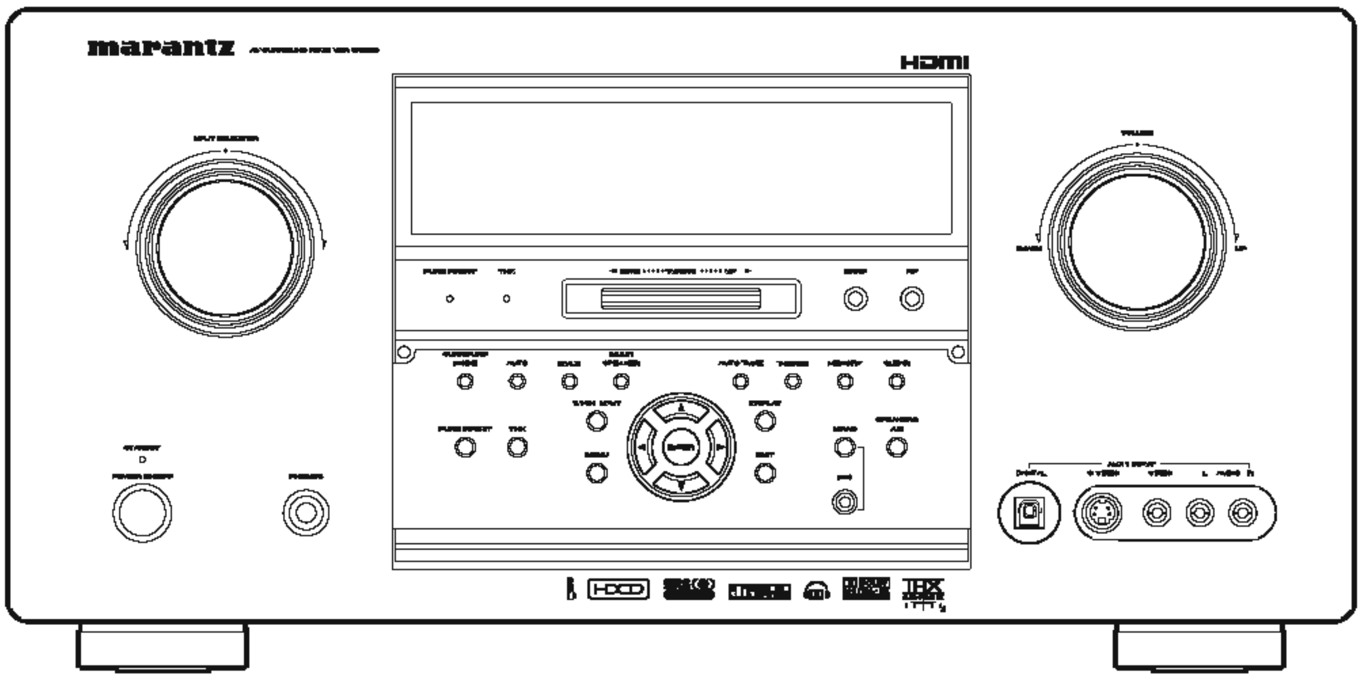
Service Manual

SR9600 /N1B/N1G/N1S/U1G/U1B

AV Surround Receiver

SR9600 /F N

Multichannel AV Amplifier



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Please use this service manual with referring to the user guide (D.F.U.) without fail.
修理の際は、必ず取扱説明書を準備し操作方法を確認の上作業を行ってください。

marantz®

SR9600

Part no. 90M11AJ855010
First Issue 2005.05
MZ

SR9600

MARANTZ DESIGN AND SERVICE

Using superior design and selected high grade components, **MARANTZ** company has created the ultimate in stereo sound. Only original **MARANTZ** parts can insure that your **MARANTZ** product will continue to perform to the specifications for which it is famous.

Parts for your **MARANTZ** equipment are generally available to our National Marantz Subsidiary or Agent.

ORDERING PARTS :

Parts can be ordered either by mail or by Fax.. In both cases, the correct part number has to be specified.

The following information must be supplied to eliminate delays in processing your order :

1. Complete address
2. Complete part numbers and quantities required
3. Description of parts
4. Model number for which part is required
5. Way of shipment
6. Signature : any order form or Fax. must be signed, otherwise such part order will be considered as null and void.

USA

MARANTZ AMERICA, INC
1100 MAPLEWOOD DRIVE
ITASCA, IL. 60143
USA
PHONE : 630 - 741 - 0300
FAX : 630 - 741 - 0301

EUROPE / TRADING

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THE NETHERLANDS
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FAX : +31 - 40 - 2507860

CANADA

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FAX : 905 - 475 - 4159

AUSTRALIA

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MT. WAVERLEY VIC 3149
AUSTRALIA
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AUCKLAND NEW ZEALAND
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WO KEE HONG ELECTRONICS SDN. BHD.
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本　社　　〒228-8505
神奈川県相模原市相模大野7-35-1

KOREA

MK ENTERPRISES LTD.
ROOM 604/605, ELECTRO-OFFICETEL, 16-58,
3GA, HANGANG-RO, YONGSAN-KU, SEOUL
KOREA
PHONE : +822 - 3232 - 155
FAX : +822 - 3232 - 154

SHOCK, FIRE HAZARD SERVICE TEST :

CAUTION : After servicing this appliance and prior to returning to customer, measure the resistance between either primary AC cord connector pins (with unit NOT connected to AC mains and its Power switch ON), and the face or Front Panel of product and controls and chassis bottom.

Any resistance measurement less than 1 Megohms should cause unit to be repaired or corrected before AC power is applied, and verified before it is return to the user/customer.

Ref. UL Standard No. 6500.

In case of difficulties, do not hesitate to contact the Technical Department at above mentioned address.

1. TECHNICAL SPECIFICATIONS

FM TUNER SECTION

Frequency Range	76.0 - 90.0 MHz[/F]
	87.5 - 108.0 MHz[/N/U]
Usable Sensitivity	IHF 1.8 µV/16.4 dBf
Signal to Noise Ratio	Mono/Stereo 75/70 dB
Distortion	Mono/Stereo 0.2/0.3 %
Stereo Separation	1 kHz 45 dB
Alternate Channel Selectivity	± 300 kHz 60 dB
Image Rejection	98 MHz 70 dB
Tuner Output Level	1 kHz, ± 75 kHz Dev 800 mV

AM TUNER SECTION

Frequency Range	531 - 1602 kHz [/F/N]
	520 - 1710 kHz [/U]
Signal to Noise Ratio	50 dB
Usable Sensitivity	Loop 400µV
Distortion	400 Hz, 30 % Mod. 0.5 %
Selectivity	± 20 kHz 70 dB

AUDIO SECTION

Power Output (20 Hz - 20 kHz/THD=0.08%)	
Front L&R	8 ohms 140 W / Ch
Center	8 ohms 140 W / Ch
Surround L&R	8 ohms 140 W / Ch
Surround Back L&R	8 ohms 140 W / Ch
Front L&R	6 ohms 170 W / Ch
Center	6 ohms 170 W / Ch
Surround L&R	6 ohms 170 W / Ch
Surround Back L&R	6 ohms 170 W / Ch
Input Sensitivity/Impedance	200 mV/ 47 kohms
Signal to Noise Ratio	
Analog Input / Pure Direct	105 dB
Frequency Response	
Analog Input / Pure Direct	8 Hz - 100 kHz (± 3 dB)
Digital Input / 96 kHz PCM	8 Hz - 45 kHz (± 3 dB)

VIDEO

Television Format	NTSC/PAL
Input Level/Impedance	1 Vp-p/75 ohms
Output Level/Impedance	1 Vp-p/75 ohms
Video Frequency Response	5 Hz to 8 MHz (- 1 dB)
Video Frequency (Component)	5 Hz to 80 MHz (- 1 dB)
S/N	60 dB

HDMI

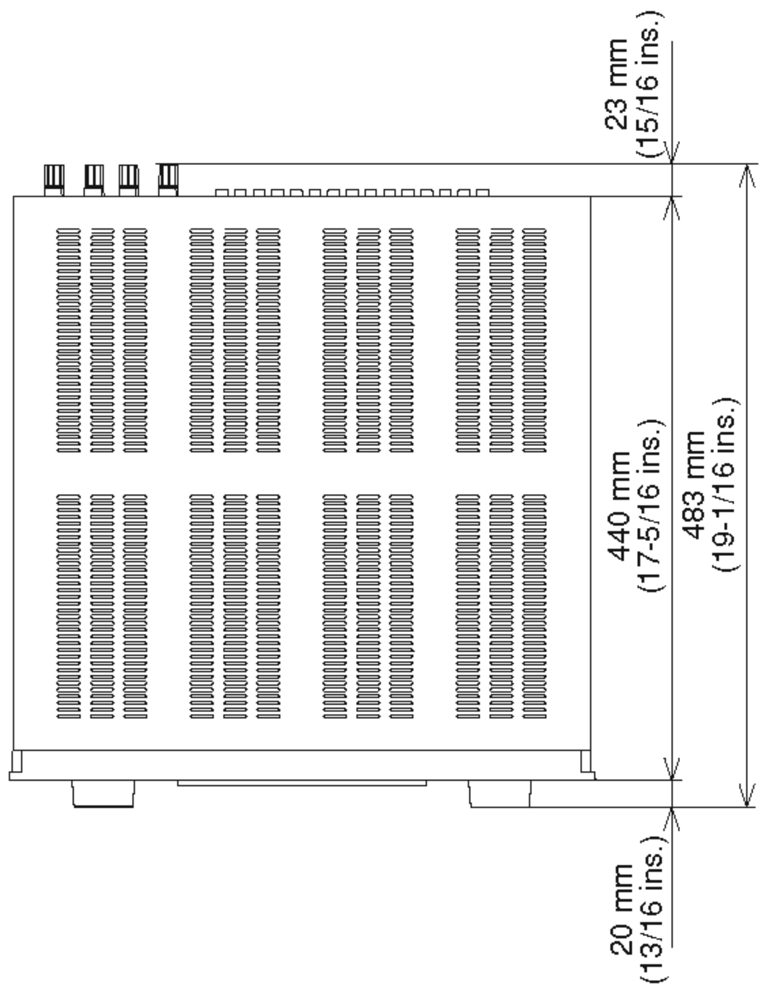
Version Format	1.1

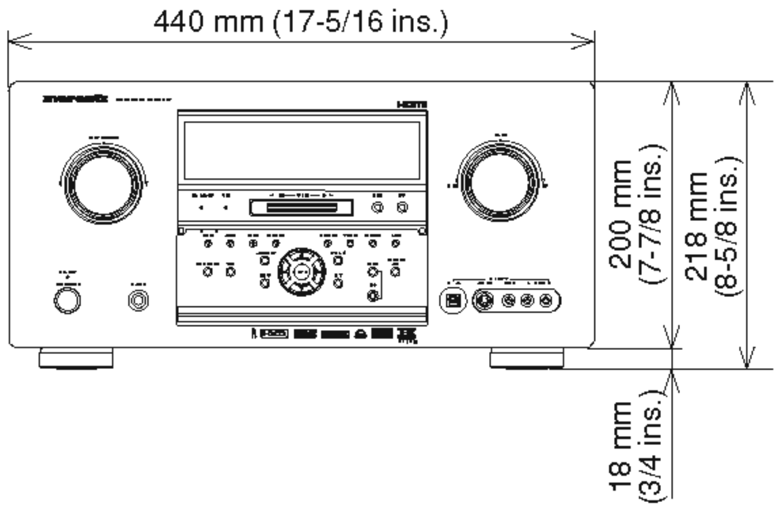
GENERAL

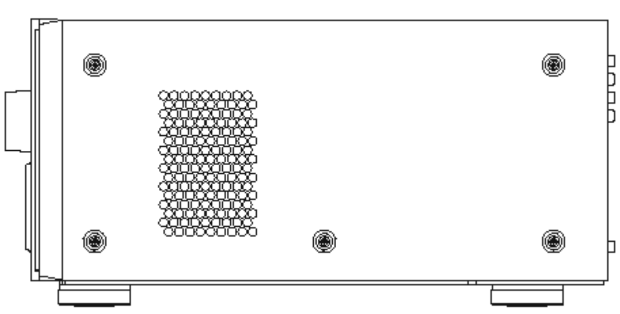
Power Requirement	AC 100 V 50/60 Hz [/F]
	AC 230 V 50 Hz [/N]
	AC 120 V 60 Hz [/U]
Power Consumption	600 W (6.5 A)
Weight	26 kg (57.3 lbs)

ACCESSORIES

Remote Control Unit RC3200B	1
AA-size batteries	3
Microphone MC-10	1
Front AUX Jack Cover	1
AC Cable	1
FM Antenna	2
FM Antenna Adaptor	2
AM Loop Antenna	2
RS232C Cable	1







The relation between the selected surround mode and the input signal

The surround mode is selected with the surround mode buttons on SR9600 or the remote control unit. However, the sound you hear is subject to the relationship between the selected surround mode and input signal. That relationship is as follows;

Surround Mode	Input Signal	Decoding	Output Channel					Front Information Display	
			L/R	C	SL SR	SBL SBR	SubW	Signal Format Indicators	Channel Status
AUTO	Dolby Surr EX	Dolby Digital EX	O	O	O	O	O	DD DIGITAL EX	L, C, R, SL, SR, S, LFE
	Dolby D (5.1ch)	Dolby Digital 5.1	O	O	O	-	O	DD DIGITAL	L, C, R, SL, SR, LFE
	Dolby D (2ch)	Dolby Digital 2.0	O	-	-	-	O	DD DIGITAL	L, R
	Dolby D (2ch Surr)	Pro Logic IIx movie	O	O	O	O	O	DD DIGITAL DD SURROUND	L, R, S
	DTS-ES	DTS-ES	O	O	O	O	O	dts, ES	L, C, R, SL, SR, S, LFE
	DTS 96/24	DTS-96/24	O	O	O	-	O	dts 96/24	L, C, R, SL, SR, LFE
	DTS (5.1ch)	DTS 5.1	O	O	O	-	O	dts	L, C, R, SL, SR, LFE
	AAC (5.1ch)	AAC 5.1	O	O	O	-	O	AAC	L, C, R, SL, SR, LFE
	AAC (2ch)	AAC 2.0	O	-	-	-	O	AAC	L, R
	Multich-PCM	Multich-PCM	O	O	O	-	O	M-PCM	L, C, R, SL, SR, LFE
	Multich-PCM 96kHz	Multich-PCM 96kHz	O	O	O	-	O	M-PCM	L, C, R, SL, SR, LFE
	SA-CD (5.1ch)	Multich-PCM	O	O	O	-	O	SA-CD	L, C, R, SL, SR, LFE
	SA-CD (2ch)	PCM (Stereo)	O	-	-	-	O	SA-CD	L, R
	PCM (Audio)	PCM (Stereo)	O	-	-	-	O	PCM	L, R
	PCM 96kHz	PCM (Stereo 96kHz)	O	-	-	-	O	PCM	L, R
	HDCD	HDCD	O	-	-	-	O	PCM, HDCD	L, R
	Analog	Stereo	O	-	-	-	O	ANALOG	-
	7.1ch input	Multich	O	O	O	O	O	ANALOG	-
PURE DIRECT	Dolby Surr EX	Dolby Digital EX	O	O	O	O	O	DD DIGITAL EX	L, C, R, SL, SR, S, LFE
	Dolby D (5.1ch)	Dolby Digital 5.1	O	O	O	-	O	DD DIGITAL	L, C, R, SL, SR, LFE
	Dolby D (2ch)	Dolby Digital 2.0	O	-	-	-	O	DD DIGITAL	L, R
	Dolby D (2ch Surr)	Pro Logic IIx movie	O	O	O	O	O	DD DIGITAL DD SURROUND	L, R, S
	DTS-ES	DTS-ES	O	O	O	O	O	dts, ES	L, C, R, SL, SR, S, LFE
	DTS 96/24	DTS-96/24	O	O	O	-	O	dts 96/24	L, C, R, SL, SR, LFE
	DTS (5.1ch)	DTS 5.1	O	O	O	-	O	dts	L, C, R, SL, SR, LFE
	AAC (5.1ch)	AAC 5.1	O	O	O	-	O	AAC	L, C, R, SL, SR, LFE
	AAC (2ch)	AAC 2.0	O	-	-	-	O	AAC	L, R
	Multich-PCM	Multich-PCM	O	O	O	-	O	M-PCM	L, C, R, SL, SR, LFE
	Multich-PCM 96kHz	Multich-PCM 96kHz	O	O	O	-	O	M-PCM	L, C, R, SL, SR, LFE
	SA-CD (5.1ch)	SA-CD (5.1ch)	O	O	O	-	O	SA-CD	L, C, R, SL, SR, LFE
	SA-CD (2ch)	SA-CD (2ch)	O	-	-	-	O	SA-CD	L, R
	PCM (Audio)	PCM (Stereo)	O	-	-	-	-	PCM	L, R
	PCM 96kHz	PCM (Stereo 96kHz)	O	-	-	-	-	PCM	L, R
	HDCD	HDCD	O	-	-	-	-	PCM, HDCD	L, R
	Analog	Stereo	O	-	-	-	-	ANALOG	-
	7.1ch input	Multich	O	O	O	O	O	ANALOG	-
EX/ES	Dolby Surr EX	Dolby Digital EX	O	O	O	O	O	DD DIGITAL EX	L, C, R, SL, SR, S, LFE
	Dolby D (5.1ch)	Dolby Digital EX	O	O	O	O	O	DD DIGITAL	L, C, R, SL, SR, LFE
	DTS-ES	DTS-ES	O	O	O	O	O	dts, ES	L, C, R, SL, SR, S, LFE
	DTS (5.1ch)	DTS-ES	O	O	O	O	O	dts	L, C, R, SL, SR, LFE
	AAC (5.1ch)	AAC + Dolby EX	O	O	O	O	O	AAC	L, C, R, SL, SR, LFE
	Multi-PCM	Multich-PCM + Dolby EX	O	O	O	O	O	M-PCM	L, C, R, SL, SR, LFE
	SA-CD (5.1ch)	Multich-PCM + Dolby EX	O	O	O	O	O	SA-CD	L, C, R, SL, SR, LFE
DOLBY	Dolby Surr EX	Dolby Digital 5.1	O	O	O	-	O	DD DIGITAL EX	L, C, R, SL, SR, S, LFE
(PLIIx movie)	Dolby D (5.1ch)	Dolby Digital 5.1	O	O	O	-	O	DD DIGITAL	L, C, R, SL, SR, LFE
(PLIIx music)	Dolby D (5.1ch)	Dolby Digital 5.1 + PLIIx	O	O	O	O	O	DD DIGITAL	L, C, R, SL, SR, LFE
(PLIIx game)	Dolby D (2ch)	Pro Logic IIx	O	O	O	O	O	DD DIGITAL	L, R
	Dolby D (2ch Surr)	Pro Logic IIx	O	O	O	O	O	DD DIGITAL DD SURROUND	L, R, S
	AAC (5.1ch)	AAC + PLIIx	O	O	O	O	O	AAC	L, C, R, SL, SR, LFE
	AAC (2ch)	Pro Logic IIx	O	O	O	O	O	AAC	L, R
	Multich-PCM	Multich-PCM + PLIIx	O	O	O	O	O	M-PCM	L, C, R, SL, SR, LFE
	SA-CD (5.1ch)	Multich-PCM + PLIIx	O	O	O	O	O	SA-CD	L, C, R, SL, SR, LFE
	SA-CD (2ch)	Pro Logic IIx	O	O	O	O	O	SA-CD	L, R
	PCM (Audio)	Pro Logic IIx	O	O	O	O	O	PCM	L, R
	HDCD	Pro Logic IIx	O	O	O	O	O	PCM, HDCD	L, R
	Analog	Pro Logic IIx	O	O	O	O	O	ANALOG	-
	7.1ch input	Multich-PCM + PLIIx	O	O	O	O	O	ANALOG	-
DTS	DTS-ES	DTS 5.1	O	O	O	-	O	dts, ES	L, C, R, SL, SR, S, LFE
(Neo 6 Cinema)	DTS 96/24	DTS-96/24	O	O	O	-	O	dts 96/24	L, C, R, SL, SR, LFE
(Neo 6 Music)	DTS (5.1ch)	DTS 5.1	O	O	O	-	O	dts	L, C, R, SL, SR, LFE
	Dolby D (2ch)	Neo 6	O	O	O	O	O	DD DIGITAL	L, R, S
	Dolby D (2ch Surr)	Neo 6	O	O	O	O	O	DD DIGITAL DD SURROUND	L, C, R, SL, SR, S, LFE
	AAC (2ch)	Neo 6	O	O	O	O	O	AAC	L, R
	SA-CD (2ch)	Neo 6	O	O	O	O	O	SA-CD	L, R
	PCM(Audio)	Neo 6	O	O	O	O	O	PCM	L, R
	HDCD	Neo 6	O	O	O	O	O	PCM, HDCD	L, R
	Analog	Neo 6	O	O	O	O	O	ANALOG	-
CSII Cinema	Dolby D (2ch)	CS II	O	O	O	O	O	DD DIGITAL	L, R, S
CSII Music	Dolby D (2ch Surr)	CS II	O	O	O	O	O	DD DIGITAL DD SURROUND	L, C, R, SL, SR, S, LFE
CSII Mono	AAC (2ch)	CS II	O	O	O	O	O	AAC	L, R
	SA-CD (2ch)	CS II	O	O	O	O	O	SA-CD	L, R
	PCM(Audio)	CS II	O	O	O	O	O	PCM	L, R
	HDCD	CS II	O	O	O	O	O	PCM, HDCD	L, R
	Analog	CS II	O	O	O	O	O	ANALOG	-
STEREO	Dolby Surr EX	Stereo	O	-	-	-	O	DD DIGITAL EX	L, C, R, SL, SR, S, LFE
	Dolby D (5.1ch)	Stereo	O	-	-	-	O	DD DIGITAL	L, C, R, SL, SR, LFE
	Dolby D (2ch)	Stereo	O	-	-	-	O	DD DIGITAL	L, R
	Dolby D (2ch Surr)	Stereo	O	-	-	-	O	DD DIGITAL DD SURROUND	L, R, S
	DTS-ES	Stereo	O	-	-	-	O	dts, ES	L, C, R, SL, SR, S, LFE
	DTS 96/24	Stereo	O	-	-	-	O	dts 96/24	L, C, R, SL, SR, LFE
	DTS (5.1ch)	Stereo	O	-	-	-	O	dts	L, C, R, SL, SR, LFE
	AAC (5.1ch)	Stereo	O	-	-	-	O	AAC	L, C, R, SL, SR, LFE
	AAC (2ch)	Stereo	O	-	-	-	O	AAC	L, R
	Multich-PCM	Stereo	O	-	-	-	O	M-PCM	L, C, R, SL, SR, LFE
	Multich-PCM 96kHz	Stereo	O	-	-	-	O	M-PCM	L, C, R, SL, SR, LFE

AAC (Advanced Audio Coding) : Japan only
BS デジタル放送および地上波デジタル放送が採用している音声方式で、MPEG2 規格のひとつです。高圧縮率と高音質が特長で、2CH ステレオ音声に加え、5.1CH サラウンド音声や多言語放送を可能にしています。

Surround Mode	Input Signal	Decoding	Output Channel L/R	C	SL SR	SBL SBR	SubW	Front Information Display: Signal Format Indicators	Channel Status
STEREO	SA-CD (5.1ch)	Stereo	O	-	-	-	O	SA-CD	L, C, R, SL, SR, LFE
	SA-CD (2ch)	Stereo	O	-	-	-	O	SA-CD	L, R
	PCM (Audio)	Stereo	O	-	-	-	O	PCM	L, R
	PCM 96kHz	Stereo	O	-	-	-	O	PCM	L, R
	HDCD	Stereo	O	-	-	-	O	PCM, HDCD	L, R
	Analog	Stereo	O	-	-	-	O	ANALOG	-
Virtual	Dolby Surr EX	Virtual	O	-	-	-	-	DD DIGITAL EX	L, C, R, SL, SR, S, LFE
	Dolby D (5.1ch)	Virtual	O	-	-	-	-	DD DIGITAL	L, C, R, SL, SR, LFE
	Dolby D (2ch)	Virtual	O	-	-	-	-	DD DIGITAL	L, R
	Dolby D (2ch Surr)	Virtual	O	-	-	-	-	DD DIGITAL DD SURROUND	L, R, S
	DTS-ES	Virtual	O	-	-	-	-	dts, ES	L, C, R, SL, SR, S, LFE
	DTS 96/24	Virtual	O	-	-	-	-	dts 96/24	L, C, R, SL, SR, LFE
	DTS (5.1ch)	Virtual	O	-	-	-	-	dts	L, C, R, SL, SR, LFE
	AAC (5.1ch)	Virtual	O	-	-	-	-	AAC	L, C, R, SL, SR, LFE
	AAC (2ch)	Virtual	O	-	-	-	-	AAC	L, R
	Multich-PCM	Virtual	O	-	-	-	-	M-PCM	L, C, R, SL, SR, LFE
	SA-CD (5.1ch)	Virtual	O	-	-	-	-	SA-CD	L, C, R, SL, SR, LFE
	SA-CD (2ch)	Virtual	O	-	-	-	-	SA-CD	L, R
	PCM (Audio)	Virtual	O	-	-	-	-	PCM	L, R
	HDCD	Virtual	O	-	-	-	-	PCM, HDCD	L, R
	Analog	Virtual	O	-	-	-	-	ANALOG	-
Multi Ch Stereo	Dolby Surr EX	Dolby Digital EX	O	O	O	O	O	DD DIGITAL EX	L, C, R, SL, SR, S, LFE
	Dolby D (5.1ch)	Dolby Digital 5.1	O	O	O	-	O	DD DIGITAL	L, C, R, SL, SR, LFE
	Dolby D (2ch)	Multi Channel Stereo	O	O	O	O	O	DD DIGITAL	L, R
	Dolby D (2ch Surr)	Multi Channel Stereo	O	O	O	O	O	DD DIGITAL DD SURROUND	L, R, S
	DTS-ES	DTS-ES	O	O	O	O	O	dts, ES	L, C, R, SL, SR, S, LFE
	DTS 96/24	DTS-96/24	O	O	O	-	O	dts 96/24	L, C, R, SL, SR, LFE
	DTS (5.1ch)	DTS 5.1	O	O	O	-	O	dts	L, C, R, SL, SR, LFE
	AAC (5.1ch)	AAC 5.1	O	O	O	-	O	AAC	L, C, R, SL, SR, LFE
	AAC (2ch)	Multi Channel Stereo	O	O	O	O	O	AAC	L, R
	Multich-PCM	Multich-PCM	O	O	O	-	O	M-PCM	L, C, R, SL, SR, LFE
	Multich-PCM 96kHz	Multich-PCM 96kHz	O	O	O	-	O	M-PCM	L, C, R, SL, SR, LFE
	SA-CD (5.1ch)	Multich-PCM	O	O	O	-	O	SA-CD	L, C, R, SL, SR, LFE
	SA-CD (2ch)	Multi Channel Stereo	O	O	O	O	O	SA-CD	L, R
	PCM (Audio)	Multi Channel Stereo	O	O	O	O	O	PCM	L, R
	HDCD	Multi Channel Stereo	O	O	O	O	O	PCM, HDCD	L, R
	Analog	Multi Channel Stereo	O	O	O	O	O	ANALOG	-
Dolby H.P.	Dolby Surr EX	Dolby H.P.	O	-	-	-	-	DD DIGITAL EX	L, C, R, SL, SR, S, LFE
	Dolby D (5.1ch)	Dolby H.P.	O	-	-	-	-	DD DIGITAL	L, C, R, SL, SR, LFE
	Dolby D (2ch)	Dolby H.P.	O	-	-	-	-	DD DIGITAL	L, R
	Dolby D (2ch Surr)	Dolby H.P.	O	-	-	-	-	DD DIGITAL DD SURROUND	L, R, S
	DTS-ES	Dolby H.P.	O	-	-	-	-	dts, ES	L, C, R, SL, SR, S, LFE
	DTS 96/24	Dolby H.P.	O	-	-	-	-	dts 96/24	L, C, R, SL, SR, LFE
	DTS (5.1ch)	Dolby H.P.	O	-	-	-	-	dts	L, C, R, SL, SR, LFE
	AAC (5.1ch)	Dolby H.P.	O	-	-	-	-	AAC	L, C, R, SL, SR, LFE
	AAC (2ch)	Dolby H.P.	O	-	-	-	-	AAC	L, R
	Multich-PCM	Dolby H.P.	O	-	-	-	-	M-PCM	L, C, R, SL, SR, LFE
	SA-CD (5.1ch)	Dolby H.P.	O	-	-	-	-	SA-CD	L, C, R, SL, SR, LFE
	SA-CD (2ch)	Dolby H.P.	O	-	-	-	-	SA-CD	L, R
	PCM (Audio)	Dolby H.P.	O	-	-	-	-	PCM	L, R
	HDCD	Dolby H.P.	O	-	-	-	-	PCM, HDCD	L, R
	Analog	Dolby H.P.	O	-	-	-	-	ANALOG	-
THX (THX Games)	Dolby Surr EX	Dolby Digital + THX Surround EX	O	O	O	O	O	DD DIGITAL EX	L, C, R, SL, SR, S, LFE
	Dolby D (5.1ch)	Dolby Digital 5.1+ THX 5.1	O	O	O	-	O	DD DIGITAL	L, C, R, SL, SR, LFE
	Dolby D (2ch)	Pro Logic IIx movie + THX	O	O	O	O	O	DD DIGITAL	L, R
	Dolby D (2ch Surr)	Pro Logic IIx movie + THX	O	O	O	O	O	DD DIGITAL DD SURROUND	L, R, S
	DTS-ES	DTS-ES + THX	O	O	O	O	O	dts, ES	L, C, R, SL, SR, S, LFE
	DTS (5.1ch)	DTS + THX 5.1	O	O	O	-	O	dts	L, C, R, SL, SR, LFE
	AAC (5.1ch)	AAC + THX5.1	O	O	O	-	O	AAC	L, C, R, SL, SR, LFE
	AAC (2ch)	Pro Logic IIx movie + THX	O	O	O	O	O	AAC	L, R
	Multich-PCM	Multich-PCM + THX5.1	O	O	O	-	O	M-PCM	L, C, R, SL, SR, LFE
	SA-CD (5.1ch)	Multich-PCM + THX5.1	O	O	O	-	O	SA-CD	L, C, R, SL, SR, LFE
	SA-CD (2ch)	Pro Logic IIx movie + THX	O	O	O	O	O	SA-CD	L, R
	PCM (Audio)	Pro Logic IIx movie + THX	O	O	O	O	O	PCM	L, R
	HDCD	Pro Logic IIx movie + THX	O	O	O	O	O	PCM, HDCD	L, R
	Analog	Pro Logic IIx movie + THX	O	O	O	O	O	ANALOG	-
THX Ultra2 (THX EX) (THX Music) (THX Games)	Dolby Surr EX	Dolby Digital + THX Surround EX	O	O	O	O	O	DD DIGITAL EX	L, C, R, SL, SR, S, LFE
	Dolby D (5.1ch)	Dolby Digital 5.1+ THX Ultra2 Cinema	O	O	O	O	O	DD DIGITAL	L, C, R, SL, SR, LFE
	Dolby D (2ch)	Pro Logic IIx movie + THX	O	O	O	O	O	DD DIGITAL	L, R
	Dolby D (2ch Surr)	Pro Logic IIx movie + THX	O	O	O	O	O	DD DIGITAL DD SURROUND	L, R, S
	DTS-ES	DTS-ES + THX	O	O	O	O	O	dts, ES	L, C, R, SL, SR, S, LFE
	DTS (5.1ch)	DTS + THX Ultra2 Cinema	O	O	O	O	O	dts	L, C, R, SL, SR, LFE
	AAC (5.1ch)	AAC+ THX Ultra2 Cinema	O	O	O	O	O	AAC	L, C, R, SL, SR, LFE
	AAC (2ch)	Pro Logic IIx movie + THX	O	O	O	O	O	AAC	L, R
	Multich-PCM	Multich-PCM + THX Ultra2 Cinema	O	O	O	O	O	M-PCM	L, C, R, SL, SR, LFE
	SA-CD (5.1ch)	Multich-PCM + THX Ultra2 Cinema	O	O	O	O	O	SA-CD	L, C, R, SL, SR, LFE
	SA-CD (2ch)	Pro Logic IIx movie + THX	O	O	O	O	O	SA-CD	L, R
	PCM (Audio)	Pro Logic IIx movie + THX	O	O	O	O	O	PCM	L, R
	HDCD	Pro Logic IIx movie + THX	O	O	O	O	O	PCM, HDCD	L, R
	Analog	Pro Logic IIx movie + THX	O	O	O	O	O	ANALOG	-

Notes:

- Dolby Digital (2 channel L/R): Speakers for signal with Dolby Surround are fully equipped.
- No sound is outputs from the surround speaker, center speaker and subwoofer if the DVD disc has no surround data.

Abbreviations

L/R : Front speakers
C : Center speaker
SL/SR : Surround speakers
SBL/SBR : Surround back speakers
SubW : Subwoofer

ご注意

- Dolby Digital（左右の2チャンネル）: ドルビーサラウンド処理されたドルビーデジタル2ch信号。
- DVDディスクにサラウンドデータがない場合、サラウンドスピーカー、センタースピーカー、サブウーファーから音声は出力されません。

略語

L/R フロント左/右スピーカー
C センタースピーカー
SL/SR サラウンド左/右スピーカー
SBL/SBR サラウンドバック左/右スピーカー
SubW サブウーファー

2. TECHNICAL DESCRIPTION AND SERVICE HINTS

THX® is an exclusive set of standards and technologies established by the world-renowned film production company, Lucasfilm Ltd. THX resulted from George Lucas' desire to reproduce the movie soundtrack as faithfully as possible both in the movie theater and in the home theater.
THX engineers developed patented technologies to accurately translate the sound from a movie theater environment into the home, correcting the tonal and spatial errors that occur.
When the THX mode of the SR9600 is on, three distinct THX technologies are automatically added:
Re-Equalization-restores the correct tonal balance for watching a movie in a home environment.
These sounds are otherwise mixed to be brighter for a large movie theater. Re-EQ compensates for this and prevents the soundtracks from being overly bright and harsh when played in a home theater.
Timbre Matching-filters the information going to the surround speakers so they more closely match the tonal characteristics of the sound coming from the front speakers.
This ensures seamless panning between the front and surround speakers.
Adaptive Decorrelation-slightly changes one surround channel's time and phase relationship with respect to the other surround channel.
This expands the listening position and creates with only two surround speakers the same spacious surround experience as in a movie theater with multiple surround speakers.
The Marantz SR9600 was required to pass a rigorous series of quality and performance tests, in addition to incorporating the technologies explained above, in order to be THX Ultra certified by Lucasfilm Ltd.
THX Ultra requirements cover every aspect of performance including pre-amplifier and power amplifier performance and operation, and hundreds of other parameters in both the digital and analog domain.
Movies which have been encoded in Dolby Digital, DTS, Dolby Pro Logic, stereo and Mono will all benefit from the THX mode when being viewed.
The THX mode should only be activated when watching movies which were originally produced for a movie theater environment.

THX need not be activated for music, movies made especially for TV, or shows such as sports programming, talk shows, etc.
This is because they were originally mixed for a small room environment.

THX and Ultra 2 are trademarks or registered trademarks of THX Ltd. Surround EX is a jointly developed technology of THX and Dolby Laboratories, Inc. and is a trademark of Dolby Laboratories, Inc. Used under authorization. All rights reserved.

The **THX Ultra2** specification provides uncompromised 7.1 channel playback of any multi-channel program, whether movie soundtracks or music over the widest possible seating area.
There are an additional two processing's for THX Ultra2 as bellow.

A.S.A. (Advanced Speaker Array)

"ASA" is a proprietary THX technology which processes the sound fed to 2 surround and 2 surround back speakers to provide the optimal surround sound experience. When you set up your home theater system using all eight speaker outputs (Left, Center, Right, Surround Right, Surround Back Right, Surround Back Left, Surround Left and Subwoofer), placing the two Surround Back speakers close together facing the front of the room as shown in the diagram will provide the largest sweet spot. If for practical reasons you have to place the Surround Back speakers apart, you will need to go to the **THX Audio Set-up** screen and choose the setting that most closely corresponds to the speaker distance, which will re-optimize the surround sound-field. ASA is used in two new surround modes; THX Ultra2 Cinema, THX Music Mode and THX Games mode.

B.G.C. (Boundary Gain Compensation)

If your chosen listening room layout (for practical or aesthetic reasons) results in most of the listeners being close to the rear wall, the resulting bass level can be sufficiently reinforced by the boundary that the overall sound quality becomes "boomy". THX Ultra2 receivers contain the BGC (Boundary Gain Compensation) feature to provide an improved bass balance. BGC can be selected by choosing "THX Ultra2 Subwoofer-Yes" from the "Boundary Gain Compensation" section of the "THX Audio setup menu".

THX SURROUND EX

THX Surround EX—Dolby DIgital Surround EX is a joint development of Dolby Laboratories and THX Ltd.

In a movie theater, film soundtracks that have been encoded with Dolby Digital Surround EX technology are able to reproduce an extra channel which has been added during the mixing of the program. This channel, called Surround Back, places sounds behind the listener in addition to the currently available front left, front center, front right, surround right, surround left and subwoofer channels. This additional channel provides the opportunity for more detailed imaging behind the listener and brings more depth, spacious ambience and sound localization than ever before. Movies that were created using the Dolby Digital Surround EX technology, when released into the home consumer market may exhibit wording to that effect on the packaging. A list of movies created using this technology can be found on the Dolby web site at **www.dolby.com.** A list of available DVD software titles encoded with this technology an be found at **www.thx.com**.
Only receiver and controller products bearing the THX Surround EX logo, when in the THX Surround EX mode, faithfully reproduce this new technology in the home. This product may also engage the THX Surround EX mode during the playback of 5.1 channel material that is not Dolby Digital Surround EX eocnded. In such case, the information delivered to the Surround Back channel will be program dependent and may or may not be very pleasing depending on the particular soundtrack and the tastes of the individual listener.

DIGITAL dts SURROUND

DTS was introduced in 1994 to provide 5.1 channels of discrete digital audio into home theater systems.
DTS brings you premium quality discrete multichannel digital sound to both movies and music.
DTS is a multichannel sound system designed to create full range digital sound reproduction.
The no compromise DTS digital process sets the standard of quality for cinema sound by delivering an exact copy of the studio master recordings to neighborhood and home theaters.
Now, every moviegoer can hear the sound exactly as the moviemaker intended.
DTS can be enjoyed in the home for either movies or music on of DVD's, LD's, and CD's.

dts NEO:6

The advantages of discrete multichannel systems over matrix are well known.
But even in homes equipped for discrete multichannel, there remains a need for high-quality matrix decoding. This is because of the large library of matrix surround motion pictures available on disc and on VHS tape; and analog television broadcasts.
The typical matrix decoder of today derives a center channel and a mono surround channel from two-channel matrix stereo material. It is better than a simple matrix in that it includes steering logic to improve separation, but because of its mono, band-limited surround it can be disappointing to users accustomed to discrete multichannel.

Neo:6 offers several important improvements as follow,

- Neo:6 provides up to six full-band channels of matrix decoding from stereo matrix material. Users with 6.1 and 5.1 systems will derive six and five separate channels, respectively, corresponding to the standard home-theater speaker layouts.
- Neo:6 technology allows various sound elements within a channel or channels to be steered separately, and in a way which follows naturally from the original presentation.
- Neo:6 offers a music mode to expand stereo nonmatrix recordings into the five- or six-channel layout, in a way which does not diminish

DTS-ES Extended Surround is a new multichannel digital signal format developed by Digital Theater Systems Inc. While offering high compatibility with the conventional DTS Digital Surround format, DTS-ES Extended Surround greatly improves the 360-degree surround impression and space expression thanks to further expanded surround signals. This format has been used professionally in movie theaters since 1999.
In addition to the 5.1 surround channels (FL, FR, C, SL, SR and LFE), DTS-ES Extended Surround also offers the SB (Surround Back) channel for surround playback with a total of 6.1 channels. DTS-ES Extended Surround includes two signal formats with different surround signal recording methods, as DTS-ES Discrete 6.1 and DTS-ES Matrix 6.1.

"DTS", "DTS-ES and "Neo:6" are trademarks of Digital Theater Systems, Inc.

The stereo CD is a 16-bit medium with sampling at 44.1 kHz. Professional audio has been 20- or 24-bit for some time, and there is increasing interest in higher sampling rates both for recording and for delivery into the home. Greater bit depths provide extended dynamic range. Higher sampling rates allow wider frequency response and the use of anti-alias and reconstruction filters with more favorable aural characteristics.

DTS 96/24 allows for 5.1channel sound tracks to be encoded at a rate of 96kHz/24bits on DVD-Video titles.
When DVD-video appeared, it became possible to deliver 24-bit, 96 kHz audio into the home, but only in two channels, and with serious limitations on picture. This capability has had little use.
DVD-audio allows 96/24 in six channels, but a new player is needed, and only analog outputs are provided, necessitating the use of the D/A converters and analog electronics provided in the player.

DTS 96/24 offers the following:

1. Sound quality transparent to the original 96/24 master.
2. Full backward compatibility with all existing decoders. (Existing decoders will output a 48 kHz signal)
3. No new player required: DTS 96/24 can be carried on DVD-video, or in the video zone of DVD-audio, accessible to all DVD players.
4. 96/24 5.1-channel sound with full-quality full-motion video, for music programs and motion picture soundtracks on DVD-video.

"DTS" and "DTS 96/24" are trademarks of Digital Theater Systems, Inc.

Dolby Digital identifies the use of Dolby Digital audio coding for such consumer formats as DVD and DTV. As with film sound, Dolby Digital can provide up to five full-range channels for left, center, and right screen channels, independent left and right surround channels, and a sixth (".1") channel for low-frequency effects.

Dolby Surround Pro Logic II is an improved matrix decoding technology that provides better spatiality and directionality on Dolby Surround program material; provides a convincing three-dimensional soundfield on conventional stereo music recordings; and is ideally suited to bring the surround experience to automotive sound. While conventional surround programming is fully compatible with Dolby Surround Pro Logic II decoders, soundtracks will be able to be encoded specifically to take full advantage of Pro Logic II playback, including separate left and right surround channels. (Such material is also compatible with conventional Pro Logic decoders.)

Dolby Digital EX creates six full-bandwidth output channels from 5.1-channel sources. This is done using a matrix decoder that derives three surround channels from the two in the original recording. For best results, Dolby Digital EX should be used with movies soundtracks recorded with Dolby Digital Surround EX.

About Dolby Pro Logic IIx

Dolby Pro Logic IIx technology delivers a natural and immersing 7.1-channel listening experience to the home theater environment. A product of Dolby's expertise in surround sound and matrix decoding technologies, Dolby Pro Logic IIx is a complete surround sound solution that maximizes the entertainment experience from stereo as well as 5.1-channel encoded sources.

Dolby Pro Logic IIx is fully compatible with Dolby Surround Pro Logic technology and can optimally decode the thousands of commercially available

Dolby Surround encoded video cassettes and television programs with enhanced depth and spatiality. It can also process any high-quality stereo or Advanced Resolution 5.1-channel music content into a seamless 6.1- or 7.1-channel listening experience.

The Dolby Headphone technology provides a surround sound listening experience over headphones. When listening to multichannel content such as DVD movies over headphones, the listening experience is fundamentally different than listening to speakers. Since the headphone speaker drivers are covering the pinna of the ear, the listening experience differs greatly from traditional speaker playback. Dolby utilizes patented headphone perspective curves to solve this problem and provides a non-fatiguing, immersive, home theater listening experience. Dolby Headphone also delivers exceptional 3D audio from stereo material.

Manufactured under license from Dolby Laboratories. “Dolby”, “Pro Logic”, and the double-D symbol are trademarks of Dolby Laboratories.

Circle Surround Ⅱ (CS-Ⅱ) is a powerful and versatile multichannel technology. CS-Ⅱ is designed to enable up to 6.1 multichannel surround sound playback from mono, stereo, CS encoded sources and other matrix encoded sources. In all cases the decoder extends it into 6 channels of surround audio and a LFE/subwoofer signal. The CS-Ⅱ decoder creates a listening environment that places the listener “inside” music performances and dramatically improves both hi-fi audio conventional surround-encoded video material. CS-Ⅱ provides composite stereo rear channels to greatly improve separation and image positioning–adding a heightened sense of realism to both audio and A/V productions.
CS-Ⅱ is packed with other useful feature like dialog clarity (SRS Dialog) for movies and cinema-like bass enrichment (TruBass). CS-Ⅱ can enable the dialog to become clearer and more discernable in movies and it enables the bass frequencies contained in the original programming to more closely achieve low frequencies–overcoming the low frequency limitations of the speakers by full octave.

Circle Surround Ⅱ, TruSurround XT, Dialog Clarity, TruBass, SRS, and (●)® symbol are trademarks of SRS Labs, Inc.
Circle Surround Ⅱ, TruSurround XT, Dialog Clarity and TruBass technologies are incorporated under license from SRS Labs, Inc.

HDCD® (High Definition Compatible Digital ®) is a patented process for delivering on Compact Disc the full richness and details of the original microphone feed.
HDCD encoded CDs sound better because they are encoded with 20-bits of real musical information as compared to 16-bits for all other CDs.
HDCD overcomes the limitation of the 16-bit CD format by using a sophisticated system to encode the additional four bits onto the CD while remaining completely compatible with the CD format.
When listening to HDCD recordings, you hear more dynamic range, a focused 3-D sound stage, and extremely natural vocal and musical timbre. With HDCD, you get the body, depth and emotion of the original performance not a flat, digital imitation.

HDCD system manufactured under license from Microsoft. This product is covered by one or more of the following: In the United States 5,479,168 5,638,074 5,640,161 5,808,574 5,838,274 5,854,600 5,864,311 5,872,531 and in Australia 669,114 with other patents pending.

SERVICE HINTS

AVSS Function Check (P314 PWB)

AVSS is the function that switches B voltage automatically depending on the volume of the input signal.
To check whether B voltage is switched or not, follow the procedure below.

1. Check if B voltage is switched to High.
   If maximum power (or +/-51V to +/-65V) can be output, it is OK. IF wave form is clipped and maximum power is not output, it is NG.
2. Check if B voltage is switched to Low.
   If B voltage can be output to +/-33-40v, it is OK.

Note: Once B voltage is switched to High, it is kept High for 1 minute. B voltage is Low upon turning on the power (initial status) if there is no signal input.

AVSS Function Check (P314 PWB)

AVSS 機能は出力信号の大きさに応じてパワーアンプの B 電圧を切り替える機能です。
B 電圧の切り替え動作確認は、以下の方法で行います。

1. B 電圧 High 切換チェック
   B 電圧が ±51V ～ ±65V または定格出力が出れば OK です。波形がクリップして定格出力が出ない場合は NG となります。
2. B 電圧 Low 切換チェック
   B 電圧が ±33V ～ ±40V 出力されれば OK です。

備考：　度、B 電圧が High になった後に無信号入力にしても、電圧 High の状態を 1 分間保持します。電源 ON 時（イニシャル時）に、無信号入力であれば、B 電圧は Low で動作します。

Cooling Fan Check (P254 PWB)

There is three speeds for the cooling fan, stop, Low Speed and High Speed, depending on the temperature of the heat sink.
Heat sink temperature is monitored with RN67, RN68, thermo sensors for cooling fan.
If heat sink temperature becomes higher, resistance of the sensors also becomes higher.
To check the cooling fan, connect test resisters to pin 1 - 5 (JN08) or pin 2 - 5 (JN08) where the thermo sensors are connected.
Two sensors are in the both sides of a heat sink.
There are two ways of checking.
One of way, Remove either sensor and connect the test resister. Other one, remove both sensors. And one connects 0 ohm and another connects test resistor.
The check of the thermo sensors RN67 and RN68 for Fan uses a drier etc.
And check the resistance of a sensor. (RN67 and RN68)
Ambient temperature 20 to 30 degrees centigrade: Over 50 ohm

Cooling Fan Check (P254 PWB)

Cooling Fan の動作はヒートシンクの温度に連動して 1 STOP 、2 Low Speed 、3 High Speed の三動作があります。
ヒートシンクの温度は Fan 用温度センサー RN67 、RN68 で検出しています。
温度が高くなると、センサーの抵抗値が高くなります。
Fan 用温度センサーが接続されている、JN08 の 1 ピンと 5 ピン及び 2 ピンと 5 ピンに検査用の抵抗を接続して Cooling Fan の動作チェックを行います。
センサーはヒートシンク両側 2 箇所にあります。
検査には二通りの方法があります。
ひとつは、センサーを片方ずつはずして検査抵抗を接続する方法、もうひとつは 2 個の検査抵抗を用意して、両方のセンサーを外し片側に低抵抗 (0Ω) を取り付けもう片方に検査抵抗を接続する方法があります。
Fan 用温度センサー RN67 、RN68 のチェックは温度センサーにドライヤーなどで熱を与えて行います。
RN67 、RN68 のショートのチェックは RN67 、RN68 の抵抗値を測ります。（常温（25℃）で 50 Ω以上）

	Fan Speed	Test Resister Value	Temperature
1	Stop	0 - 220 (0 ohm)	Under 60 °C
2	Low Speed	470 - 2.2 k (1.0 k ohm)	60 - 80 °C
3	High Speed	Over 4.7k ohm (10 k ohm)	Over 80 °C

Overheat Protection Check (P254 PWB)

If monitored temperature of the heat sink goes overheat, microcomputer shuts down the unit to stand-by mode.
Heat sink temperature is monitored with RN69, RN70, thermo sensors for overheat.
To check the overheat protection function.
Connect test resisters to pin 3 - 5 (JN08) or pin 4 - 5 (JN08) where the thermo sensors are connected.

Overheat Protection Check (P254 PWB)

ヒートシンクの過熱を検出して、マイコンでスタンバイモードに入ります。
ヒートシンクの温度は Heat 用温度センサー、RN69 、RN70 で検出しています。
温度が高くなると、センサーの抵抗値が高くなります。
Heat 用温度センサーが接続されている、JN08 の 3 ピンと 5 ピン及び 4 ピンと 5 ピンに検査用の抵抗を接続してチェックします。

Two sensors are in the both sides of a heat sink.
There are two ways of checking.
One of way, Remove either sensor and connect the test resister. Other one, remove both sensors. And one connects 0 ohm and another connects test resistor.
The check of the thermo sensors RN69 and RN70 for Fan uses a drier etc.
And check the resistance of a sensor. (RN69 and RN70)
Ambient temperature 20 to 30 degrees centigrade: Over 50 ohm

センサーはヒートシンク両側 2 箇所にあります。
検査には二通りの方法があります。
ひとつは、センサーを片方ずつはずして検査抵抗を接続する方法、もうひとつは 2 個の検査抵抗を用意して、両方のセンサーを外し片側に低抵抗 (0Ω) を取り付けもう片方に検査抵抗を接続する方法があります。
Heat 用温度センサー RN69 、RN70 のチェックは温度センサーにドライヤーなどで熱を与えて行います。
RN69 、RN70 のショートのチェックは RN69 、RN70 の抵抗値を測ります。（常温（25℃）で 50 Ω以上）

	Function	Test Resister Value	Temperature
1	Normal	0 - 220 ohm (0 ohm)	Under 110 °C
2	Heat Protection (Stand-by)	Over 4.7k ohm (10k ohm)	Over 110 °C

If overheat is detected, 2nd pin of J124 (_HEAT_DET) is led to GND by a transistor.
Normally, it is high impedance (open-collector).

Heat Protect を検出すると、J124 の 2 番ピン (_HEAT_DET) がトランジスタで GND に引かれます。
通常時はハイインピーダンス (オープンコレクター出力) です。

3. POWER AMPLIFIER ADJUSTMENT

Idling Current Alignment

1. Each of the measurement points are provided with the two test points. Set a digital Voltage meter to DC voltage input. Connect the meter to the test points at both contact points.
2. After the setup above, turn on the main switch.
3. Adjust variable resistors (R123, R223…R423) according to the digital voltmeter readings. The target setting value is the following table for each channel.

Settings: Mode — 7.1ch Auto
Master Volume — Minimum
Speaker out — No Load
Top lid — OPEN

Idling Current Alignment

1. 各チャンネルに調整用テストポイントが用意されています。テストポイントにデジタルマルチメーターなどの直流電圧計を接続します。
2. 上記設定後、本機の電源を入れます。
3. 直流電圧計の値を見ながら調整用の抵抗 (R123, R223…R423) を回します。各チャンネルが下記調整値になるよう調整します。

Settings: Mode — 7.1ch Auto
Master Volume — Minimum
Speaker out — No Load
Top lid — OPEN

Power	Channel (PWB)	Alignment Point	Measurement Point
Power ON after	Front L (P114)	R123	J132
	Front R (P114)	R223	J232
	Center (P214)	R373	J382
	Surround L (P114)	R323	J332
	Surround R (P114)	R423	J432
	Surround Back L (P214)	R273	J282
	Surround Back R (P214)	R173	J182

Time Table of Idling Current Rise

Ambient temperature 20 to 30 degrees centigrade

アイドリング電流上昇表

周囲温度 20 ～ 30°C

After Turning ON	Measurement Voltage (Jxxx)	Idling Current
10 min.	1.59mV	15.9mA
15 min.	1.58mV	15.8mA
20 min.	1.51mV	15.1mA
25 min.	1.51mV	15.1mA
30 min.	1.50mV	15.0mA
40 min.	1.50mV	15.0mA

The above table is actual survey of Idling Current versus TIME of this unit.
As for the adjustment, Idling Current becomes 15.0mA in stable state (it passes more than 30 minutes).

上の表は、本機の時間 対 アイドリング電流を実測した表です。安定した状態 (30 分以上経過) では、アイドリング電流が 15.0mA になる様に調整します。

4. SERVICE MODE

Microprocessor, DSP Version and FLD Segment Check Mode.

1. While the power is on, **THX**, ◀ **(Cursor)** and **BAND** buttons simultaneously more than 3 seconds.
   The FL display shows "FACTORY MODE" for 2 seconds then shows below.

D	V	D	:	A	T	-	H	D	M	I	1								
A	U	T	O	:	S	T	E	R	E	O									

2. Press **ENTER** button, The model name is displayed.

S	R	9	6	0	0		N												

3. Press **ENTER** button, The software version of the microprocessor (QW01) is displayed.

M	A	I	N		B	u	i	l	d	0	0	1							

4. Press **ENTER** button, The software version of the microprocessor (QU01) is displayed.

S	U	B			B	u	i	l	d	0	0	1							

5. Press **ENTER** button, The software version of the microprocessor (Q608) is displayed.

M	R	A	C		B	u	i	l	d	0	0	1							

6. Press **ENTER** button, The software Serial Number that is wirtten in the factory is displayed.

S	N	:	M	Z	X	X	X	X	X	X	X	X	X	X	X	X			

7. Press **ENTER** button, The software Type Number is displayed.

S	O	F	T		T	Y	P	E		0	0								

8. Press **ENTER** button, The Code Group Type Number is displayed.

C	O	D	E		T	Y	P	E	0	0	0	3							

9. Press **ENTER** button, All the FL segments light on.

10. Press **ENTER** button, The segments of the odd number lines of vertical in the FL light on.

11. Press **ENTER** button, The segments of the even number lines of vertical in the FL light on.

Microprocessor 及び DSP の Version 表示及び FL 点灯を確認するモードです。

1. セットの電源を入れます。**THX** と◀ **(Cursor)** および **BAND** のボタンを同時に約 3 秒以上押します
   "FACTORY MODE" と表示されます。更に約 2 秒後に下記の表示となります。

D	V	D	:	A	T	-	H	D	M	I	1								
A	U	T	O	:	S	T	E	R	E	O									

2. **ENTER** ボタンを押します。機種名が表示されます。

S	R	9	6	0	0		N												

3. **ENTER** ボタンを押します。マイコン (QW01) のバージョンが表示されます。

M	A	I	N		B	u	i	l	d	0	0	1							

4. **ENTER** ボタンを押します。マイコン (QU01) のバージョンが表示されます。

S	U	B			B	u	i	l	d	0	0	1							

5. **ENTER** ボタンを押します。マイコン (Q608) のバージョンが表示されます。

M	R	A	C		B	u	i	l	d	0	0	1							

6. **ENTER** ボタンを押します。工場で書き込み済みの Software Serial No. が表示されます。

S	N	:	M	Z	X	X	X	X	X	X	X	X	X	X	X	X			

7. **ENTER** ボタンを押します。マイコンの Software Type が表示されます

S	O	F	T		T	Y	P	E		0	0								

8. **ENTER** ボタンを押します。Code Group Type が表示されます。

C	O	D	E		T	Y	P	E	0	0	0	3							

9. **ENTER** ボタンを押します。FL が全点灯します。

10. **ENTER** ボタンを押します。FL の縦奇数行が点灯します。

11. **ENTER** ボタンを押します。FL の縦偶数行が点灯します。

12. **ENTER** ボタンを押します。FL の横奇数行が点灯します。

12. Press **ENTER** button, The segments of the odd number lines of horizontal in the FL light on.

13. Press **ENTER** button, The segments of the even number lines of horizontal in the FL light on.

14. Press **ENTER** button, All the FL segments turns off.

15. Press **ENTER** button, Every time **ENTER** button is pressed, DSP code is indicated in turn from NO.1 to NO.28.

D	S	P		C	O	D	E		0	1		0	3	0	9	0	1	0	3
									No.			Dev.		SIG		TYP		Ver.	

No. : DISP CODE ID　Dev. : Device ID
SIG. : CODE SIG ID　TYP. : CODE TYPE ID
Ver. : Version

16. Turn off the power to quit Service Mode.(Disconnect mains cord from SR9600)

Note: When the unit is once turned into Service Mode, the unit keeps this mode until the main power is turned off. (Turning into stand-by mode does not make it quit from Service Mode.) When the unit quits from Service Mode, Information in the memory is also cleared and the unit returns to the status when it is out from the factory.

Product Reset

To reset the back up memory of the unit into the default status,
follow the procedure below.

1. Turn on the unit and press **MRAC** and **PURE DIRECT** button simultaneously more than 3 seconds.
2. After "DEFAULT" is displayed on FLD, then "CLEAR MEMORY" is displayed on FLD, EEPROM is cleared to the default status, μ-Pro. is reset and the unit returns to the normal status. (Software Serial Number will not be cleared.)

Note: When the unit is shipped from the factory, the procedure above must be done to set the unit to initial status.

13.**ENTER** ボタンを押します。FL の横偶数行が点灯します。

14.**ENTER** ボタンを押します。FL が全消灯します。

15.**ENTER** ボタンを押します。**ENTER** ボタンを押す度に DSP Code ID が NO.1 から NO.28 まで順に表示されます。

D	S	P		C	O	D	E		0	1		0	3	0	9	0	1	0	3
									No.			Dev.		SIG		TYP		Ver.	

No. : DISP CODE ID　Dev. : Device ID
SIG. : CODE SIG ID　TYP. : CODE TYPE ID
Ver. : Version

16.電源を切ります。（電源コードをセットから外します。）サービスモードは解除されます。

5. SYSTEM ERROR

When the microprocessor detects a trouble, the following information is displayed on the FLD.

- After the ERROR contents indication, Surround Mode is initialized and returned Factory mode.
- The contents of the ERROR indication are the followings.

1. Trouble in DSP

If communication with DSP is troubled more than 2 seconds.

`CHECK DSP`

Indication is keep and sound is mute.

2. Trouble in EEP-ROM

If data from EEPROM does not match.

`CHECK E2P`

3. Trouble in EEP-ROM IF

If communication with EEPROM is troubled more than 2 seconds.

`CHECK E2P IF`

4. Trouble in RS-232C

If communication of RS232C with RS232C is troubled more than 2 seconds.

`CHECK 232C`

5. Trouble in 5V Supply

If 5V supply to DATA DIR is troubled.

`CHECK POWER 5V`

6. Trouble in Protection

CPU turns off the speaker output.

`PROTECT`

7.Trouble in between Main CPU and Sub CPU

The trouble between Main CPU and Sub CPU was found.

`CHECK MAIN<->SUB`

8. Trouble in between Main CPU and FL CPU

The trouble between Main CPU and FL CPU was found.

`CHECK MAIN<->FL`

9. Trouble in between Sub CPU and MRAC CPU.

The trouble between Sub CPU and MRAC CPU was found.

`CHECK SUB<->MRAC`

製品内部での異常発生時にマイクロプロセッサが、処理し表示を行います。主に各 Device との通信異常を検出します。

- ERROR 表示後、Surround Mode は初期化され工場出荷の状態に戻ります。
- ERROR 表示の内容は下記です。

1. DSP 異常検出表示。

DSP との通信上の不具合を約 2 秒検出した時。

`CHECK DSP`

表示状態はそのままで音声は Mute 状態

2. EEP-ROM 異常検出表示。

EEP ROM Data の不整合を検出した時。

`CHECK E2P`

3. EEP-ROM IF 異常検出表示。

EEP ROM との通信不具合が約 2 秒以上生じた時。

`CHECK E2P IF`

4. RS-232C 異常検出表示。

RS232C 通信時に RS232C との通信不具合を約 2 秒以上検出した時。

`CHECK 232C`

5. 5V 異常検出表示。

DATA DIR. の異常を検出した時。

`CHECK POWER 5V`

6. Protection 信号異常検出表示。

Speaker から出力を止めます。

`PROTECT`

7. Main CPU と Sub CPU 間の異常検出表示

Main CPU と Sub CPU 間の異常を検出した時。

`CHECK MAIN<->SUB`

8. Main CPU と FL CPU 間の異常検出表示

Main CPU と FL CPU 間の異常を検出した時。

`CHECK MAIN<->FL`

9. Sub CPU と MRAC CPU 間の異常検出表示

Sub CPU と MRAC CPU 間の異常を検出した時。

`CHECK SUB<->MRAC`

10. Trouble in between Sub CPU and 1394 CPU

The trouble between Sub CPU and 1394 CPU was found.

		C	H	E	C	K		S	U	B	<	-	>	1	3	9	4		

11. Trouble in FUJITSU DSP

If communication with FUJITSU DSP is troubled more than 2 seconds.

		C	H	E	C	K		F	U	J	I	T	S	U		D	S	P	

12. Trouble in DSP

If communication with DSP is troubled more than 2 seconds.

		C	H	E	C	K		T	I		D	S	P						

10. Sub CPU と 1394 CPU 間の異常検出表示

Sub CPU と 1394 CPU 間の異常を検出した時。

		C	H	E	C	K		S	U	B	<	-	>	1	3	9	4		

11. FUJITSU DSP 異常検出表示

FUJITSU DSP との通信不具合を約 2 秒以上検出した時。

		C	H	E	C	K		F	U	J	I	T	S	U		D	S	P	

12. DSP 異常検出表示

DSP との通信不具合を約 2 秒以上検出した時。

		C	H	E	C	K		T	I		D	S	P						

6. UPDATE FIRMWARE
[A] DOWNLOAD AND INSTALL UPDATING SOFTWARE FOR MICROPROCESSOR

DOWNLOADS OF THE SOFTWARE

Download the software for update of the MAIN, SUB and MRAC microprocessor

Launch up the browser Type http //www renesas com/ into an address And press Enter

(When site of Renesas is modified, please search "Flash Development Toolkit", or type http //download renesas com/eng/mpumcu/index html into an address)

DOWNLOADS OF THE SOFTWARE

MAIN、SUB、MRACマイコンのアップデート用ソフトウェアをダウンロードします。

Browserを起動し、Addressへhttp //www renesas com/と入力し、Enterを押します。

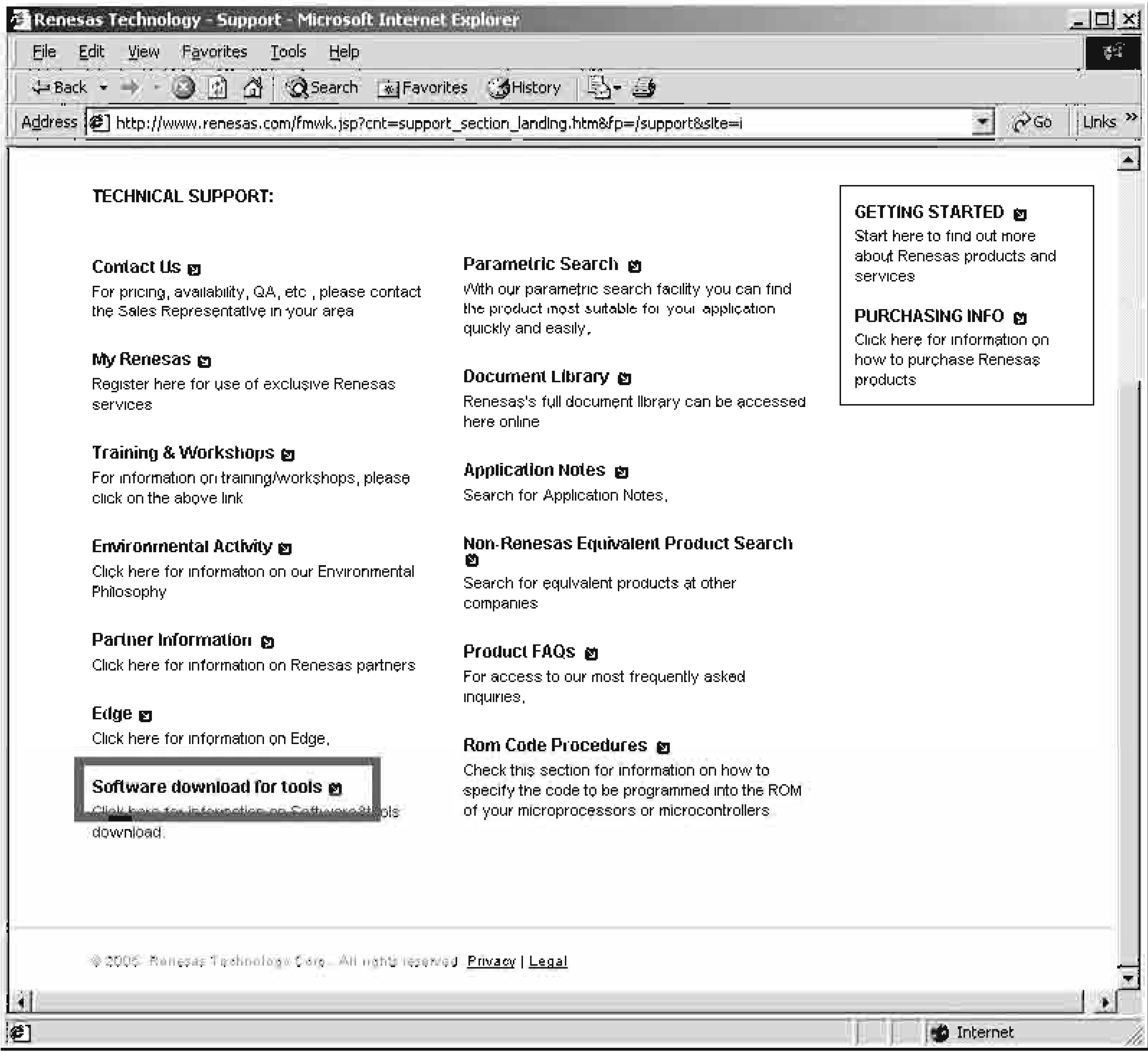
(Renasasのサイトが変更になった場合は、Flash Development Toolkitを検索するか、Addressへhttp //download renesas com/eng/mpumcu/index htmlを入力してください。)

Click the **SUPORT** on the site of Renesas

RenesasのホームページがRenesasのホームページが開きますので、ここから**SUPPORT**をクリックします。

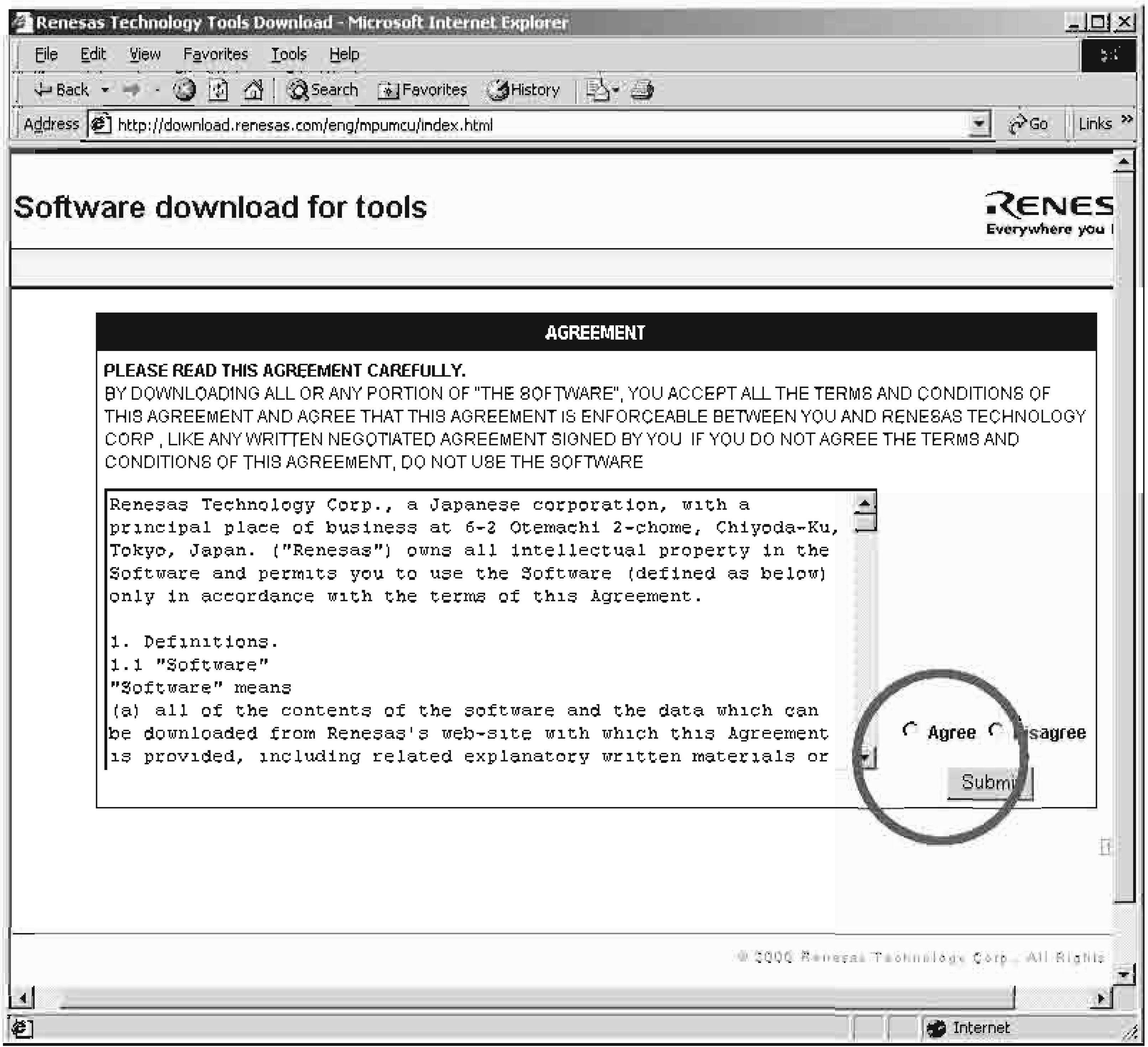
Click the **Software download for tools** on Support

Support のページから **Software download for tools** をクリックします。



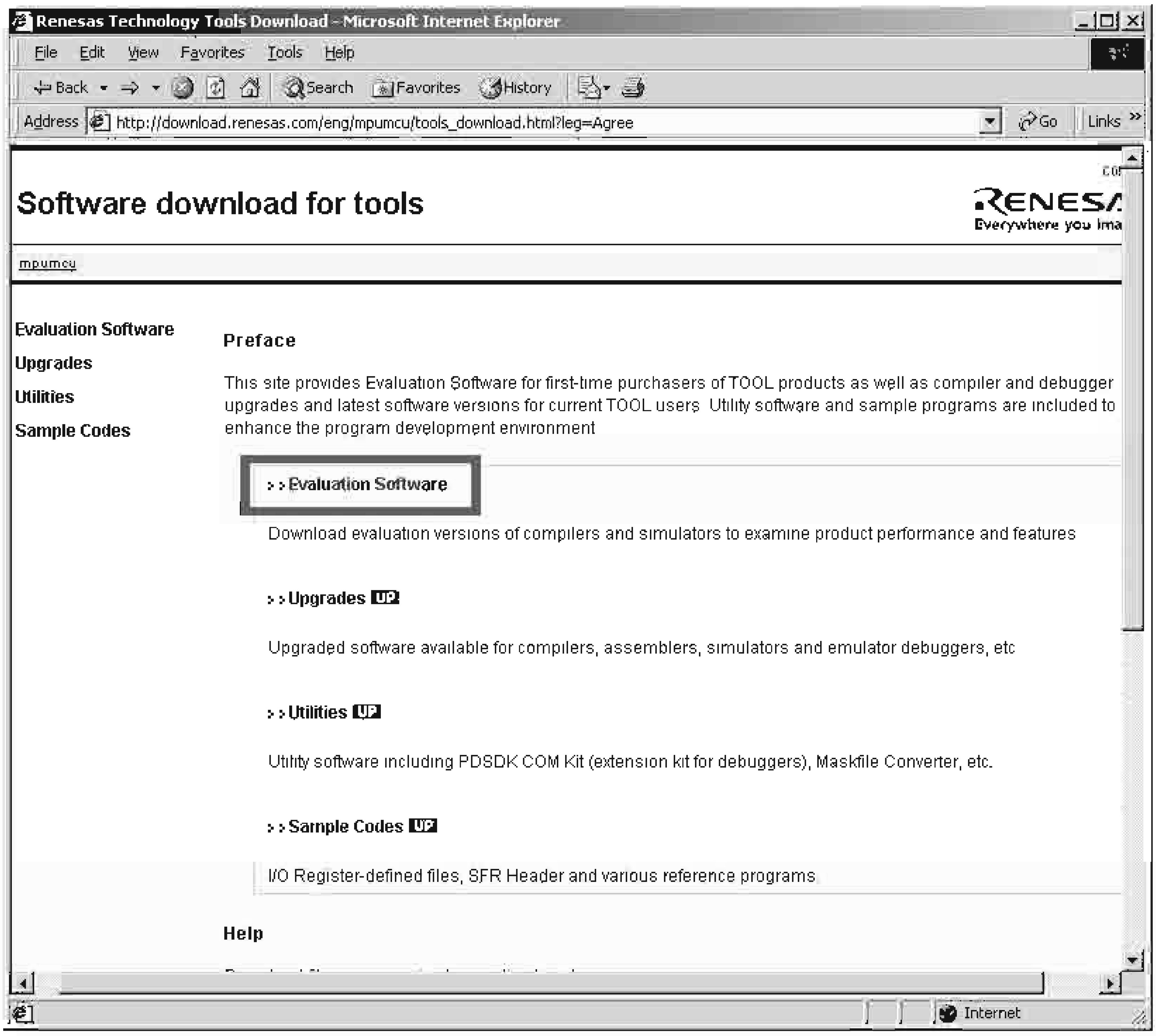
Check the **Agree** on AGREEMENT And click **Submit**

AGREEMENT から **Agree** にチェックを入れ **Submit** をクリックします。



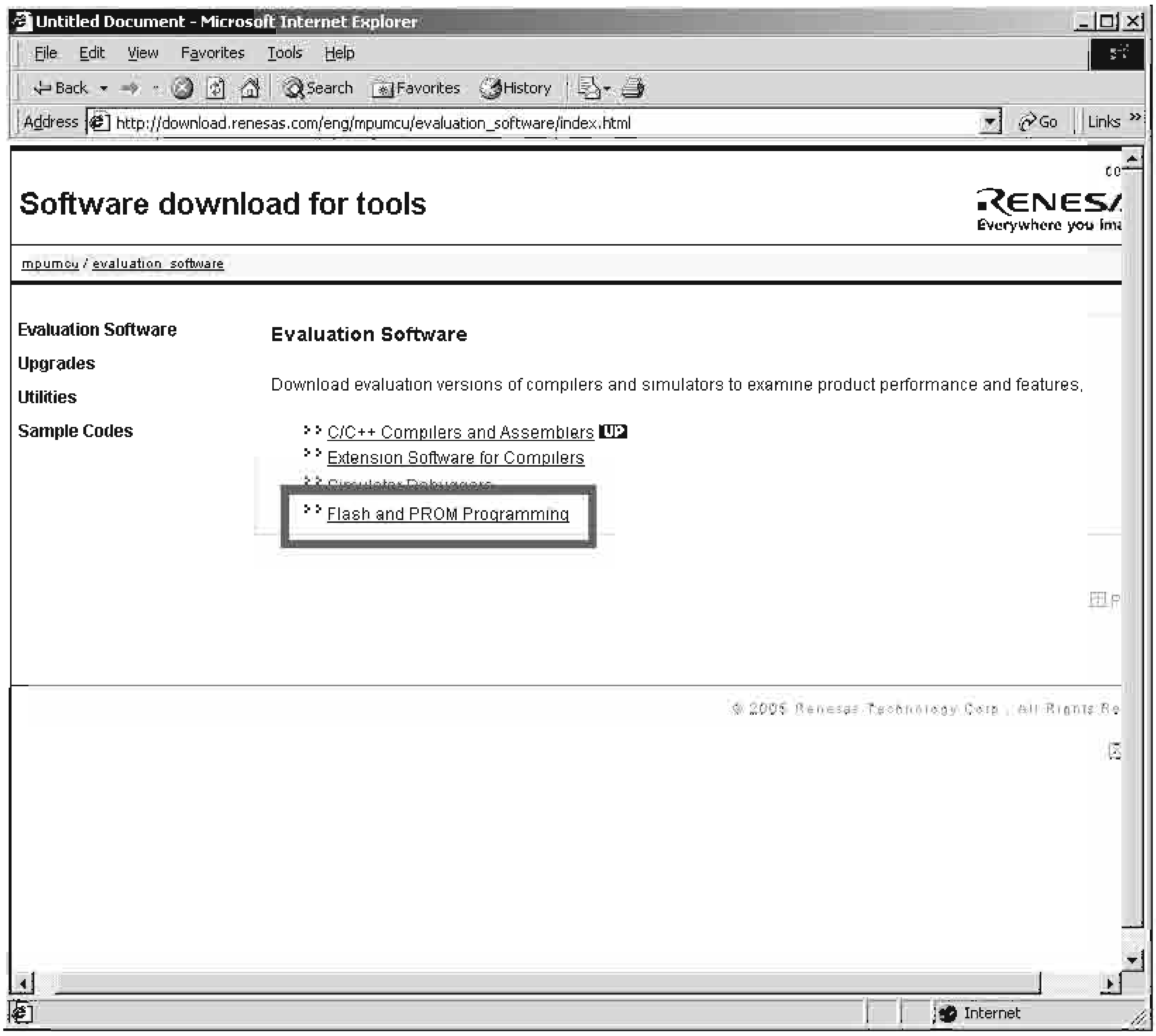
Click **Evaluation Software**.

Evaluation Software をクリックします。



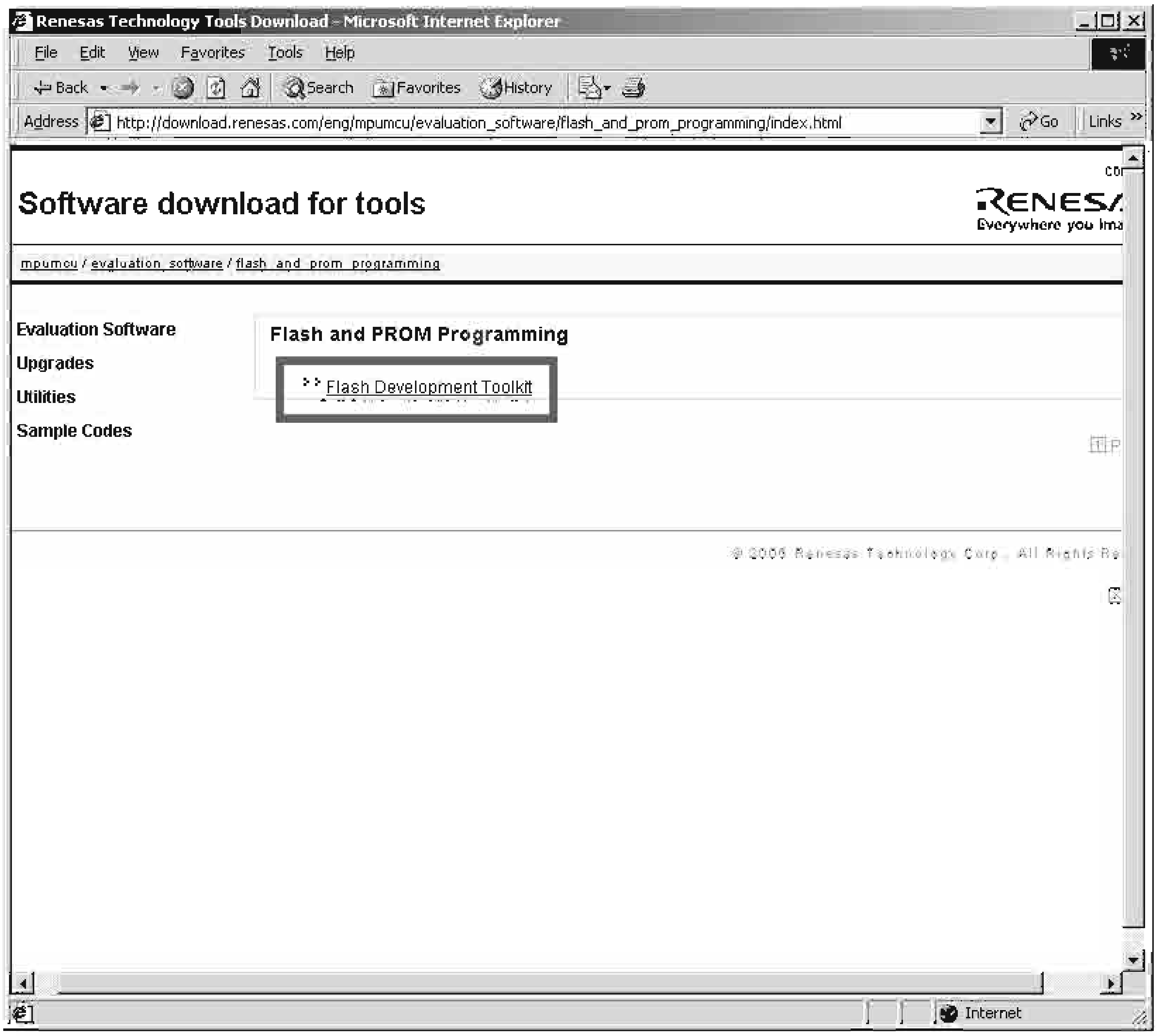
Click Flash and PROM Programming.

Flash and PROM Programming をクリックします。



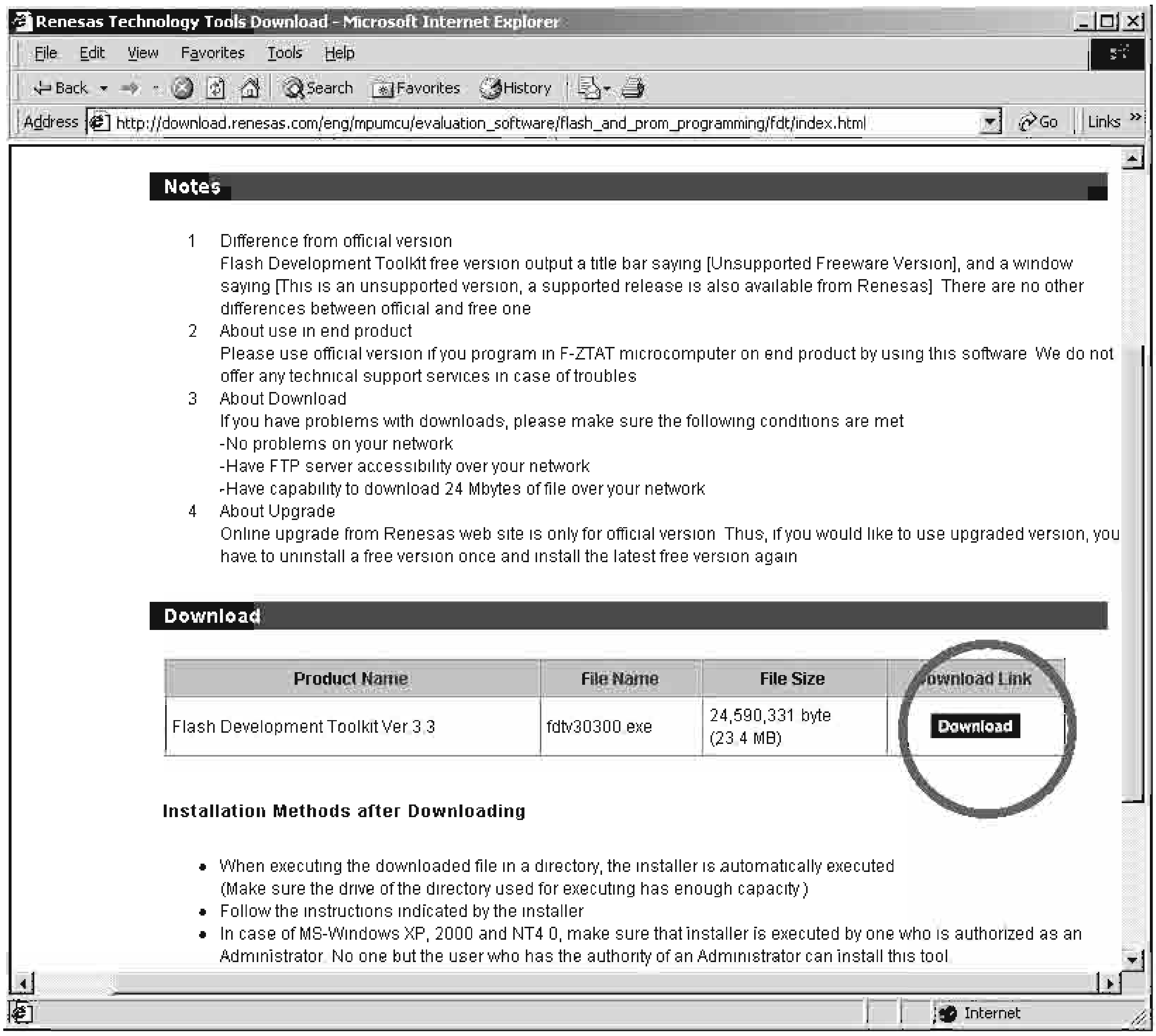
Click Flash Development Toolkit.

Flash Development Toolkit をクリックします。



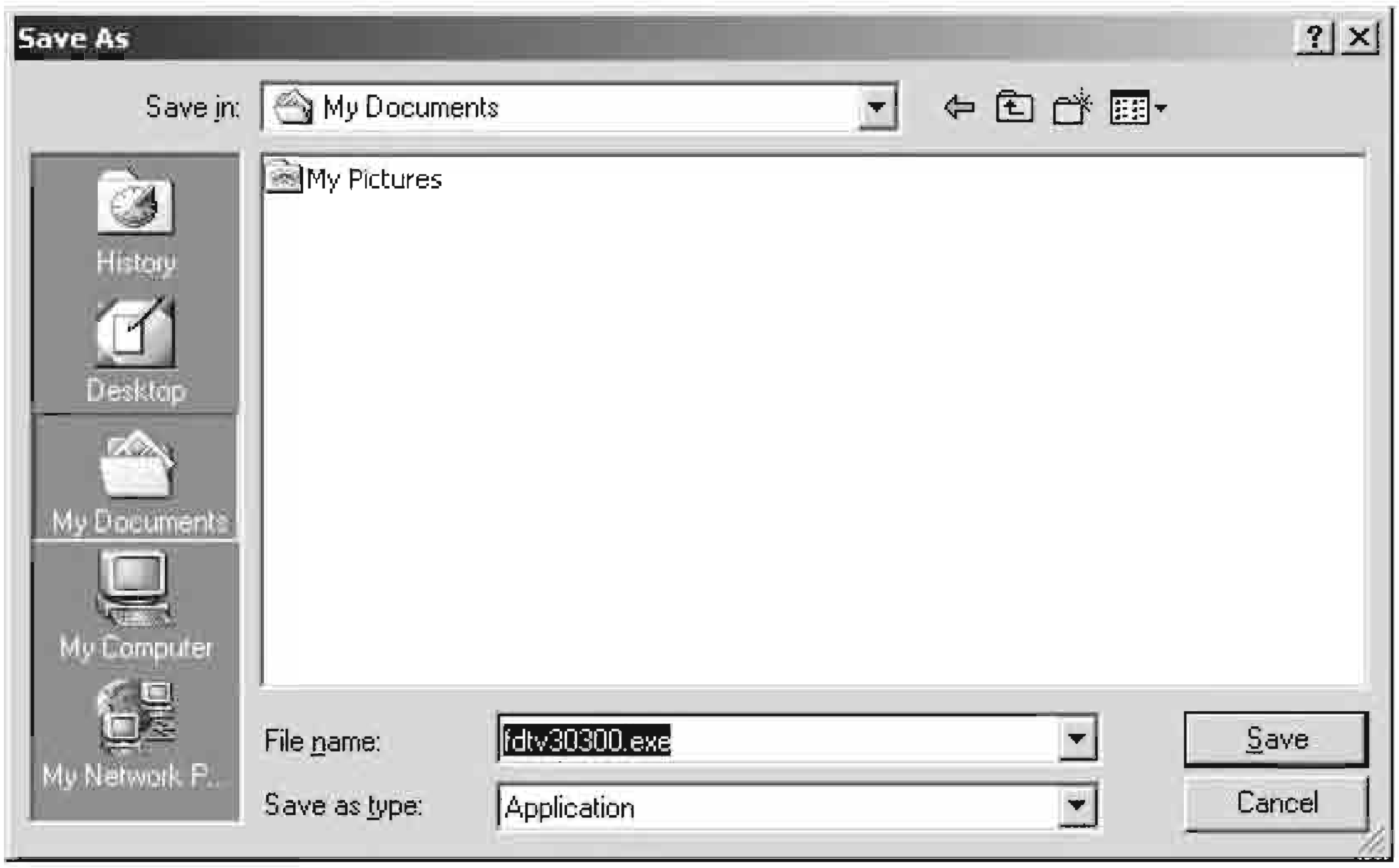
Click **Download**.

Page Down をし、**Download** をクリックします。



Save the **fdtv30300.exe** on your PC's hard disc.
(A file name is changed by improvement.)

fdtv30300.exe を任意のフォルダに保存します。
(ファイル名はヴァージョンアップにより変更になる場合があります。)

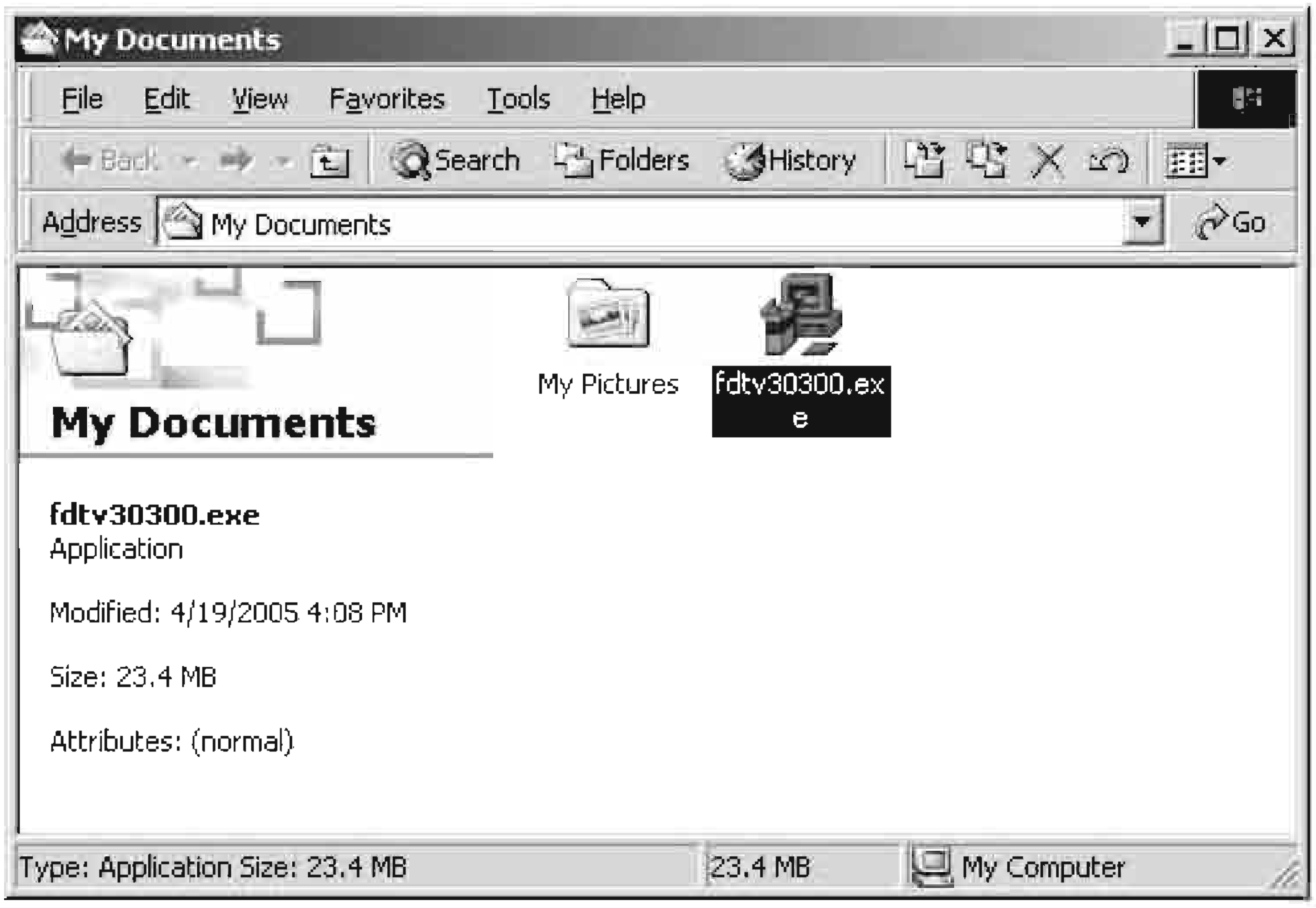


INSTALLS OF THE SOFTWARE (FLASH DEVELOPMENT TOOLKIT VER.3.3)

Open the folder with the downloaded file. And double click the **fdtv30300.exe**.

INSTALLS OF THE SOFTWARE (FLASH DEVELOPMENT TOOLKIT VER.3.3)

ダウンロードしたファイルを保存しているフォルダを開きます。**fdtv30300.exe** ファイルをダブルクリックします。



Click **Next >**.

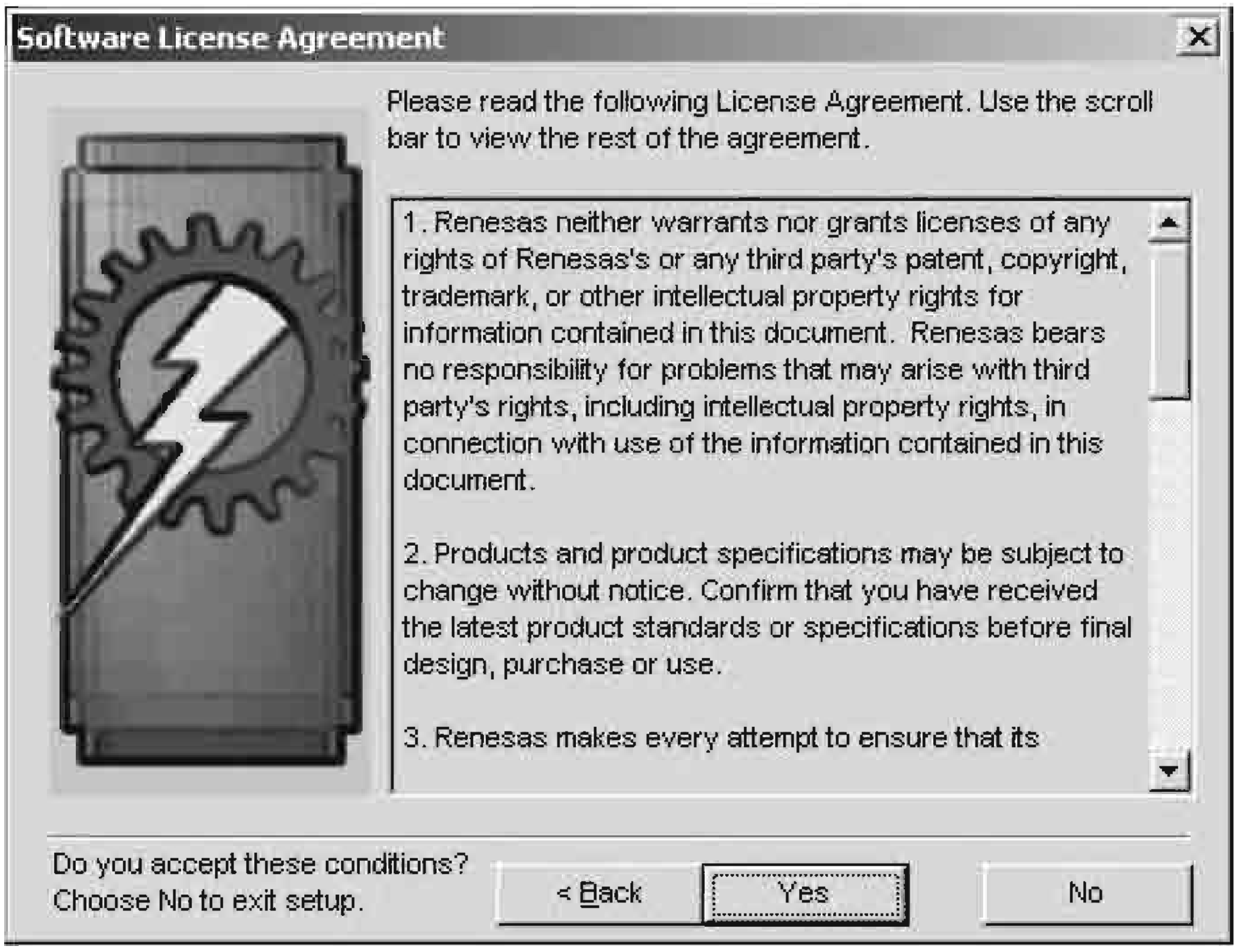
Next > をクリックします。

Choose the language. And click **Next >**.

言語を選んで **Next >** をクリックします。

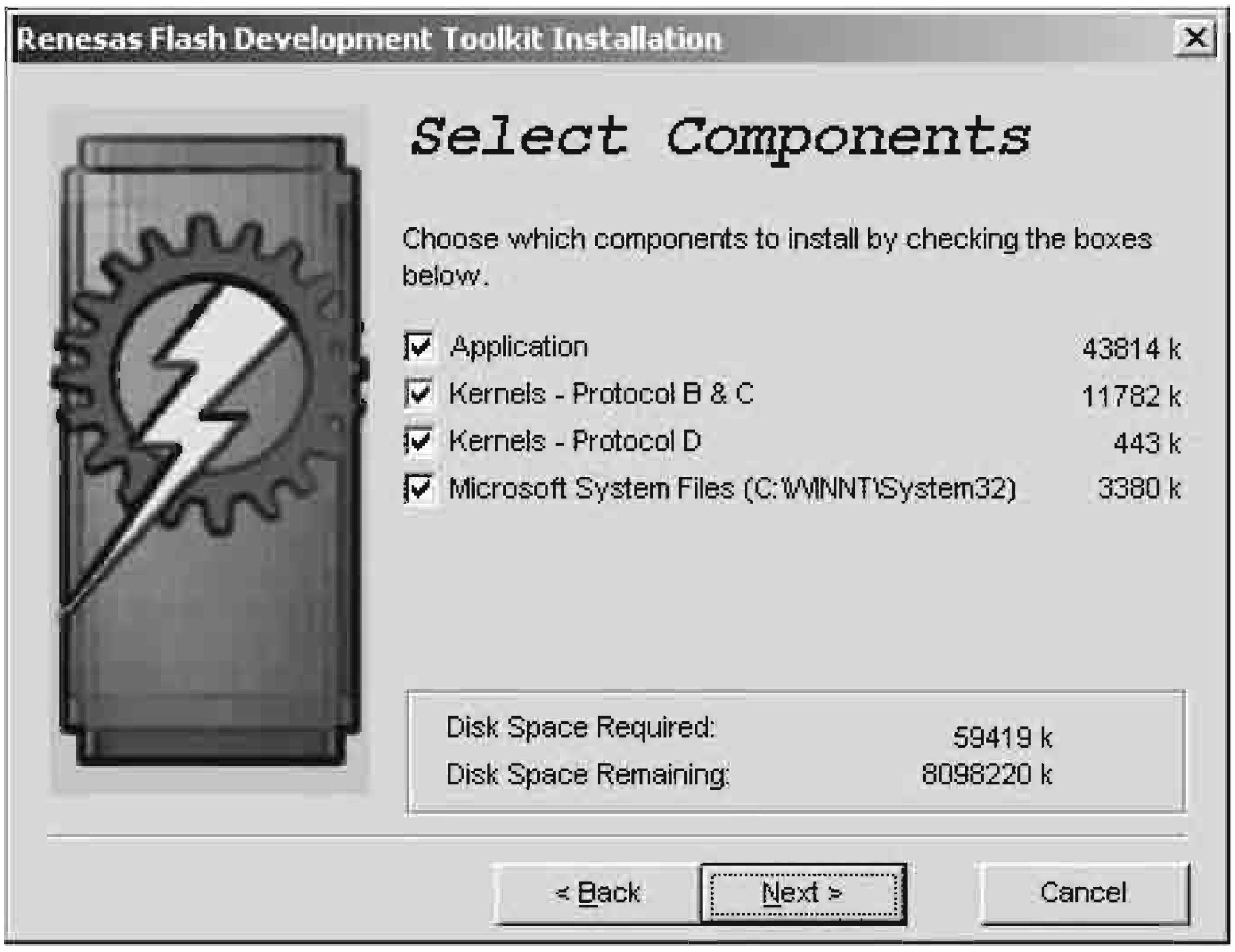
Click **Yes**.

Yes をクリックします。



Click **Next >**.

Next > をクリックします。

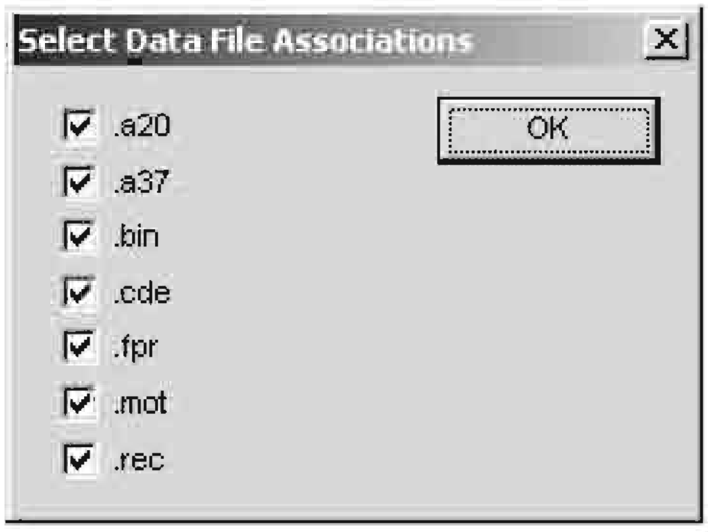


Click **Customise**.

Customise をクリックします。

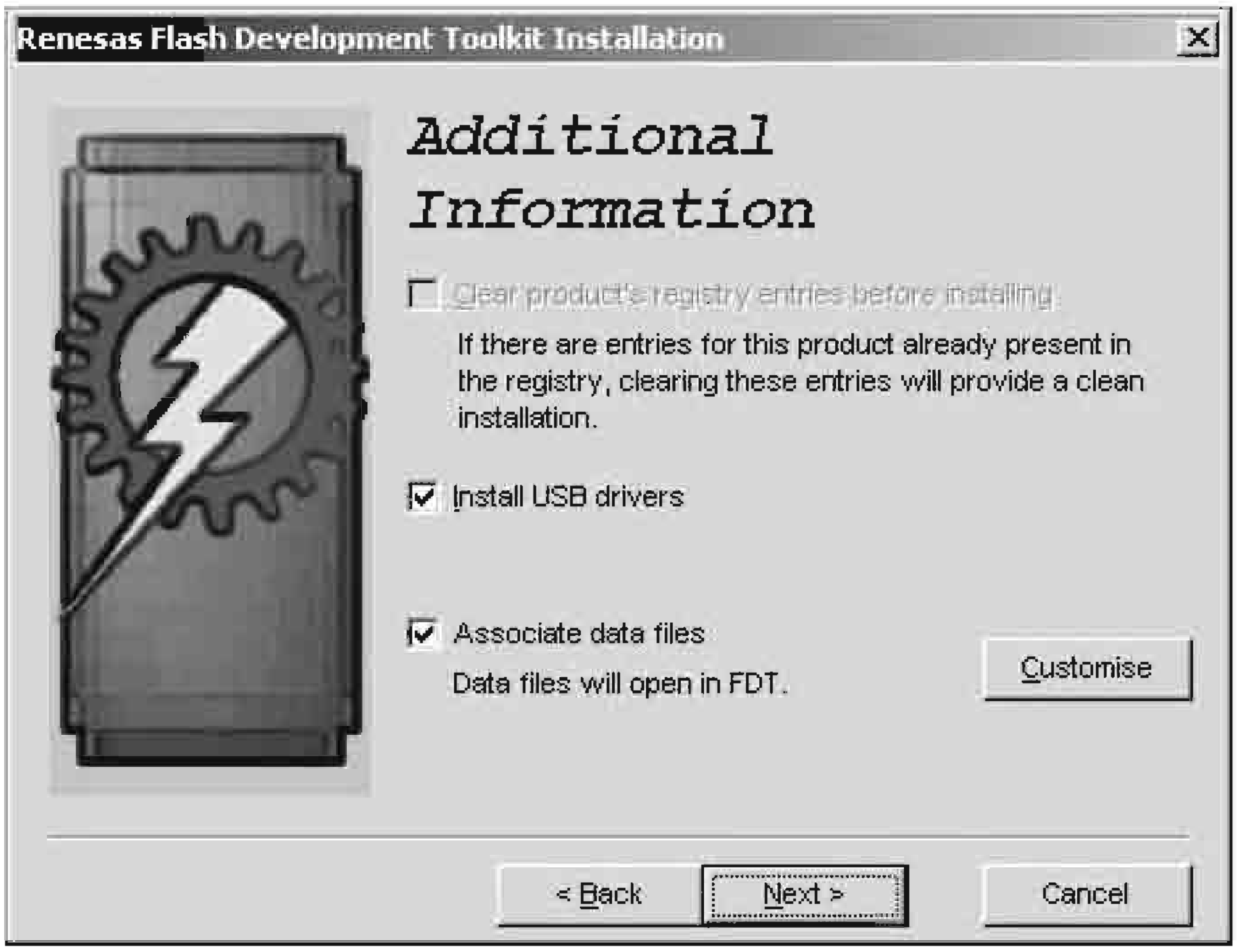
Check to the all check box. And click **OK**.

全てのチェックボックスにチェックが入っていることを確認し、**OK** をクリックします。



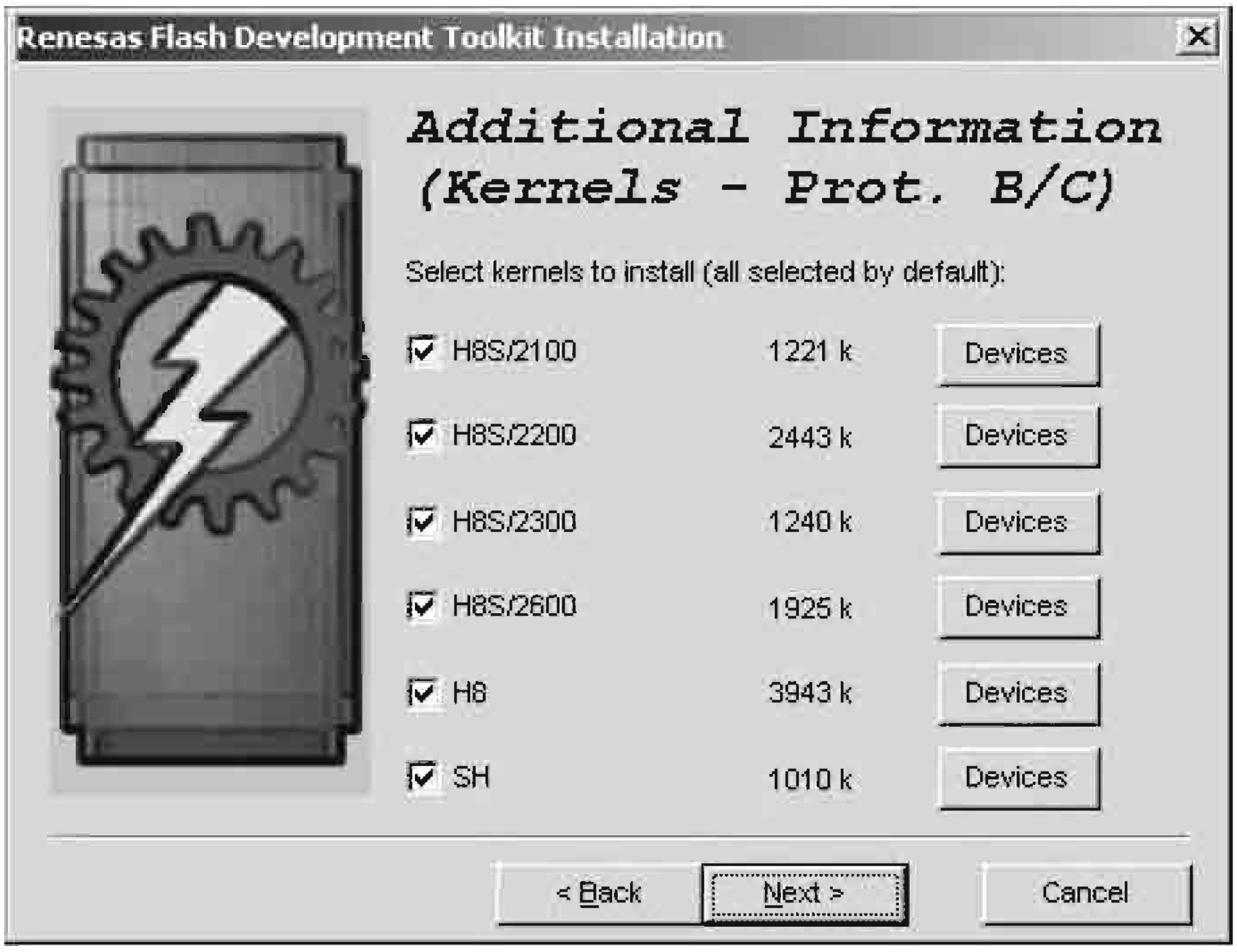
Click **Next** >.

Next > をクリックします。



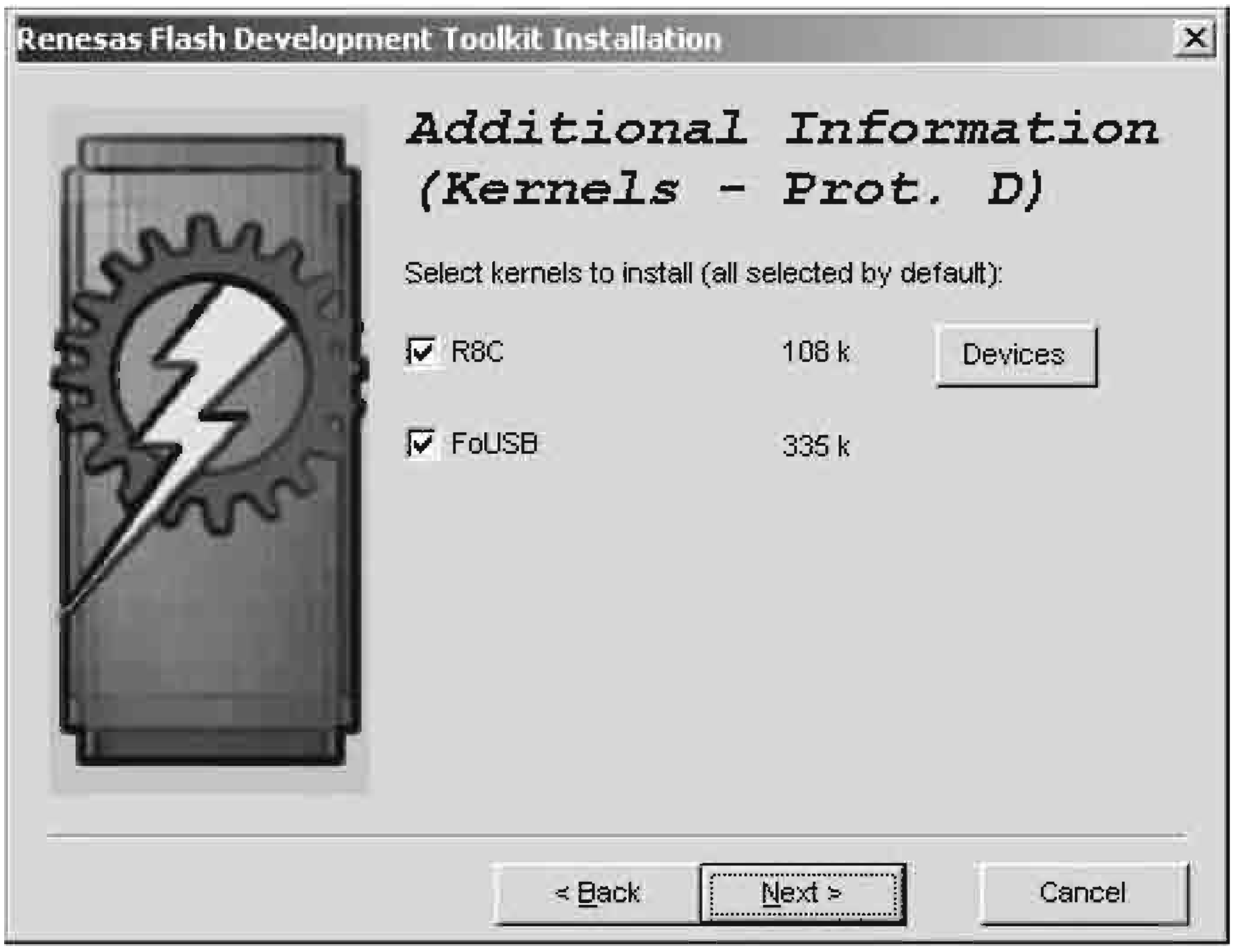
Check to the all check box. And click **Next >**.

全てのチェックボックスにチェックが入っていることを確認し、**Next >** をクリックします。



Click **Next >**.

Next > をクリックします。



Click **Next >**.

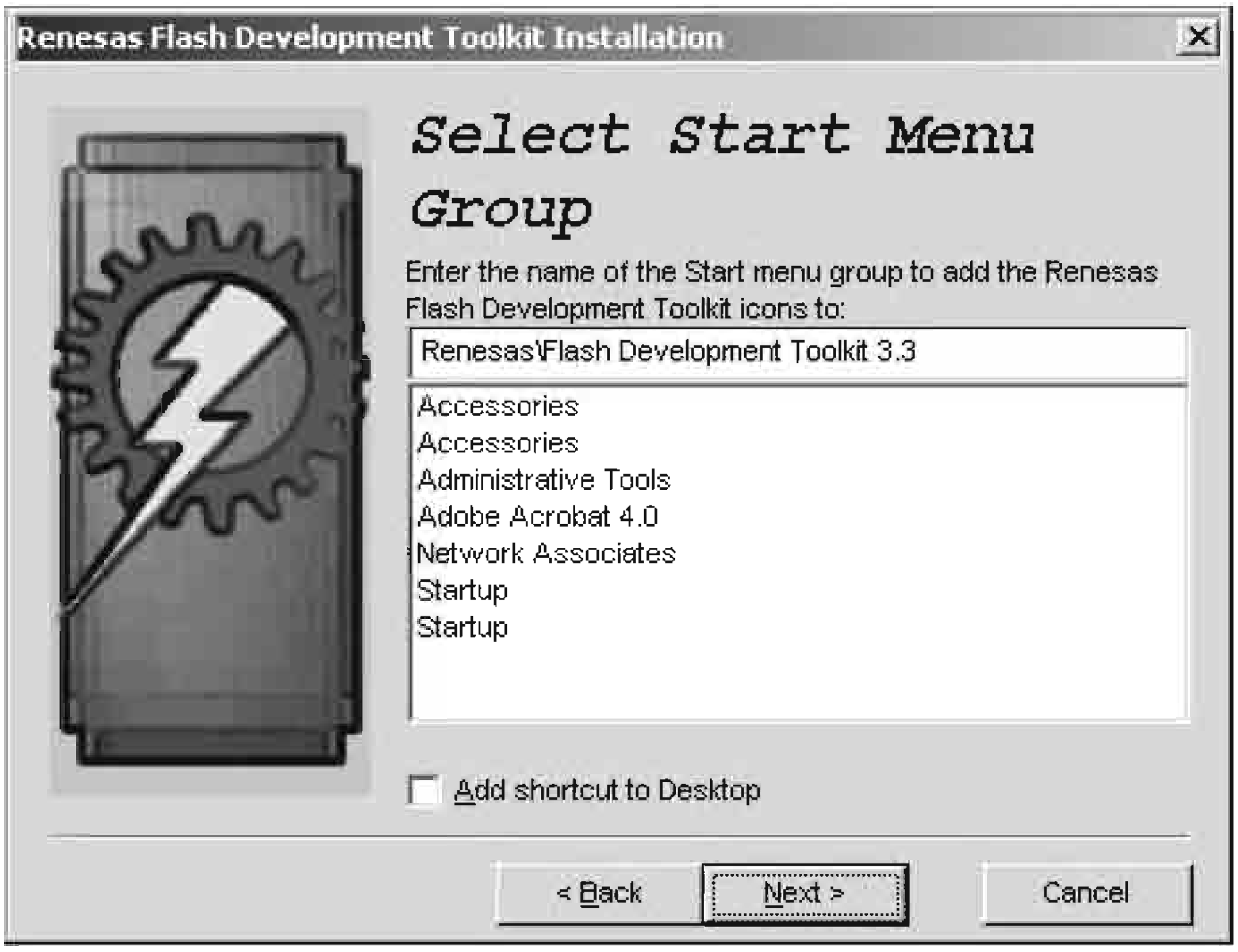
Next > をクリックします。

Click **Next >**.

Next > をクリックします。

Click **Next >**.

Next > をクリックします。



Click **Install**.

Install をクリックします。

The status bar appears.

インストールを開始します。

Click **Finish**.

Finish をクリックしてインストールを完了します。

[B] UPDATE MAIN AND SUB MICROPROCESSOR PROCEDURE

NECESSARY EQUIPMENT
- Windows PC (With Serial Port)
- RS-232C Cable straight type (9 Pin female - 9 Pin female)
- Update Tool (FDT)
- Update data :

  (00M11AJ499Bxx.mot: For MAIN u-P)

  (00M11AJ499Fxx.mot: For SUB u-P)

NOTE: xx is a revision number.

CABLE CONNECTION
Disconnect the mains cable from the Unit.
Connect RS-232C on the rear panel of the Unit and Serial Port of windows PC with RS-232C cable.

WRITING MODE (MAIN ONLY)
Insert a thin rod to the hole near the MULTI RC terminal and push the switch inside to turn on the switch.

[MAIN AND SUB MICROPROCESSOR の書き換え方法]

必要機器
- Windows PC (Serial Port 付き)
- RS-232C ストレートケーブル (9Pin メス　9Pin メス)
- 書き込み用アプリケーションツール (FDT)
- 書き込み用データ :

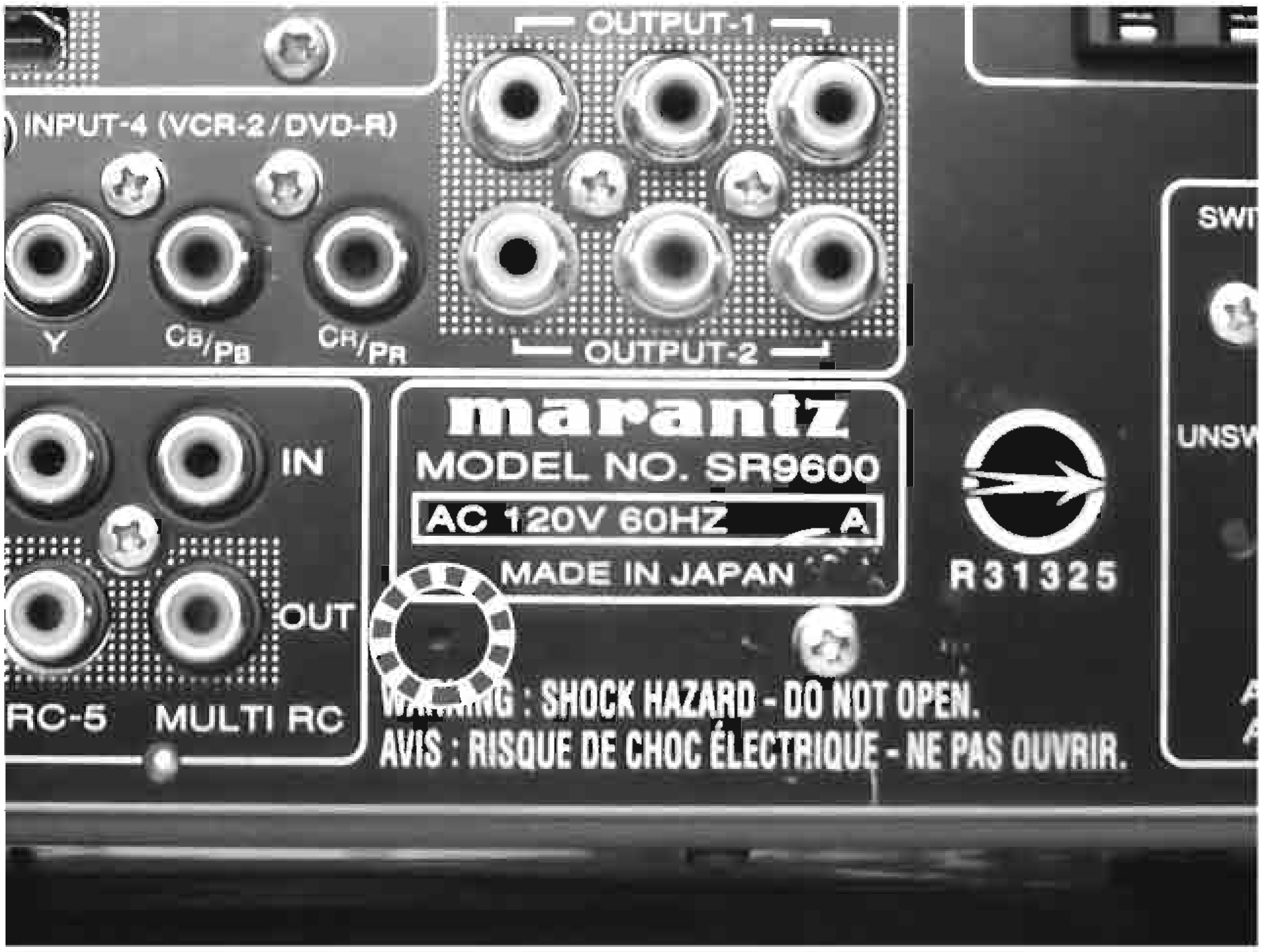
  (00M11AJ499Bxx.mot: MAIN マイコン用)

  (00M11AJ499Fxx.mot: SUB マイコン用)

NOTE: xx は改版番号です。

ケーブル接続
電源ケーブルを本機から外します。
Windows PC の Serial Port と本機の RS-232C Port を
RS-232C ケーブルで接続します。

書き込みモード (MAIN マイコンのみ)
細い棒を使い本機の MULTI RC 端子の右となりにある穴からスイッチを押して書き込みモードに入ります。



Connect the mains cable into the Unit.
The Unit's STANDBY (green) indicators turn on lights.

本機に電源ケーブルを差し込みます。
本機の STANDBY(緑) が点灯します。

THE WRITING SOFTWARE SETUP PROCEDURE.

A setup is common to MAIN and SUB.

Launch up the writing software.

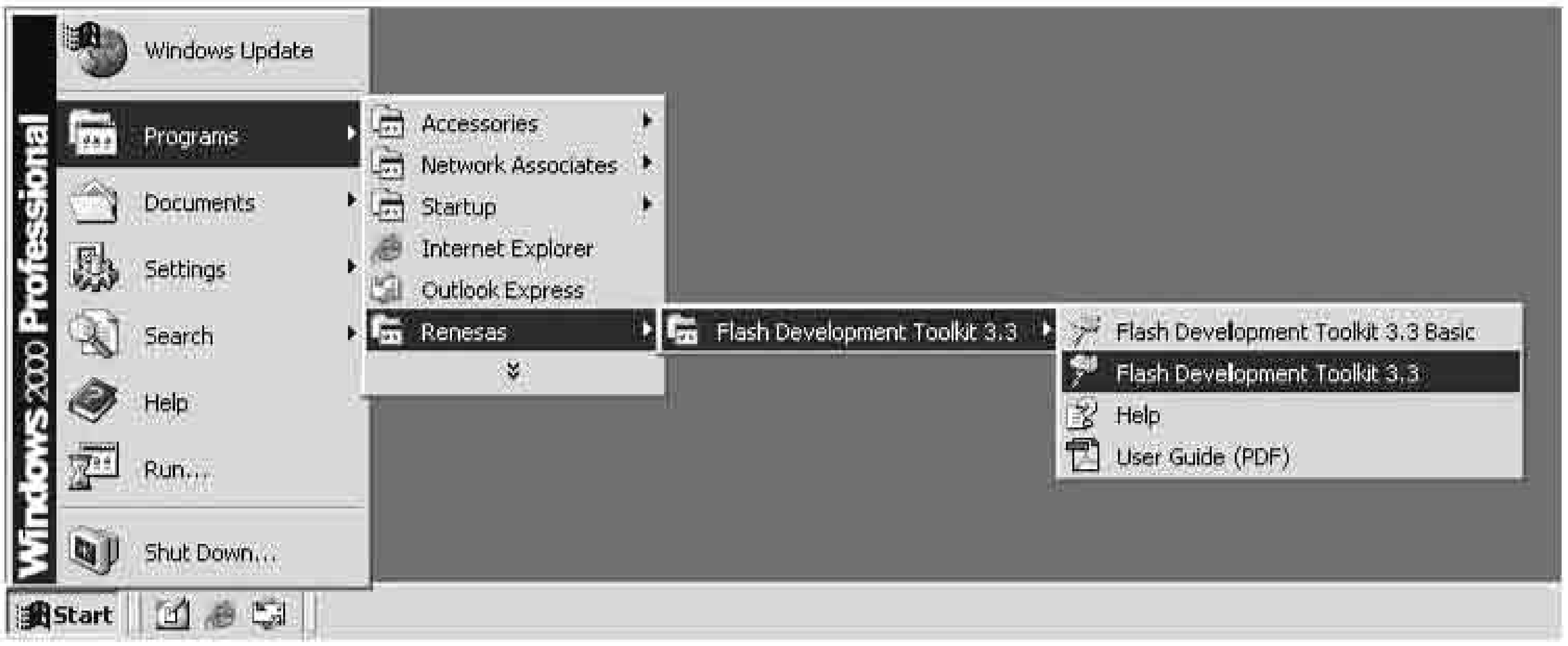
書き込みソフトウェアの設定

ソフトウェアの設定は MAIN と SUB とで共通です。

FDT を起動します。

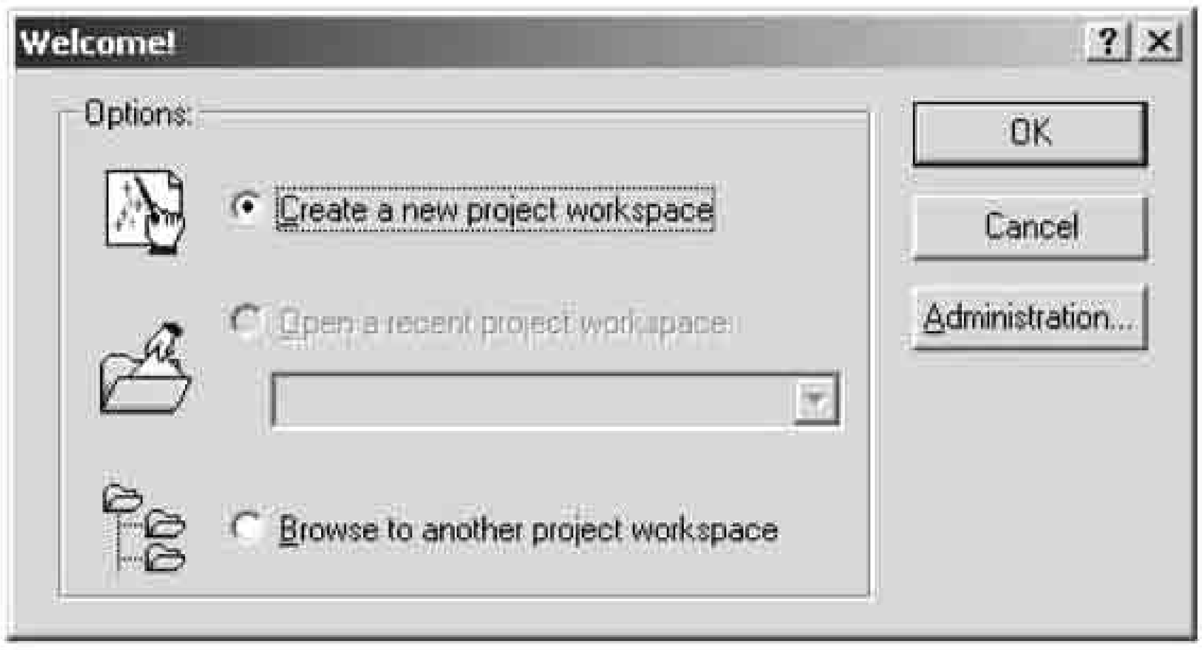
Click **Start**, **Programs**, **Renesas**, **Flash Development Toolkit 3.3** and **Flash Development Toolkit 3.3**.

Start → **Programs** → **Renesas** → **Flash Development Toolkit 3.3** → **Flash Development Toolkit 3.3** をクリックします。



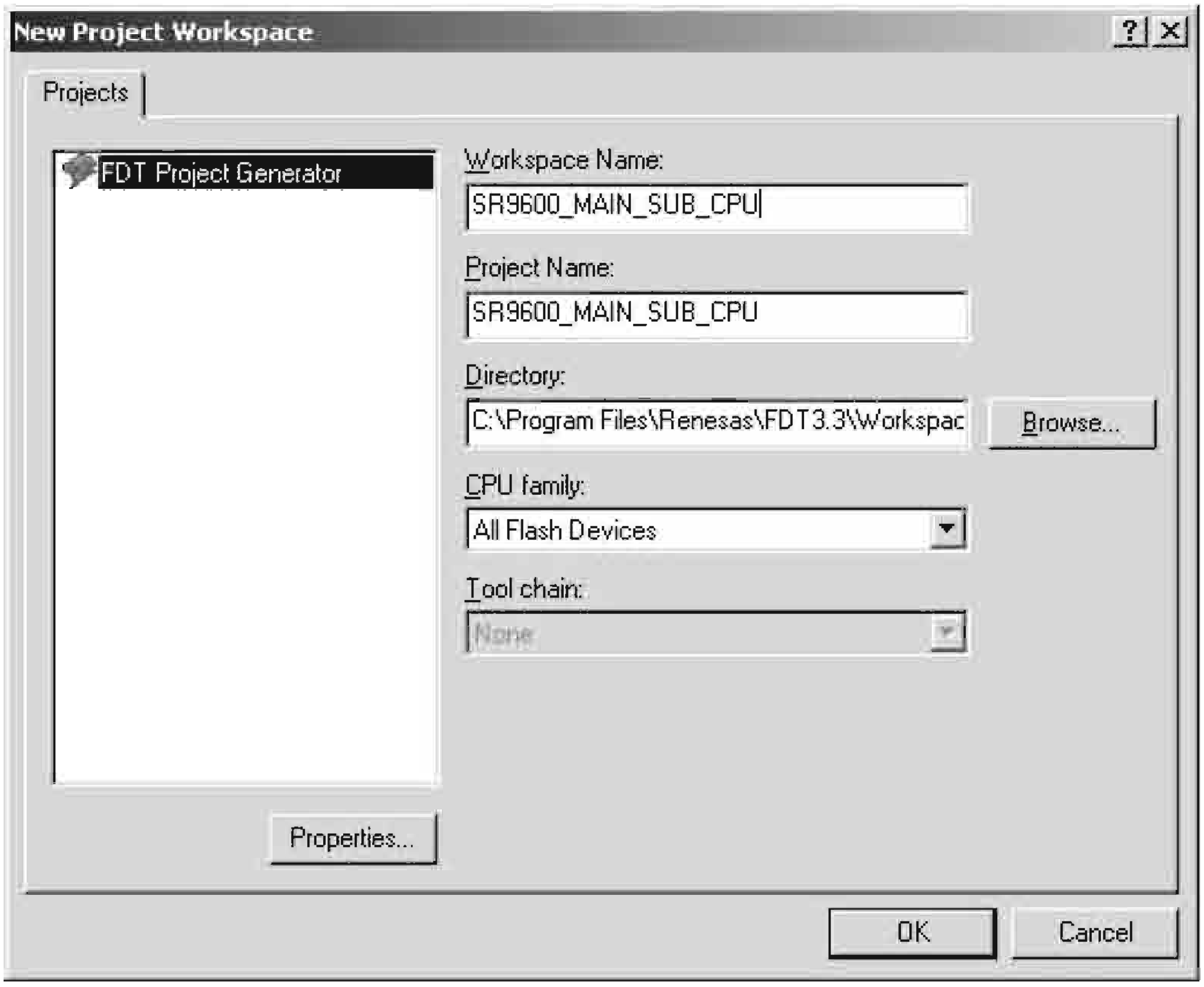
Check **Create a new project workspace**, and click **OK**.

Create a new project workspace にチェックを入れ、**OK** をクリックします。



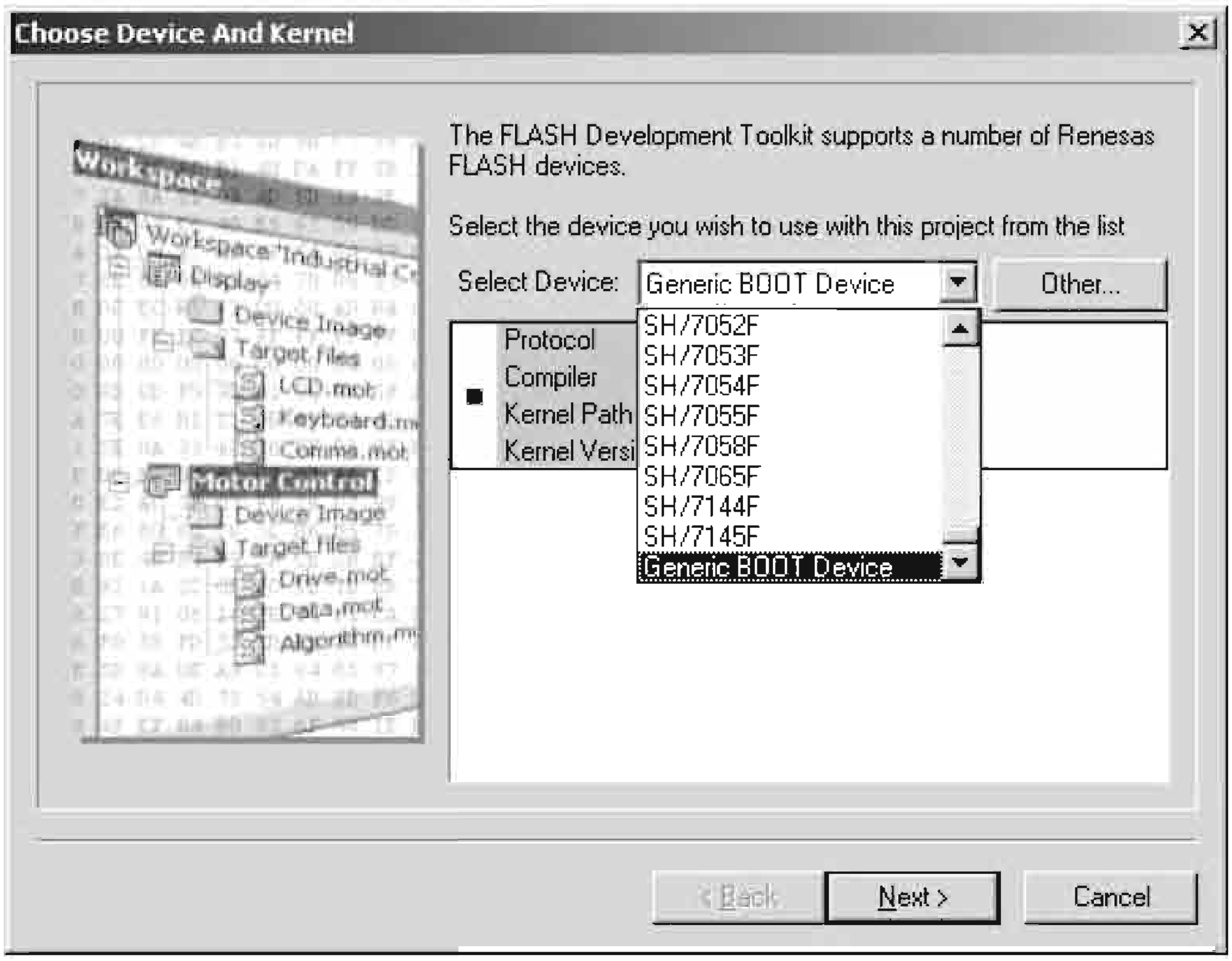
SR9600_MAIN_SUB_CPU is inputted into the Workspace name. (It is simultaneously inputted into Project Name.)
Click **OK**

Workspace Name に **SR9600_MAIN_SUB_CPU** と入力します。(同時に Project Name にも入力されます。)
OK をクリックします。



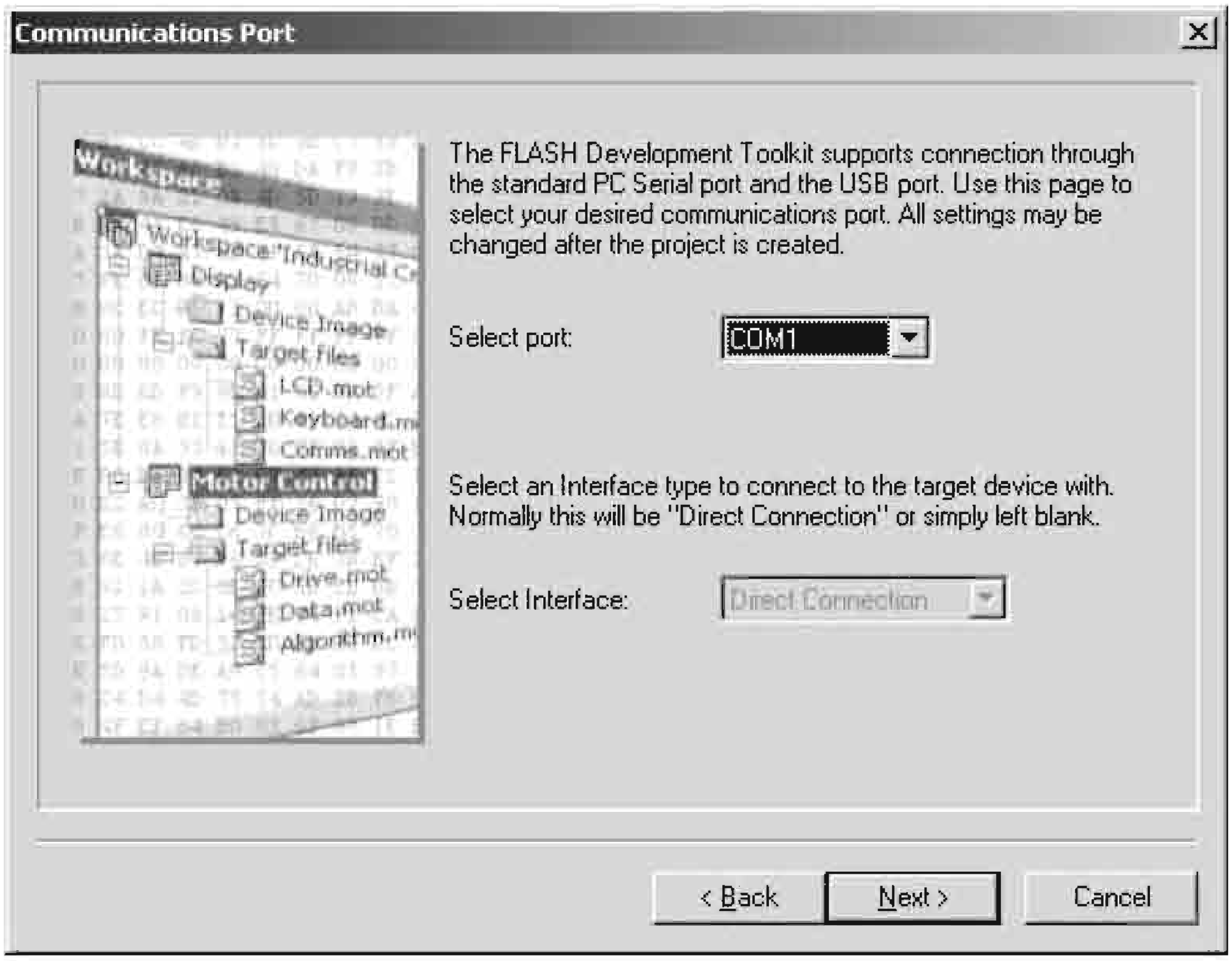
Choose the **Generic BOOT Device** in Select Device.
Click **Next >**.

Select Device から **Generic BOOT Device** を選びクリックします。**Next >** をクリックします。



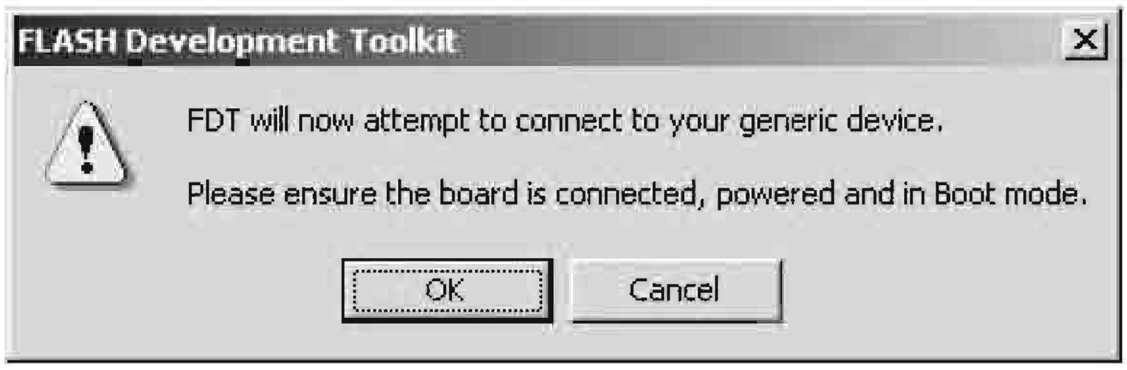
Choose the **Serial port No.** in the Select Port.
Click **Next** >.

Select Port から接続する **Serial Port** 番号を選びクリックします。**Next** >をクリックします。



Click **OK**.

OK をクリックします。



The check of a device is performed automatically.

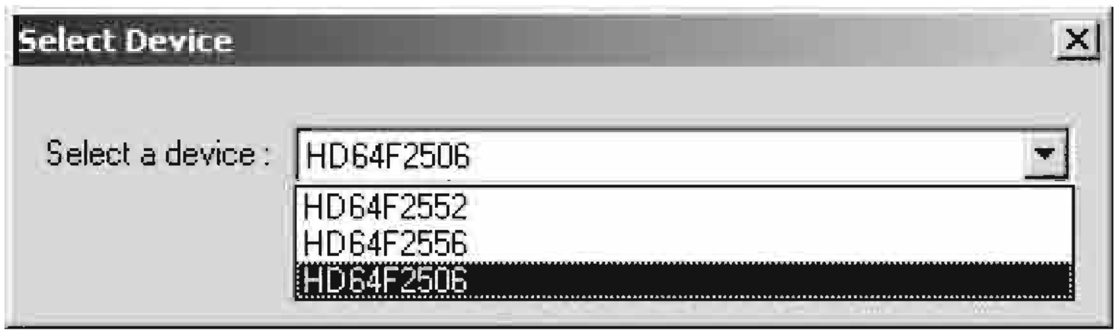
デバイスのチェックが行われます。

Choose the **HD64F2506** in Select a device.

Click **OK**

Select a device から **HD64F2506** を選びクリックします。

OK をクリックします。

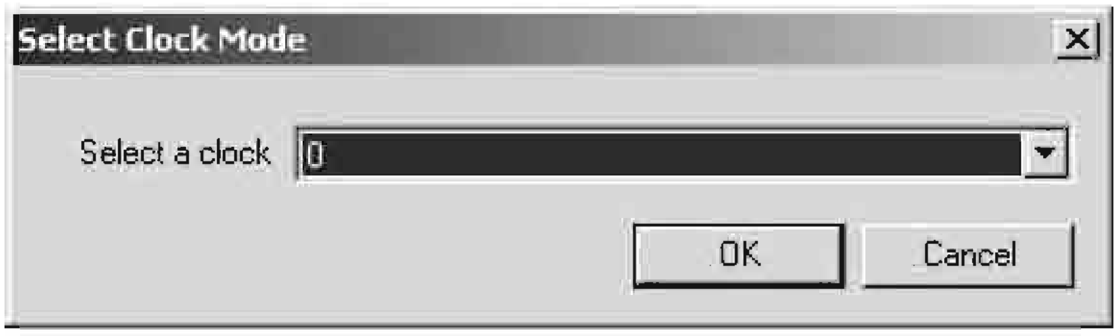


Choose the **0** in Select a clock.

Click **OK**

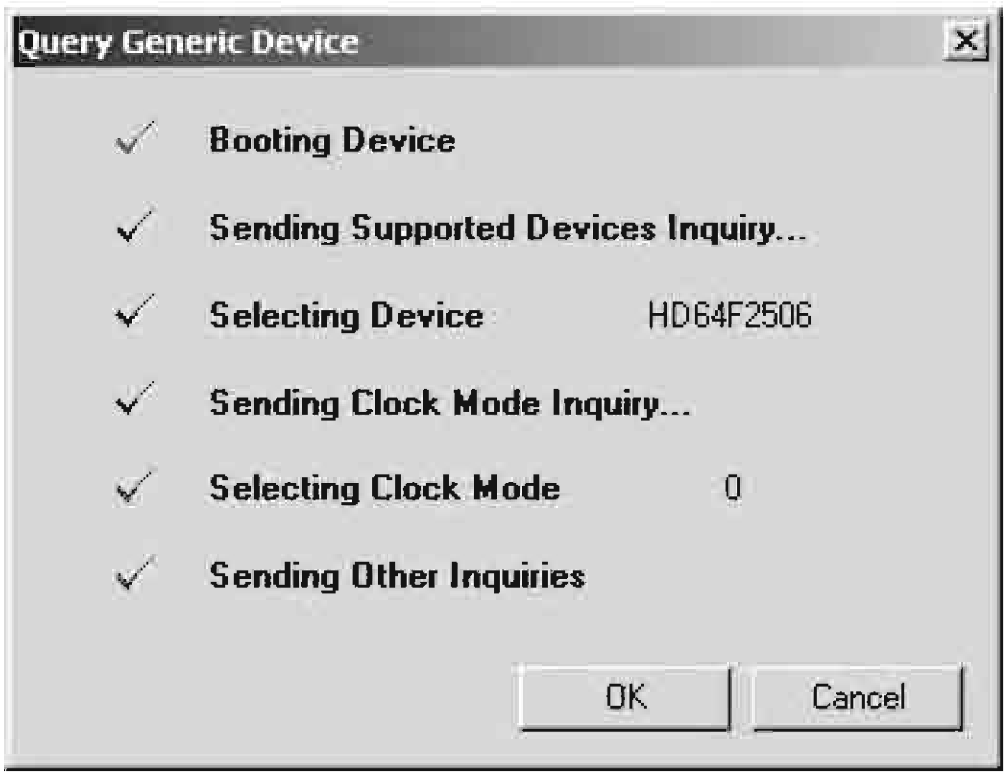
Select a clock から **0** を選びクリックします。

OK をクリックします。



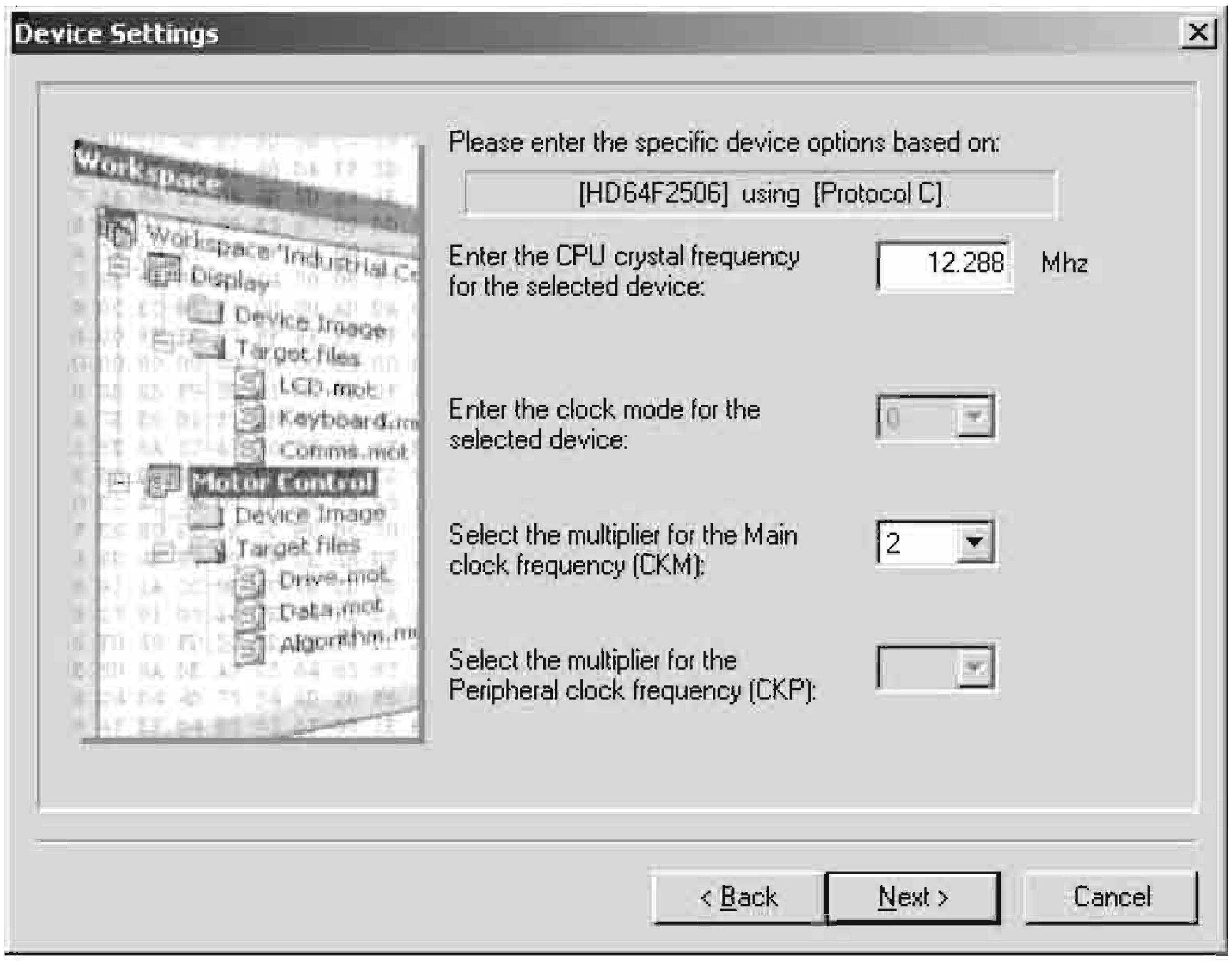
Click **OK**

OK をクリックします。



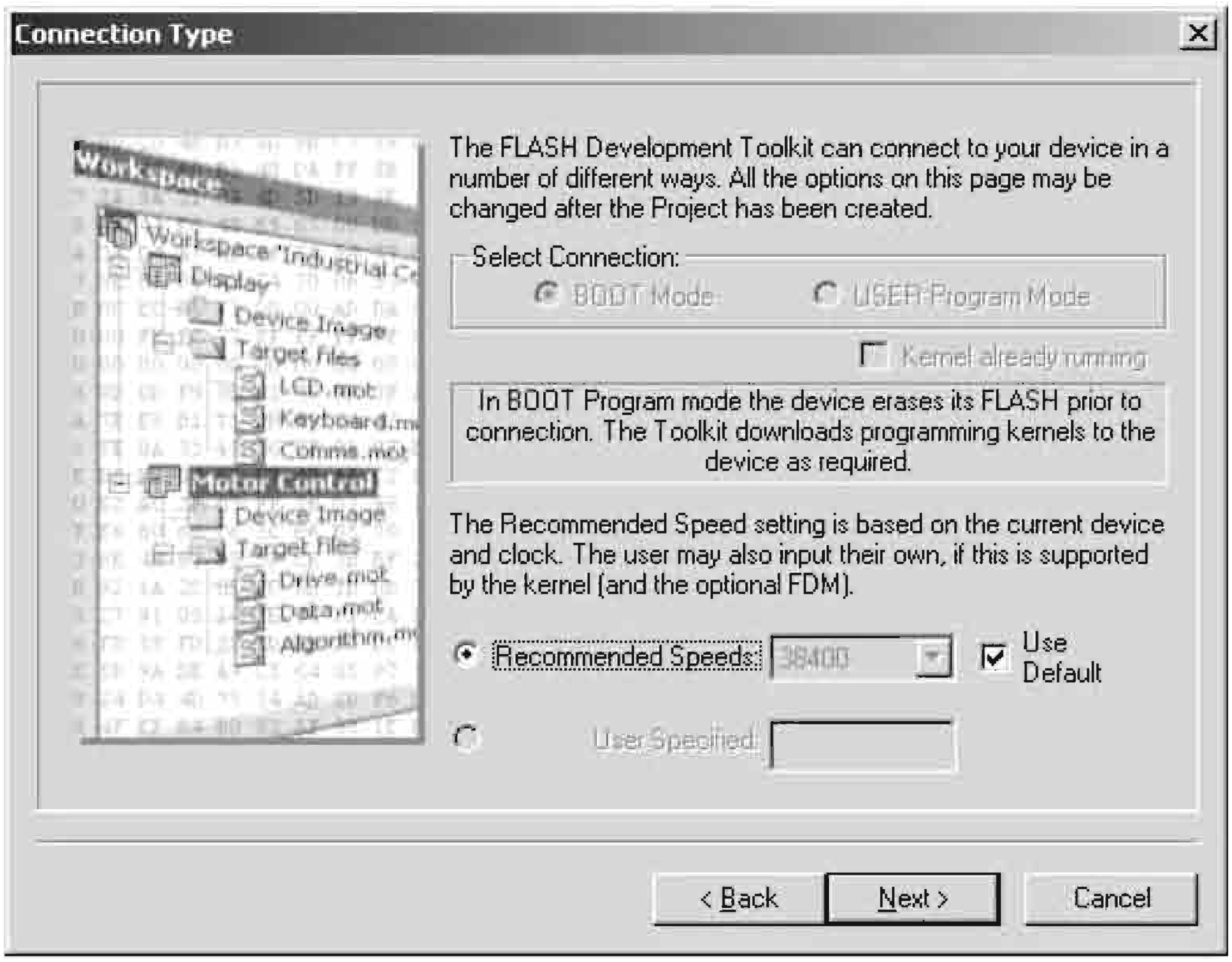
12.288 is inputted into the Enter the CPU crystal frequency for the selected device.
Click **Next >**.

Enter the CPU crystal frequency for the selected device: に **12.288** と入力します。
Next > をクリックします。



Check **Recommended Speeds** and **Use Default**, and click **Next >**.

Recommended Speeds と **Use Default** にチェックを入れて **Next >** をクリックします。



Check the **Automatic** in Protection.

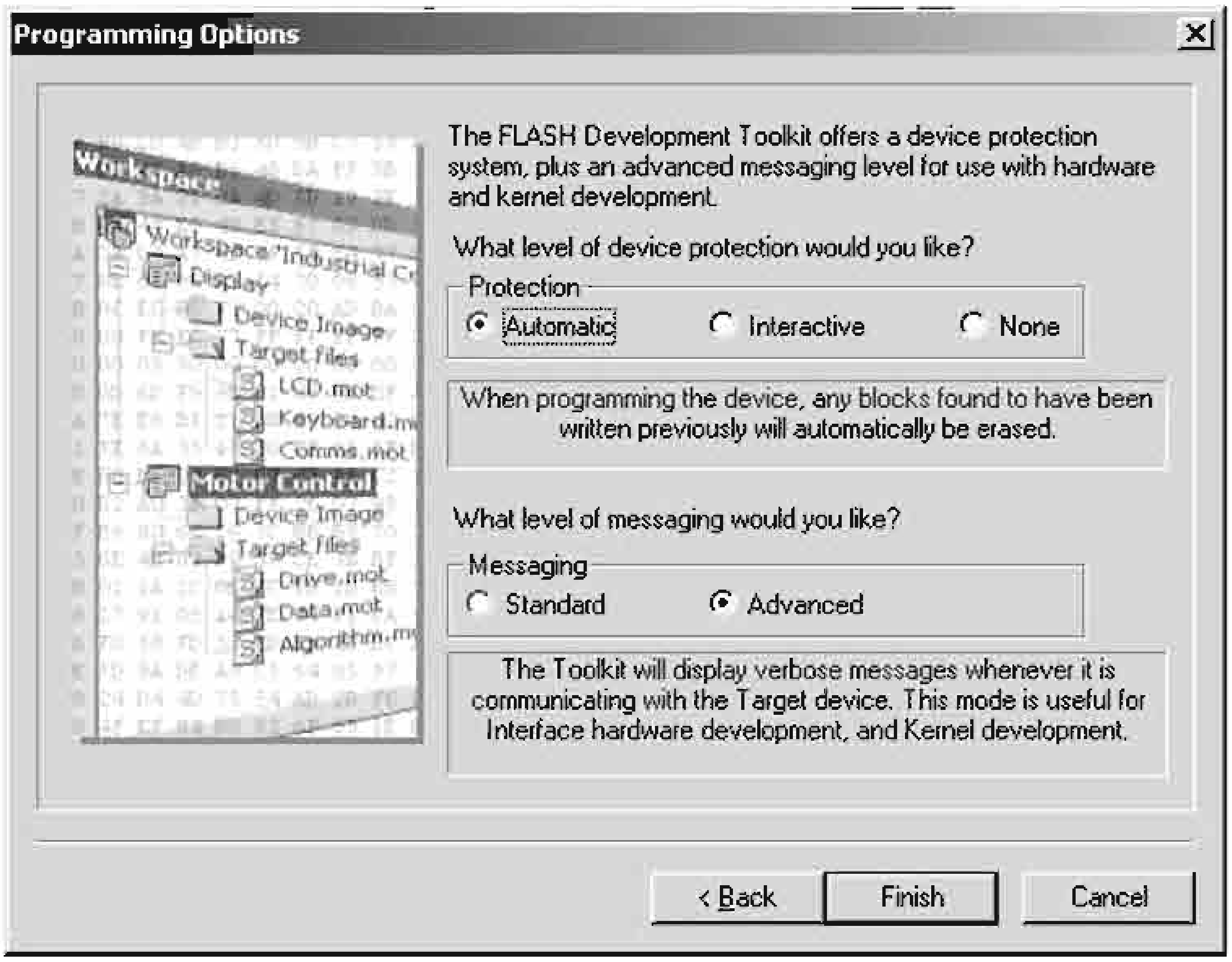
Check the **Advanced** in Messaging.

Click **Finish**.

Protection から **Automatic** にチェックを入れます。

Messaging から **Advanced** にチェックを入れます。

Finish をクリックします。



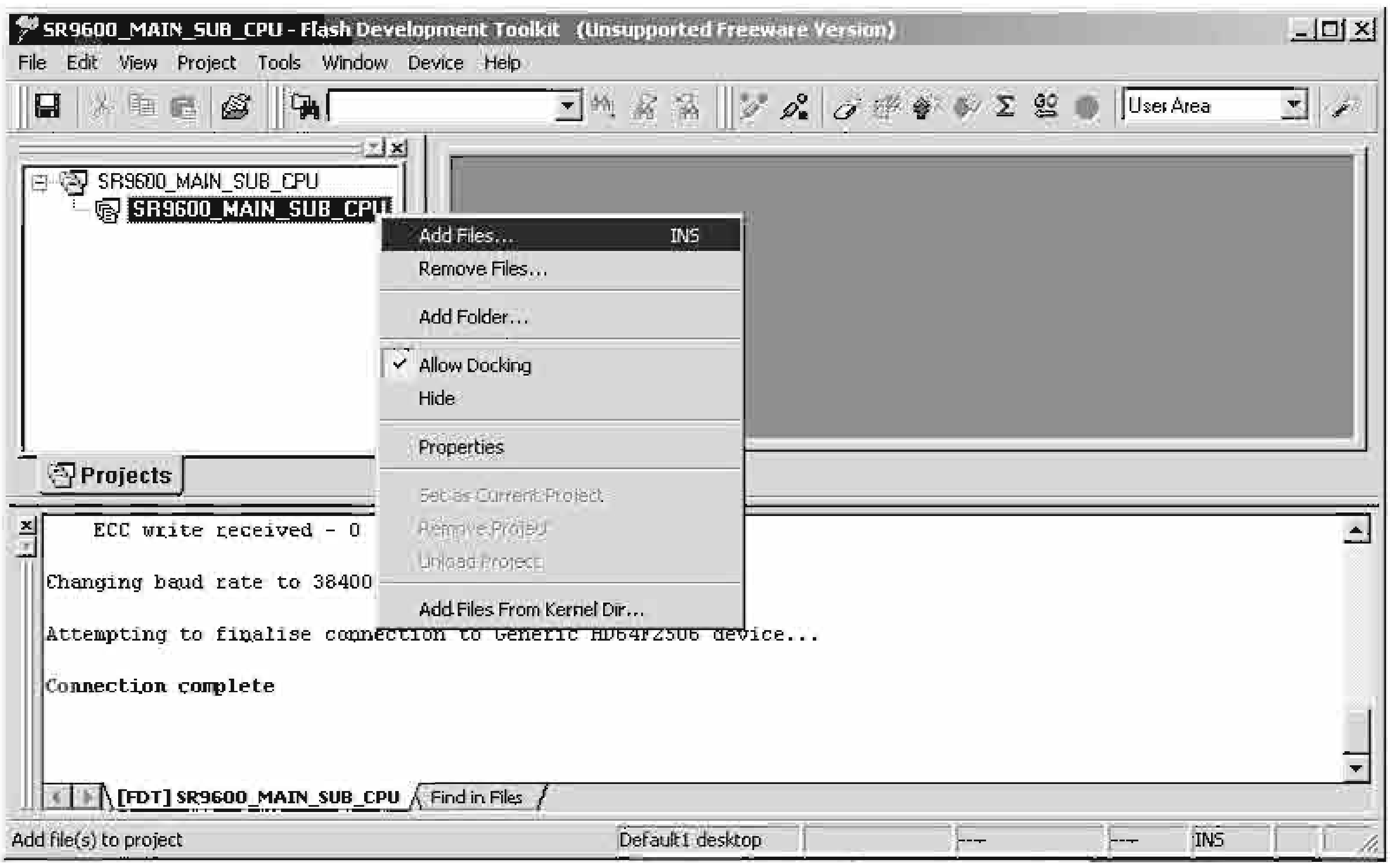
以上で設定は完了です。

WRITING PROCEDURE FOR MAIN MICROPROCESSOR

Right click on the **SR9600_MAIN_SUB_CPU**, and choose the **Add Files...** in a menu.

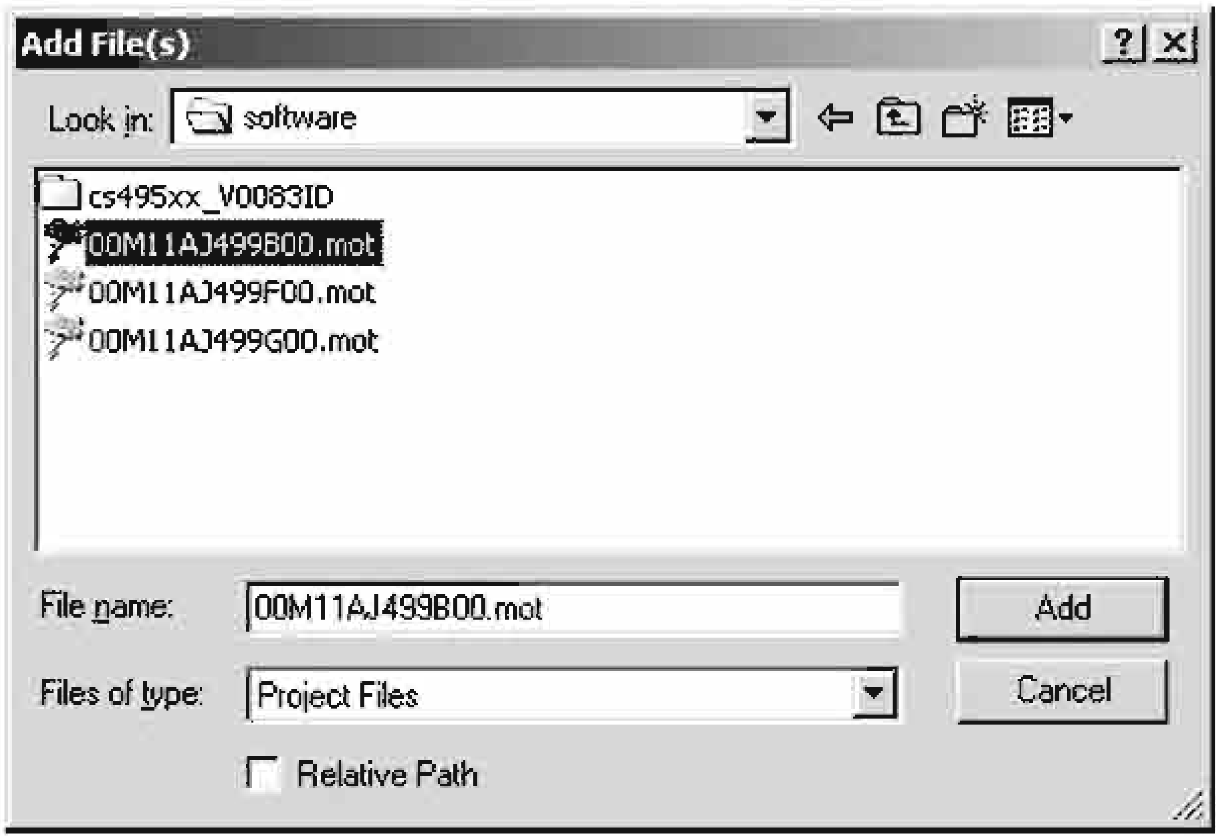
MAIN マイコンの書き込み方法

SR9600_MAIN_SUB_CPU を右クリックし、メニューから **Add Files...** を選びます。



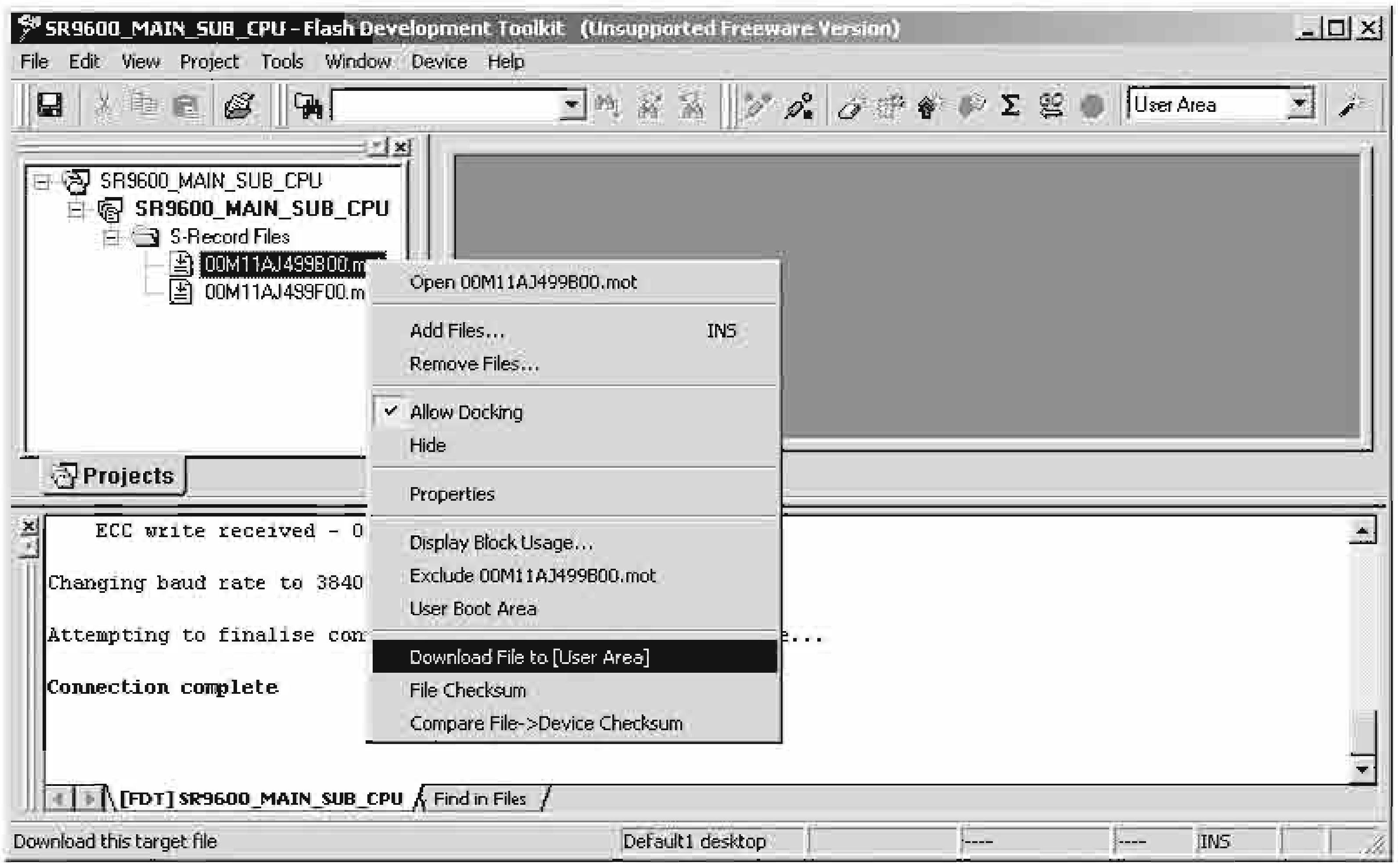
Select the **00M11AJ499Bxx.mot**, and click **Add**.

00M11AJ499Bxx.mot を選択し、**Add** をクリックします。



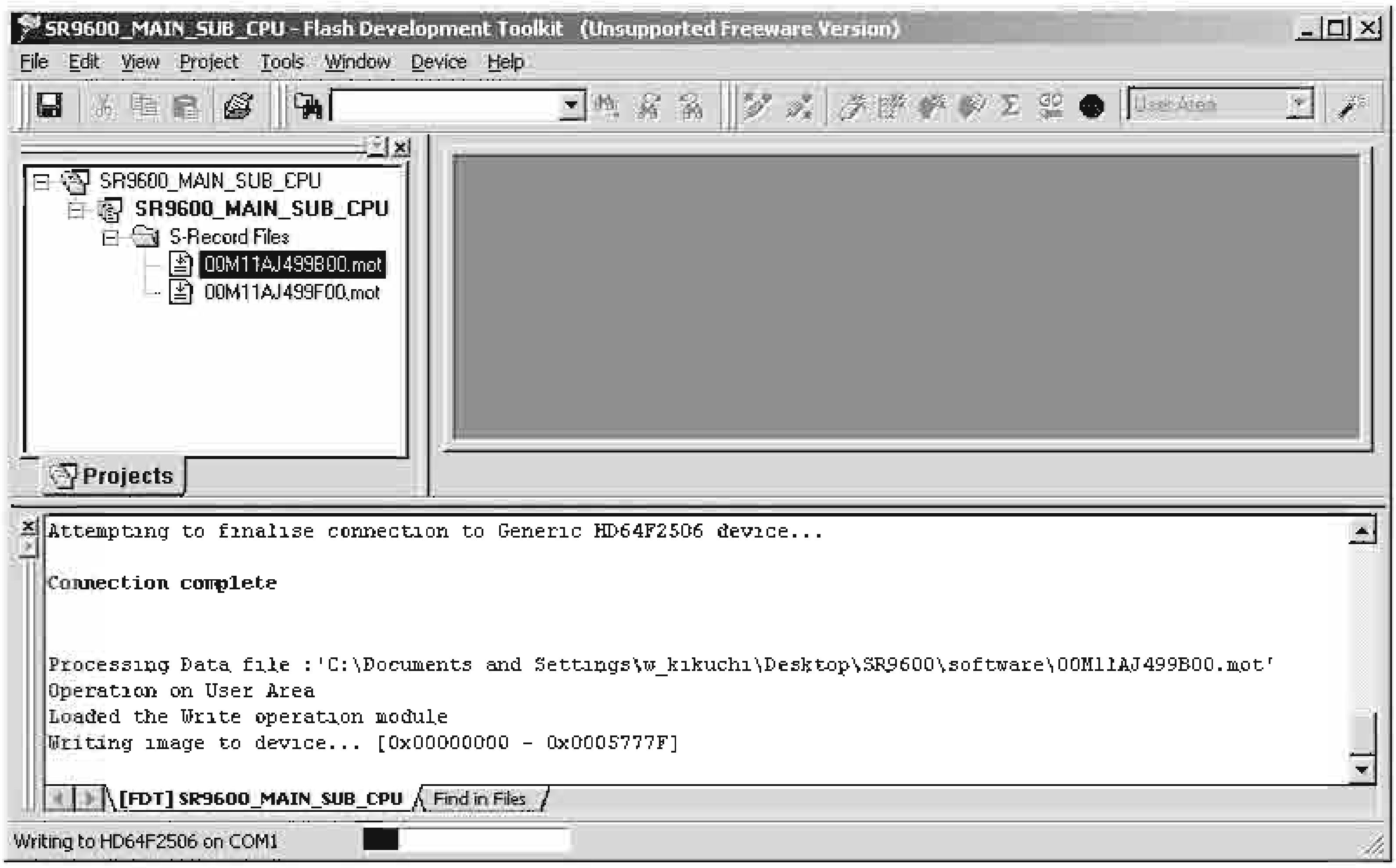
Press right button of mouse on the **00M11AJ499Bxx.mot**, and choose the **Download File to [User Area]** in a menu.

00M11AJ499Bxx.mot を右クリックし、メニューから **Download File to [User Area]** をクリックします。



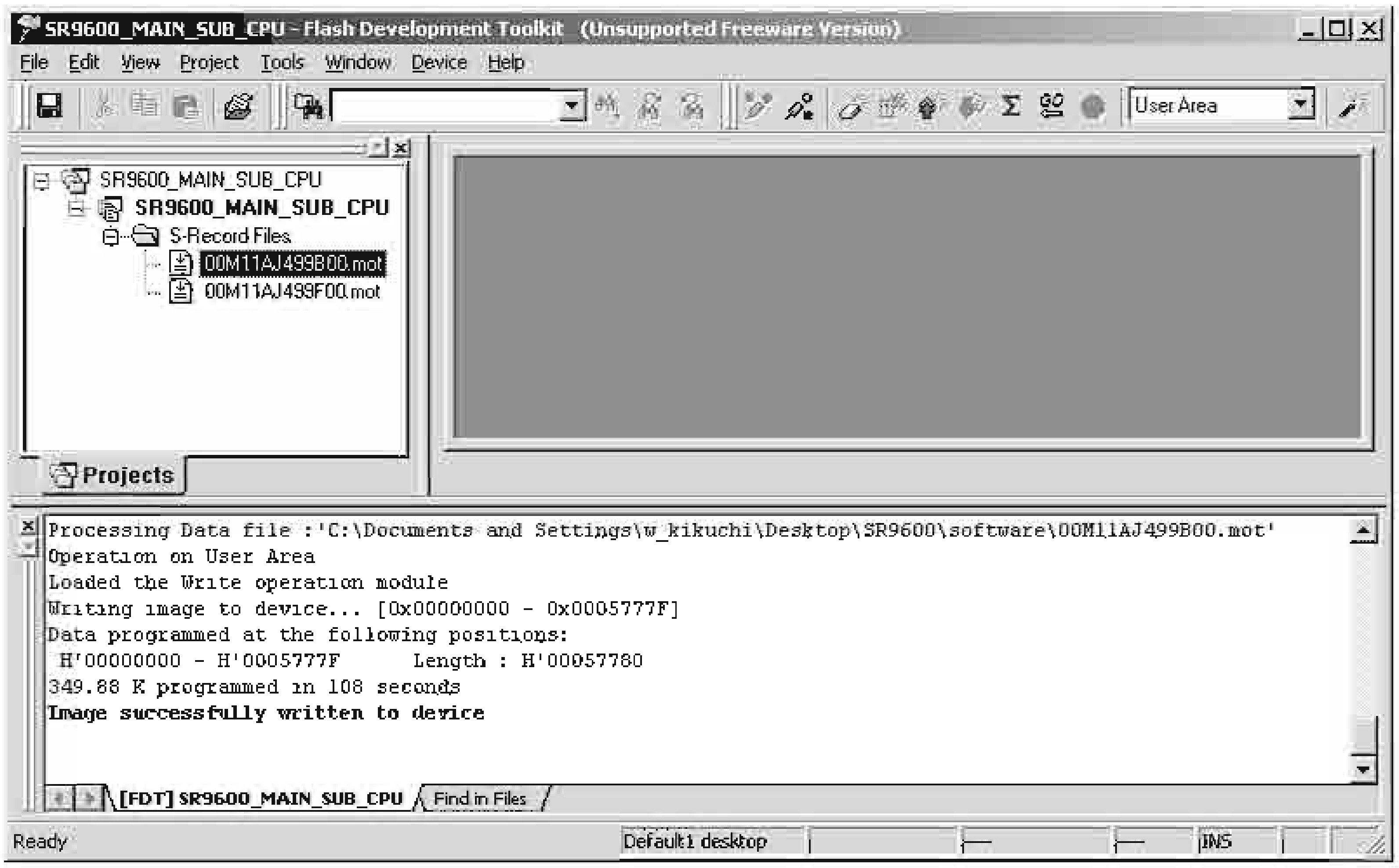
Software is written into the MAIN microprocessor.

書き込みが開始され左下にステータスバーが出ます。



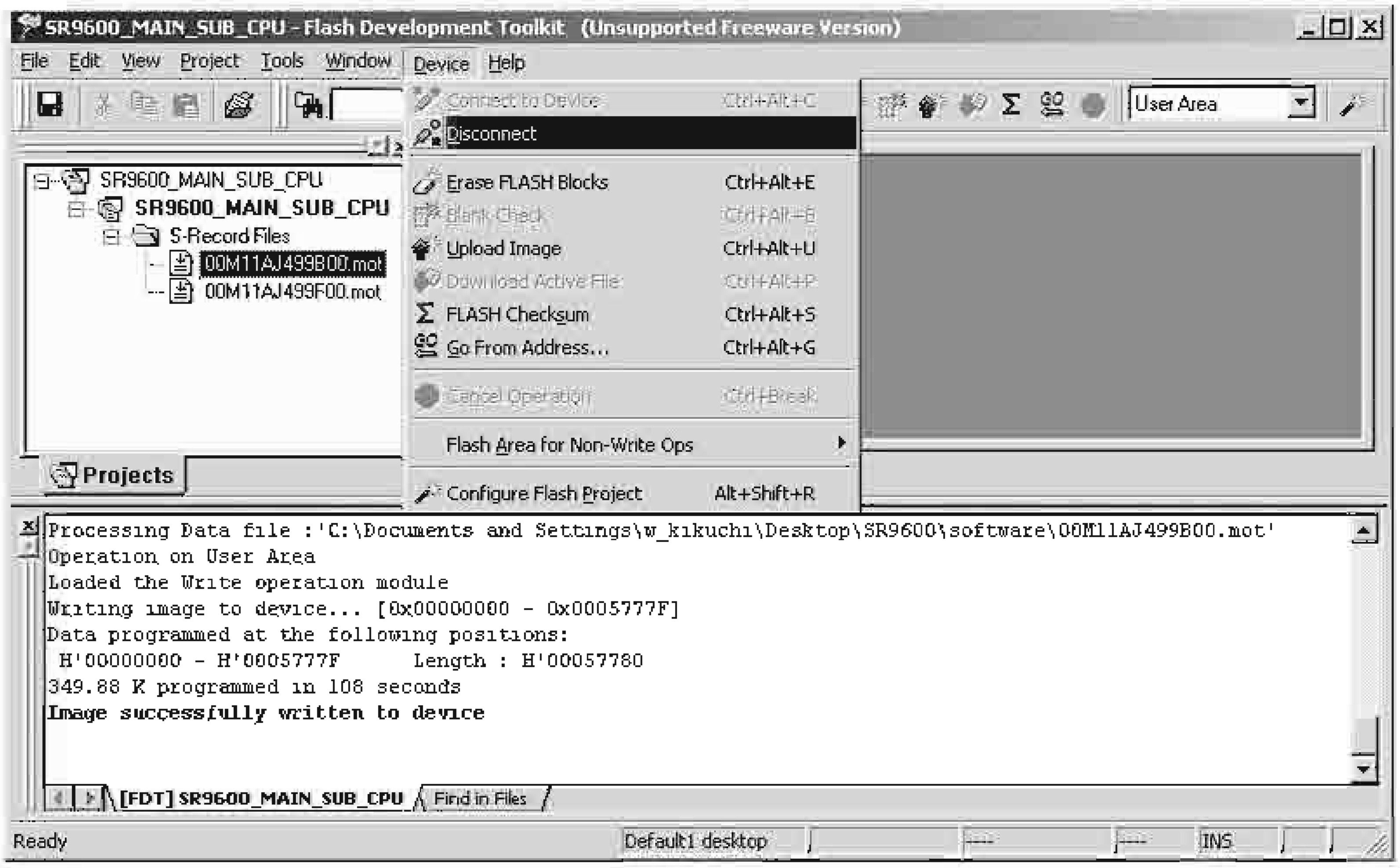
The writing of software takes about 2 minutes.

このソフトウェアの書き込み時間はおよそ２分です。



Click **Device** in the menu bar and select **Disconnect**.

Device をクリックし、メニューから **Disconnect** をクリックします。



Click **File** and choose **Exit** in menu, when ending writing software.

Disconnect the mains cable from the Unit.

Insert a thin rod to the hole near the MULTI RC terminal and push the switch inside to turn off the switch (Refer to 30 pege)

ソフトウェアを終了するときは **File** をクリックし、メニューから **Exit** をクリックします。

電源コードを本機から外します。

細い棒を使い本機の MULTI RC 端子の右となりにある穴からスイッチを押して書き込みモードを解除します。(30 ページ参照)

WRITING PROCEDURE FOR SUB MICROPROCESSOR

Disconnect the mains cable from the Unit.

Connect RS-232C on the rear panel of the Unit and Serial Port of windows PC with RS-232C cable.

Connect the mains cable into the Unit.

Launch up the writing software.

Click **Start**, **Programs**, **Renesas**, **Flash Development Toolkit 3.3** and **Flash Development Toolkit 3.3**.

SUB マイコンの書き込み方法

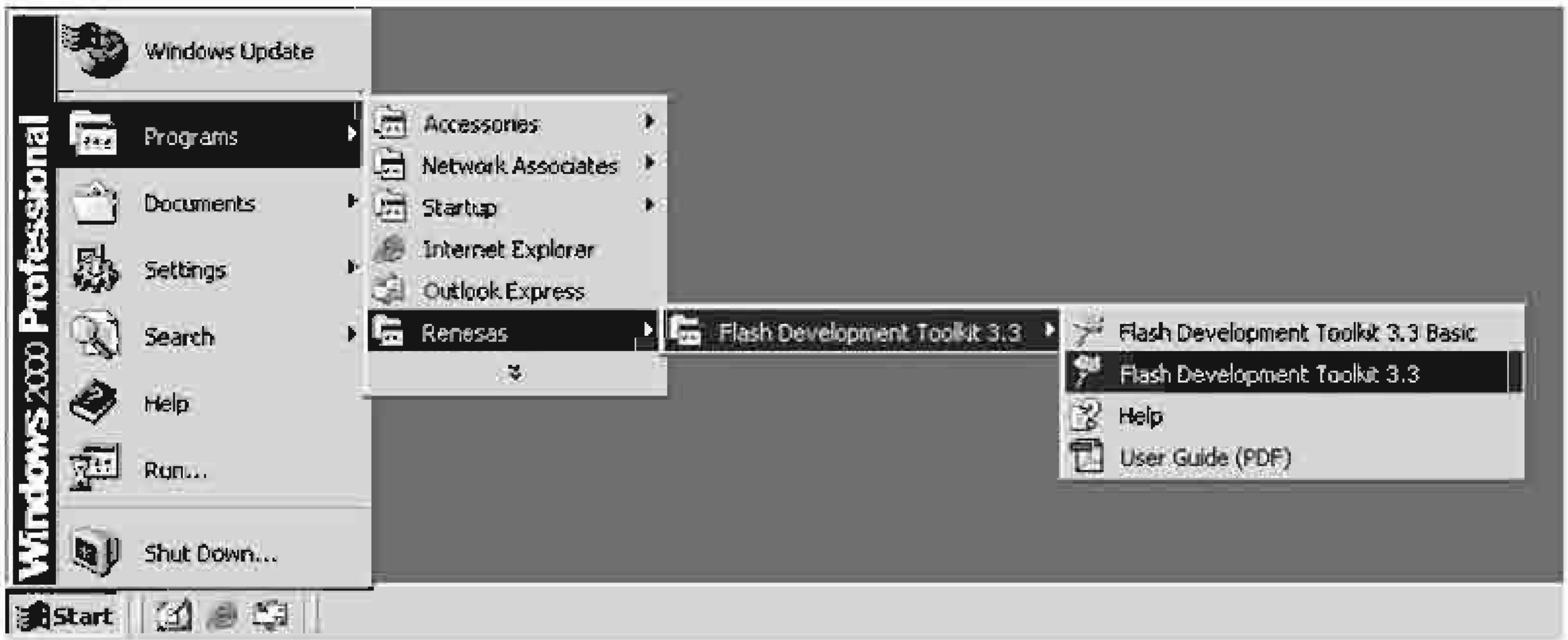
電源ケーブルを本機から外します。

Windows PC の Serial Port と本機の RS-232C Port を RS-232C ケーブルで接続します。

本機に電源ケーブルを接続します。

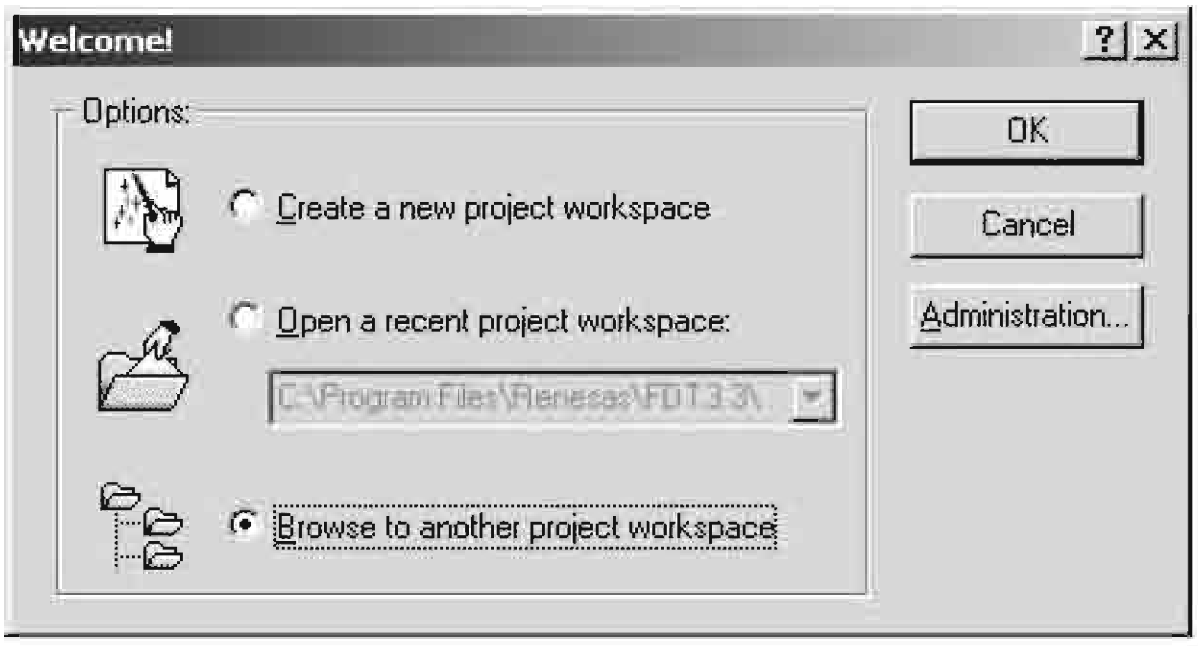
FDT を起動します。

Start → **Programs** → **Renesas** → **Flash Development Toolkit 3.3** → **Flash Development Toolkit 3.3**. をクリックします。



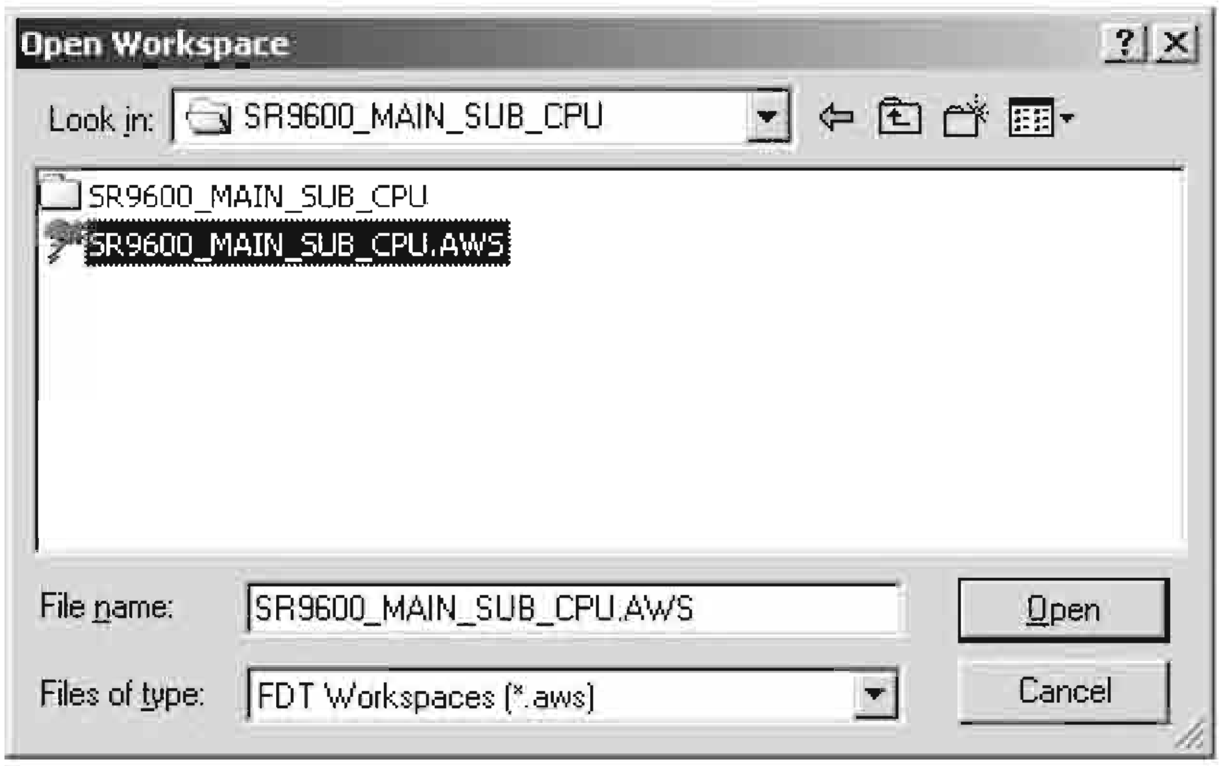
Check **Browse to another project workspace**, and click **OK**.

Browse to another project workspace にチェックを入れ、**OK** をクリックします。



Select the **SR9600_MAIN_SUB_CPU.AWS** and click **Open**.

SR9600_MAIN_SUB_CPU.AWS を選択し、**Open** をクリックします。

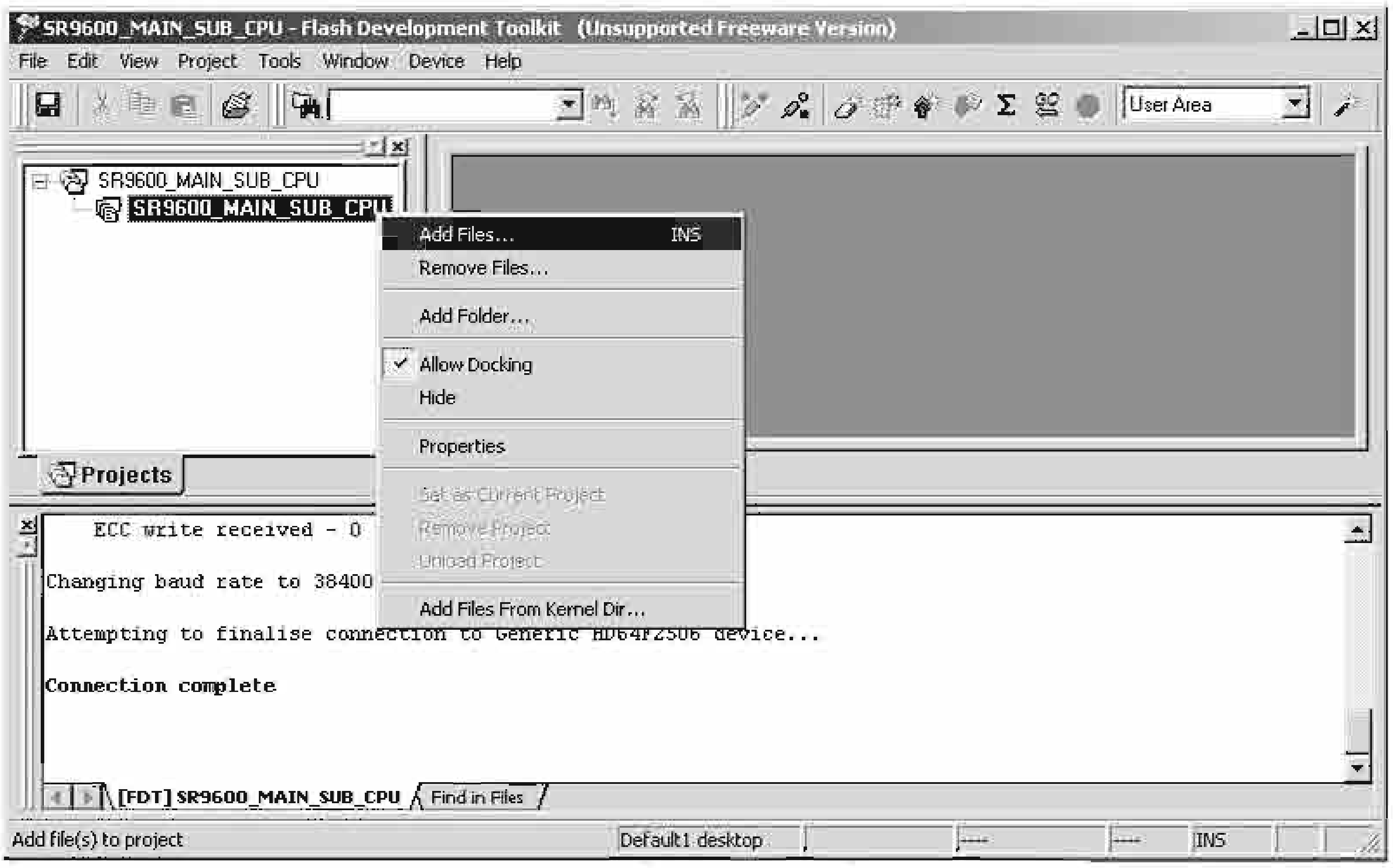


Turn on the Unit, and press **AUTO**, **MULTI SPEAKER** and **MEMORY** button simultaneously more than 1.5 seconds. And turn on update mode.
Turn the input selector until **SUB CPU UPGRADE** is displayed on FL Display.
Press the **ENTER** button, and decides to **LOADING MODE**.

本機の電源を入れ、**AUTO**、**MULTI SPEAKER**、**MEMORY** の 3 つのボタンを同時に 1.5 秒以上押し、書き込みモードにします。
INPUT SELECTOR を回し、FL Display に **SUB CPU UPGRADE** を表示させます。
ENTER ボタンを押して、**LOADING MODE** に確定します。

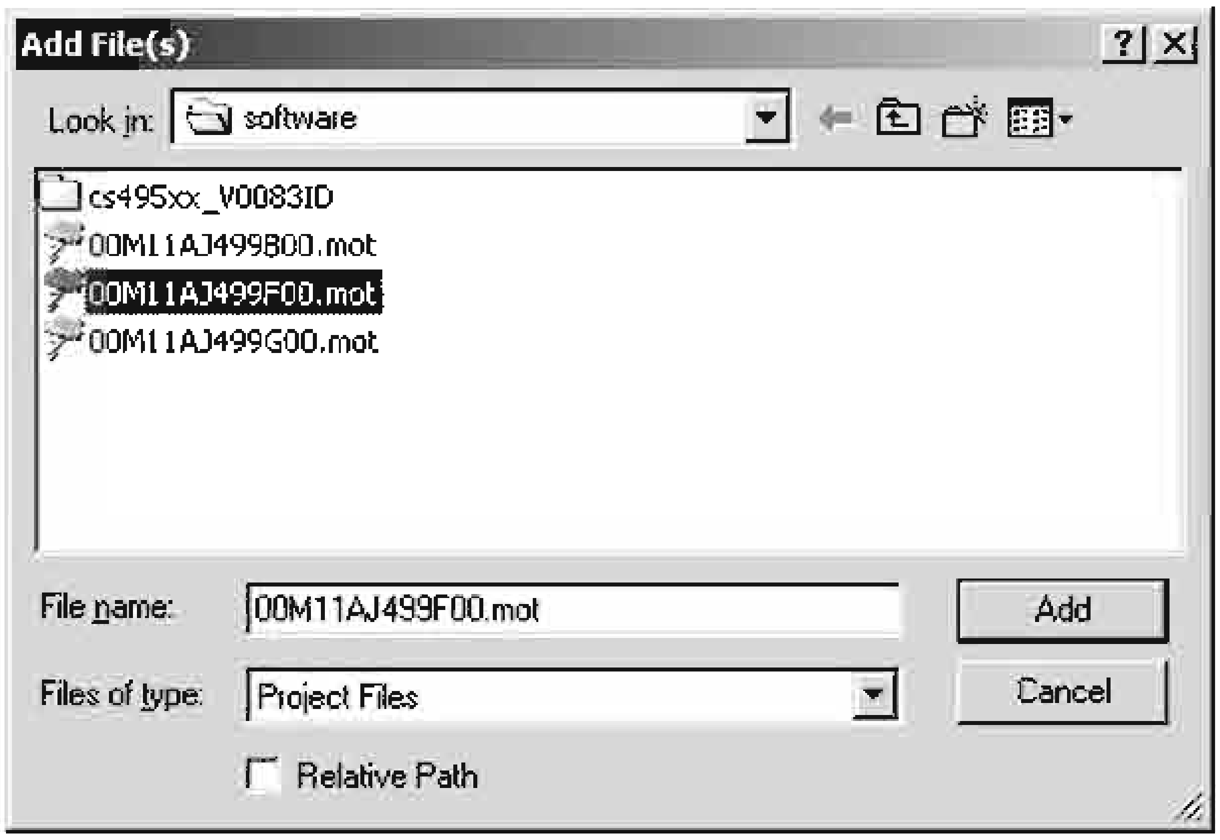
Right click on the **SR9600_MAIN_SUB_CPU**, and choose the **Add Files...** in a menu.

SR9600_MAIN_SUB_CPU を右クリックし、メニューから **Add Files...** をクリックします。



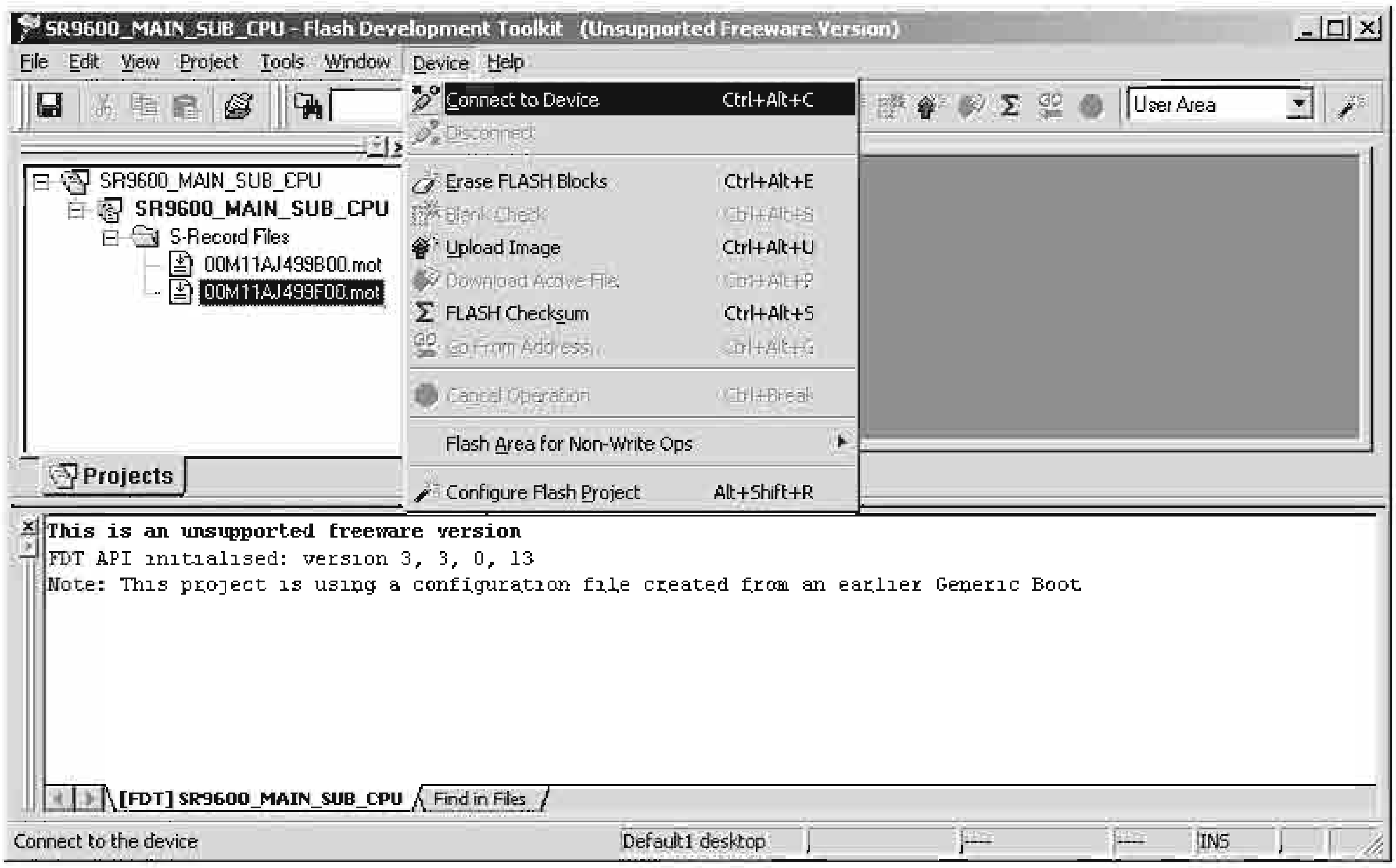
Select the **00M11AJ499Fxx.mot**, and click **Add**.

00M11AJ499Fxx.mot を選択し、**Add** をクリックします。



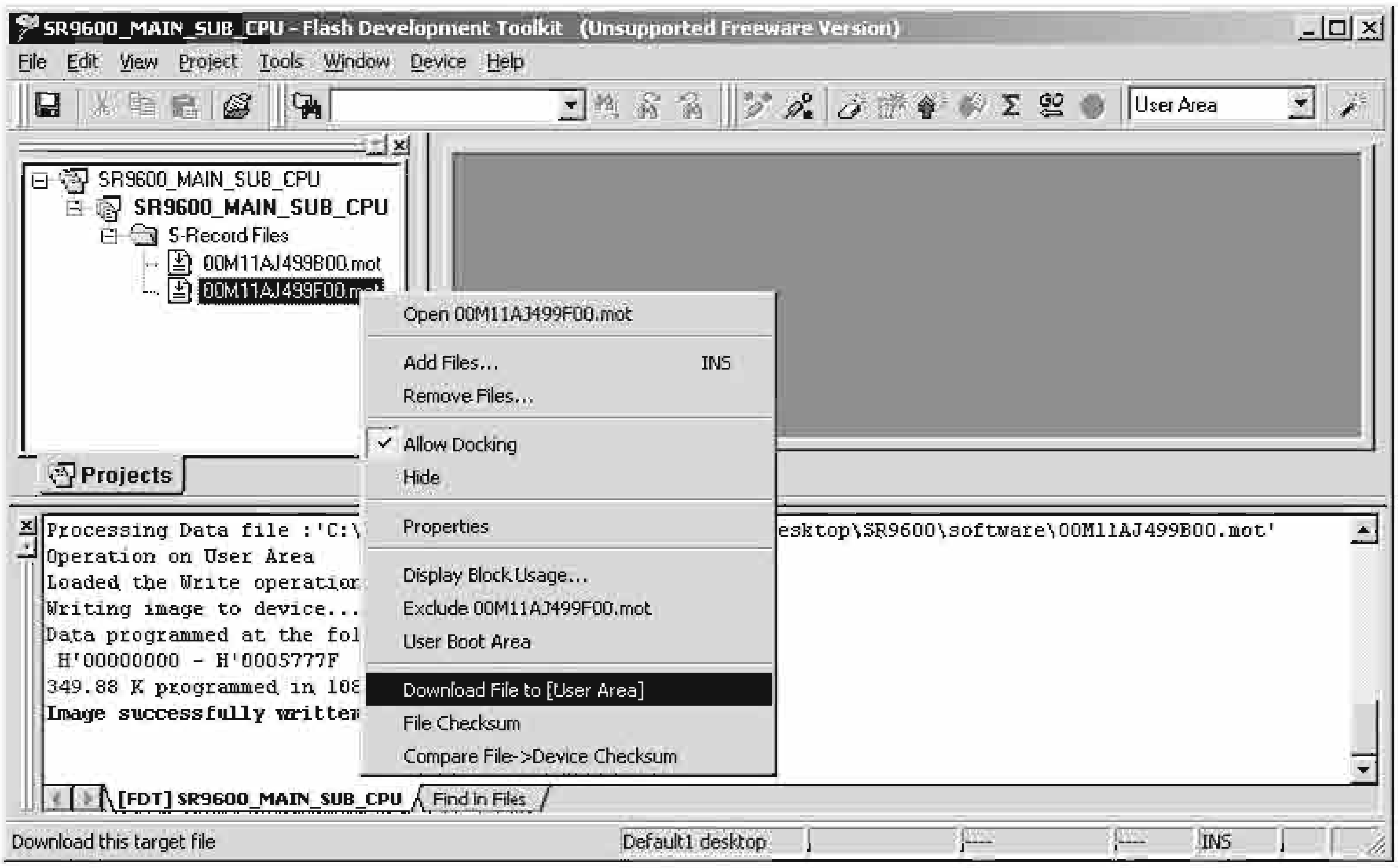
Click **Device** in the menu bar and select **Connect to Device**.

Device をクリックし、メニューから **Connect to Device** をクリックします。



Press right button of mouse on the **00M11AJ499Fxx.mot**, and choose the **Download File to [User Area]** in a menu.

00M11AJ499Fxx.mot を右クリックし、メニューから **Download File to [User Area]** をクリックします。

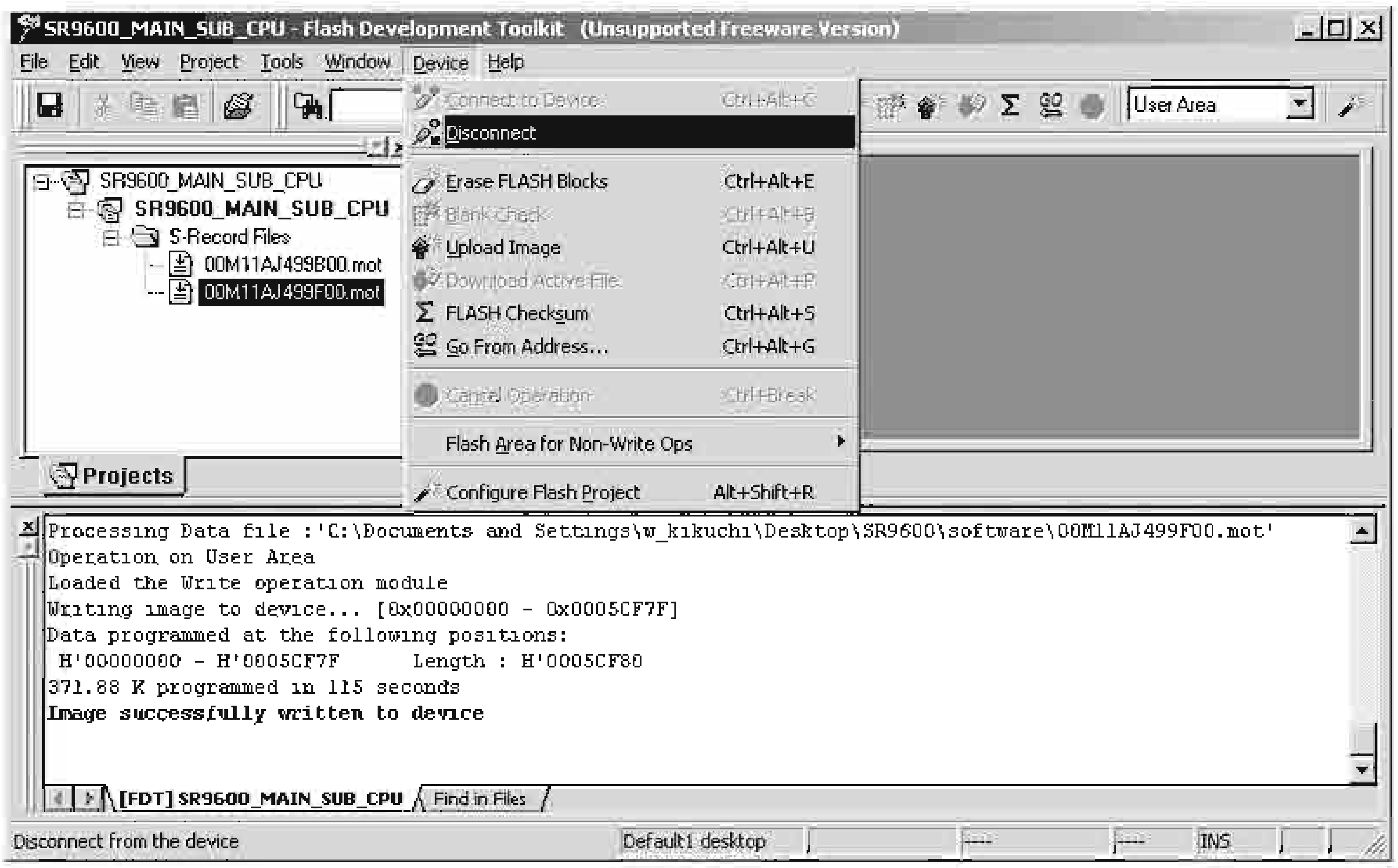


Software is written into the SUB microprocessor.
The writing of software takes about 3 minutes.

書き込みが開始され左下にステータスバーが出ます。
このソフトウェアの書き込み時間はおよそ３分です。

Click **Device** in the menu bar and select **Disconnect**.

Device をクリックし、メニューから **Disconnect** をクリックします。



Click **File** and choose **Exit** in menu, when ending writing software.

Disconnect the mains cable from the Unit.

ソフトウェアを終了するときは **File** をクリックし、メニューから **Exit** をクリックします。

電源コードを本機から外します。

[C] UPDATE DSP FLASH MICROPROCESSOR PROCEDURE

NECESSARY EQUIPMENT

- Windows PC (With Serial Port)
- RS-232C Cable straight type (9 Pin female - 9 Pin female)
- Update Tool (UpgradeDSP_sr9600.exe)
- Update data (00M11AJ499Dxx.mot)

NOTE: xx is a revision number.

CABLE CONNECTION

Disconnect the mains cable from the Unit.
Connect RS-232C on the rear panel of the Unit and Serial Port of windows PC with RS-232C cable.
Connect the mains cable into the Unit.

WRITING PROCEDURE FOR DSP FLASH MICROPROCESSOR

Turn on the Unit, and press **AUTO**, **MULTI SPEAKER** and **MEMORY** button simultaneously more than 1.5 seconds. And turn on update mode.
Turn the input selector until **CS DSP CODE UPGRADE** is displayed on FL Display.
Press the **ENTER** button, and decides to **LOADING MODE**.
Launch up the writing software.
Double click **cs495xx_V0083ID** folder. (A holder name may be changed by the version updated.)

[DSP flash MICROPROCESSOR の書き換え方法]

必要機器

- Windows PC (Serial Port 付き)
- RS-232C ストレートケーブル (9Pin メス　9Pin メス)
- 書き込み用アプリケーションツール (UpgradeDSP_sr9600.exe)
- 書き込み用データ　(00M11AJ499Dxx.mot)

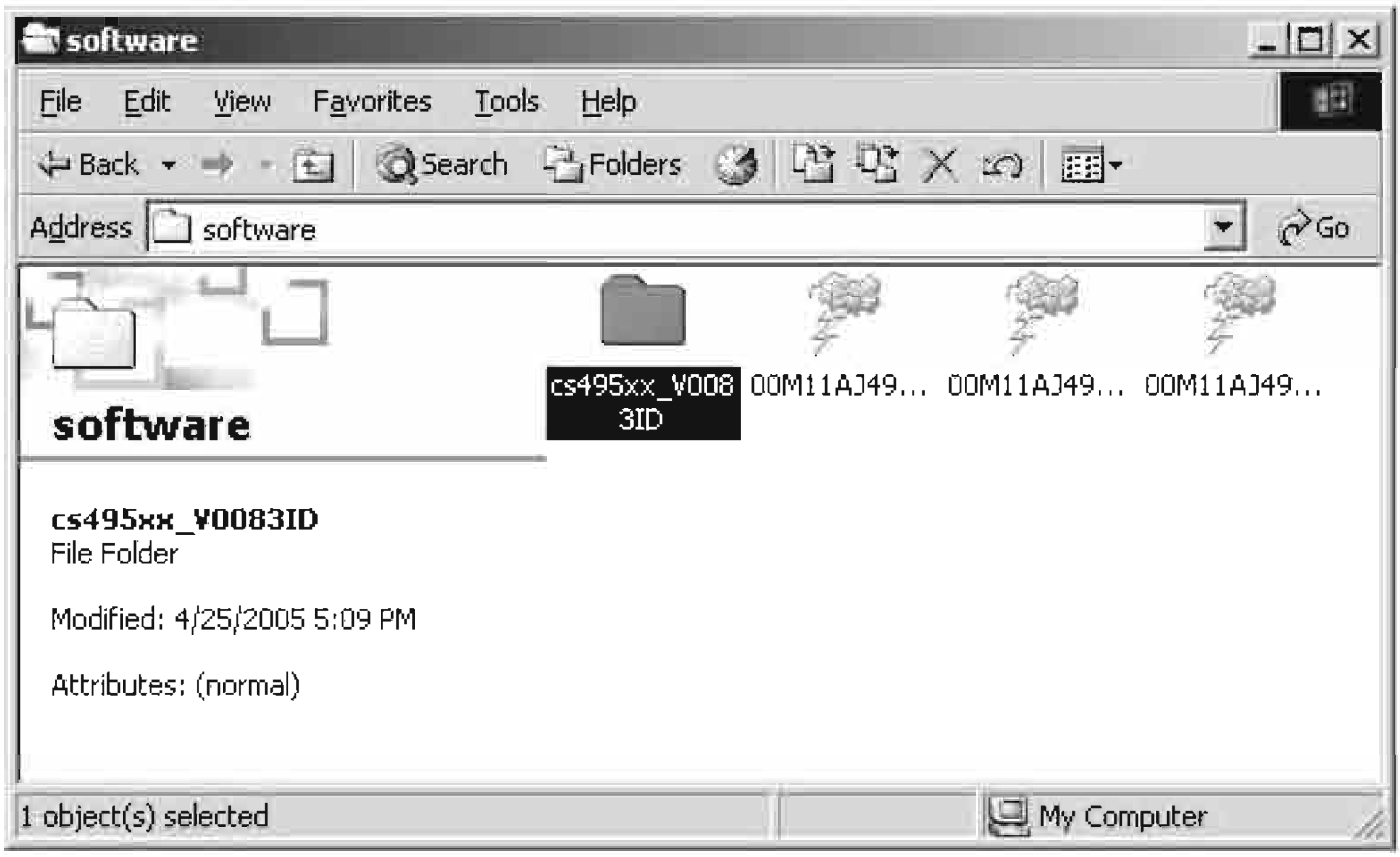
NOTE: xx は改版番号です。

ケーブル接続

電源ケーブルを本機から外します。
Windows PC の Serial Port と本機の RS-232C Port を RS-232C ケーブルで接続します。
本機に電源ケーブルを接続します。

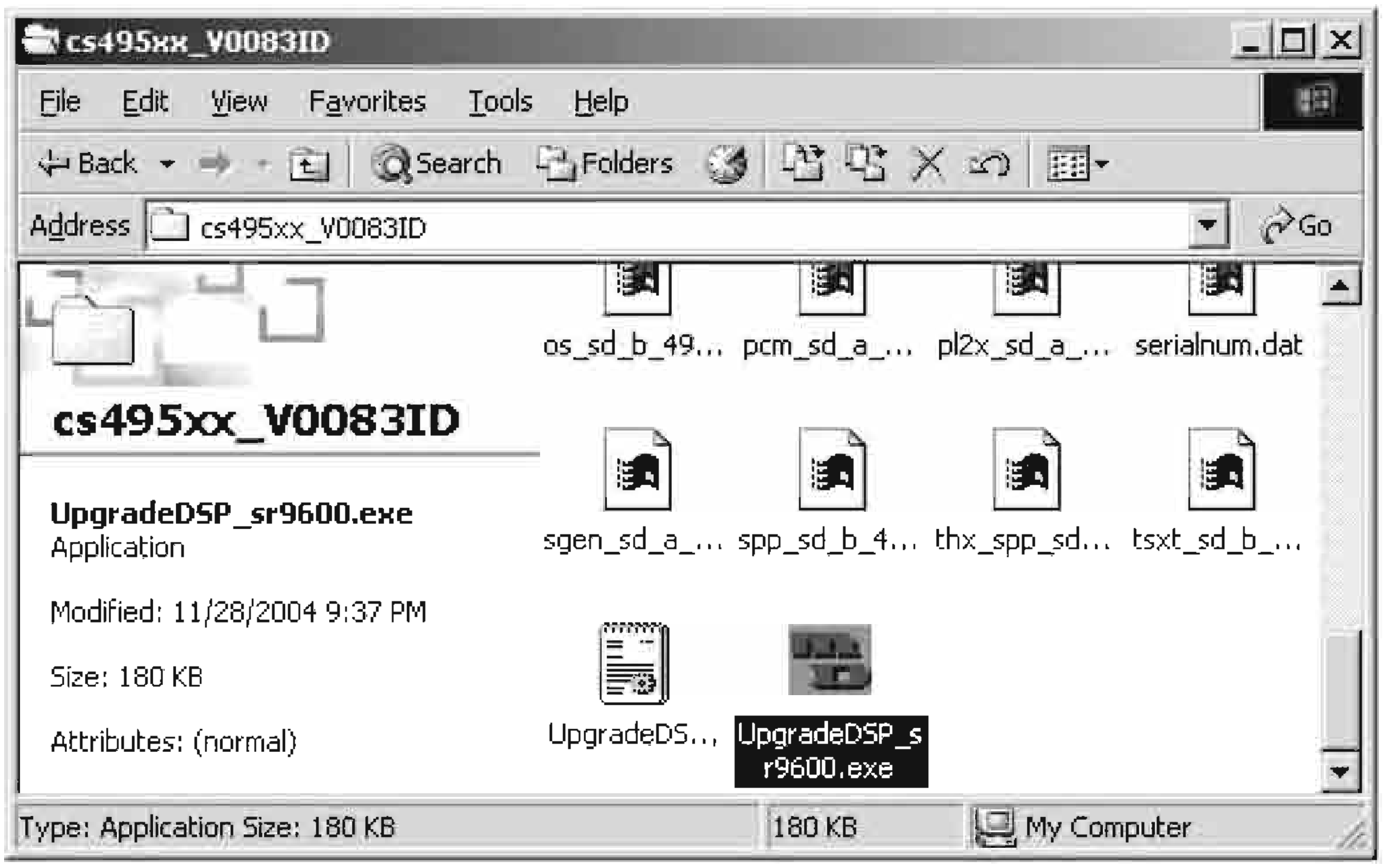
DSP Flash マイコンの書き込み方法

本機の電源を入れ、**AUTO**、**MULTI SPEAKER**、**MEMORY** の 3 つのボタンを同時に 1.5 秒以上押し、書き込みモードにします。
INPUT SELECTOR を回し、FL Display に **CS DSP CODE UPGRADE** を表示させます。
ENTER ボタンを押して、**LOADING MODE** に確定します。
Upgrade_sr9600.exe を起動します。
cs495xx_V0083ID フォルダーをダブルクリックします。(フォルダー名はアップデートのバージョンで変わることがあります。)



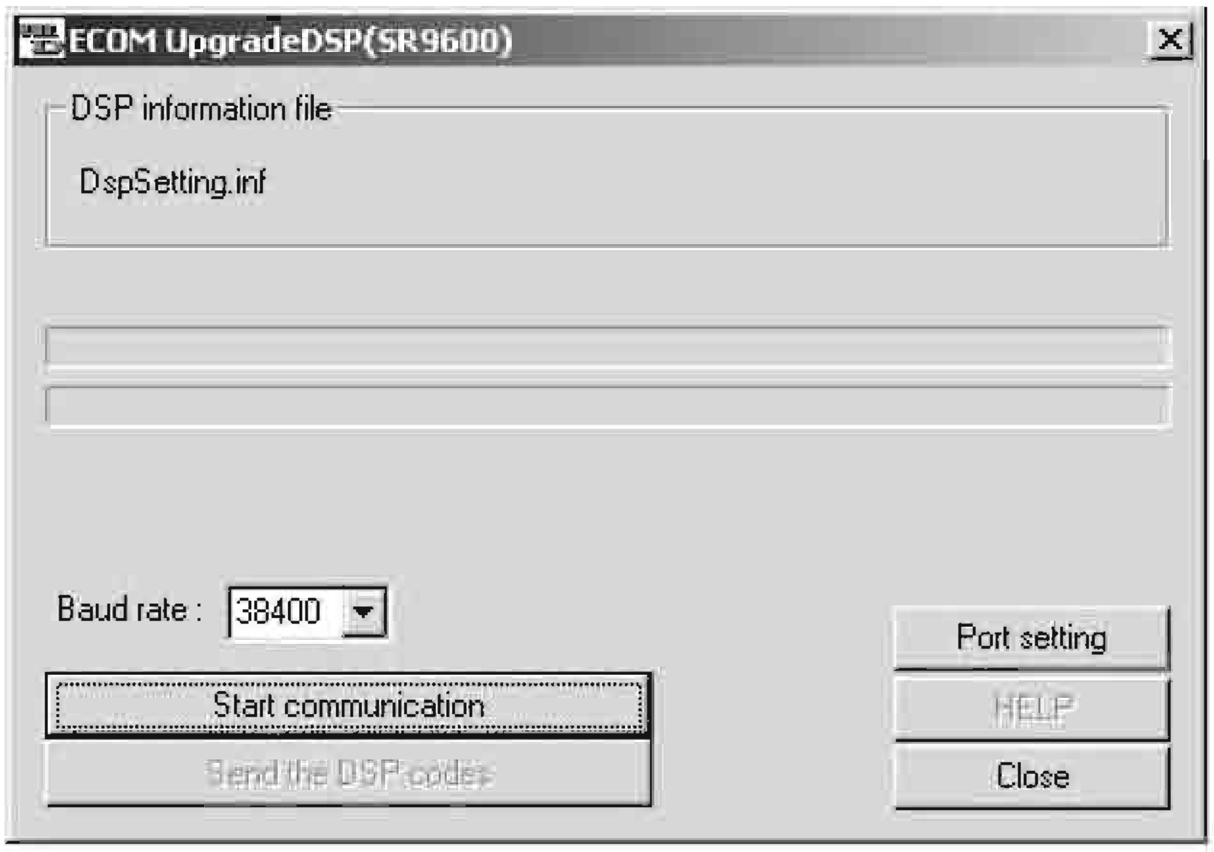
Double click **UpgradeDSP_sr9600.exe**.

UpgradeDSP_sr9600.exe をダブルクリックします。



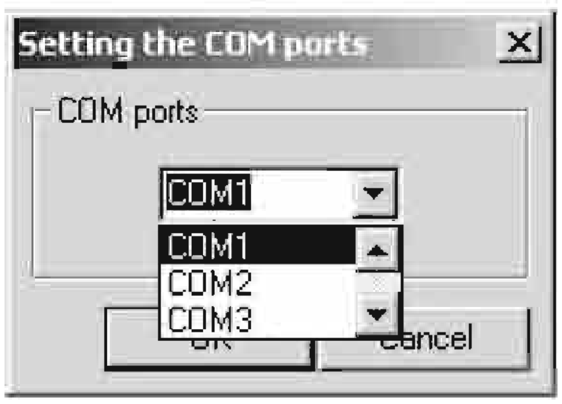
Click **Port setting**.

Port setting をクリックします。



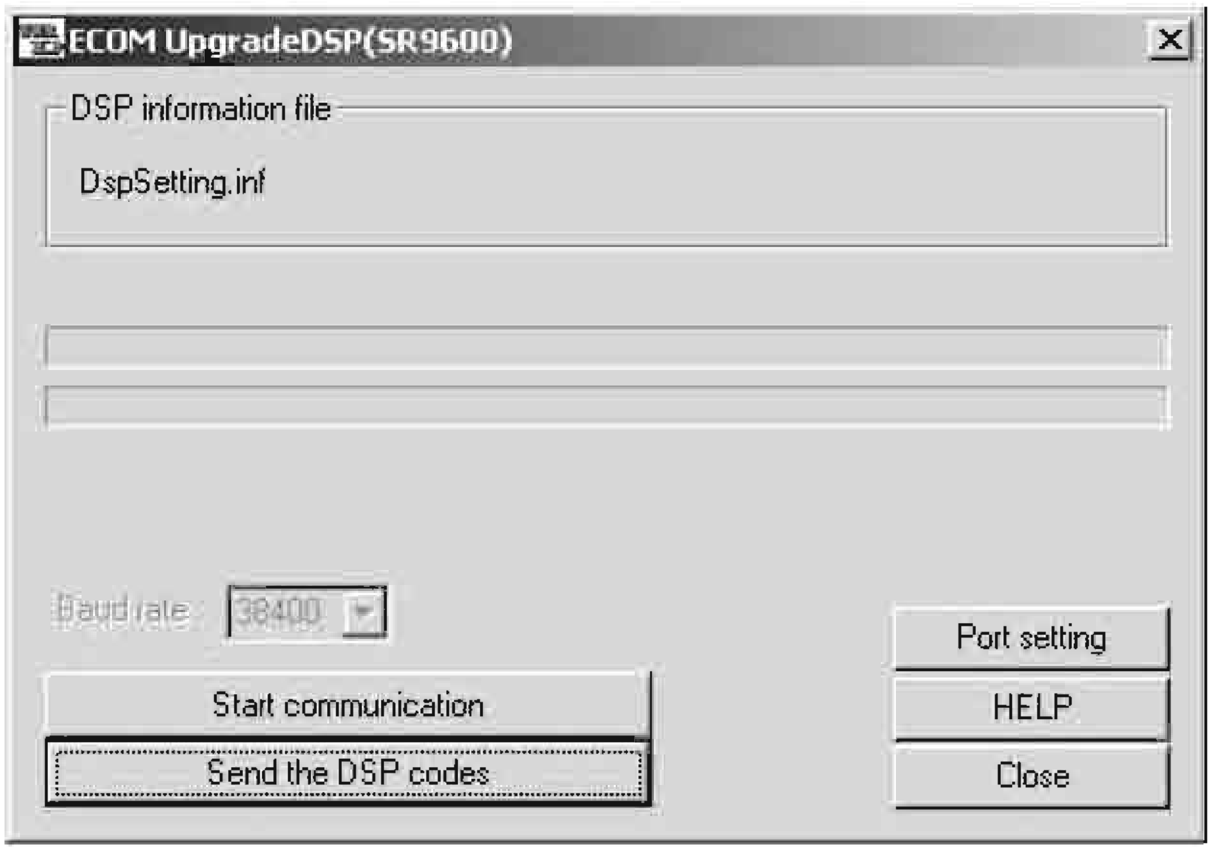
Choose the **Serial port No.** in the COM Ports.
Click **OK**.

COM Ports. から接続する **serial Port** 番号を選びクリックします。
OK をクリックします。



Click **Start communication**.

Start communication をクリックします。



Click **OK**

OK をクリックします。

Click **OK**

OK をクリックします。

If other error messages appear, please check a cable connection or writing mode, and redo the "launch up writing software".

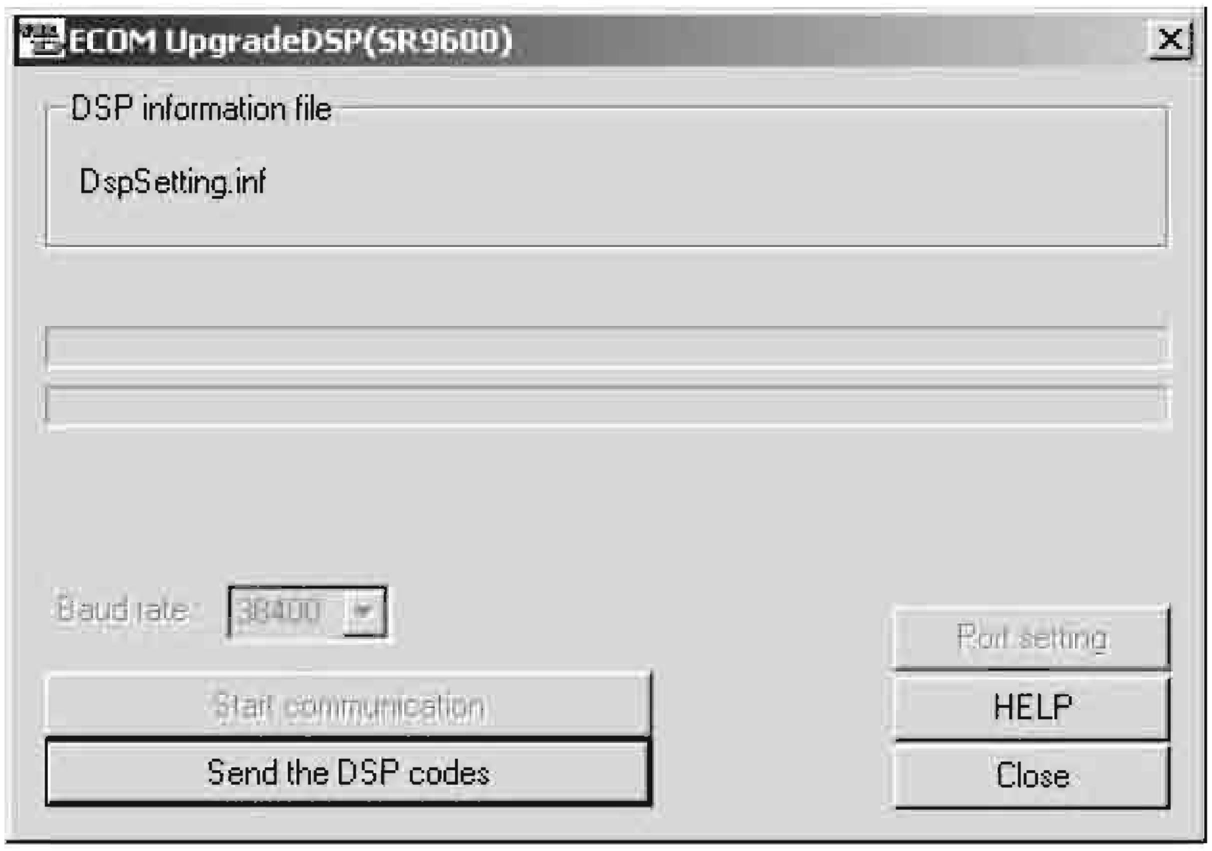
For example, the following

もしも、他のエラーメッセージが出たときは、ケーブルの接続確認、および書き込みモードを確認し始めからやり直してください。

エラーメッセージ例

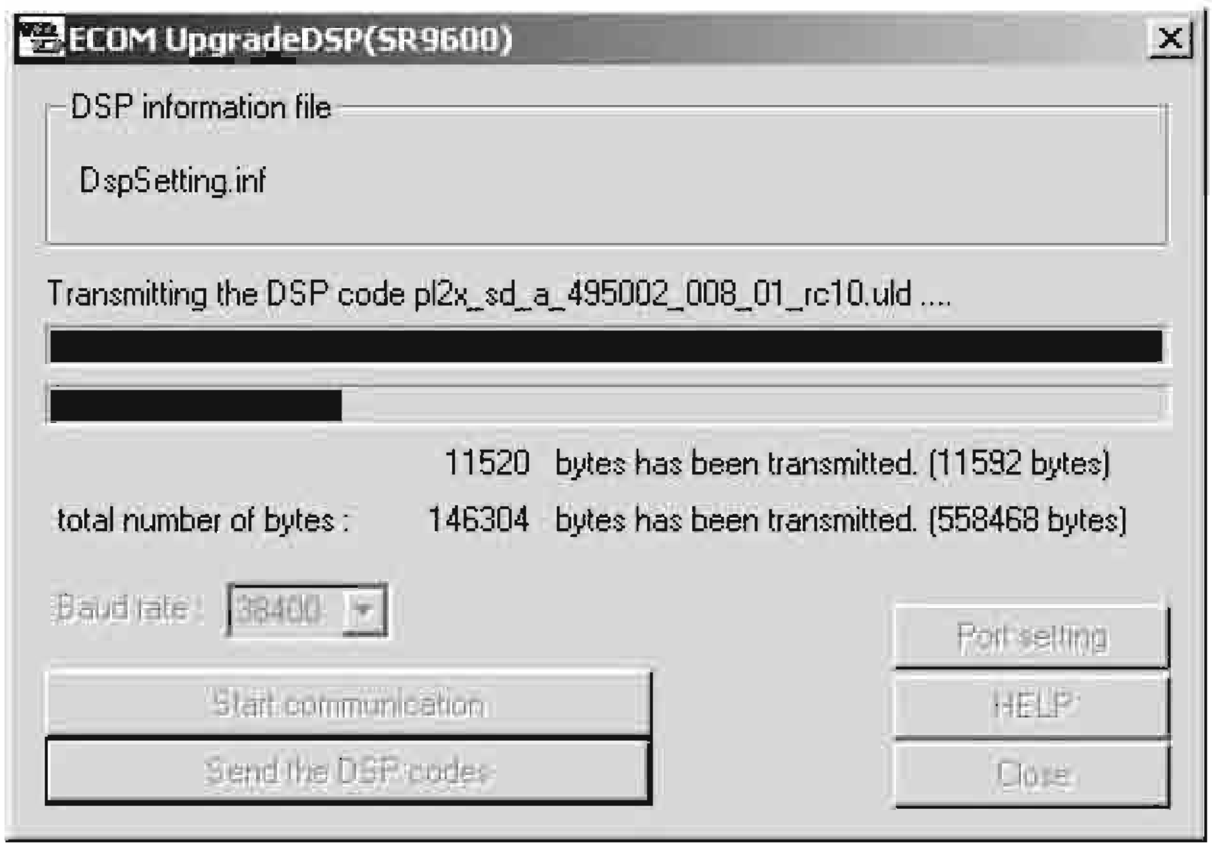
Click **Send the DSP codes**.

Send the DSP codes をクリックします。



Software is written into the DSP flash microprocessor.
The writing of software takes about 7 minutes.

書き込みが開始されステータスバーが出ます。
このソフトウェアの書き込み時間はおよそ7分です。



Click **OK**. And the writing software is shut down automatically.

OK をクリックします。書き込みソフトウェアは自動的に終了します。

Disconnect the mains cable from the Unit.

電源コードを本機から外します。

[D] UPDATE MRAC MICROPROCESSOR PROCEDURE

NECESSARY EQUIPMENT

- Windows PC (With Serial Port)
- RS-232C Cable straight type (9 Pin female - 9 Pin female)
- Update Tool (FDT)
- Update data (00M11AJ499Gxx.mot)

NOTE: xx is a revision number.

CABLE CONNECTION

Disconnect the mains cable from the Unit.
Connect RS-232C on the rear panel of the Unit and Serial Port of windows PC with RS-232C cable.
Connect the mains cable into the Unit.

THE WRITING SOFTWARE SETUP PROCEDURE

Launch up the writing software.
Click **Start**, **Programs**, **Renesas**, **Flash Development Toolkit 3.3** and **Flash Development Toolkit 3.3**.

[MRAC MICROPROCESSOR の書き換え方法]

必要機器

- Windows PC (Serial Port 付き)
- RS-232C ストレートケーブル (9Pin メス 9Pin メス)
- 書き込み用アプリケーションツール (FDT)
- 書き込み用データ (00M11AJ499Gxx.mot)

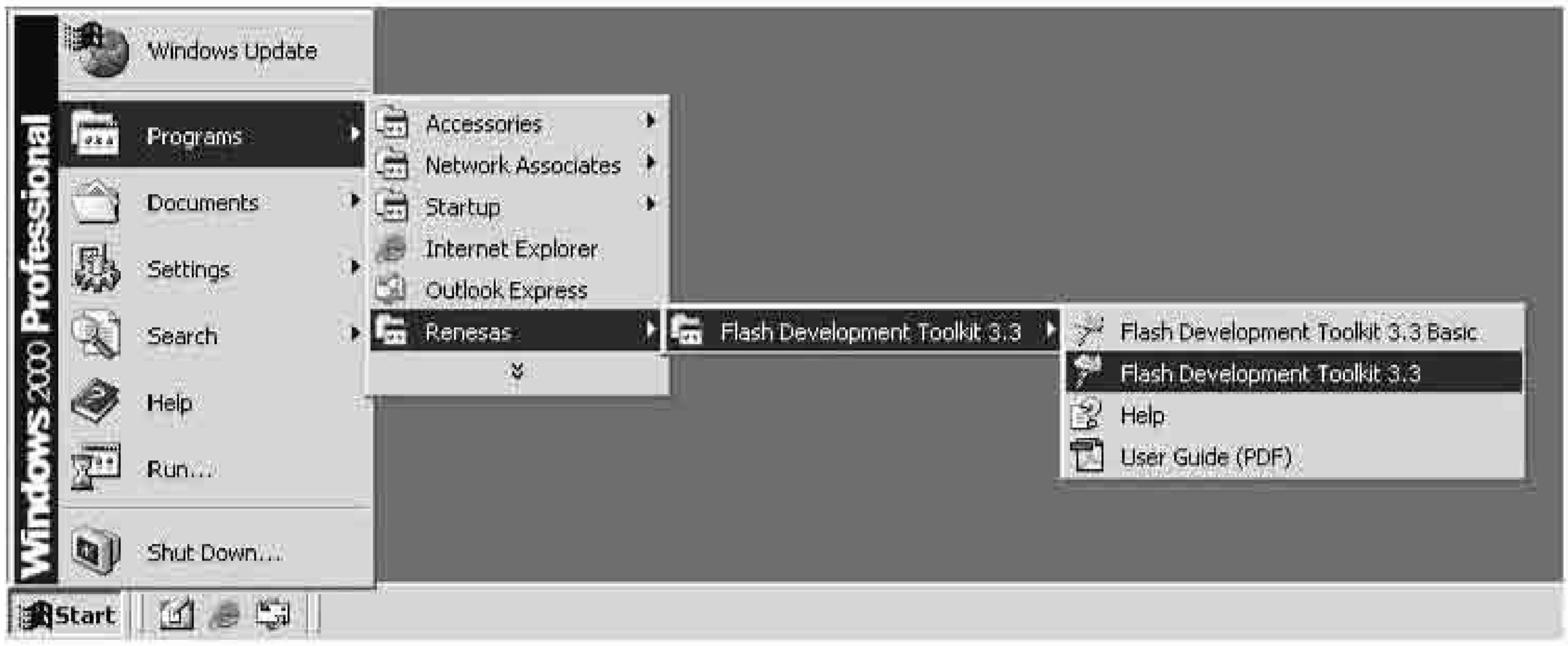
NOTE: xx は改版番号です。

ケーブル接続

電源ケーブルを本機から外します。
Windows PC の Serial Port と本機の RS-232C Port を RS-232C ケーブルで接続します。
本機に電源ケーブルを接続します。

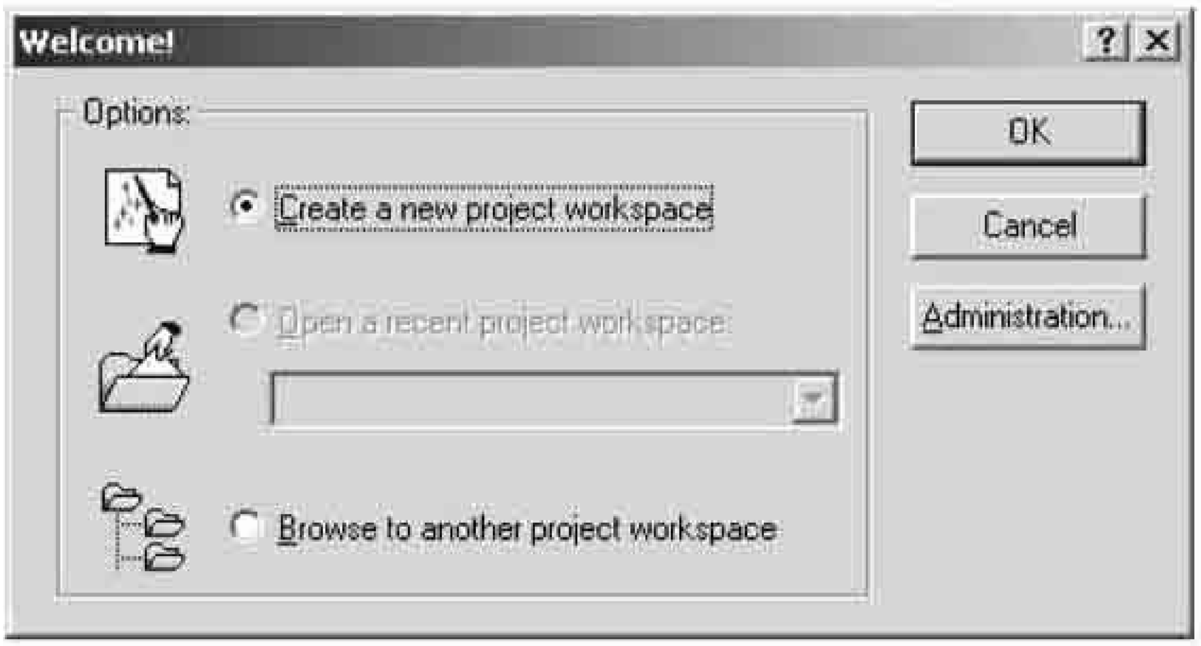
書き込みソフトウェアの設定

FDT を起動します。
Start → **Programs** → **Renesas** → **Flash Development Toolkit 3.3** → **Flash Development Toolkit 3.3** をクリックします。



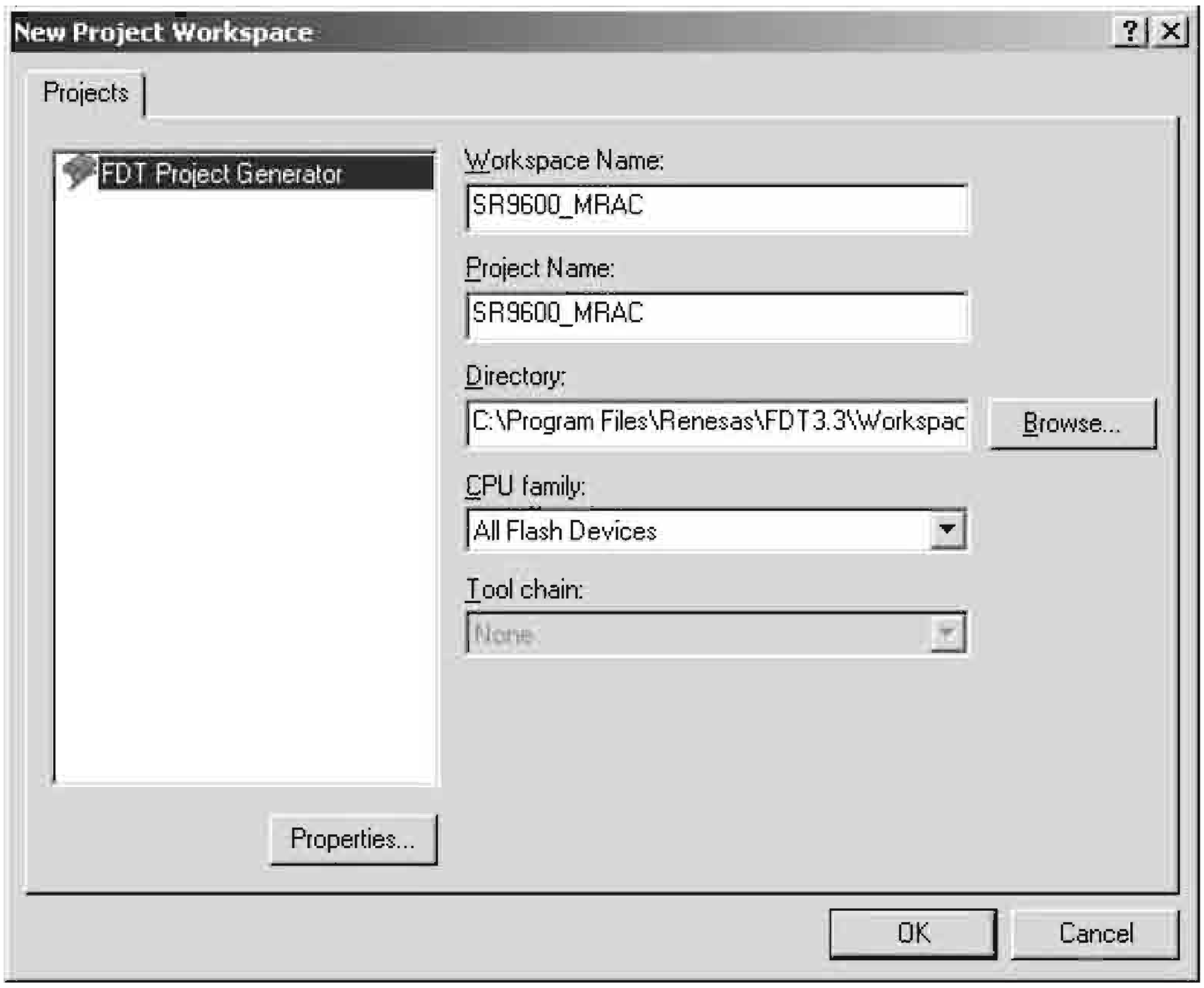
Check **Create a new project workspace**, and click **OK**.

Create a new project workspace にチェックを入れ、**OK** をクリックします。



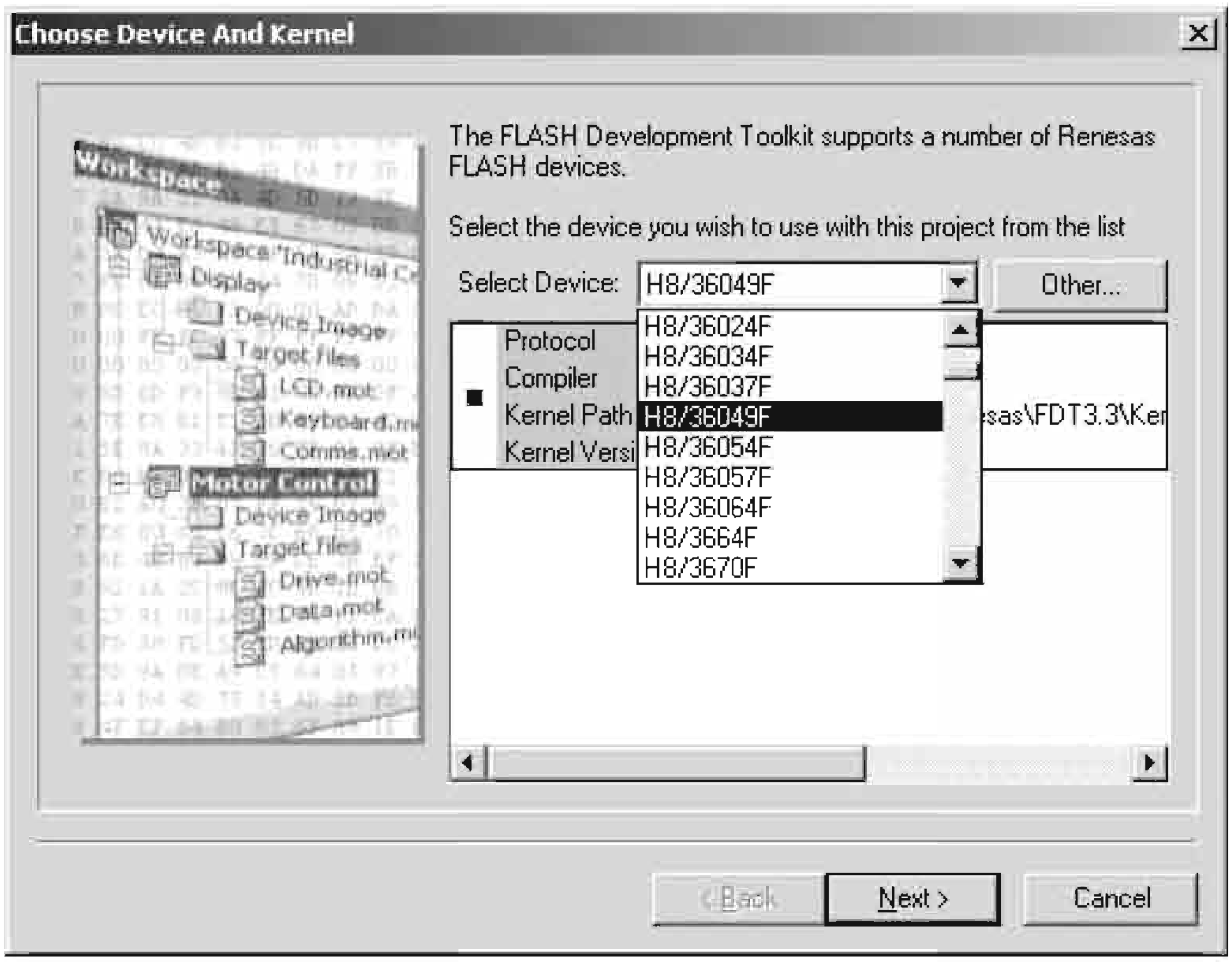
SR9600_MRAC is inputted into the Workspace name.
(It is simultaneously inputted into Project Name.)
Click **OK**.

Workspace Name に **SR9600_MRAC** と入力します。
(同時に Project Name にも入力されます。)
OK をクリックします。



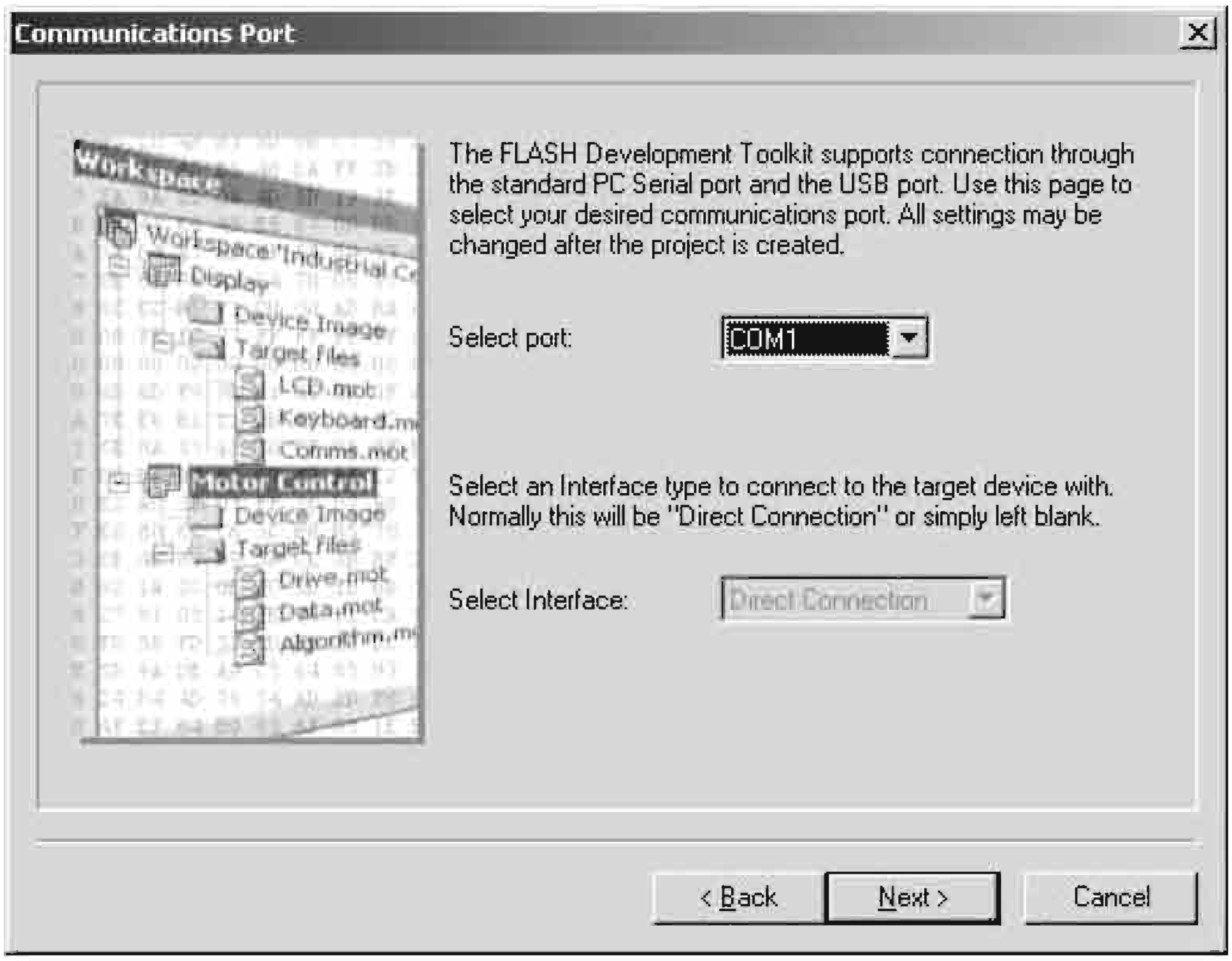
Choose the **H8/36049F** in Select Device.
Click **Next** >.

Select Device から **H8/36049F** を選びクリックします。
Next > をクリックします。



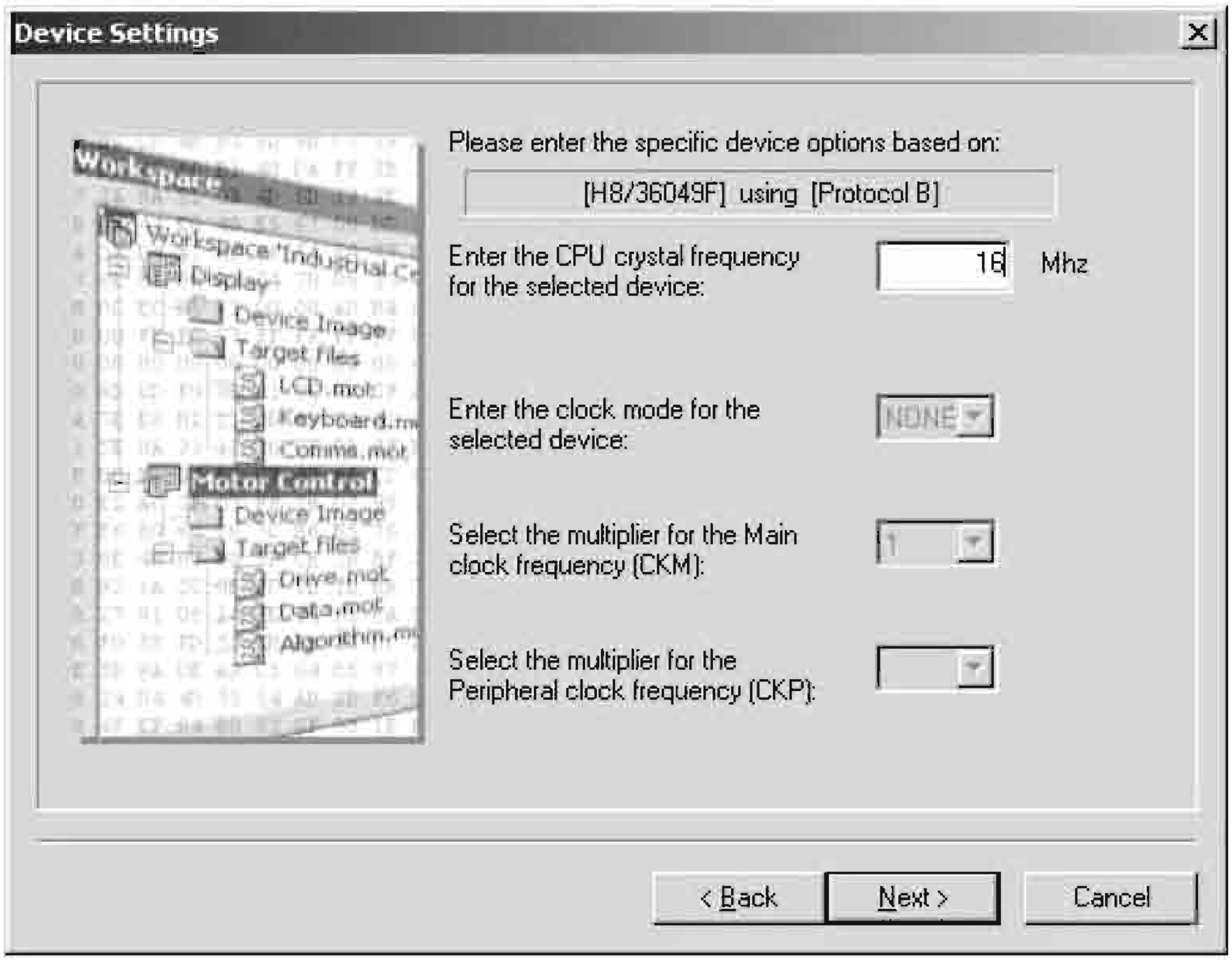
Choose the **Serial port No.** in the Select Port.
Click **Next >**.

Select Port から接続する **Serial Port** 番号を選びクリックします。**Next >** をクリックします。



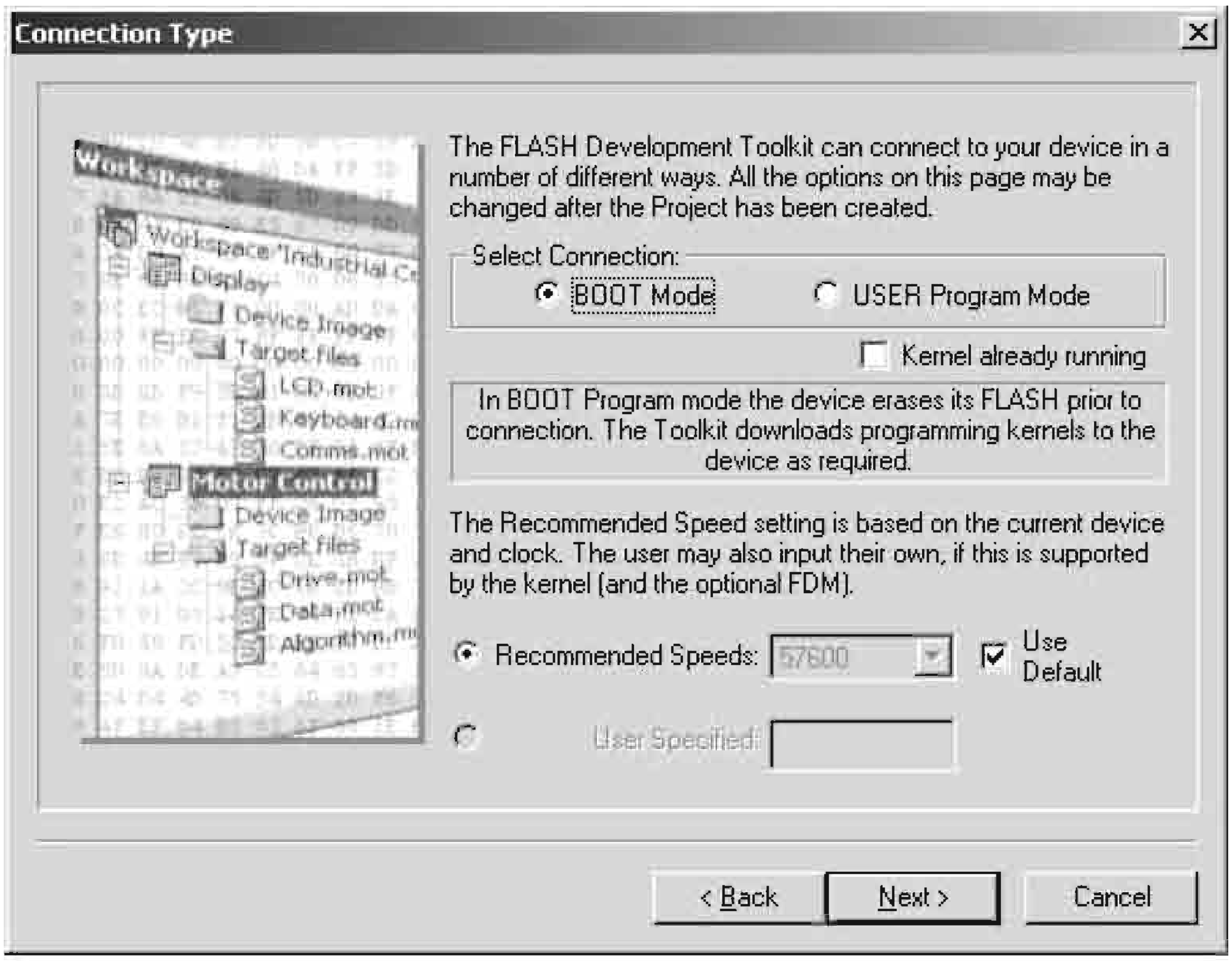
16 is inputted into the Enter the CPU crystal frequency for the selected device.
Click **Next >**.

Enter the CPU crystal frequency for the selected device: に **16** と入力します。
Next > をクリックします。



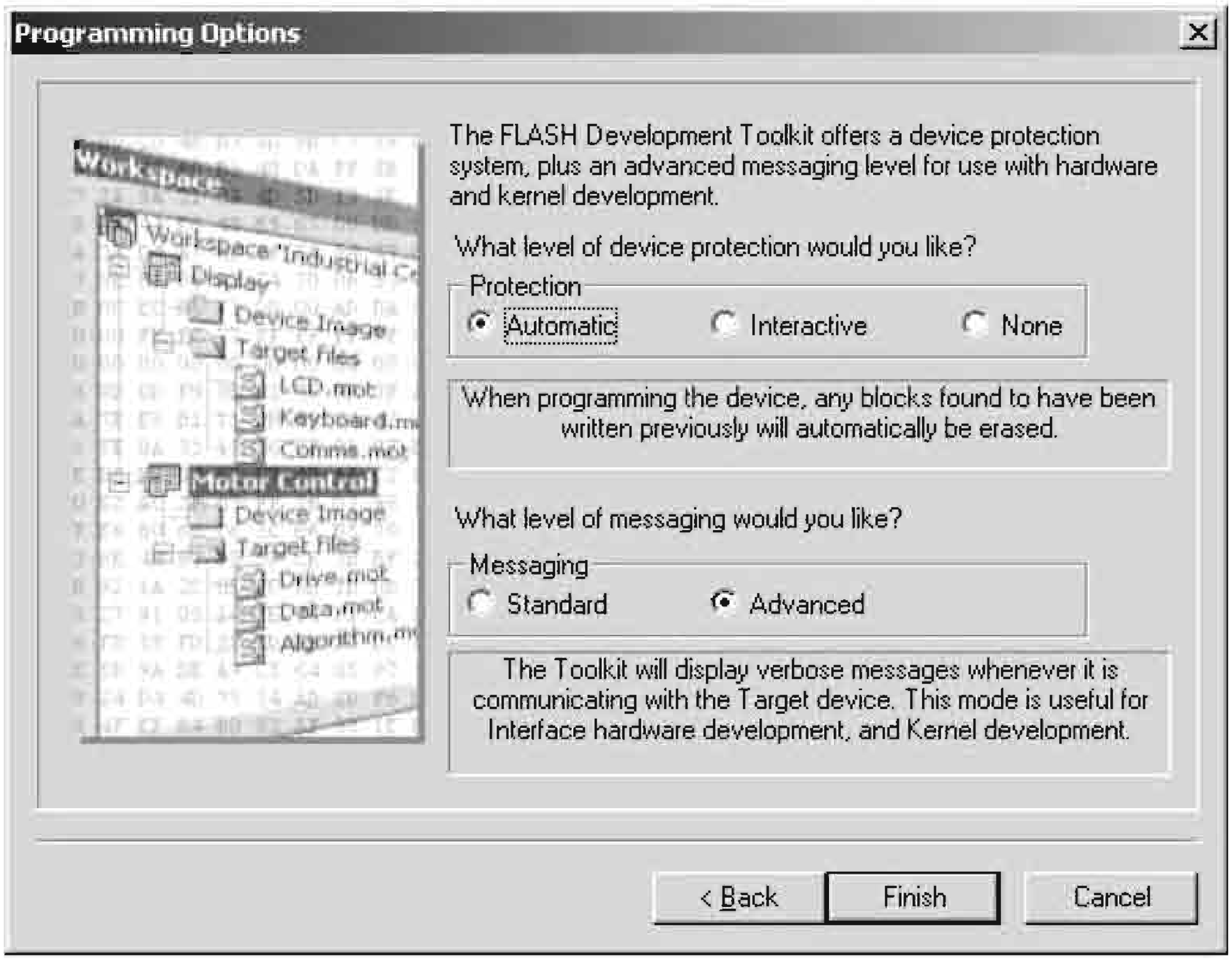
Check the **BOOT Mode** in Select Connection.
Check **Recommended Speeds** and **Use Default**, and click **Next >**.

Select Connection から **BOOT Mode** にチェックを入れます。
Recommended Speeds と **Use Default** にチェックを入れて **Next >** をクリックします。



Check the **Automatic** in Protection.
Check the **Advanced** in Messaging.
Click **Finish**.

Protection から **Automatic** にチェックを入れます。
Messaging から **Advanced** にチェックを入れます。
Finish をクリックします。以上で設定は完了です。



WRITING PROCEDURE FOR MRAC MICROPROCESSOR

Turn on the Unit, and press **AUTO**, **MULTI SPEAKER** and **MEMORY** button simultaneously more than 1.5 seconds. And turn on update mode.

Turn the input selector until **MRAC CPU UPGRADE** is displayed on FL Display.

Press the **ENTER** button, and decides to **LOADING MODE**.

Right click on the **SR9600_MRAC**, and choose the **Add Files...** in a menu.

MRAC マイコンの書き込み方法

本機の電源を入れ、**AUTO**、**MULTI SPEAKER**、**MEMORY** の 3 つのボタンを同時に 1.5 秒以上押し、書き込みモードにします。

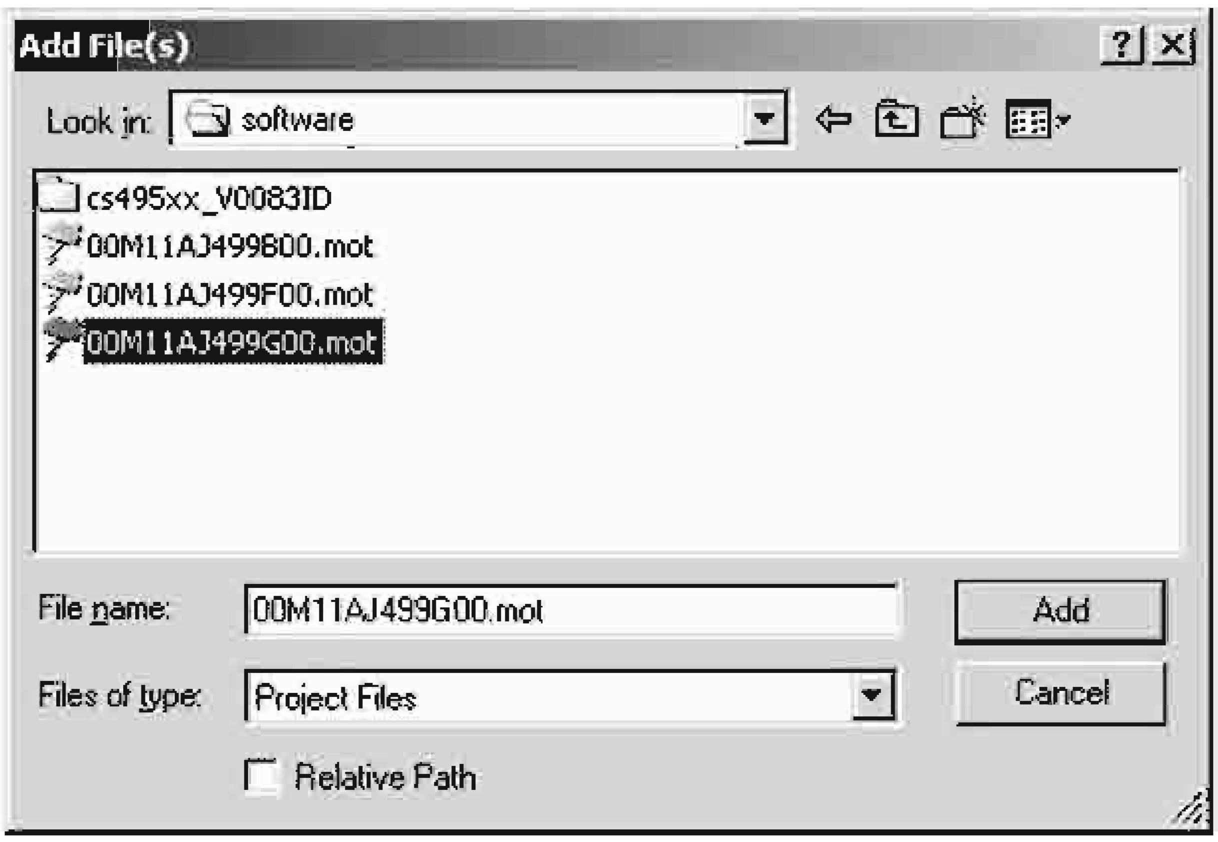
INPUT SELECTOR を回し、FL Display に **MRAC CPU UPGRADE** を表示させます。

ENTER ボタンを押して、**LOADING MODE** に確定します。

SR9600_MRAC を右クリックし、メニューから **Add Files...** を選びます。

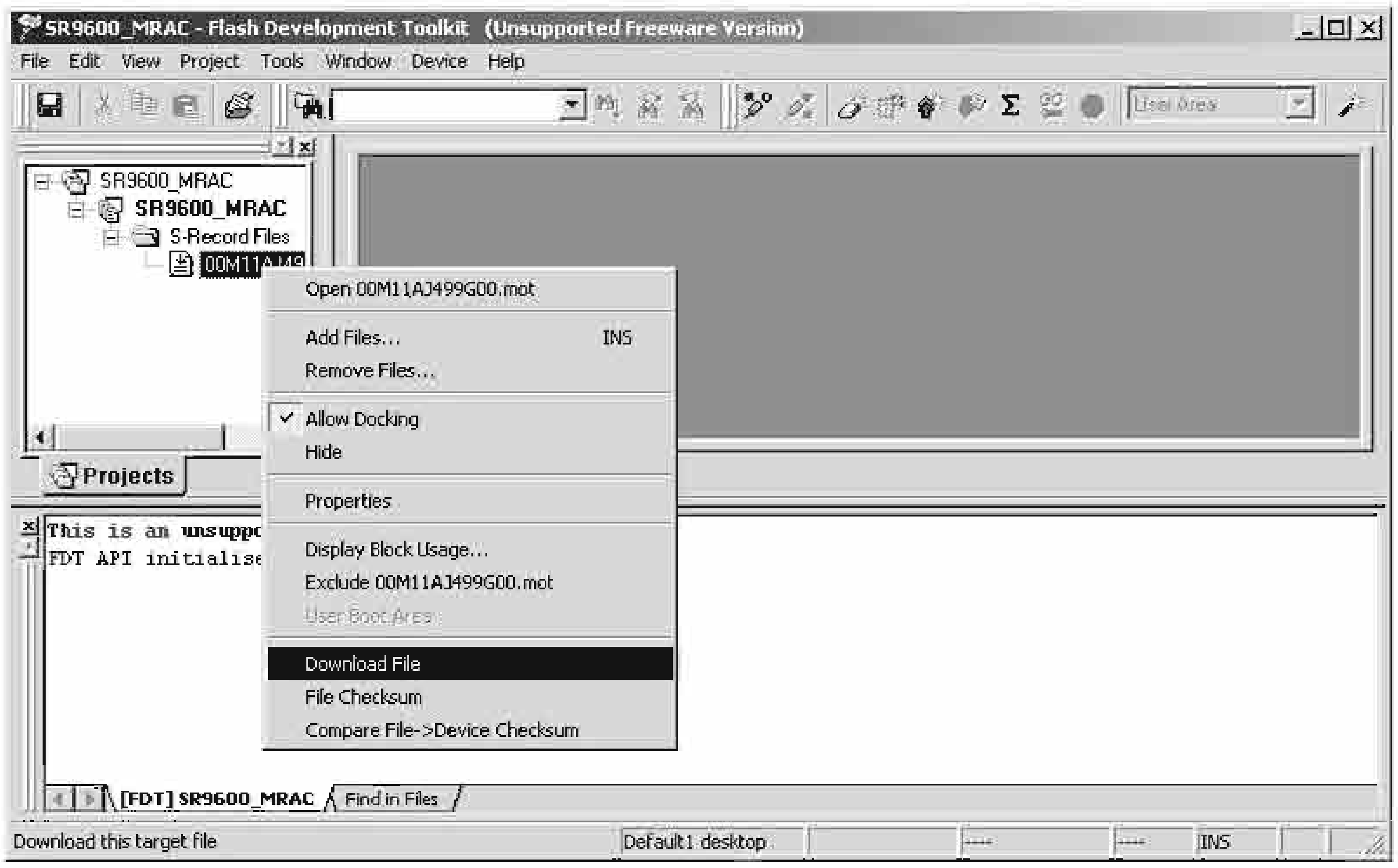
Select the **00M11AJ499Gxx.mot**, and click **Add**.

00M11AJ499Gxx.mot を選択し、**Add** をクリックします。



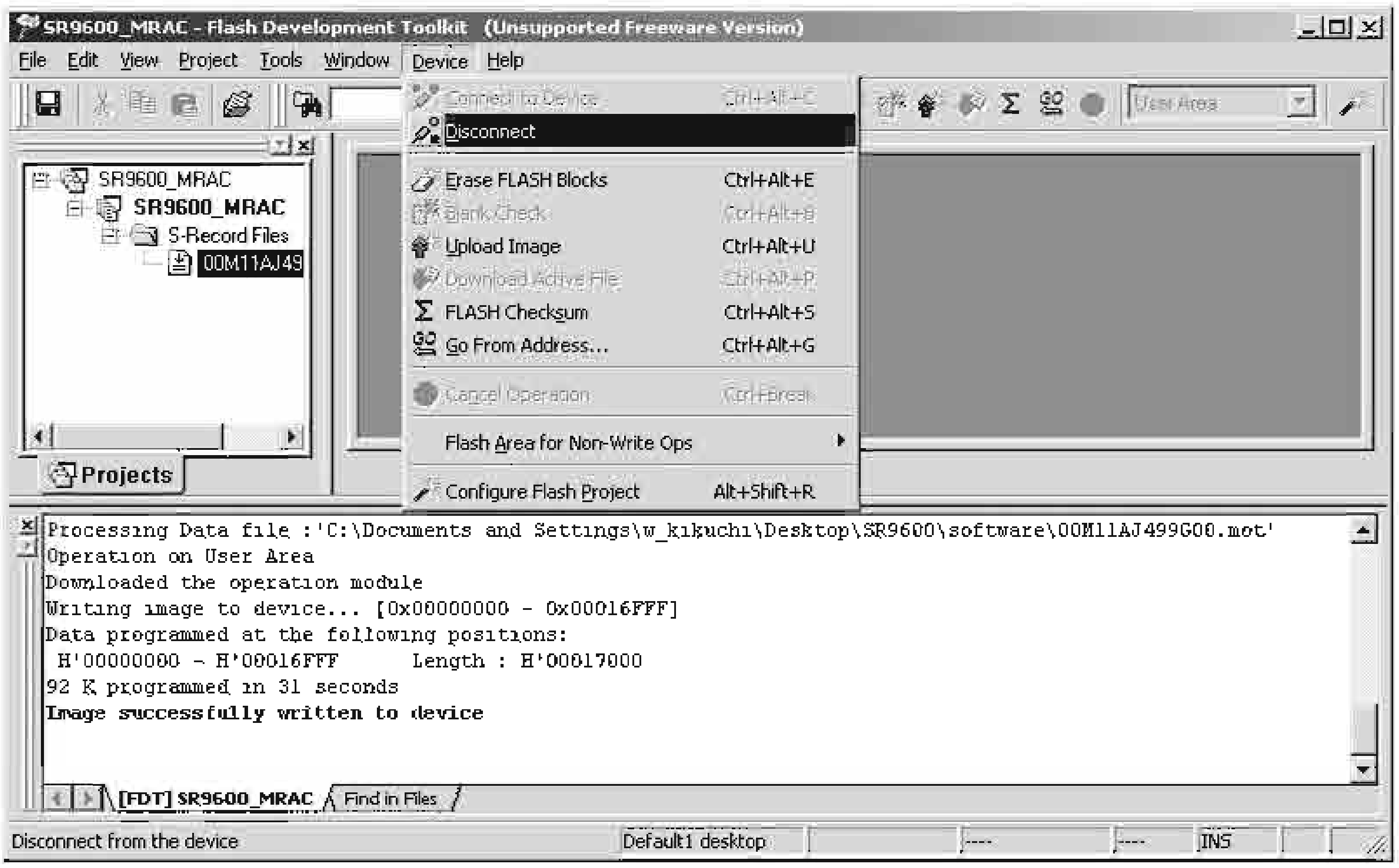
Press right button of mouse on the **00M11AJ499Gxx.mot**, and choose the **Download File** in a menu.

00M11AJ499Gxx.mot を右クリックし、メニューから **Download File** をクリックします。



Software is written into the MRAC microprocessor.
The writing of software takes about 35 seconds.
Click **Device** in the menu bar and select **Disconnect**.

書き込みが開始され左下にステータスバーが出ます。
このソフトウェアの書き込み時間はおよそ 35 秒です。
Device をクリックし、メニューから **Disconnect** をクリックします。

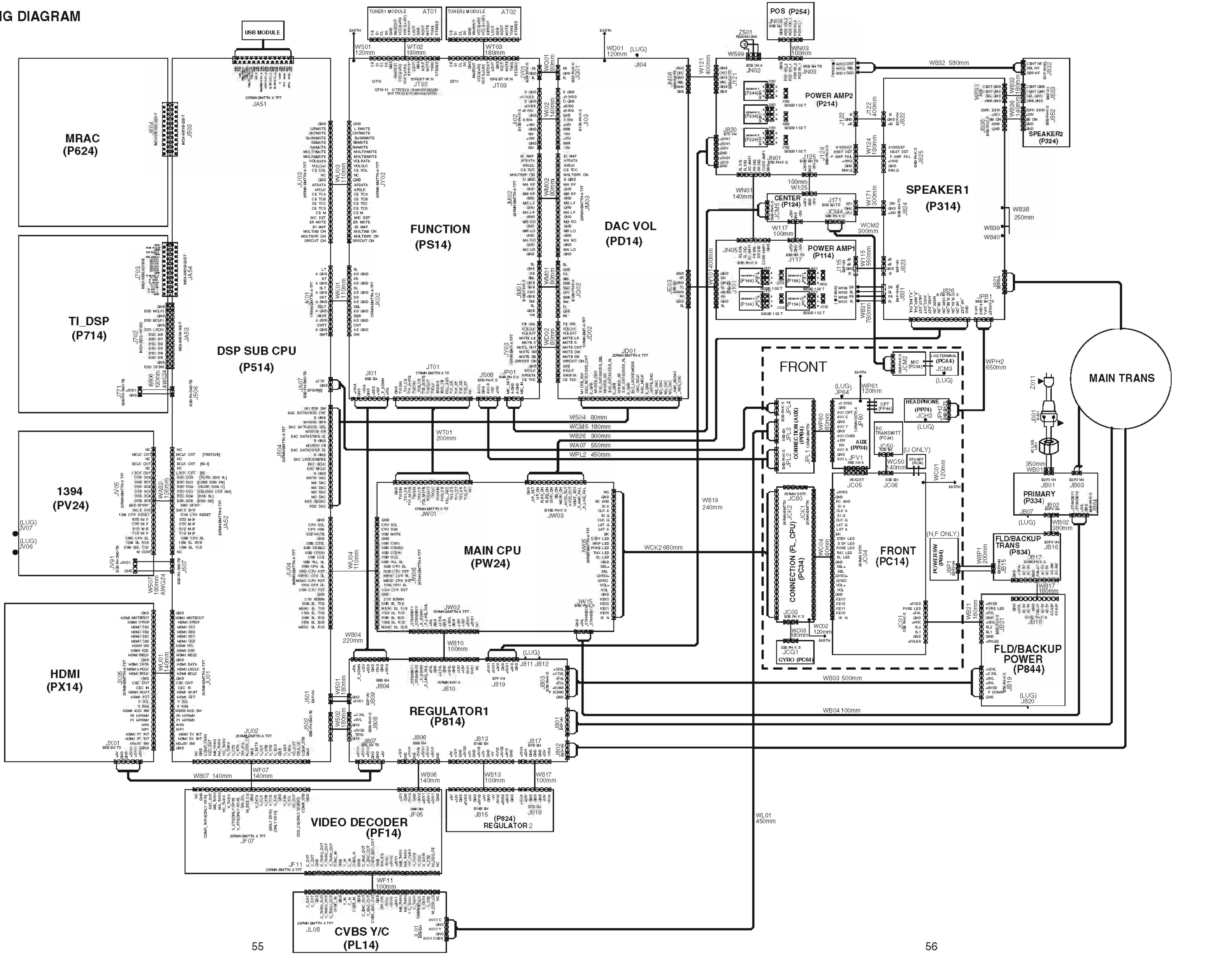


Click **File** and choose **Exit** in menu, when ending writing software.
Disconnect the mains cable from the Unit.

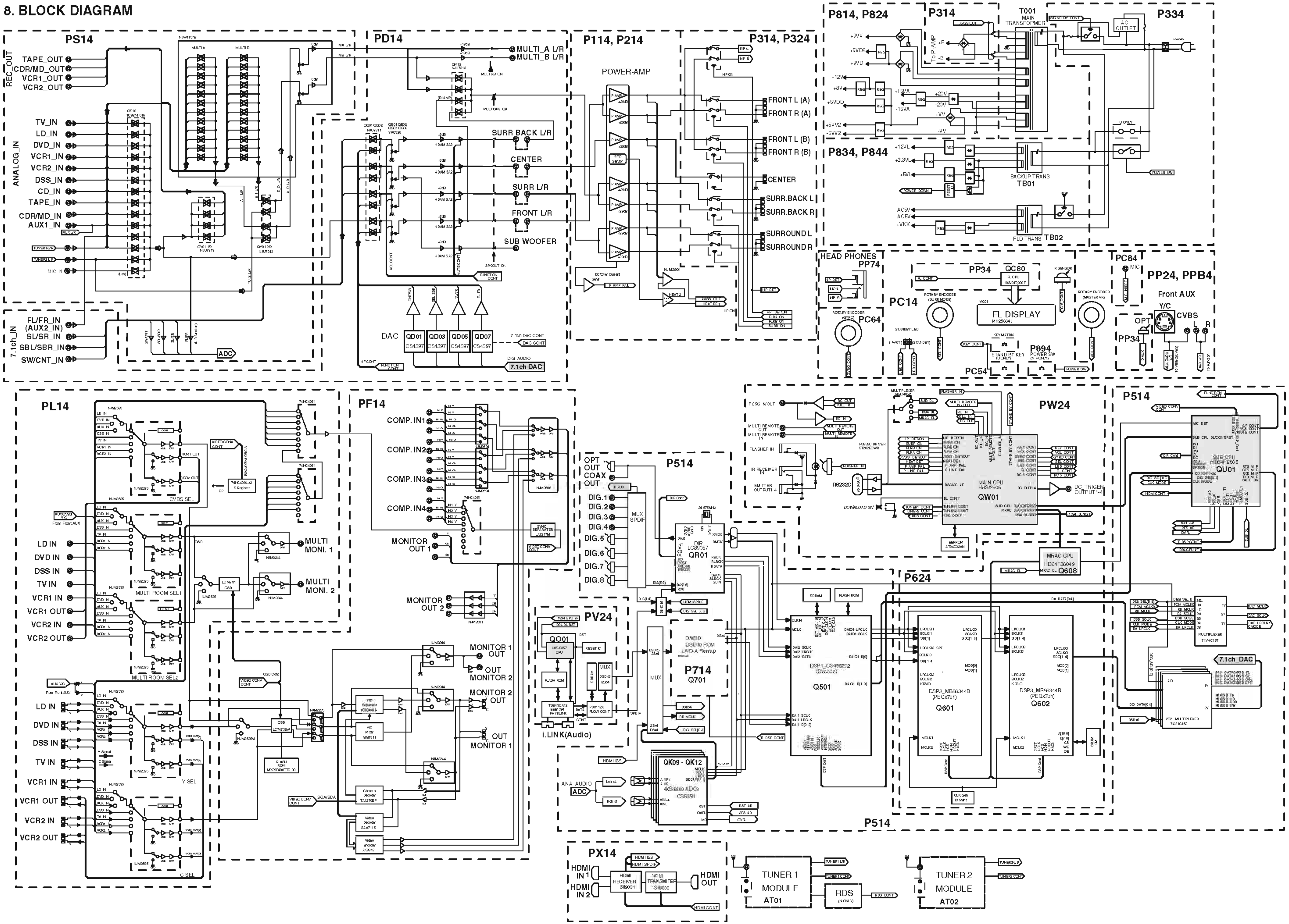
ソフトウェアを終了するときは **File** をクリックし、メニューから **Exit** をクリックします。
電源コードを本機から外します。

Personal notes:

7. WIRING DIAGRAM

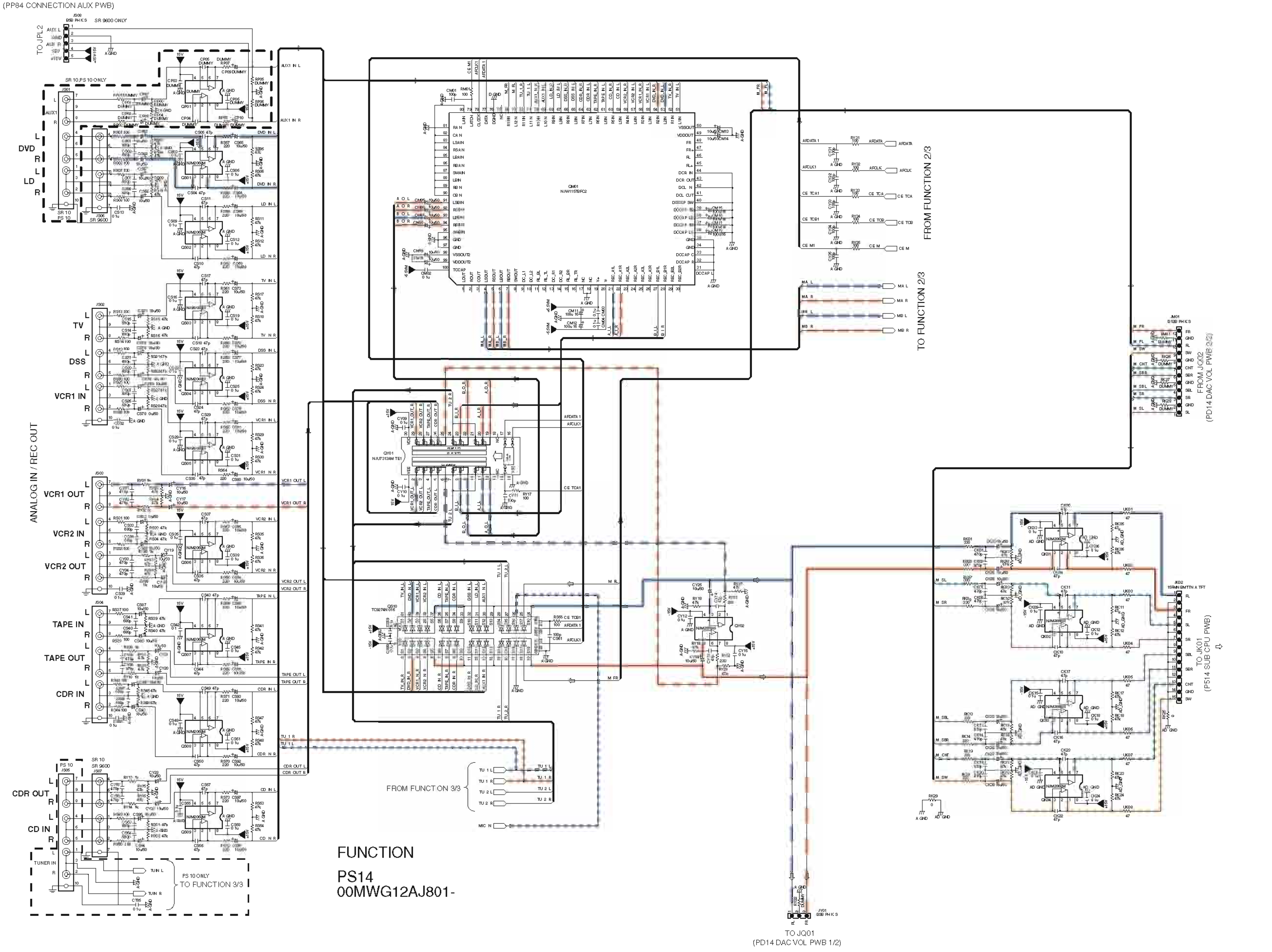


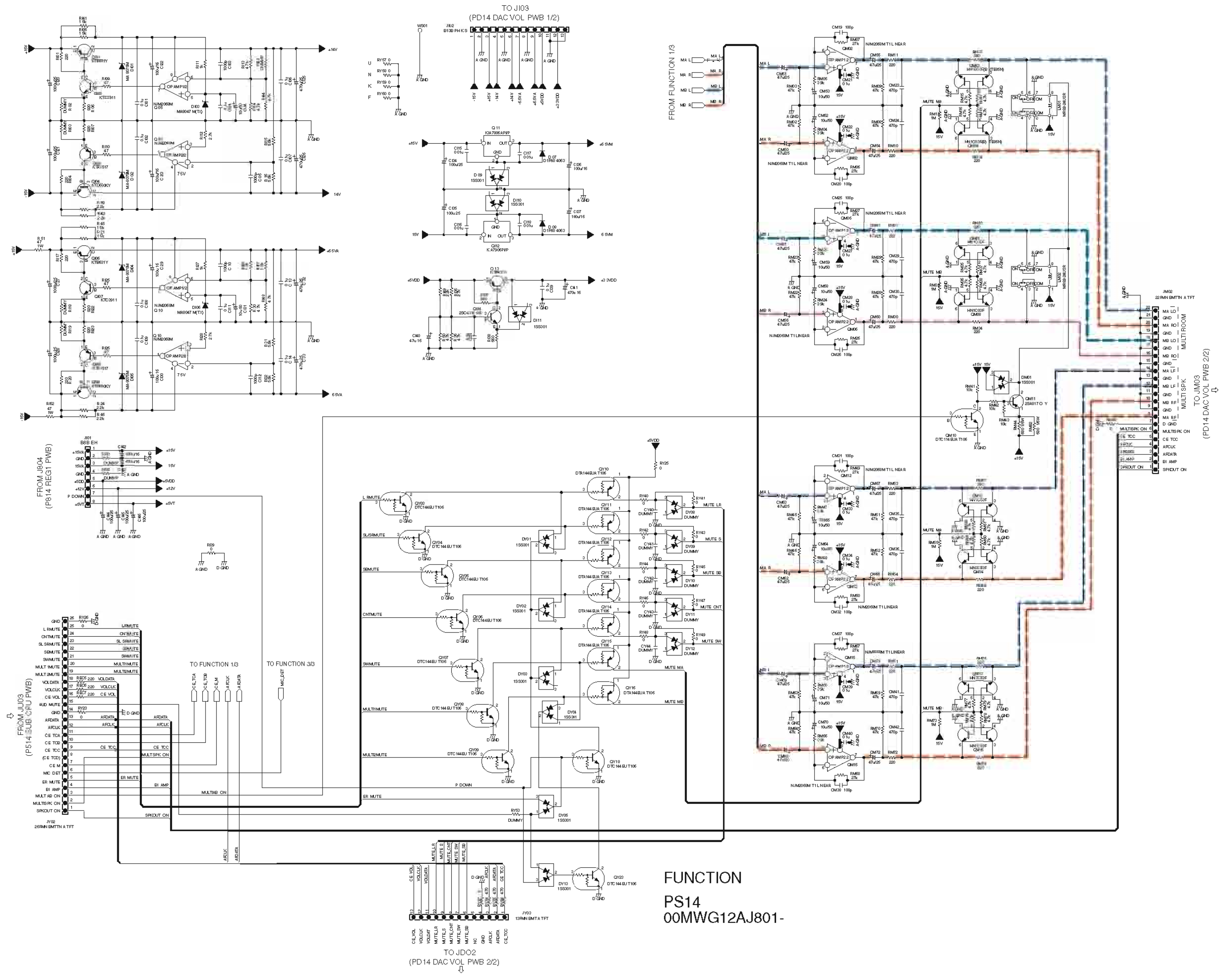
8. BLOCK DIAGRAM

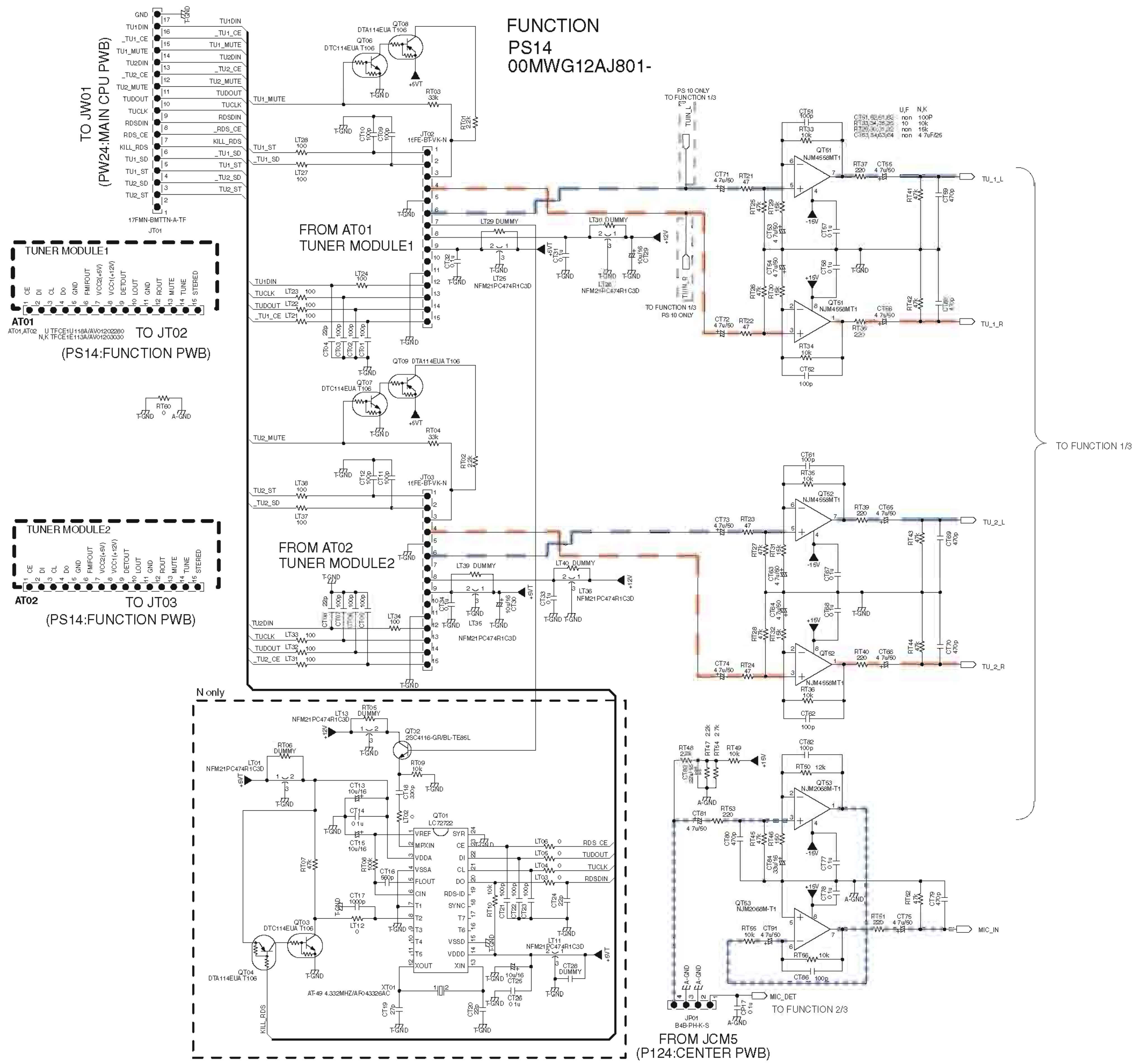


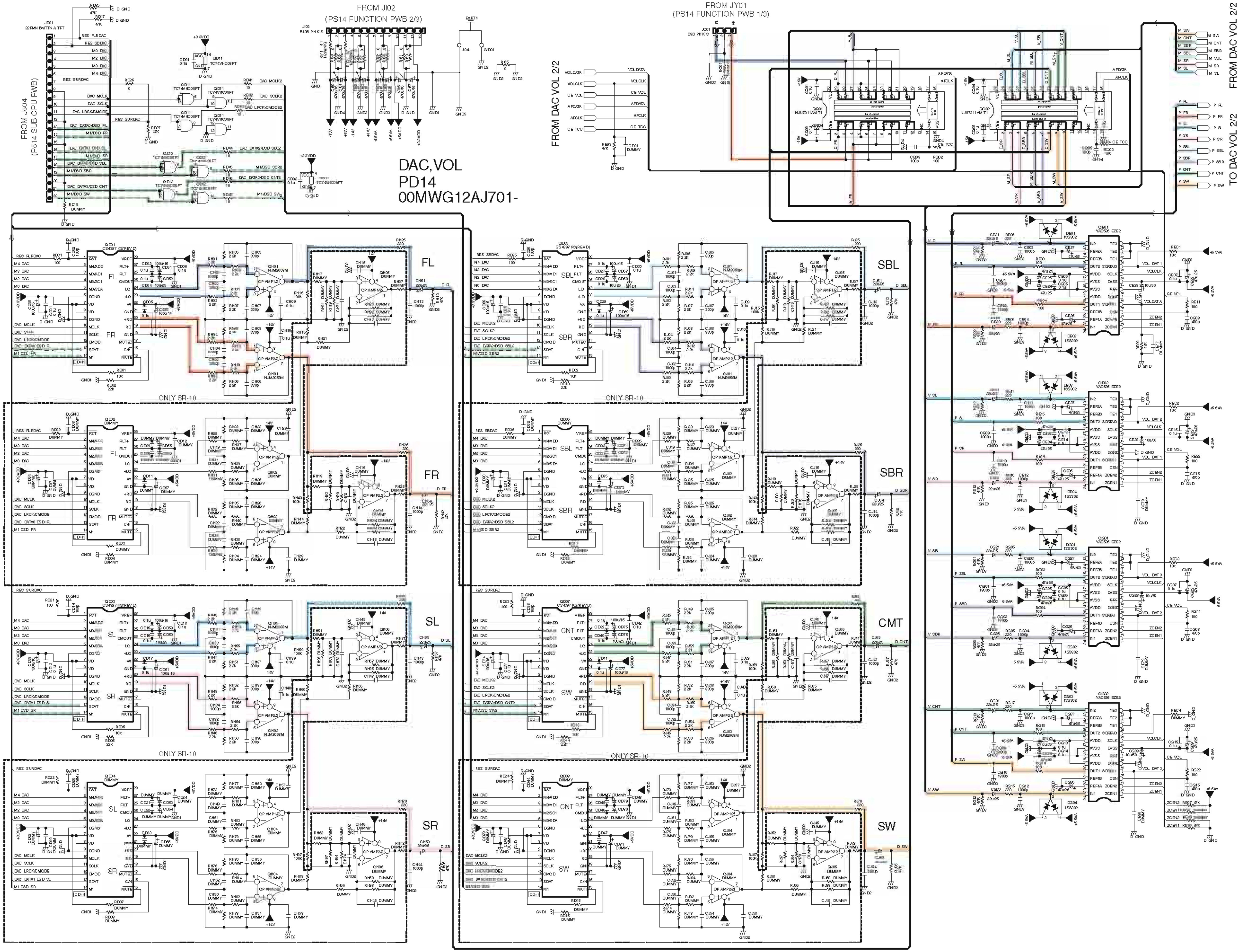
9. SCHEMATIC DIAGRAM

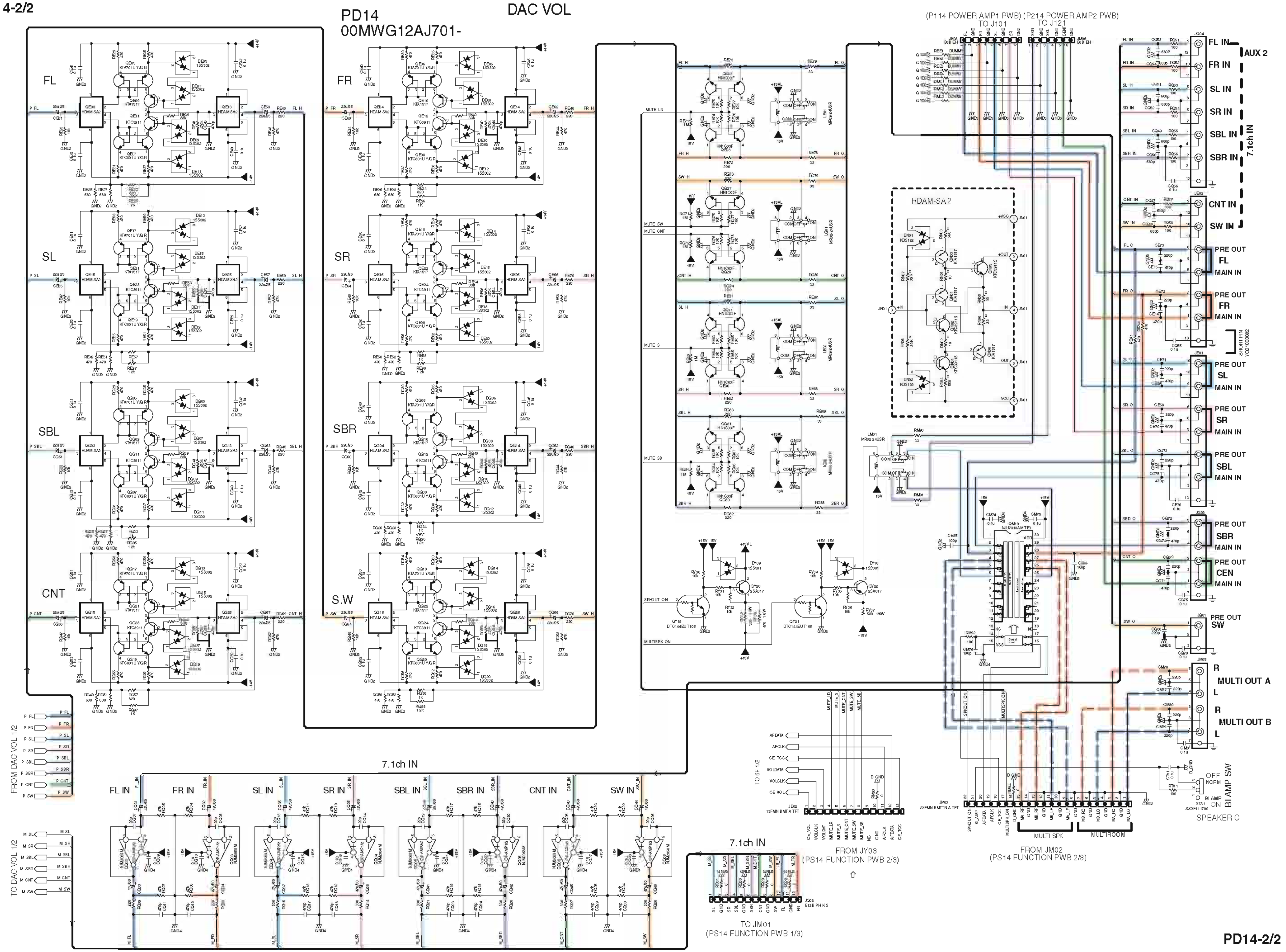
PS14 -1/3

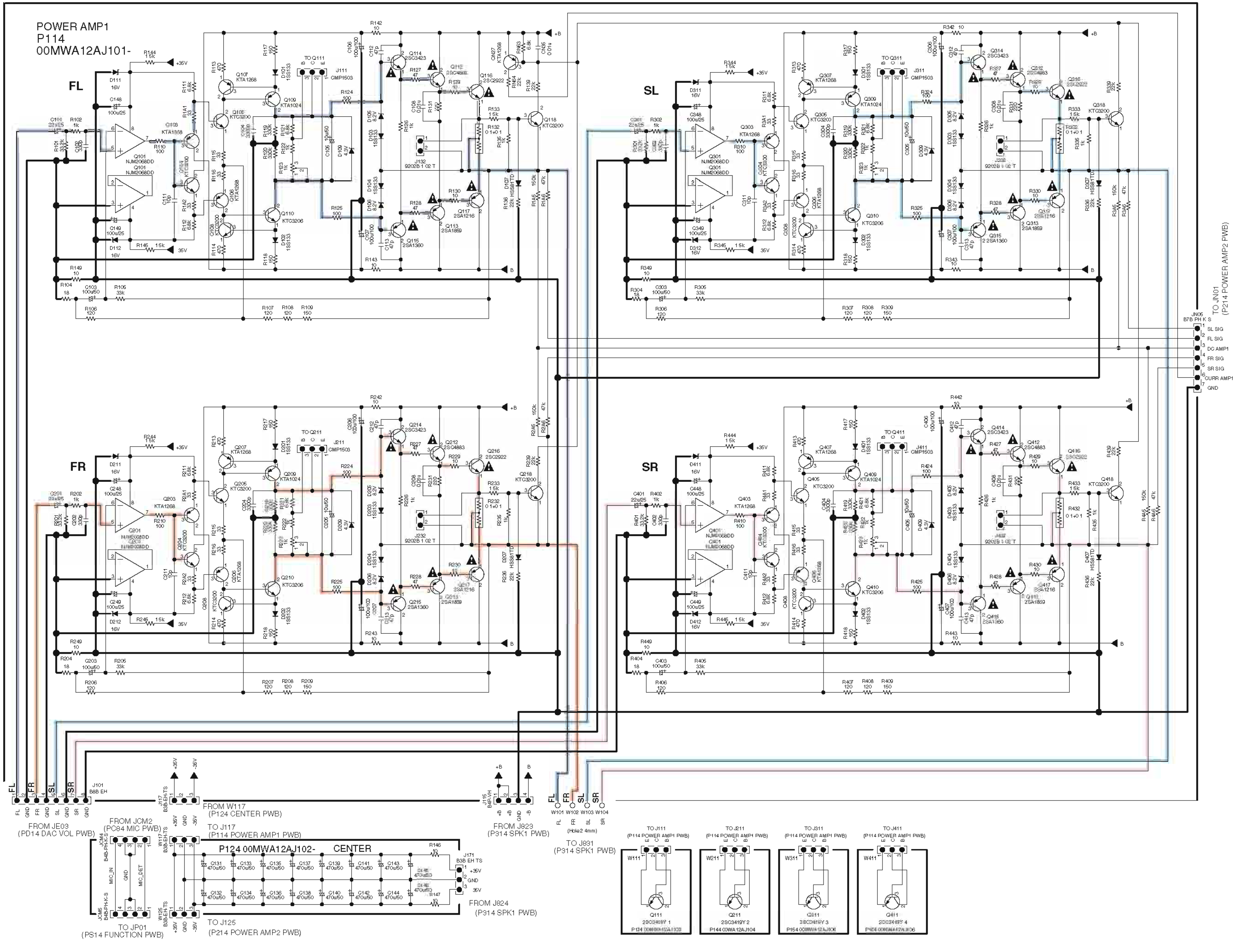


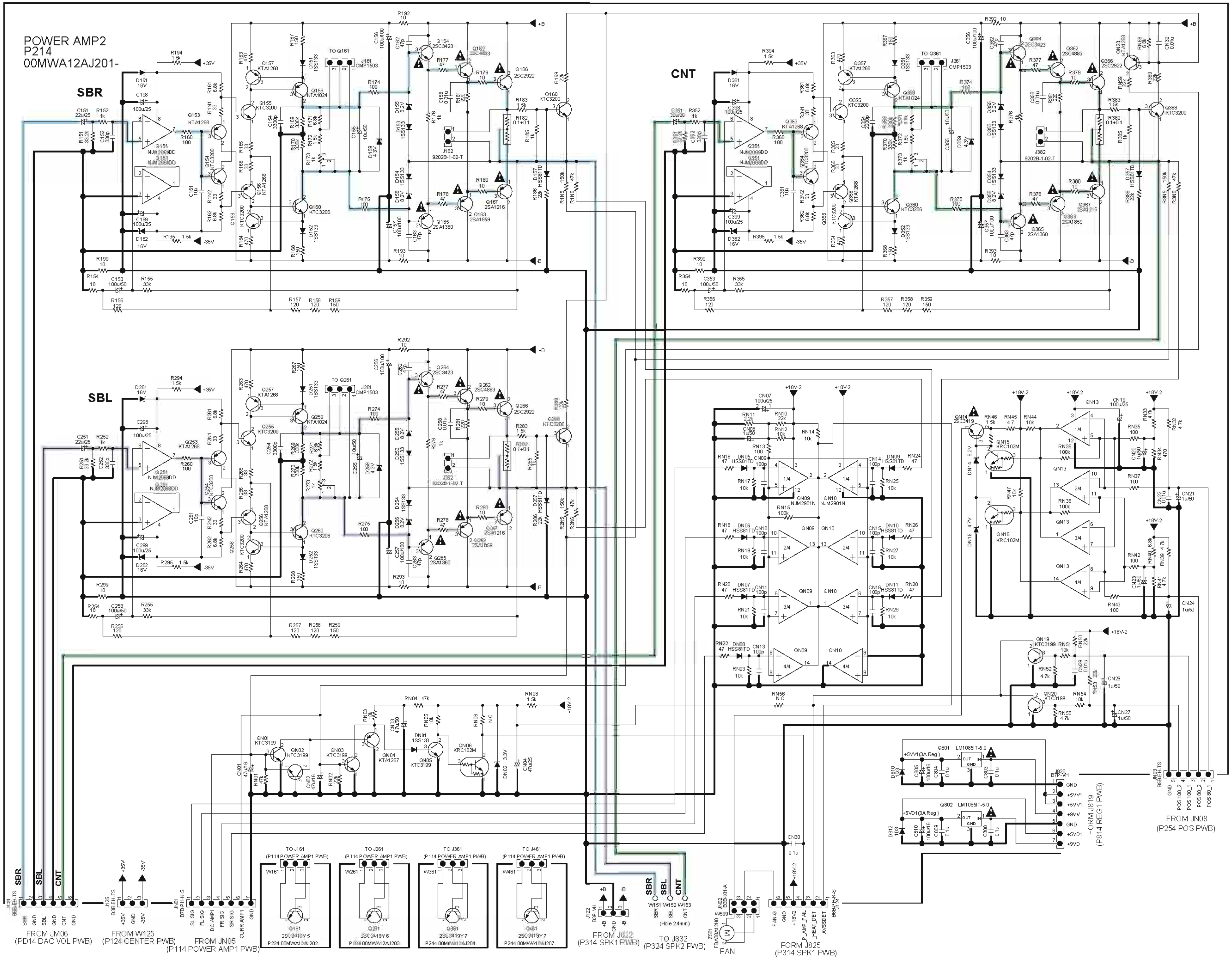

TO JI03
(PD14 DAC VOL PWB 1/2)
FROM FUNCTION 1/3
FROM J804
(P814 REG1 PWB)
TO FUNCTION 1/3
TO FUNCTION 3/3
FROM JU03
(P514 SUB CPU PWB)
TO JDO2
(PD14 DAC VOL PWB 2/2)
TO JM03
(PD14 DAC VOL PWB 2/2)
MULTI ROOM
MULTI SPK
FUNCTION
PS14
00MWG12AJ801-

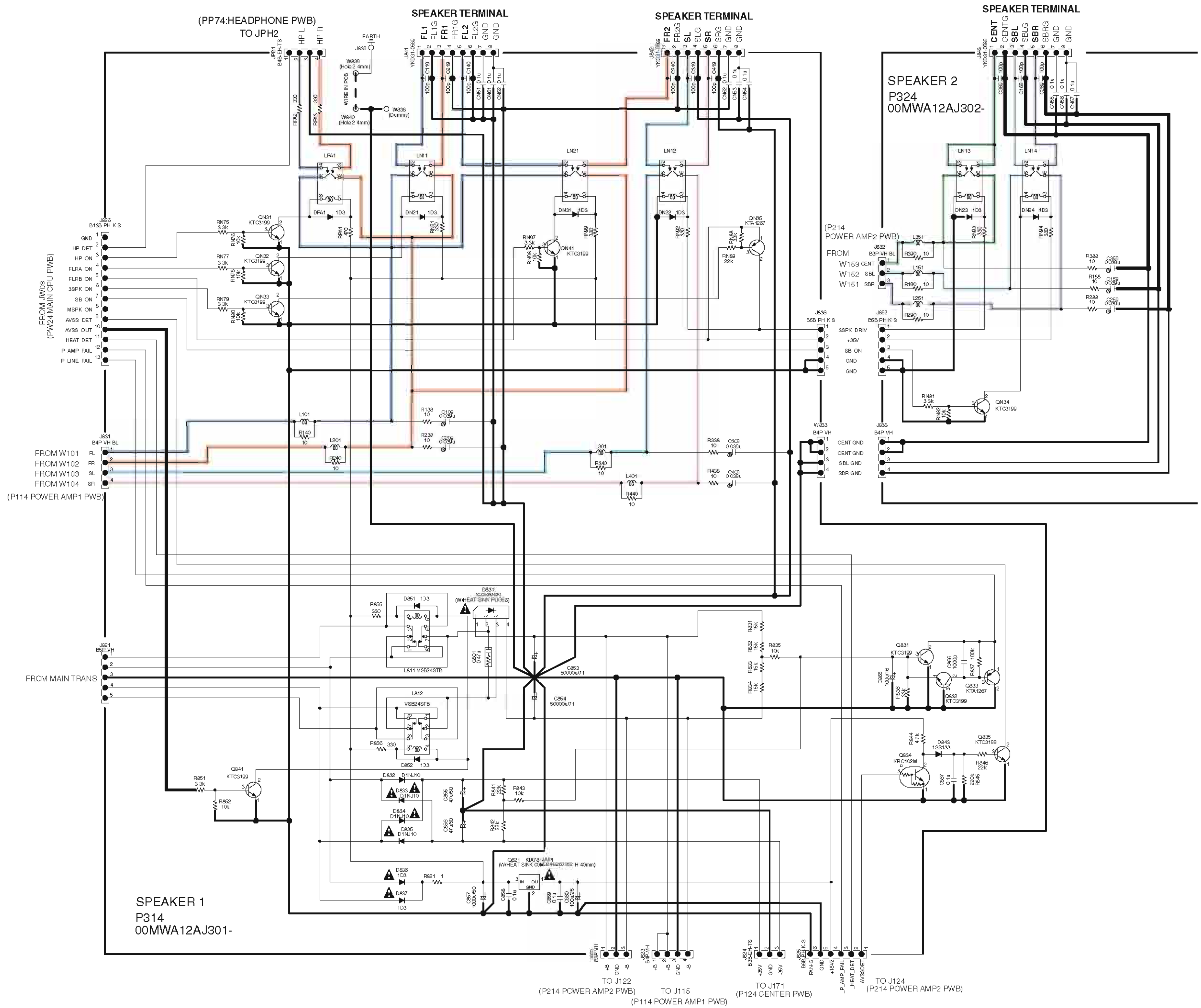

FUNCTION
PS14
00MWG12AJ801-
TO JW01
(PW24:MAIN CPU PWB)
TUNER MODULE1
AT01
TO JT02
(PS14:FUNCTION PWB)
TUNER MODULE2
AT02
TO JT03
(PS14:FUNCTION PWB)
FROM AT01
TUNER MODULE1
FROM AT02
TUNER MODULE2
N only
TO FUNCTION 1/3
FROM JCM5
(P124:CENTER PWB)
TO FUNCTION 2/3
TU_1_L
TU_1_R
TU_2_L
TU_2_R
MIC_IN
MIC_DET


DAC,VOL
PD14
00MWG12AJ701-
FROM J504
(P514 SUB CPU PWB)
FROM JI02
(PS14 FUNCTION PWB 2/3)
FROM JY01
(PS14 FUNCTION PWB 1/3)
FROM DAC VOL 2/2
TO DAC VOL 2/2
FL
FR
SL
SR
SBL
SBR
CMT
SW
ONLY SR-10

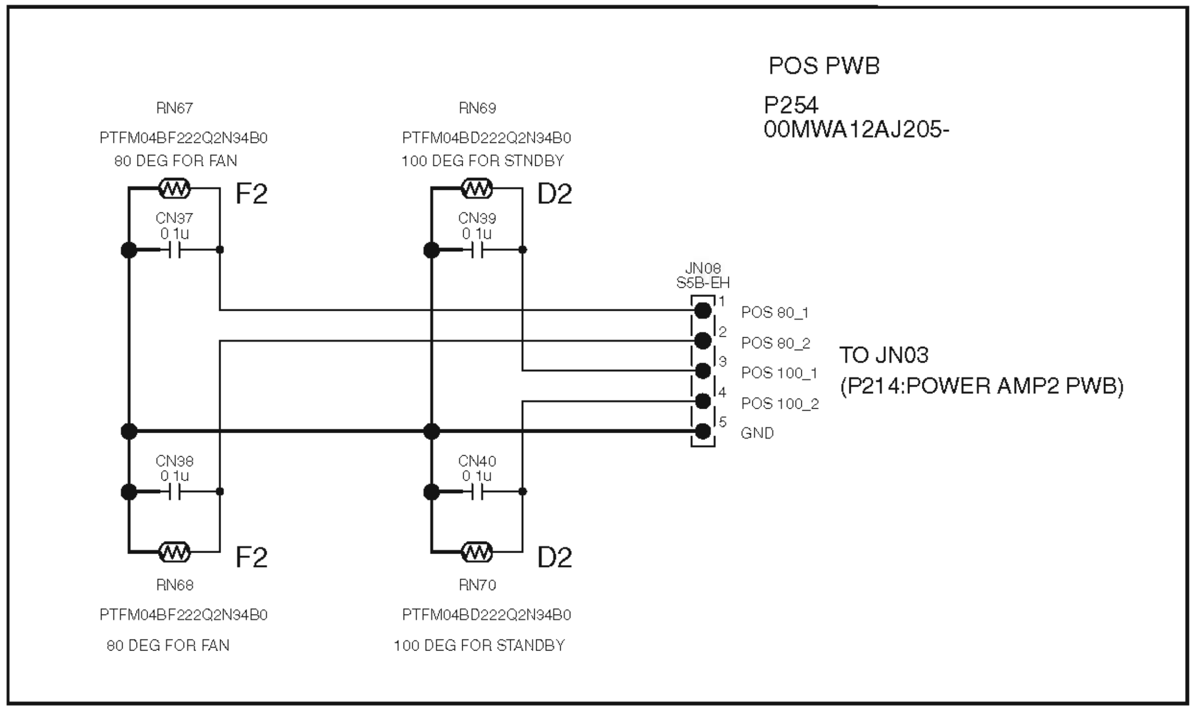

PD14
00MWG12AJ701-
DAC VOL
FL
FR
SL
SR
SBL
SBR
CNT
S.W
HDAM-SA2
(P114 POWER AMP1 PWB) (P214 POWER AMP2 PWB)
TO J101
TO J121
FL IN
FR IN
SL IN
SR IN
SBL IN
SBR IN
CNT IN
SW IN
AUX 2
7.1ch IN
PRE OUT
MAIN IN
SHORT PIN
MULTI OUT A
MULTI OUT B
BI AMP SW
SPEAKER C
FROM DAC VOL 1/2
TO DAC VOL 1/2
TO 6F 1/2
FROM JY03
(PS14 FUNCTION PWB 2/3)
FROM JM02
(PS14 FUNCTION PWB 2/3)
TO JM01
(PS14 FUNCTION PWB 1/3)
MULTI SPK
MULTIROOM


POWER AMP1
P114
00MWA12AJ101-
FL
FR
SL
SR
FROM JE03
(PD14 DAC VOL PWB)
FROM JCM2
(PC84 MIC PWB)
FROM W117
(P124 CENTER PWB)
TO J117
(P114 POWER AMP1 PWB)
P124 00MWA12AJ102- CENTER
TO JP01
(PS14 FUNCTION PWB)
TO J125
(P214 POWER AMP2 PWB)
FROM J824
(P314 SPK1 PWB)
FROM J823
(P314 SPK1 PWB)
TO J831
(P314 SPK1 PWB)
TO JN01
(P214 POWER AMP2 PWB)
TO J111
(P114 POWER AMP1 PWB)
TO J211
(P114 POWER AMP1 PWB)
TO J311
(P114 POWER AMP1 PWB)
TO J411
(P114 POWER AMP1 PWB)


POWER AMP2
P214
00MWA12AJ201-
SBR
SBL
CNT
FROM JM06
(PD14 DAC VOL PWB)
FROM W125
(P124 CENTER PWB)
FROM JN05
(P114 POWER AMP1 PWB)
TO J161
(P114 POWER AMP1 PWB)
P224 00MWA12AJ202-
TO J261
(P114 POWER AMP1 PWB)
P234 00MWA12AJ203-
TO J361
(P114 POWER AMP1 PWB)
P244 00MWA12AJ204-
TO J461
(P114 POWER AMP1 PWB)
P244 00MWA12AJ207-
(P314 SPK1 PWB)
TO J832
(P324 SPK2 PWB)
(Hole 24mm)
FAN
FORM J825
(P314 SPK1 PWB)
FORM J819
(P814 REG1 PWB)
FROM JN08
(P254 POS PWB)



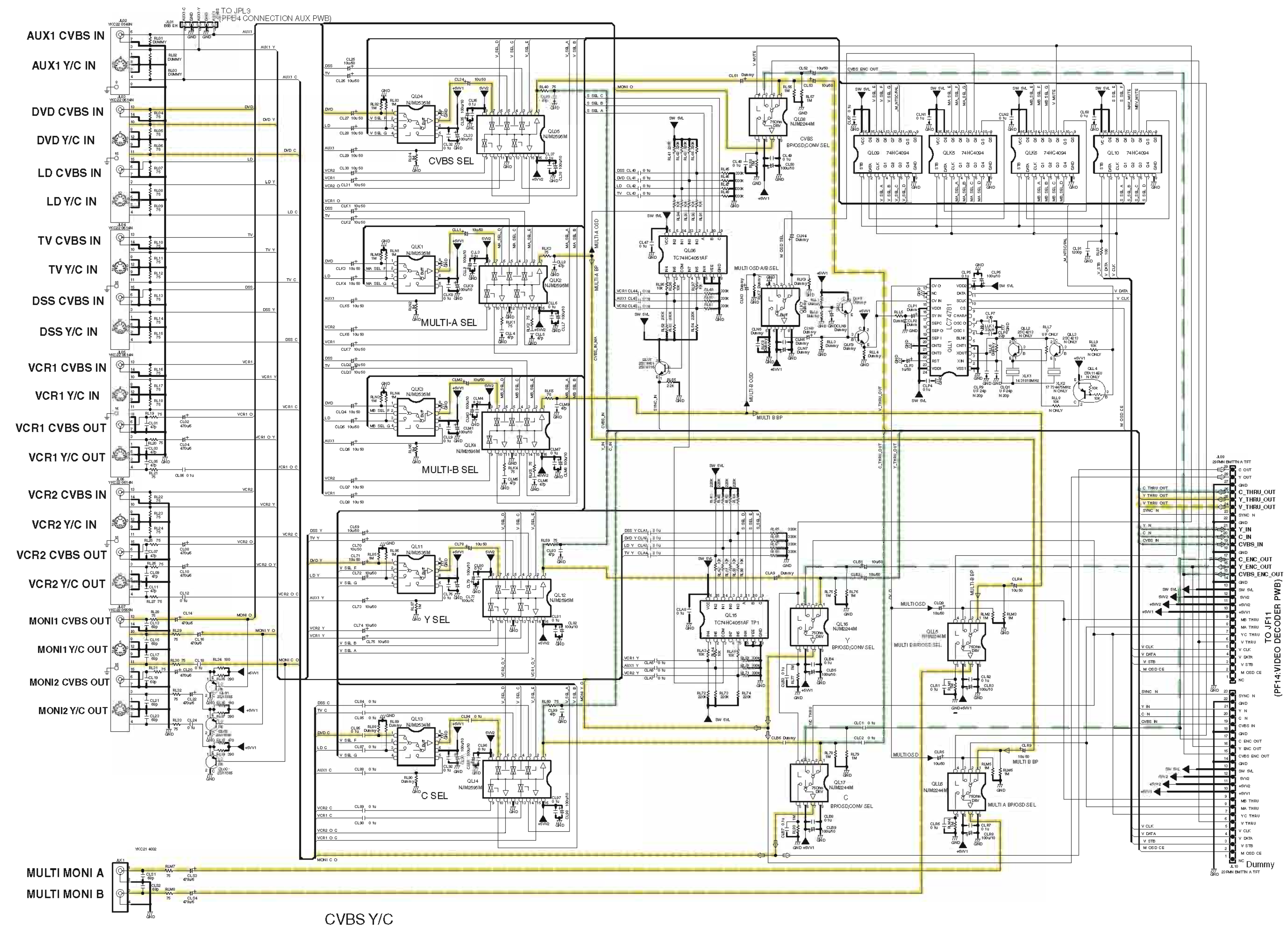
(PP74:HEADPHONE PWB)
TO JPH2
HP L
HP R
SPEAKER TERMINAL
FL1
FL1G
FR1
FR1G
FL2
FL2G
GND
GND
SPEAKER TERMINAL
FR2
FR2G
SL
SLG
SR
SRG
GND
GND
SPEAKER TERMINAL
CENT
CENTG
SBL
SBLG
SBR
SBRG
GND
GND
SPEAKER 2
P324
00MWA12AJ302-
FROM JW03
(PW24 MAIN CPU PWB)
GND
HP DET
HP ON
FLRA ON
FLRB ON
3SPK ON
SB ON
MSPK ON
AVSS DET
AVSS OUT
HEAT DET
P AMP FAIL
P LINE FAIL
(P214
POWER AMP2 PWB)
FROM
W153 CENT
W152 SBL
W151 SBR
3SPK DRIV
+35V
SB ON
GND
GND
FROM W101
FROM W102
FROM W103
FROM W104
(P114 POWER AMP1 PWB)
CENT GND
CENT GND
SBL GND
SBR GND
FROM MAIN TRANS
SPEAKER 1
P314
00MWA12AJ301-
TO J122
(P214 POWER AMP2 PWB)
TO J115
(P114 POWER AMP1 PWB)
TO J171
(P124 CENTER PWB)
TO J124
(P214 POWER AMP2 PWB)



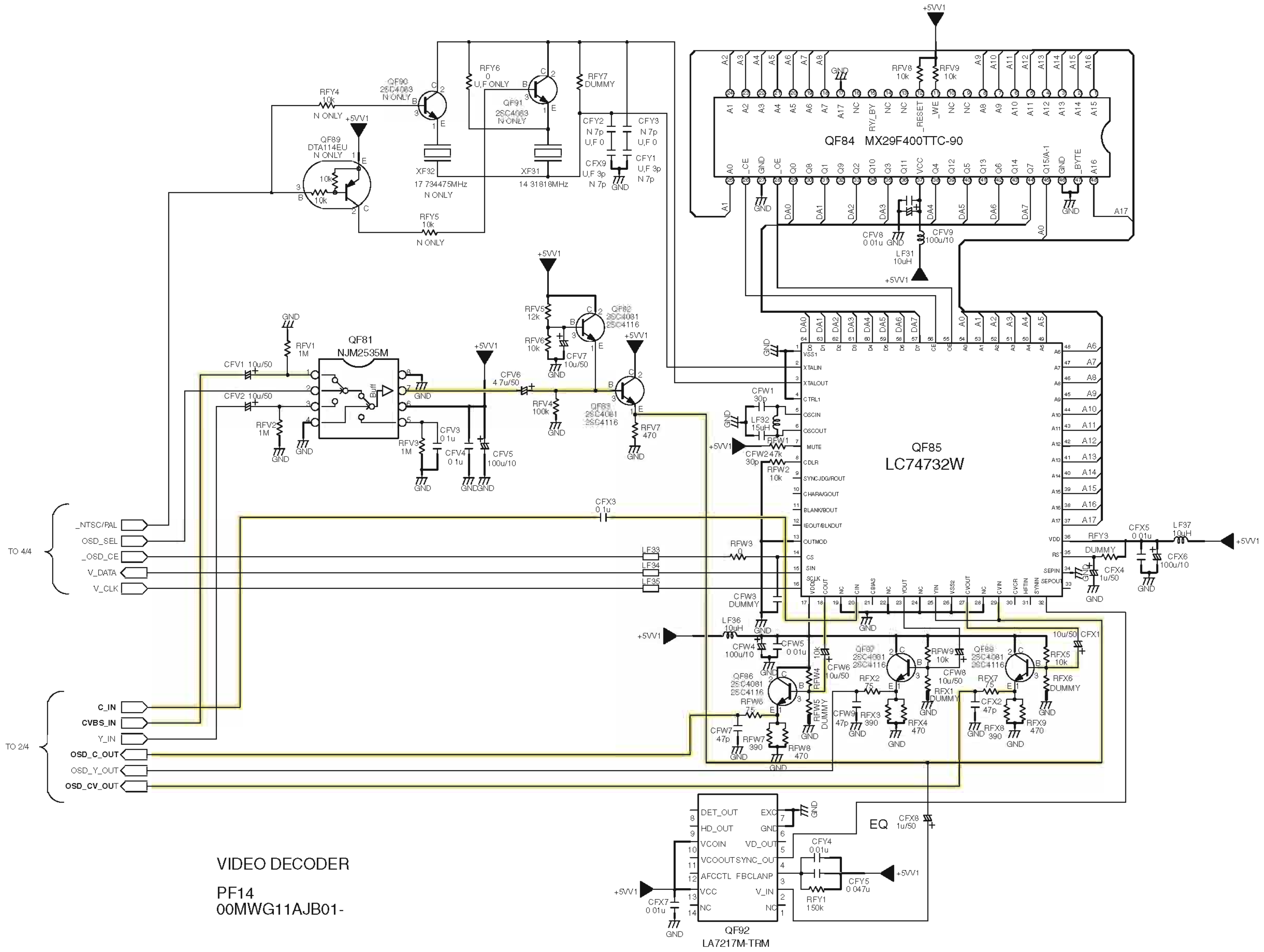
H-PROTECT PWB

P264
00MWA12AJ206-

Only PWB

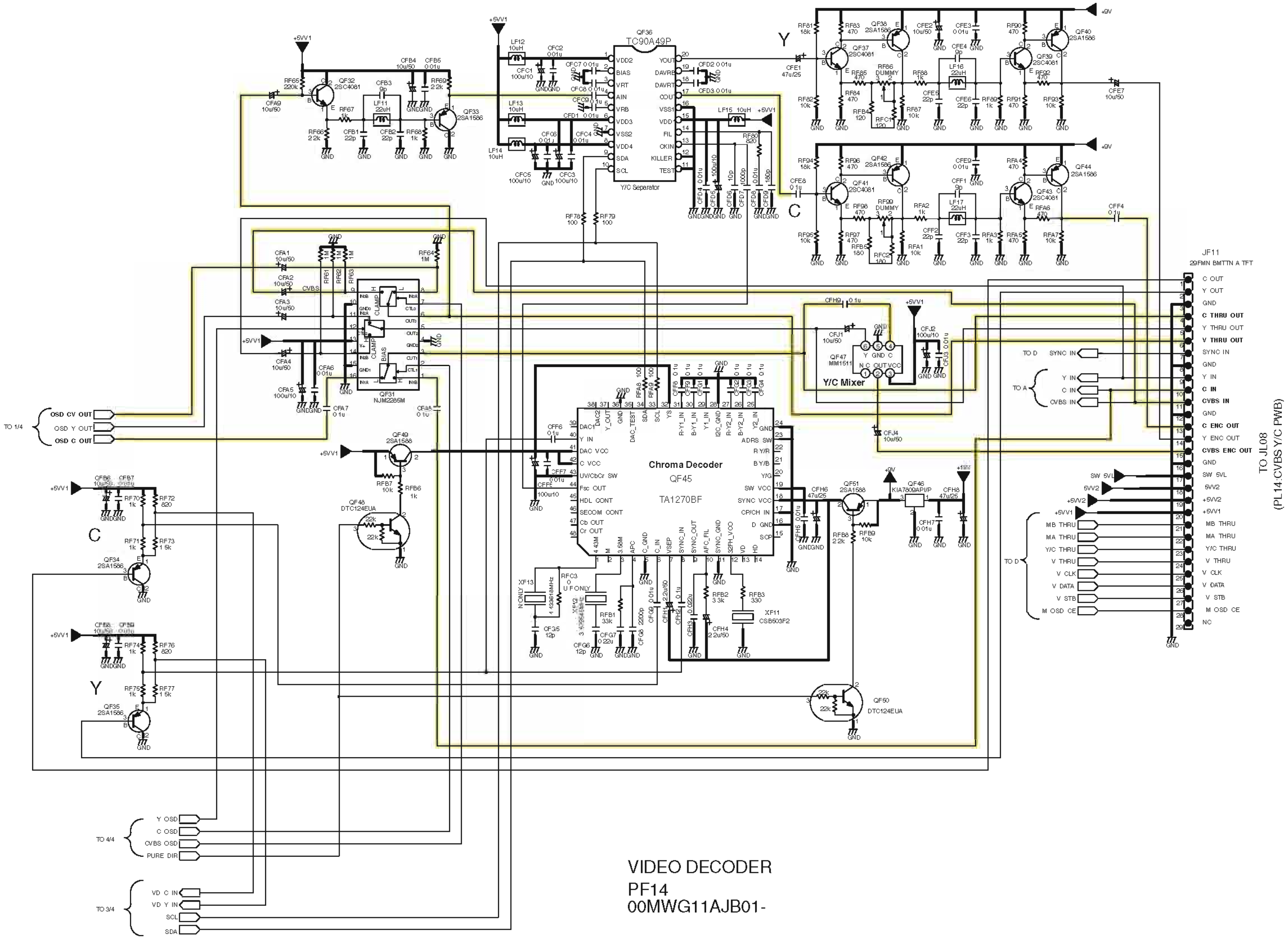


CVBS Y/C
PL14
00MWG12AJ501-

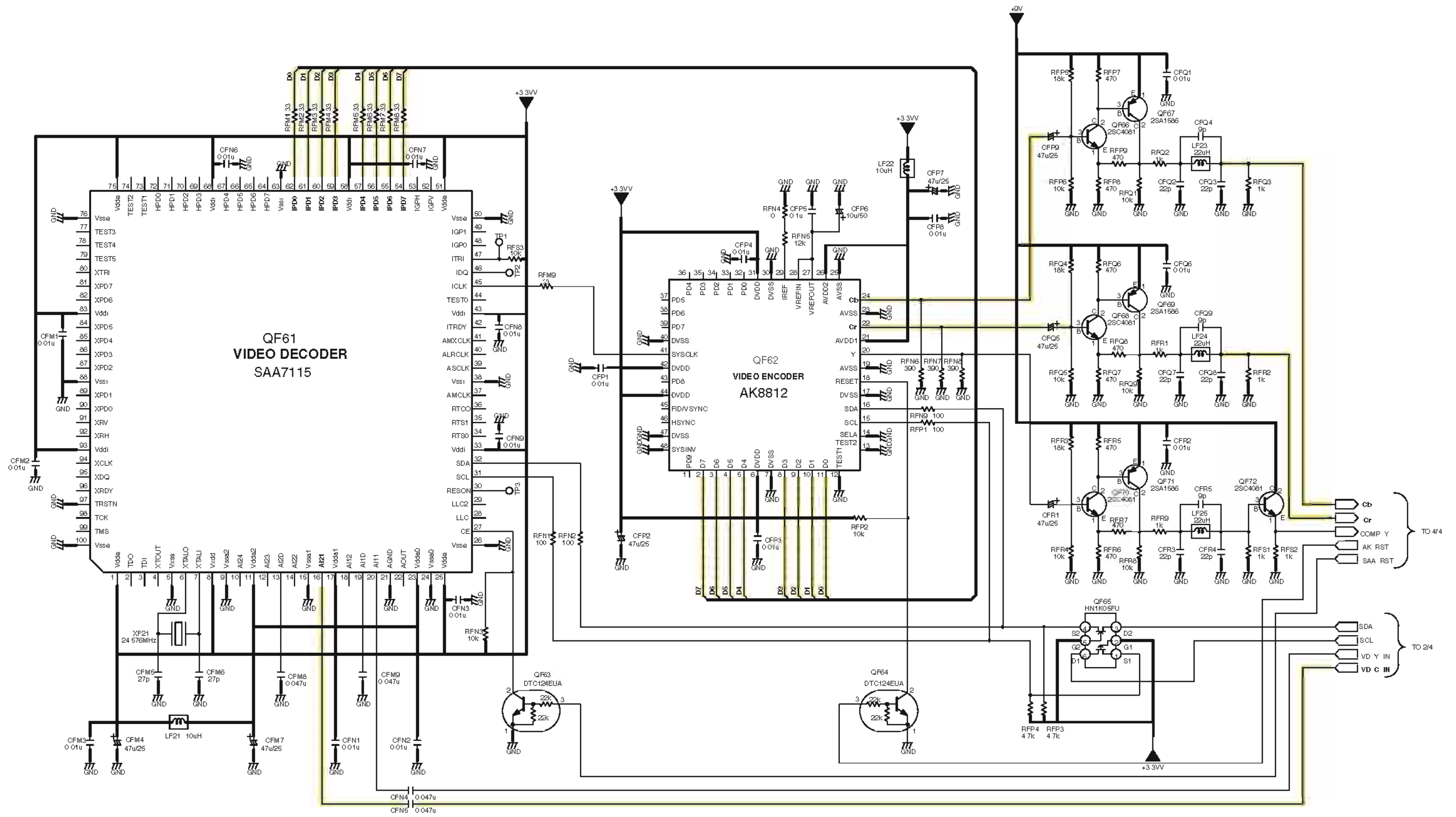


VIDEO DECODER

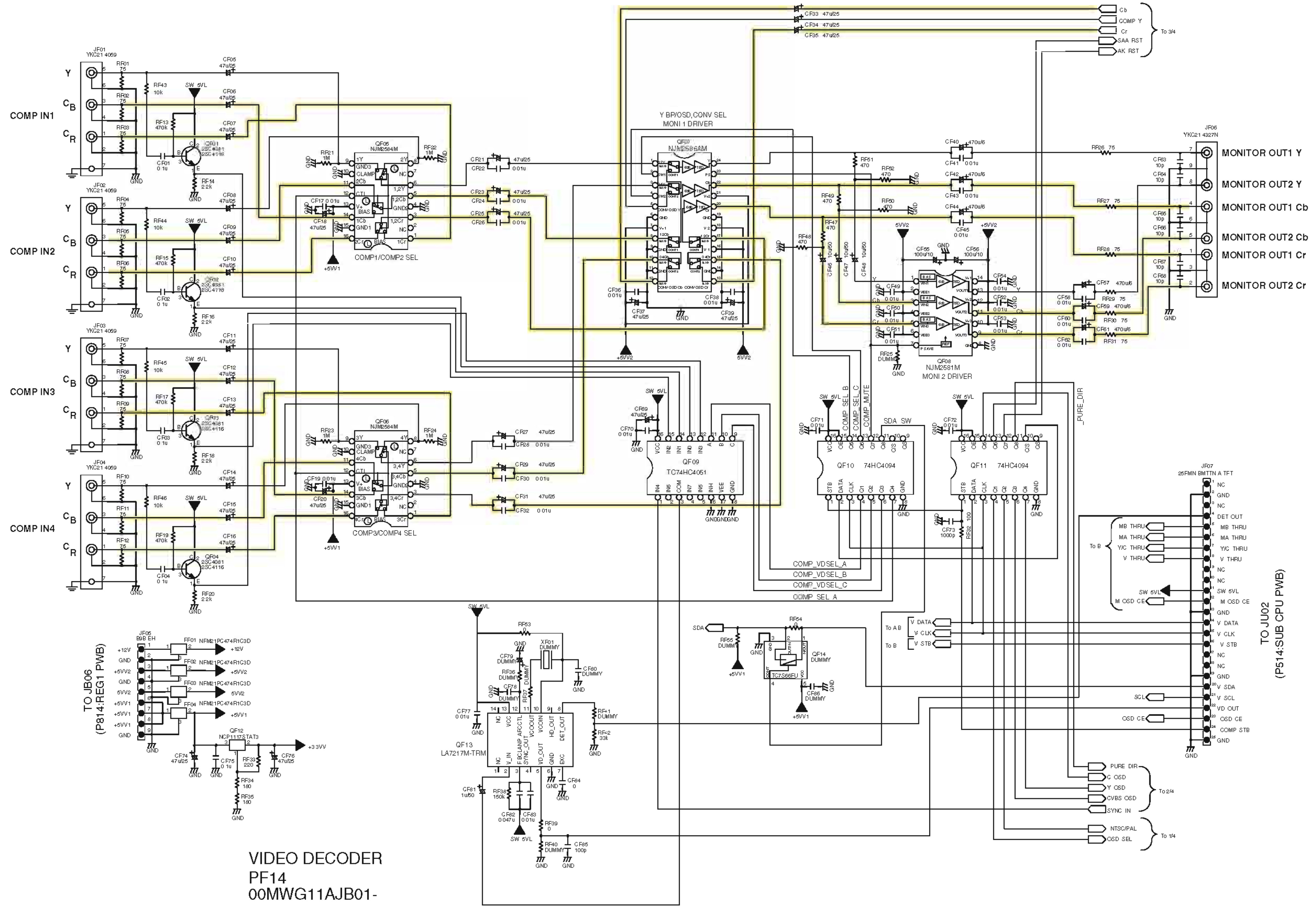
PF14
00MWG11AJB01-



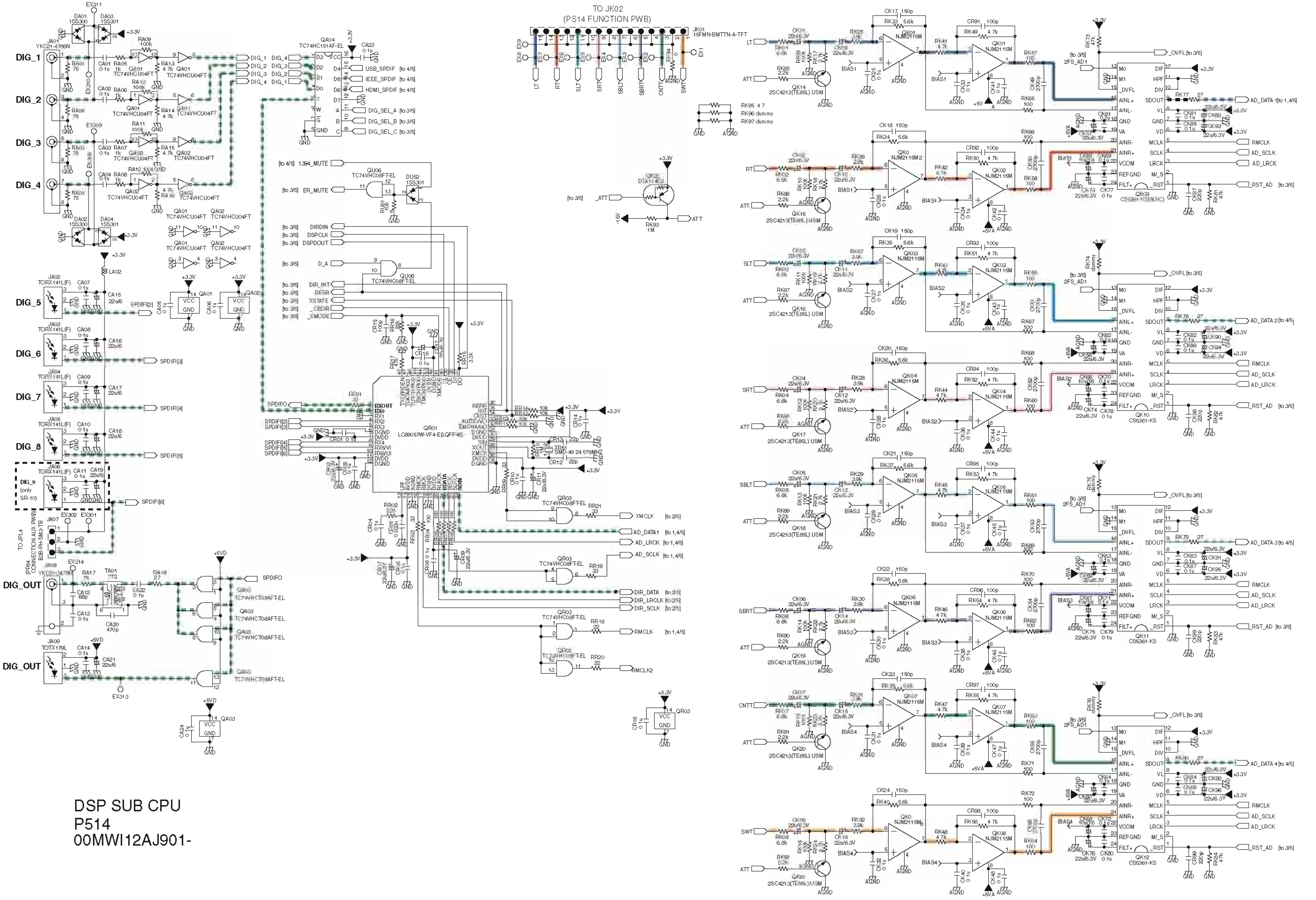
VIDEO DECODER
PF14
00MWG11AJB01-



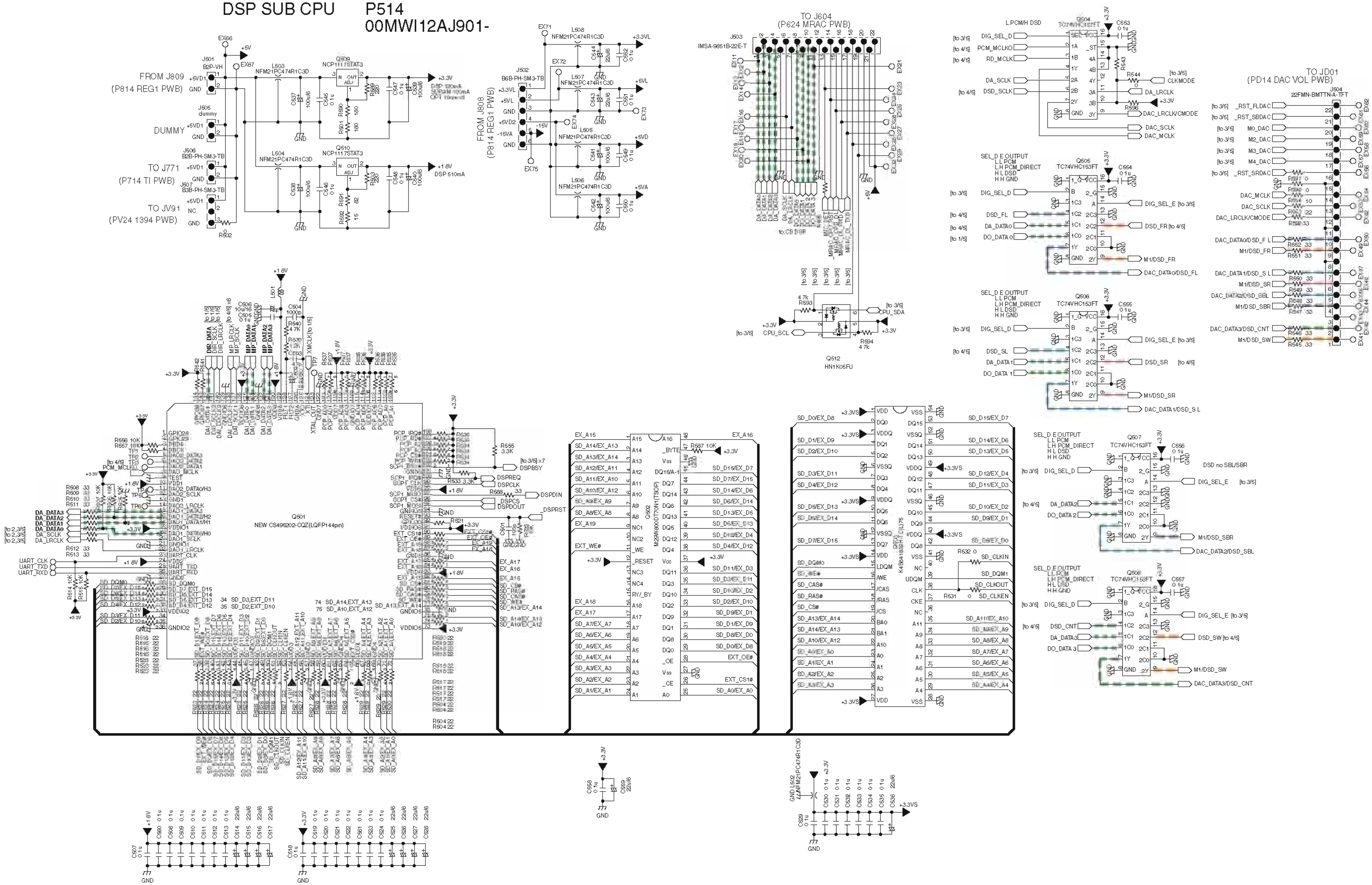
VIDEO DECODER
PF14
00MWG11AJB01-



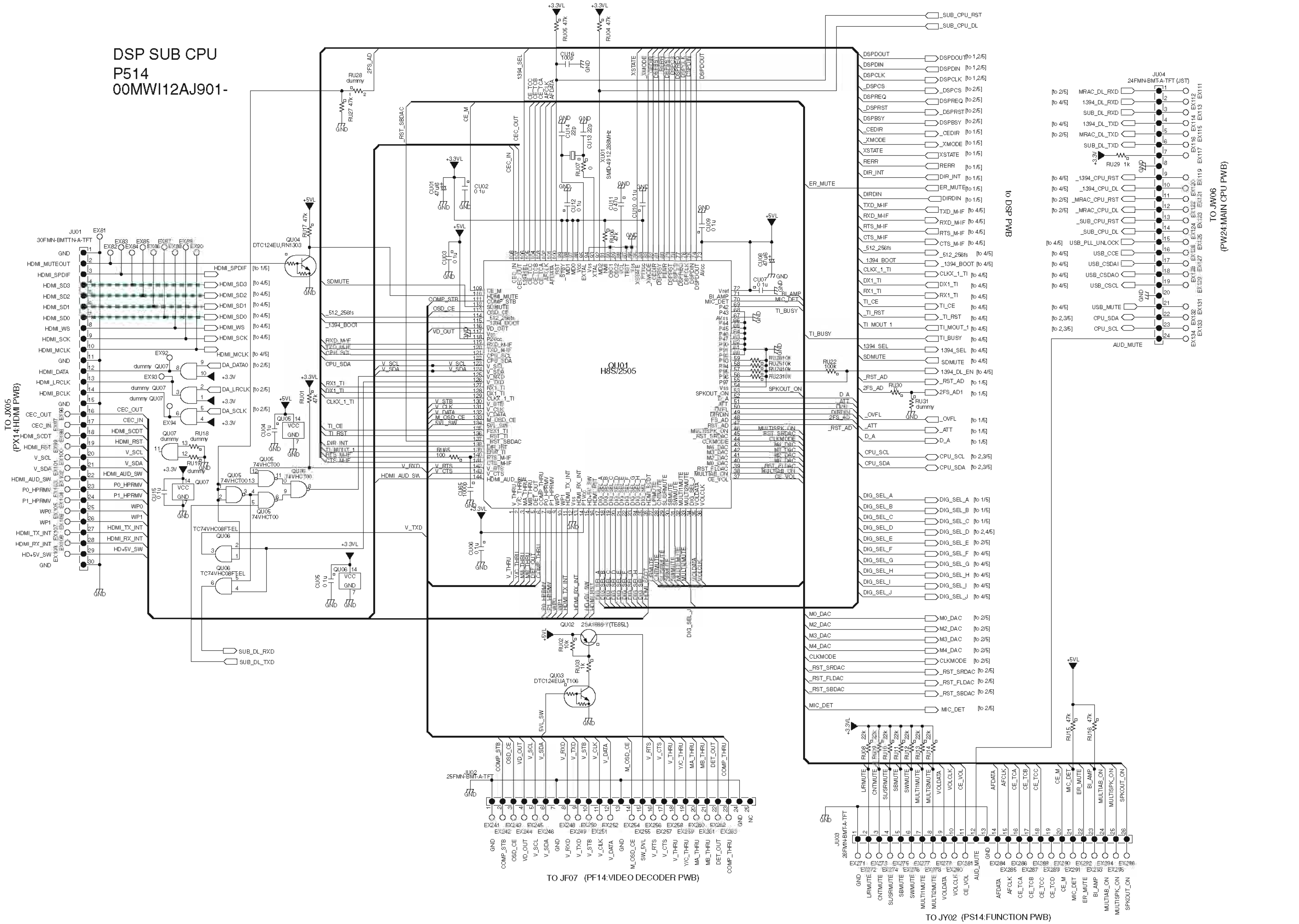
VIDEO DECODER
PF14
00MWG11AJB01-

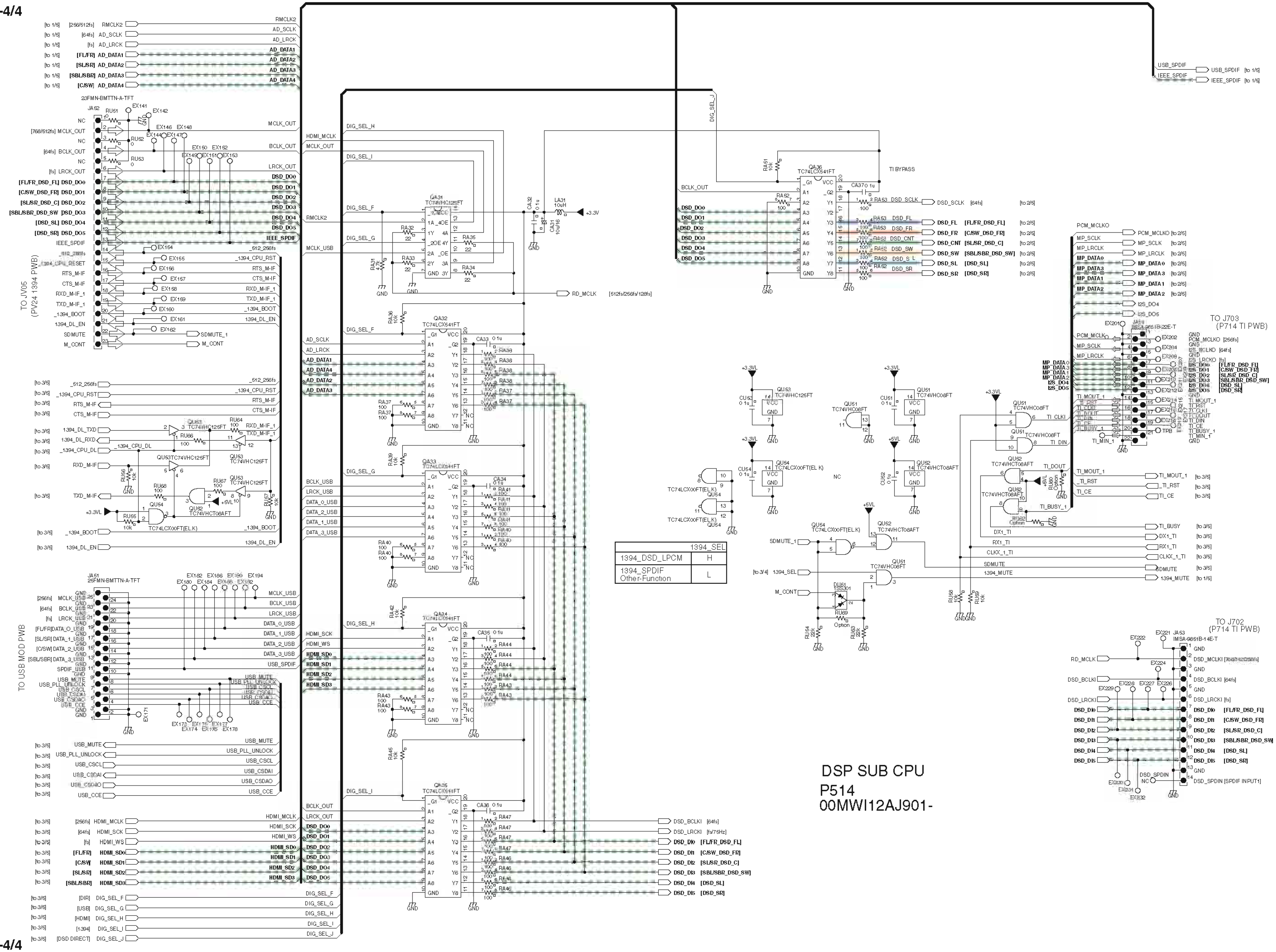


DSP SUB CPU
P514
00MWI12AJ901-


DSP SUB CPU
P514
00MWI12AJ901-
FROM J809
(P814 REG1 PWB)
DUMMY
TO J771
(P714 TI PWB)
TO JV91
(PV24 1394 PWB)
FROM J808
(P814 REG1 PWB)
TO J604
(P624 MRAC PWB)
TO JD01
(PD14 DAC VOL PWB)
Q501
NEW CS496202-CQZ(LQFP144pin)
Q502
M29W800DT70N1(TSOP)
Q512
HN1K05FU

DSP SUB CPU
P514
00MWI12AJ901-





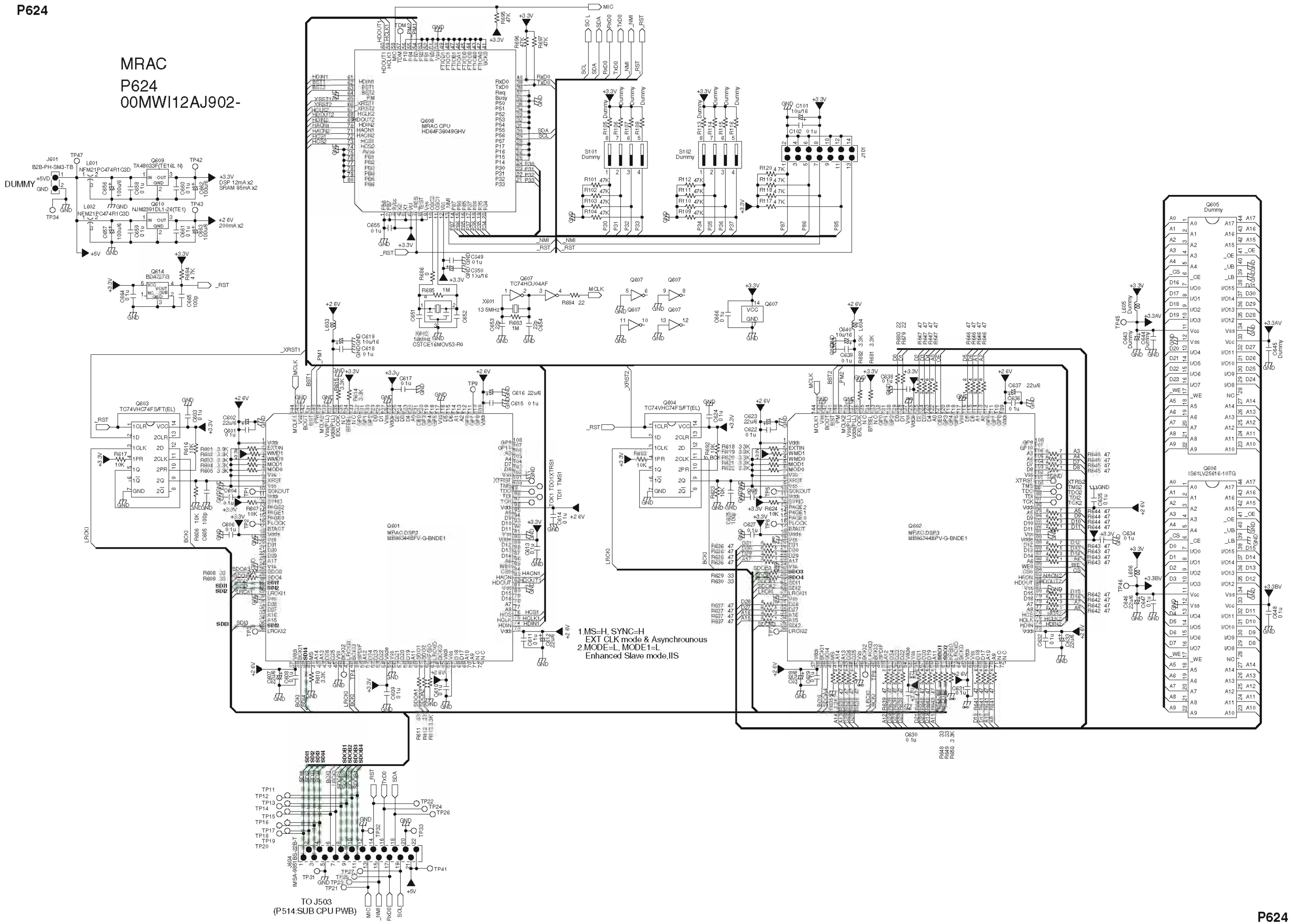
1394_SEL	
1394_DSD_LPCM	H
1394_SPDIF Other-Function	L

DSP SUB CPU

P514

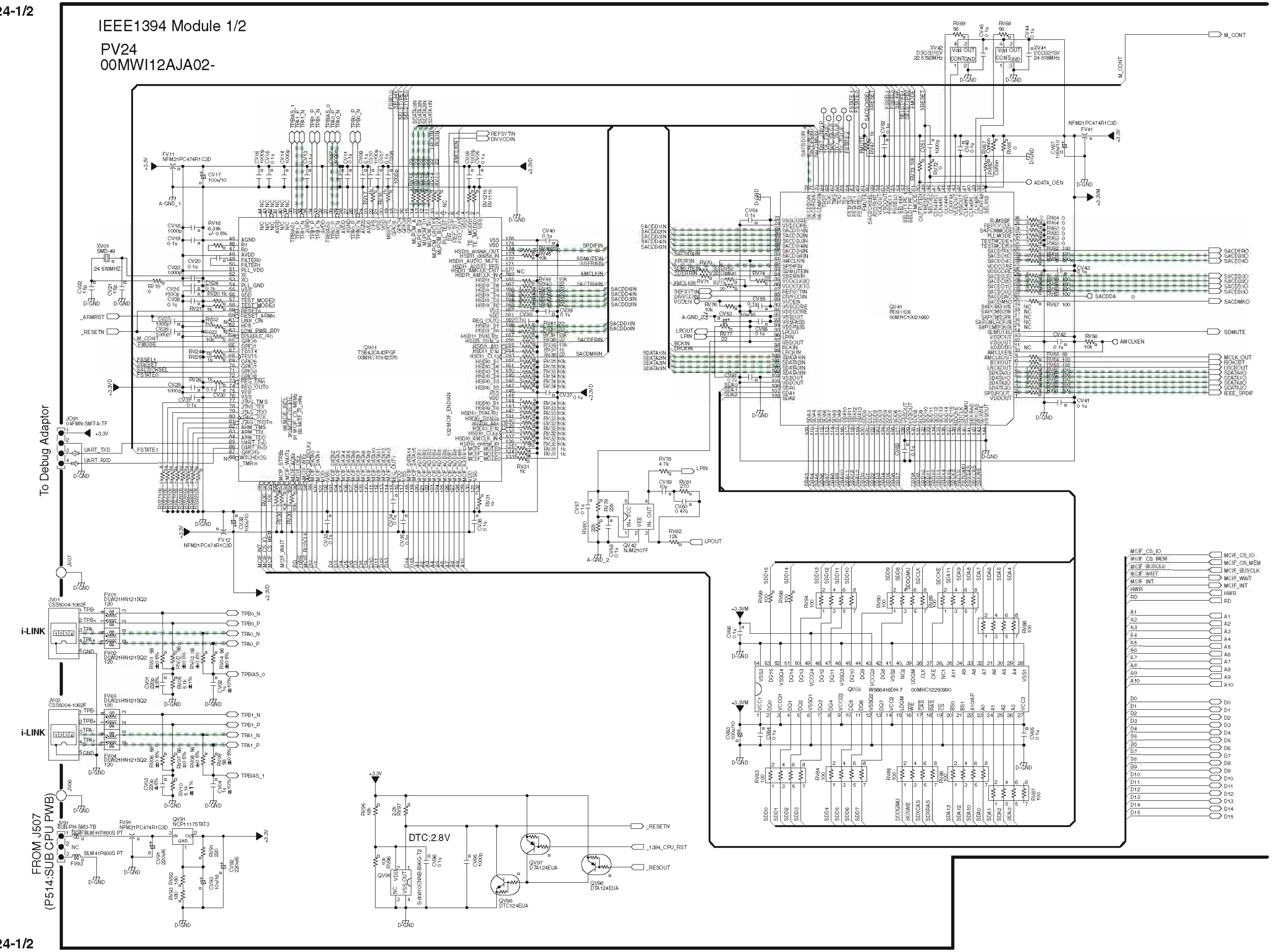
00MWI12AJ901-

MRAC
P624
00MWI12AJ902-

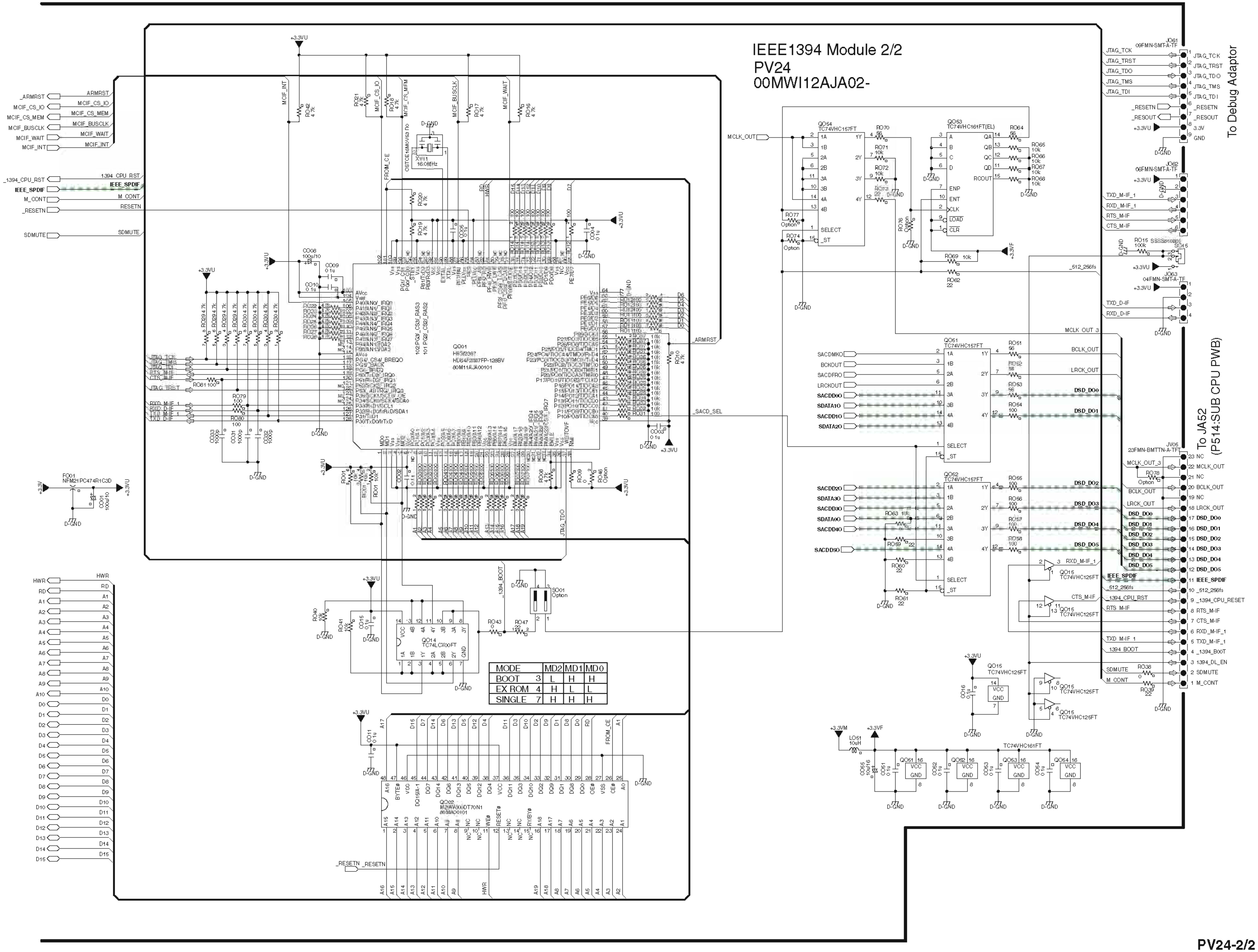


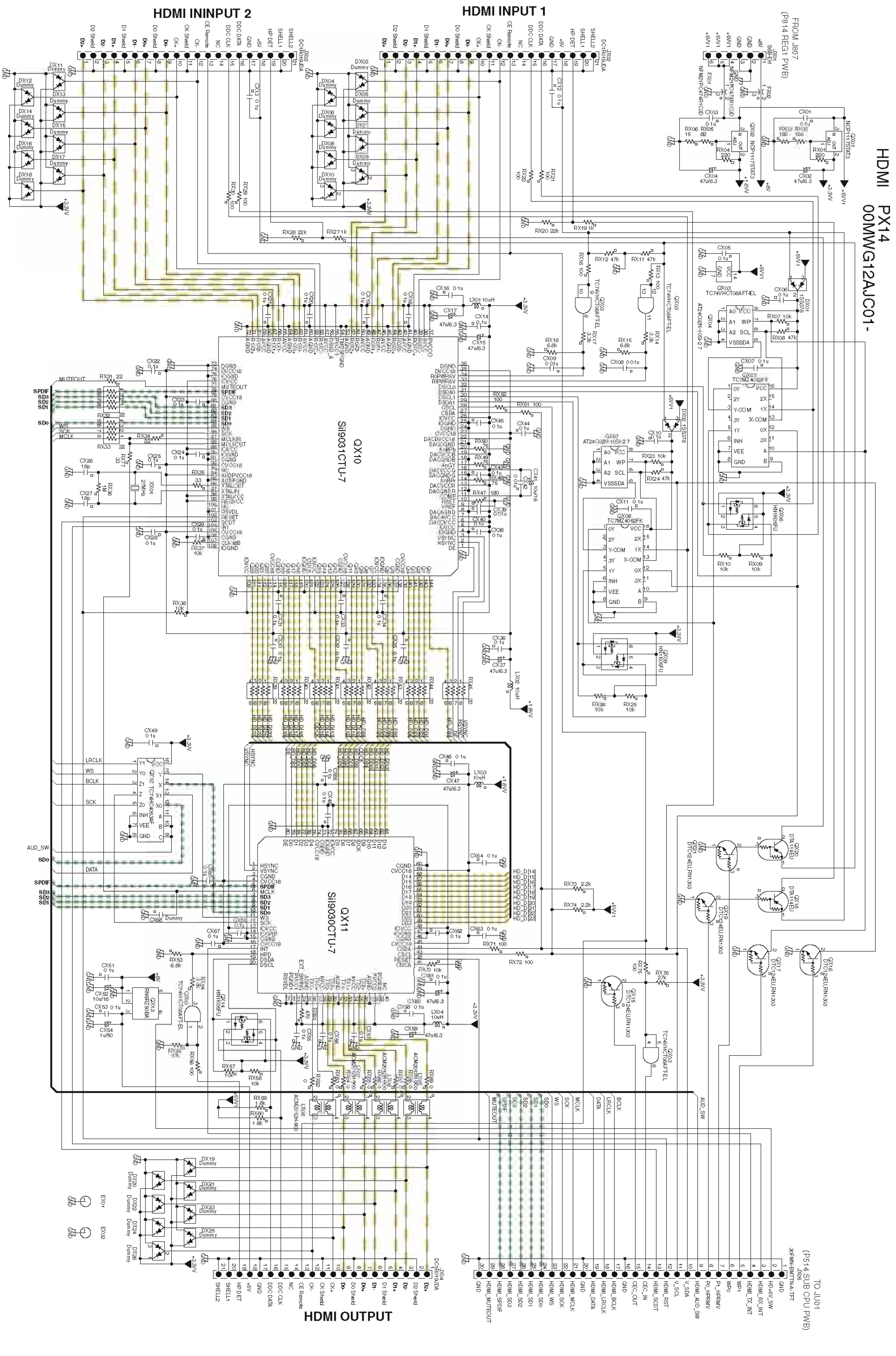
IEEE1394 Module 1/2

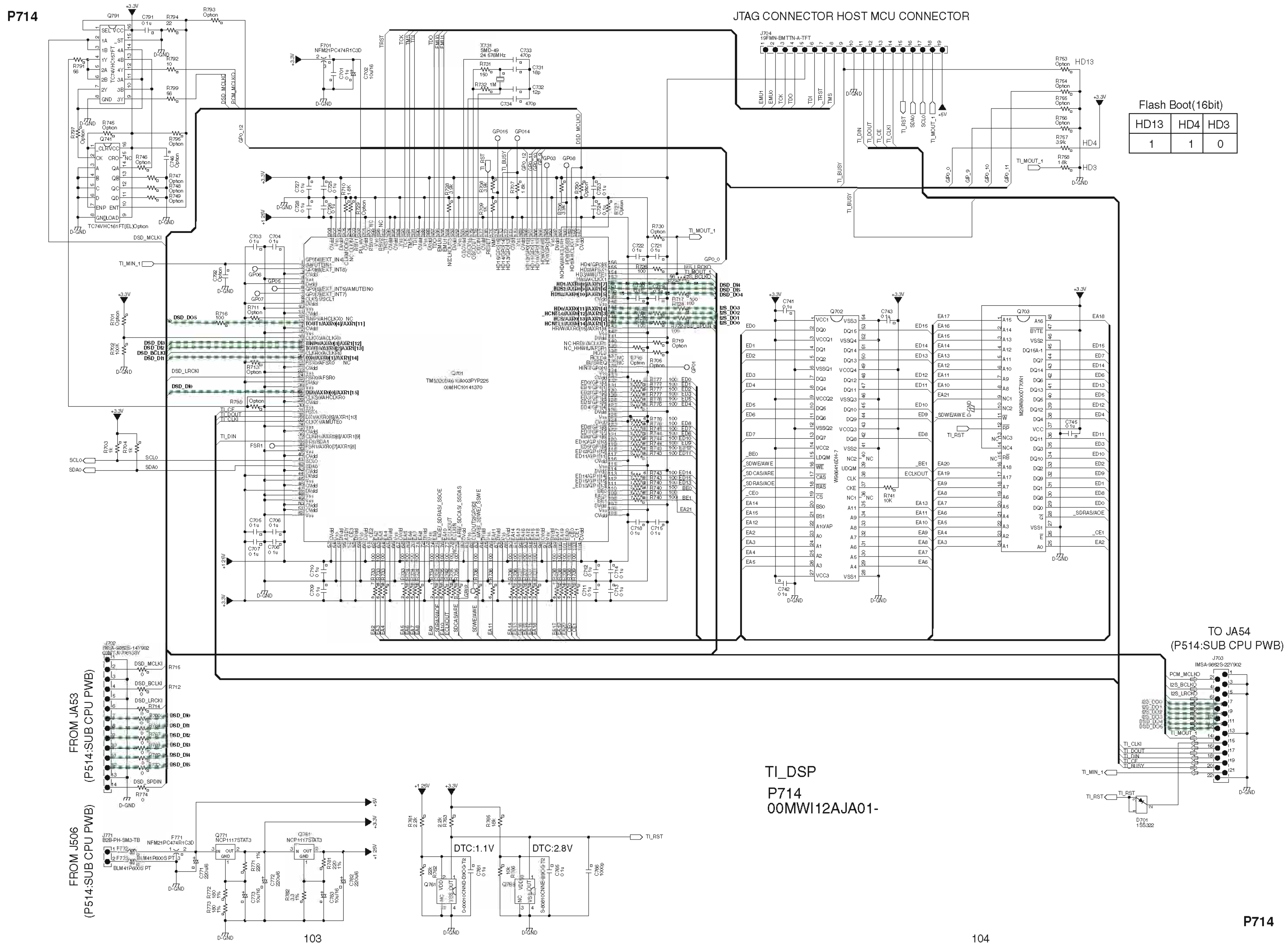
PV24
00MWI12AJA02-



PV24-1/2

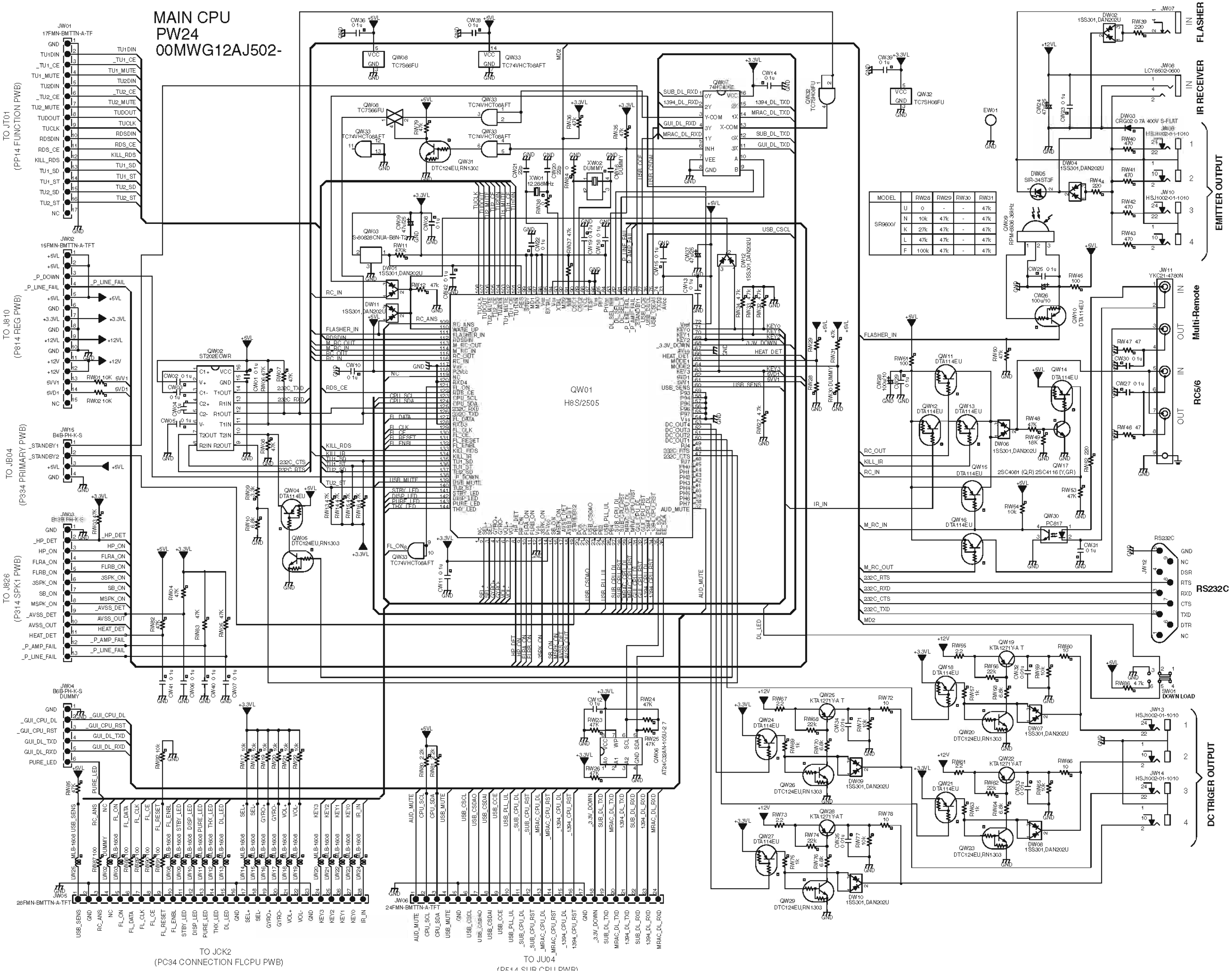

IEEE1394 Module 2/2
PV24
00MWI12AJA02-
To Debug Adaptor
To JA52
(P514:SUB CPU PWB)

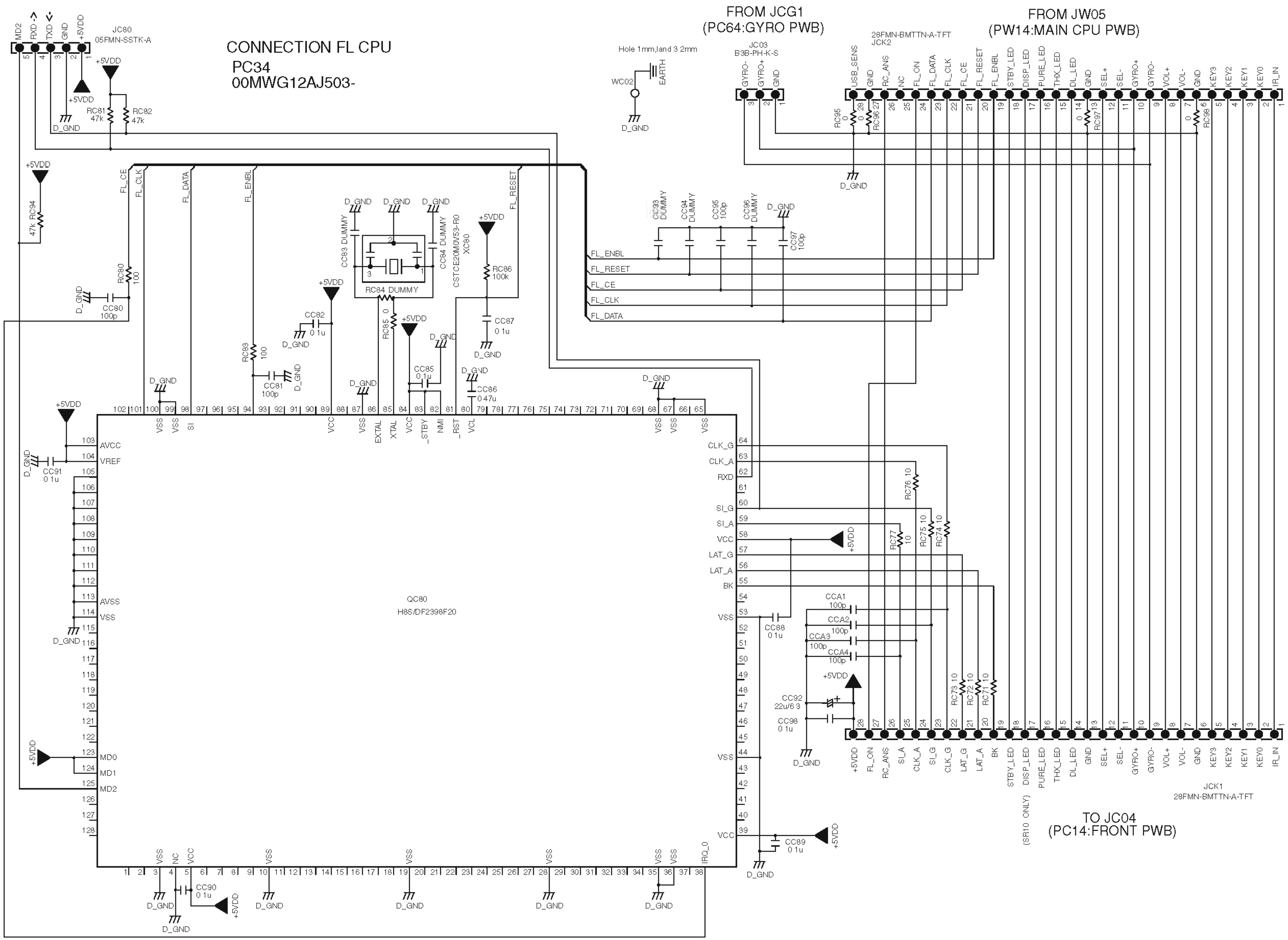

HDMI ININPUT 2
HDMI INPUT 1
HDMI PX14 00MWG12AJC01-
QX10 Sil9031CTU-7
QX11 Sil9030CTU-7
HDMI OUTPUT
FROM J807 (P814 REG1 PWB)
TO JU01 (P514 SUB CPU PWB)

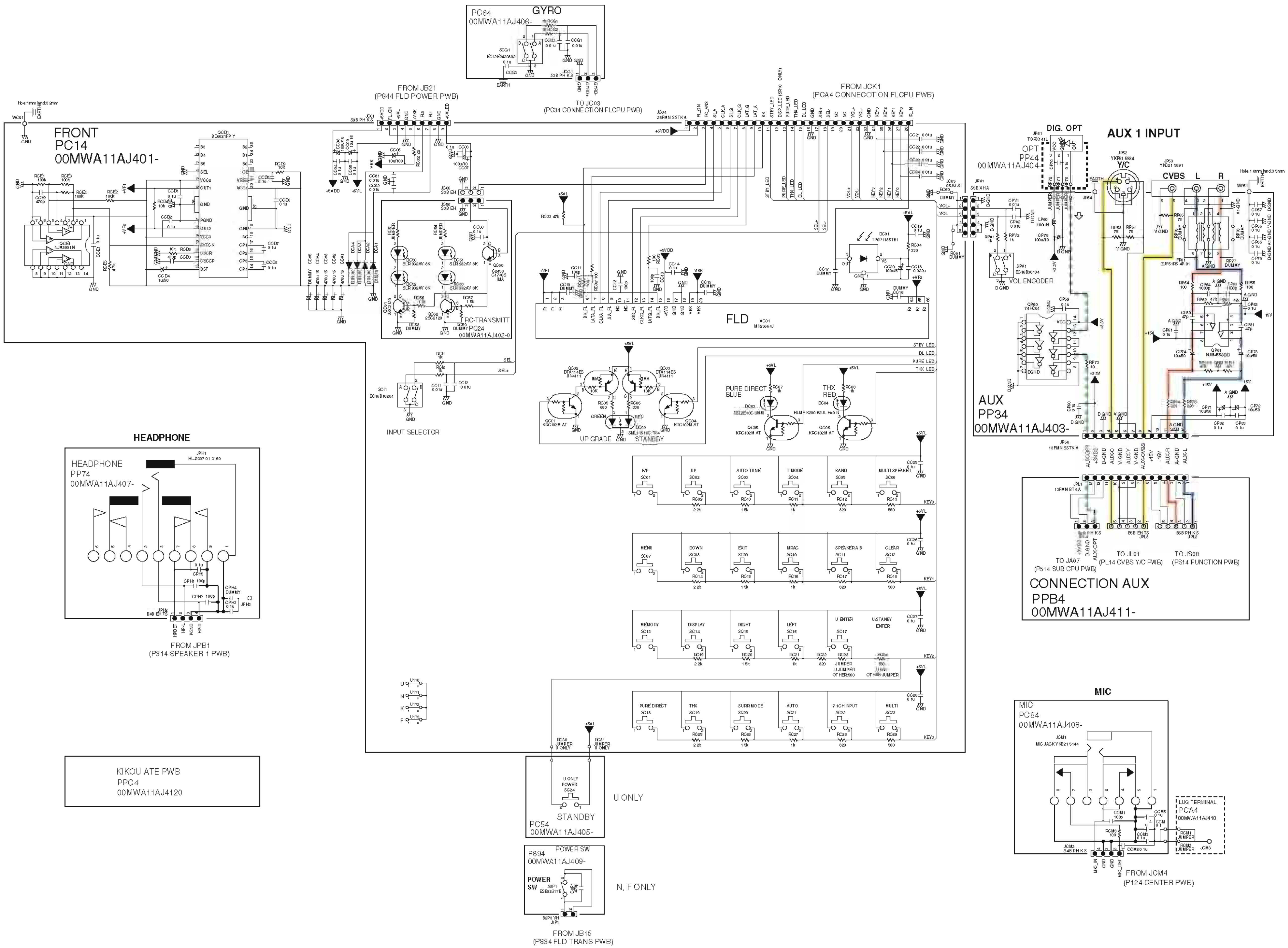


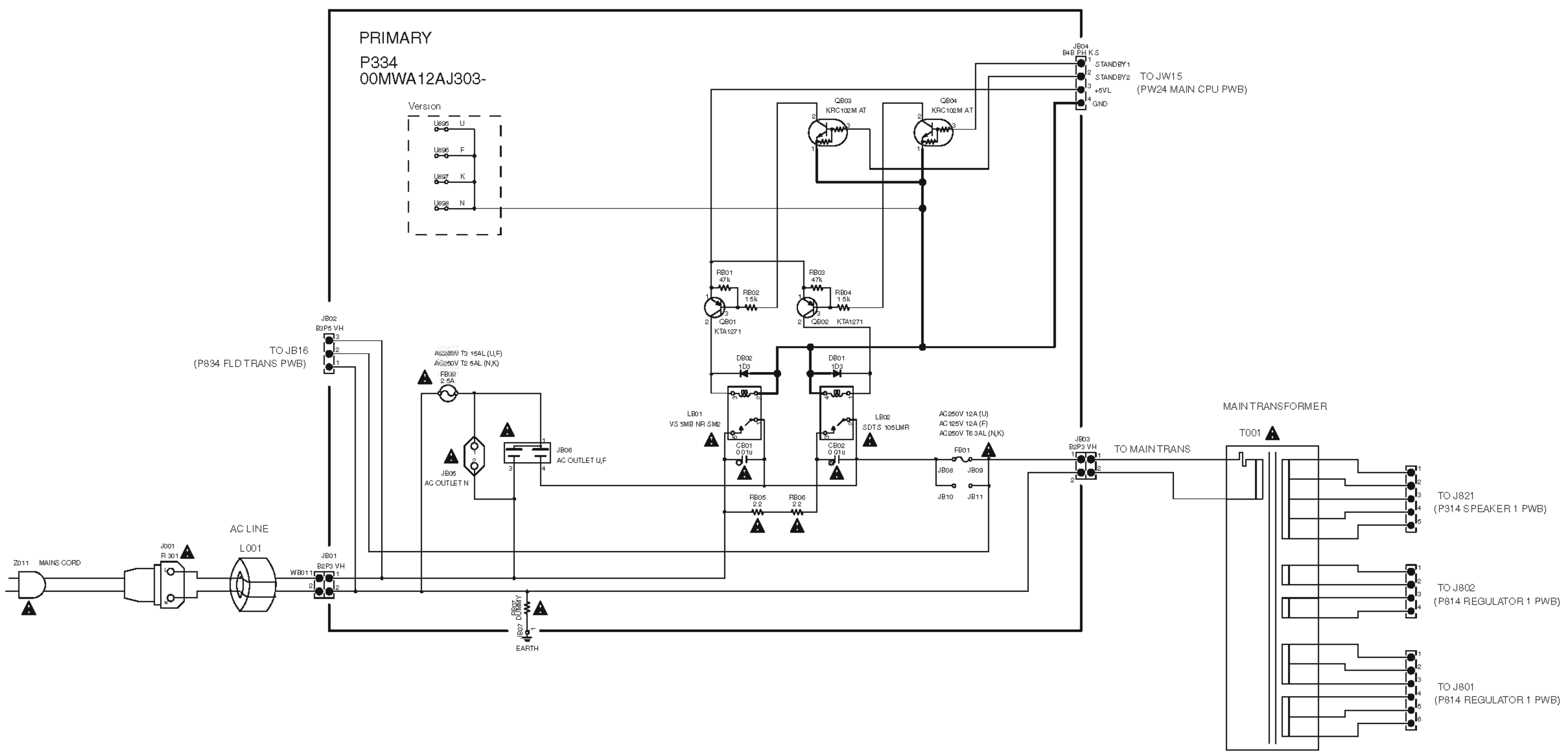
Flash Boot(16bit)

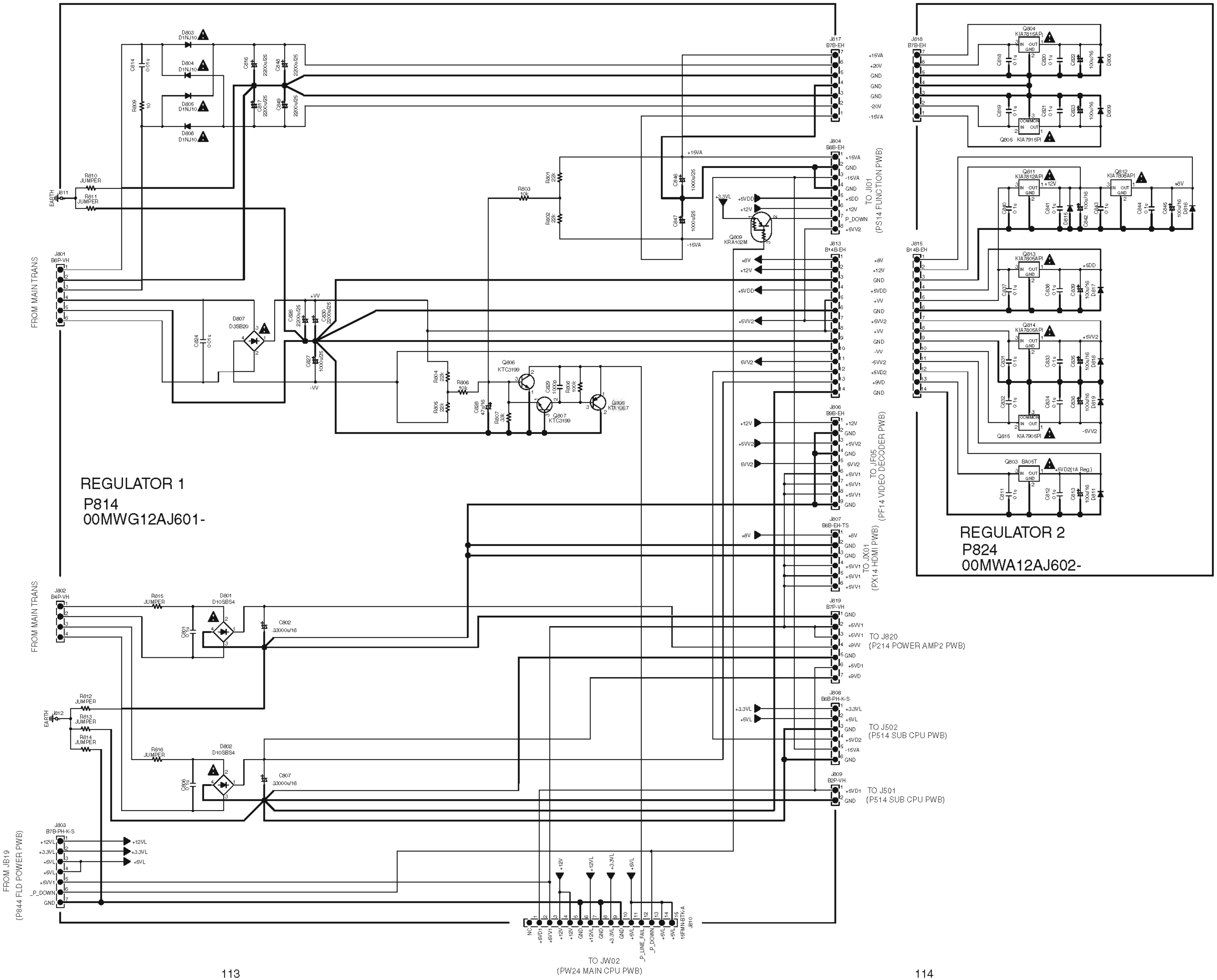
HD13	HD4	HD3
1	1	0

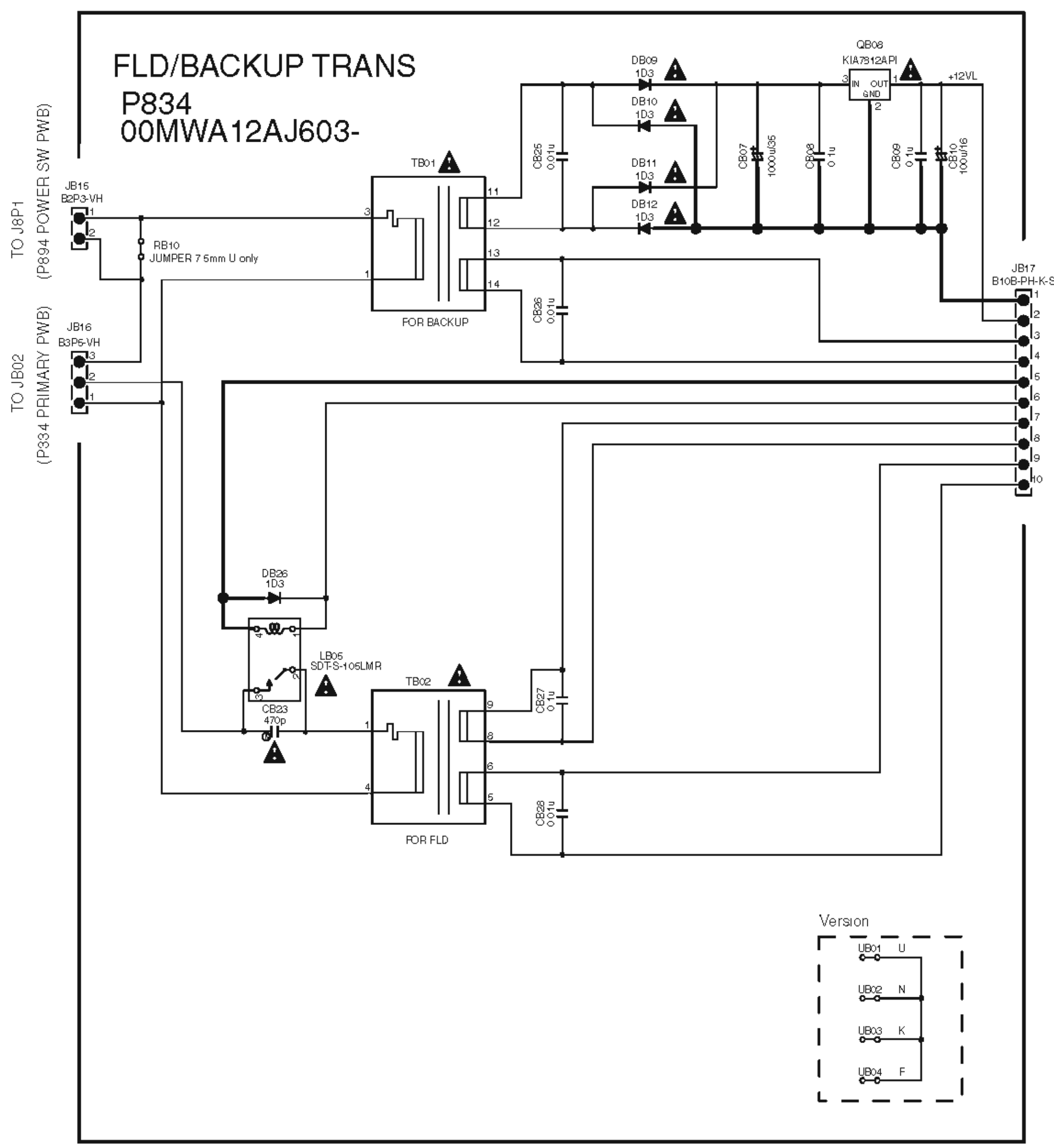

MAIN CPU
PW24
00MWG12AJ502-
QW01
H8S/2505
TO JT01
(PP14 FUNCTION PWB)
TO J810
(P814 REG PWB)
TO JB04
(P334 PRIMARY PWB)
TO J826
(P314 SPK1 PWB)
TO JCK2
(PC34 CONNECTION FLCPU PWB)
TO JU04
FLASHER
IR RECEIVER
EMITTER OUTPUT
Multi-Remote
RC5/6
RS232C
DOWN LOAD
DC TRIGER OUTPUT
MODEL
SR9600/
RW28
RW29
RW30
RW31

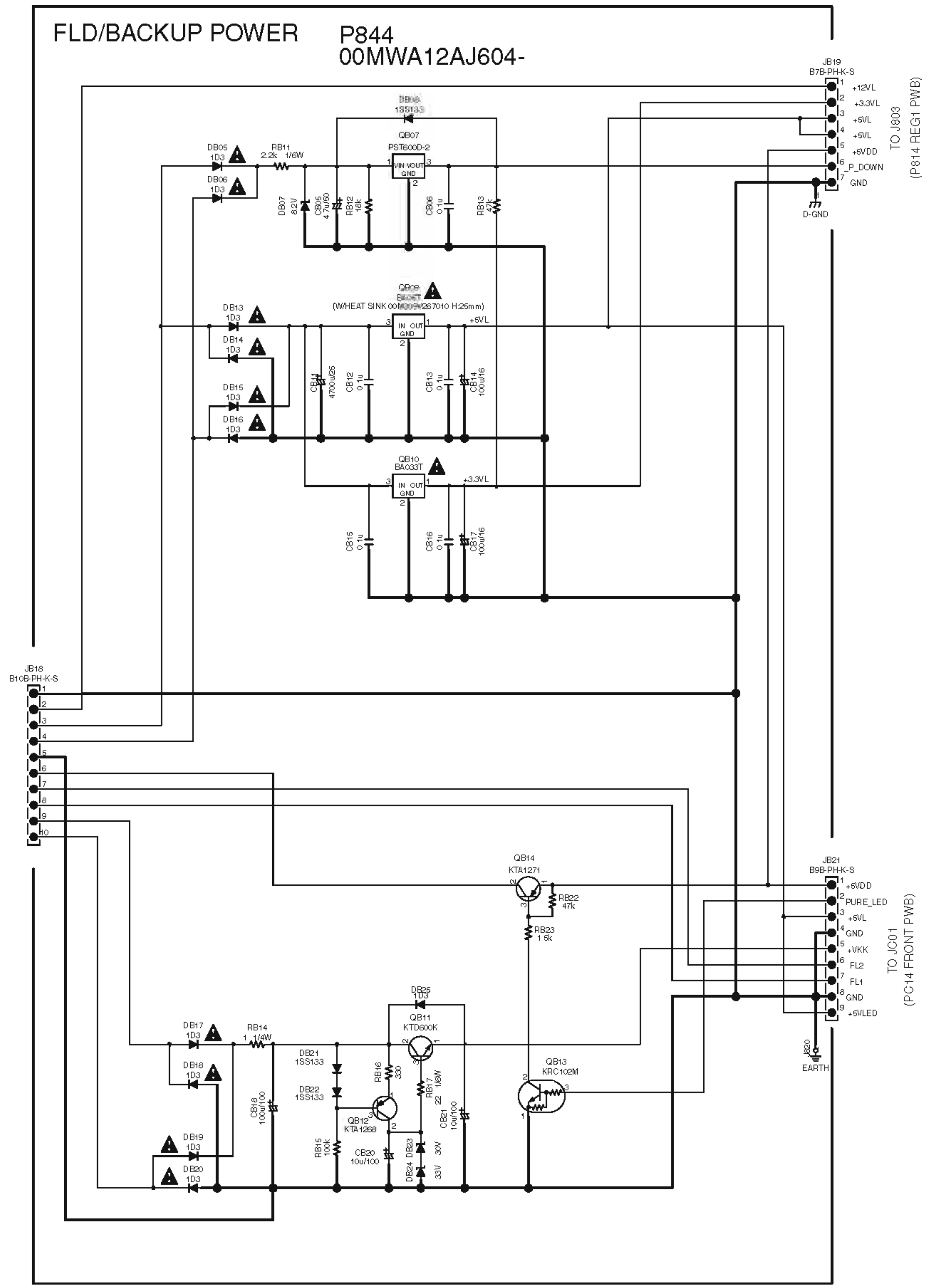

CONNECTION FL CPU
PC34
00MWG12AJ503-
FROM JCG1
(PC64:GYRO PWB)
FROM JW05
(PW14:MAIN CPU PWB)
TO JC04
(PC14:FRONT PWB)
QC80
H8S/DF2398F20
JC80
05FMN-SSTK-A
JC03
B3B-PH-K-S
JCK2
28FMN-BMTTN-A-TFT
JCK1
28FMN-BMTTN-A-TFT
CSTCE20M0V53-R0
XC80
Hole 1mm,land 3 2mm
WC02
EARTH
(SR10 ONLY)


GYRO
PC64
00MWA11AJ406-
TO JC03
(PC34 CONNECTION FLCPU PWB)
FROM JB21
(P844 FLD POWER PWB)
FROM JCK1
(PCA4 CONNECOTION FLCPU PWB)
FRONT
PC14
00MWA11AJ401-
RC-TRANSMITT
PC24
00MWA11AJ402-0
FLD
INPUT SELECTOR
PURE DIRECT
BLUE
THX
RED
UP GRADE
STANDBY
HEADPHONE
HEADPHONE
PP74
00MWA11AJ407-
FROM JPB1
(P314 SPEAKER 1 PWB)
KIKOU ATE PWB
PPC4
00MWA11AJ4120
U ONLY
STANDBY
PC54
00MWA11AJ405-
P894
POWER SW
00MWA11AJ409-
N, F ONLY
FROM JB15
(P834 FLD TRANS PWB)
DIG. OPT
OPT
PP44
00MWA11AJ404-
AUX 1 INPUT
Y/C
CVBS
L
R
VOL ENCODER
AUX
PP34
00MWA11AJ403-
TO JA07
(P514 SUB CPU PWB)
TO JL01
(PL14 CVBS Y/C PWB)
TO JS08
(PS14 FUNCTION PWB)
CONNECTION AUX
PPB4
00MWA11AJ411-
MIC
MIC
PC84
00MWA11AJ408-
LUG TERMINAL
PCA4
00MWA11AJ410
FROM JCM4
(P124 CENTER PWB)


PRIMARY
P334
00MWA12AJ303-
Version
TO JB16
(P834 FLD TRANS PWB)
AC LINE
L001
MAINS CORD
TO JW15
(PW24 MAIN CPU PWB)
STANDBY1
STANDBY2
+5VL
GND
TO MAIN TRANS
MAIN TRANSFORMER
T001
TO J821
(P314 SPEAKER 1 PWB)
TO J802
(P814 REGULATOR 1 PWB)
TO J801
(P814 REGULATOR 1 PWB)
AC OUTLET N
AC OUTLET U,F
EARTH
DUMMY

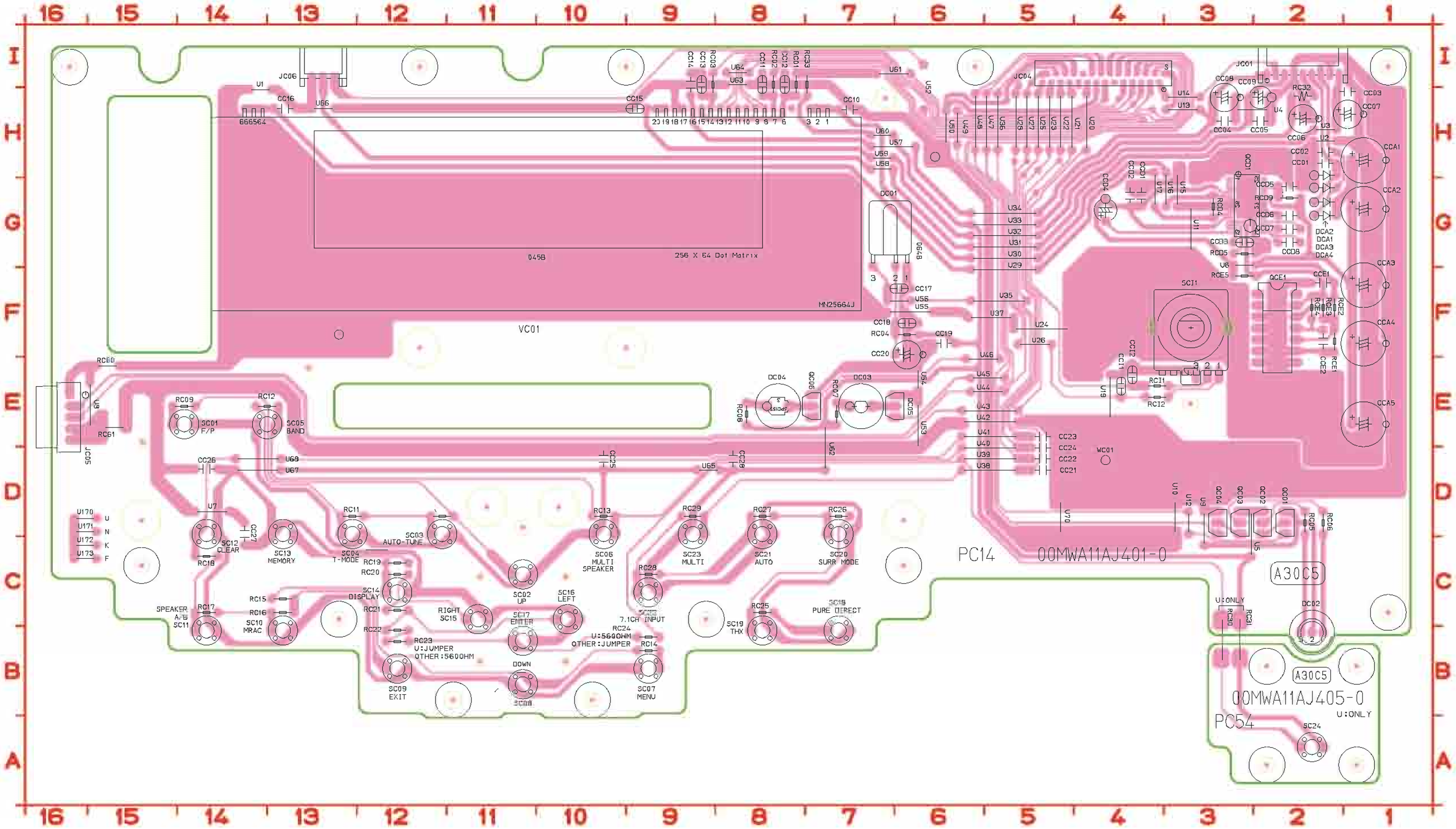

REGULATOR 1
P814
00MWG12AJ601-
REGULATOR 2
P824
00MWA12AJ602-
FROM MAIN TRANS
FROM MAIN TRANS
FROM JB19
(P844 FLD POWER PWB)
TO JI01
(PS14 FUNCTION PWB)
TO JF05
(PF14 VIDEO DECODER PWB)
TO JX01
(PX14 HDMI PWB)
TO J820
(P214 POWER AMP2 PWB)
TO J502
(P514 SUB CPU PWB)
TO J501
(P514 SUB CPU PWB)
TO JW02
(PW24 MAIN CPU PWB)


FLD/BACKUP TRANS
P834
00MWA12AJ603-
TO J8P1
(P894 POWER SW PWB)
TO JB02
(P334 PRIMARY PWB)
FOR BACKUP
FOR FLD
Version
GND
+12VL
AC 8V
AC 8V
GND
RELAY
AC 5V
AC 5V
AC 44V
AC 44V


FLD/BACKUP POWER
P844
00MWA12AJ604-
TO J803
(P814 REG1 PWB)
TO JC01
(PC14 FRONT PWB)
+12VL
+3.3VL
+5VL
+5VL
+5VDD
P_DOWN
GND
D-GND
+5VDD
PURE_LED
+5VL
GND
+VKK
FL2
FL1
GND
+5VLED
EARTH

10. PARTS LOCATION

PC14B, PC54B

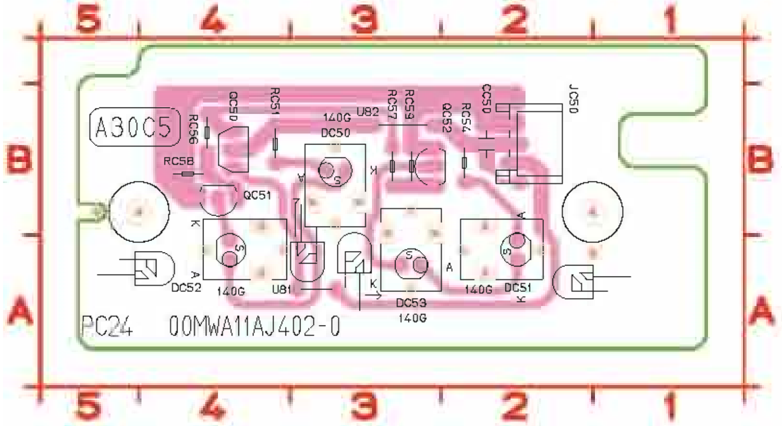


CC01	H2	CC12	H8	CC23	E5	CCD1	G4	CCI2	E4	JC05	E16	RC02	H8	RC13	D10	RC24	B9	RC61	E15	SC01	E14	SC12	D14	SC23	D9	U17	G4	U24	F5	U34	G5	U44	E5	U55	F6	U65	D8
CC02	H2	CC13	H9	CC24	D5	CCD2	G4	DC01	G7	JC06	I13	RC03	H9	RC14	B9	RC25	C8	RCD4	G3	SC02	C11	SC13	D13	SC24	A2	U170	D15	U25	H5	U35	F5	U45	E5	U56	F6	U66	H13
CC03	H1	CC14	H9	CC25	D10	CCD3	G2	DC02	B2	QC01	D2	RC04	F6	RC15	C13	RC26	D7	RCD5	G2	SC03	D12	SC14	C12	SCI1	F3	U171	D15	U26	F5	U36	H5	U46	E5	U57	H6	U67	D13
CC04	H3	CC15	H9	CC26	D14	CCD4	G4	DC03	E7	QC02	D2	RC05	D2	RC16	C13	RC27	D8	RCD9	G2	SC04	D13	SC15	C11	U1	H13	U172	C15	U27	H5	U37	F5	U47	H5	U58	H7	U68	D13
CC05	H2	CC16	H13	CC27	C14	CCD5	G2	DC04	E8	QC03	D3	RC06	D2	RC17	C14	RC28	C9	RCE1	F2	SC05	E14	SC16	C10	U10	D3	U173	C15	U28	H5	U38	D5	U48	H6	U59	H7	U7	D14
CC06	H2	CC17	F6	CC28	D8	CCD6	G2	DCA1	G2	QC04	D3	RC07	E7	RC18	C14	RC29	D9	RCE2	F2	SC06	D10	SC17	B11	U11	G3	U19	E4	U29	F5	U39	D5	U49	H6	U6	G2	U70	D5
CC07	H2	CC18	F6	CCA1	H1	CCD7	G2	DCA2	H2	QC05	E7	RC08	E8	RC19	C12	RC30	B3	RCE3	F2	SC07	B9	SC18	B7	U12	D3	U2	H2	U3	H2	U4	H2	U5	C3	U60	H7	U8	E15
CC08	H3	CC19	F6	CCA2	G1	CCD8	G2	DCA3	G2	QC06	E7	RC09	E14	RC20	C12	RC31	B3	RCE4	F2	SC08	B11	SC19	B8	U13	H3	U20	H4	U30	G5	U40	D5	U50	H6	U61	I6	U9	C3
CC09	H3	CC20	F6	CCA3	F1	CCE1	F2	DCA4	G2	QCD1	G3	RC10	D11	RC21	C12	RC32	H2	RCE5	F2	SC09	B12	SC20	D7	U14	H3	U21	H5	U31	G5	U41	E5	U52	H6	U62	D7	VC01	H7
CC10	H7	CC21	D5	CCA4	F1	CCE2	F2	JC01	I2	QCE1	F2	RC11	D12	RC22	B12	RC33	H7	RCI1	E3	SC10	B13	SC21	D8	U15	G3	U22	H5	U32	G5	U42	E5	U53	D6	U63	I8	WC01	D4
CC11	H8	CC22	D5	CCA5	E1	CCI1	E4	JC04	I4	RC01	H8	RC12	E13	RC23	B12	RC60	E15	RCI2	E3	SC11	B14	SC22	C9	U16	G3	U23	H5	U33	G5	U43	E5	U54	E6	U64	I8		

鉛フリー半田
半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。

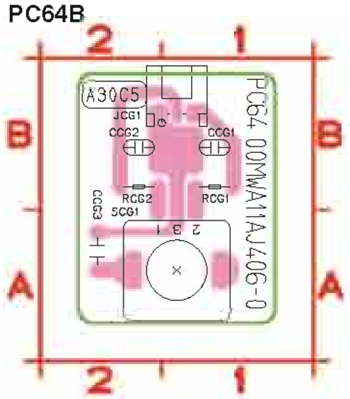
Lead-free Solder
When soldering, use the Lead-free Solder (Sn-Ag-Cu).

PC24B



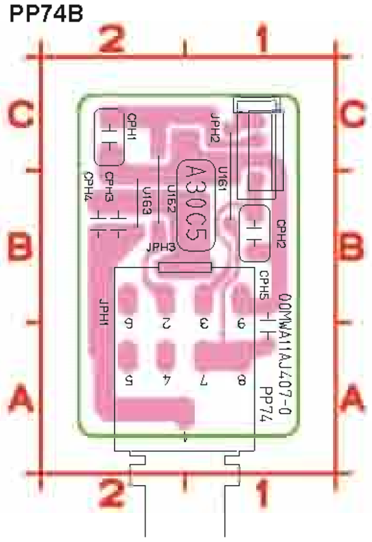
CC50	B2	JC50	B2	RC54	B2	U81	A3
DC50	B3	QC50	B4	RC56	B4	U82	B3
DC51	A2	QC51	B4	RC57	B3		
DC52	A4	QC52	B3	RC58	B4		
DC53	A3	RC51	B4	RC59	B3		

PC64B



CCG1	B1	RCG2	B2
CCG2	B2	SCG1	A1
CCG3	A2		
JCG1	B2		
RCG1	B1		

PP74B

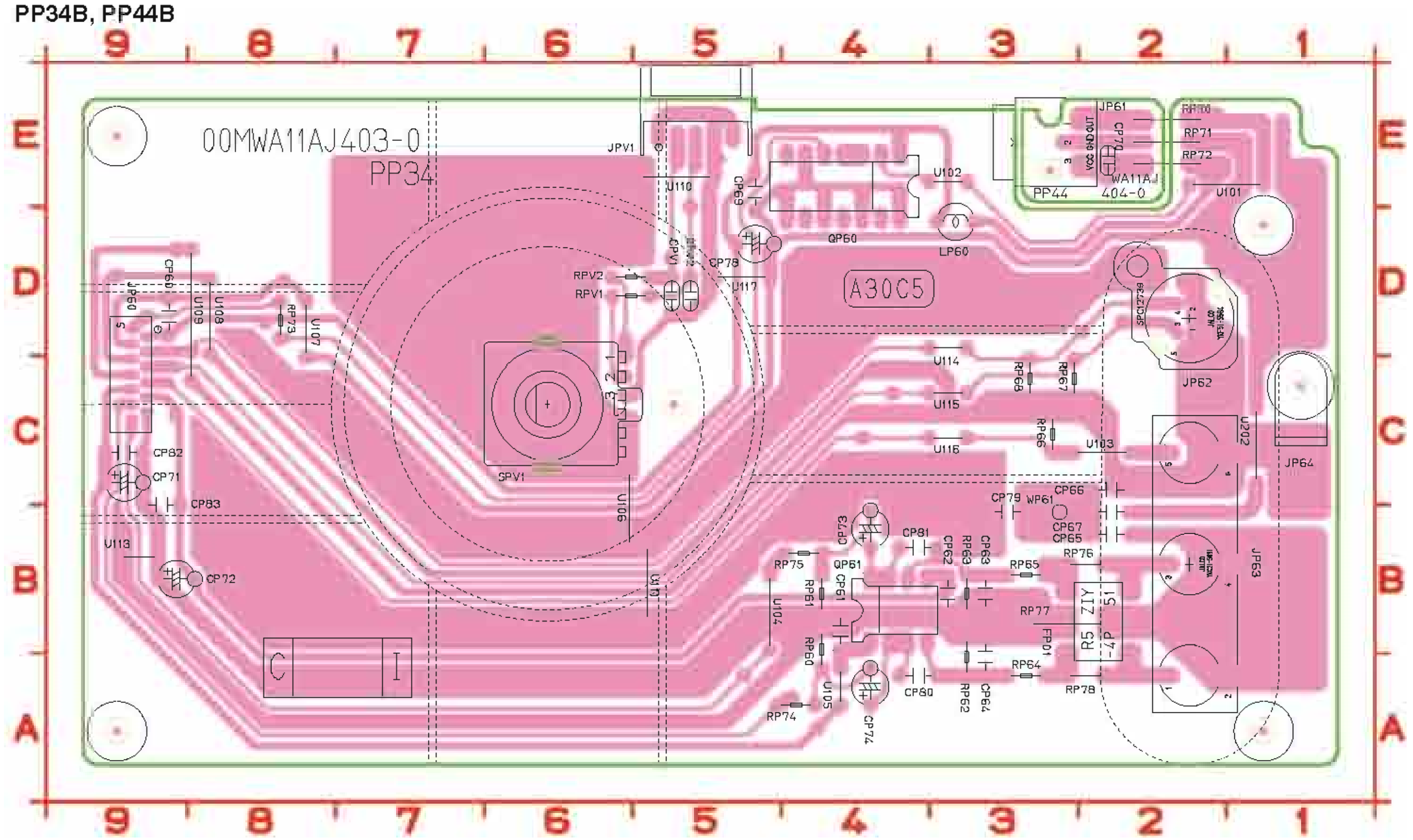


CPH1	C2	JPH1	A2	U163	B2
CPH2	B1	JPH2	C1		
CPH3	B2	JPH3	B2		
CPH4	B2	U161	B1		
CPH5	A1	U162	B2		

鉛フリー半田
半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。

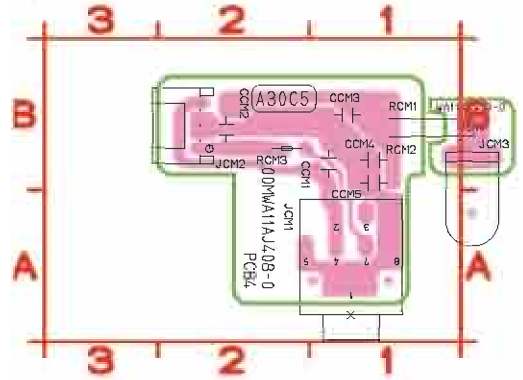
Lead-free Solder
When soldering, use the Lead-free Solder (Sn-Ag-Cu).

PP34B, PP44B



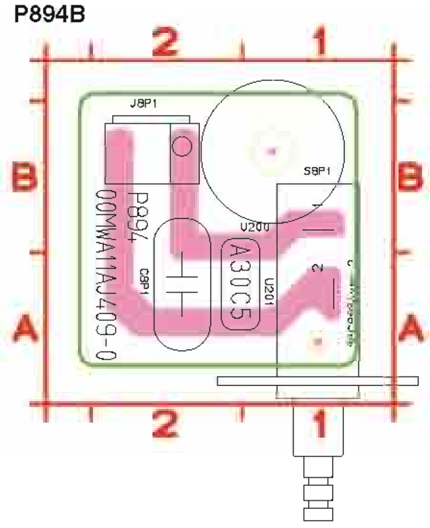
CP60	D9	CP66	C2	CP73	B4	CP82	C9	JP61	E3	QP60	D4	RP64	A3	RP71	E2	RP77	B2	U102	E3	U108	D8	U115	C3
CP61	B4	CP67	B2	CP74	A4	CP83	C9	JP62	D2	QP61	B4	RP65	B3	RP72	E2	RP78	A2	U103	C2	U109	C8	U116	C3
CP62	B3	CP69	D5	CP78	D5	CPV1	D5	JP63	B2	RP60	A4	RP66	C3	RP73	D8	RPV1	D5	U104	B5	U110	E5	U117	D5
CP63	B3	CP70	E2	CP79	B3	CPV2	D5	JP64	C1	RP61	B4	RP67	C3	RP74	A4	RPV2	D5	U105	A4	U111	B5	U202	C1
CP64	A3	CP71	C9	CP80	A3	FP01	B2	JPV1	E5	RP62	A3	RP68	C3	RP75	B4	SPV1	C6	U106	B6	U113	B9	WP61	B3
CP65	B2	CP72	B9	CP81	B3	JP60	D9	LP60	D3	RP63	B3	RP70	E2	RP76	B2	U101	E1	U107	C8	U114	D3		

PC84B



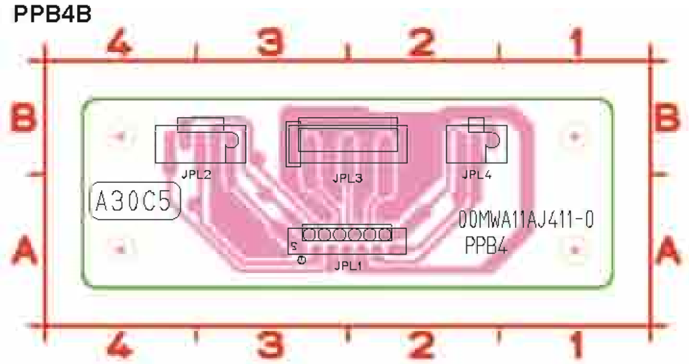
CCM1	B1	JCM1	A1	RCM3	B2
CCM2	B2	JCM2	B2		
CCM3	B1	JCM3	A1		
CCM4	B1	RCM1	B1		
CCM5	B1	RCM2	B1		

P894B



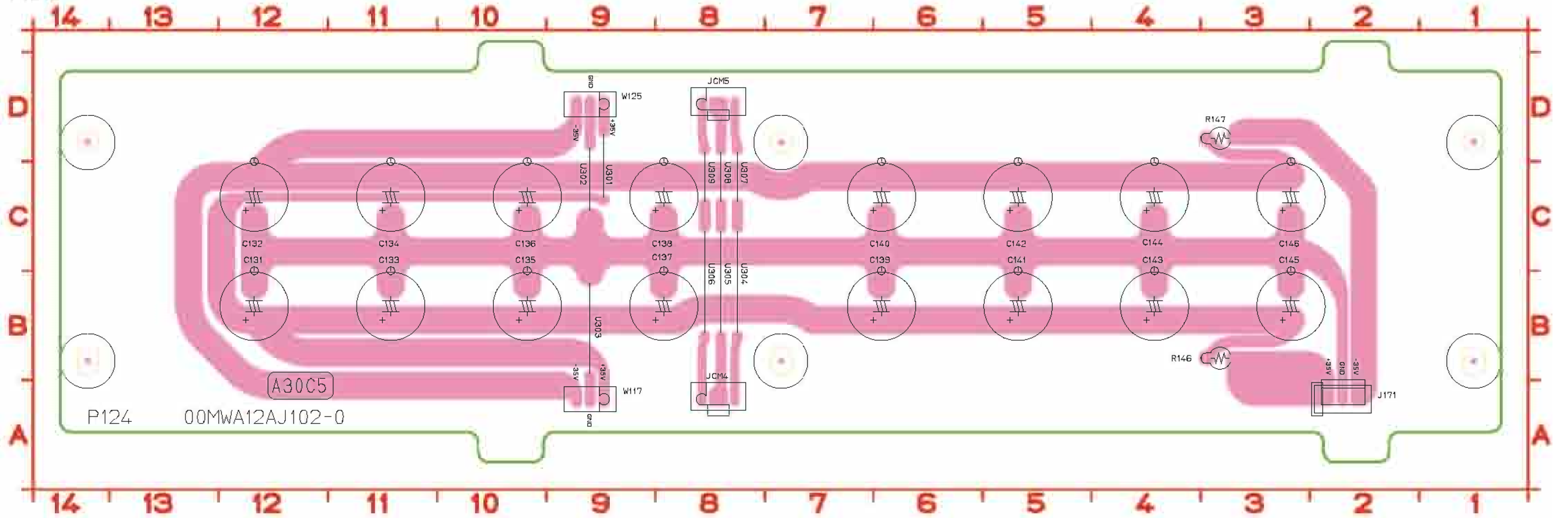
C8P1	A2
J8P1	B2
S8P1	A1
U200	B1
U201	A1

PPB4B



JPL1	A3
JPL2	B3
JPL3	B3
JPL4	B2

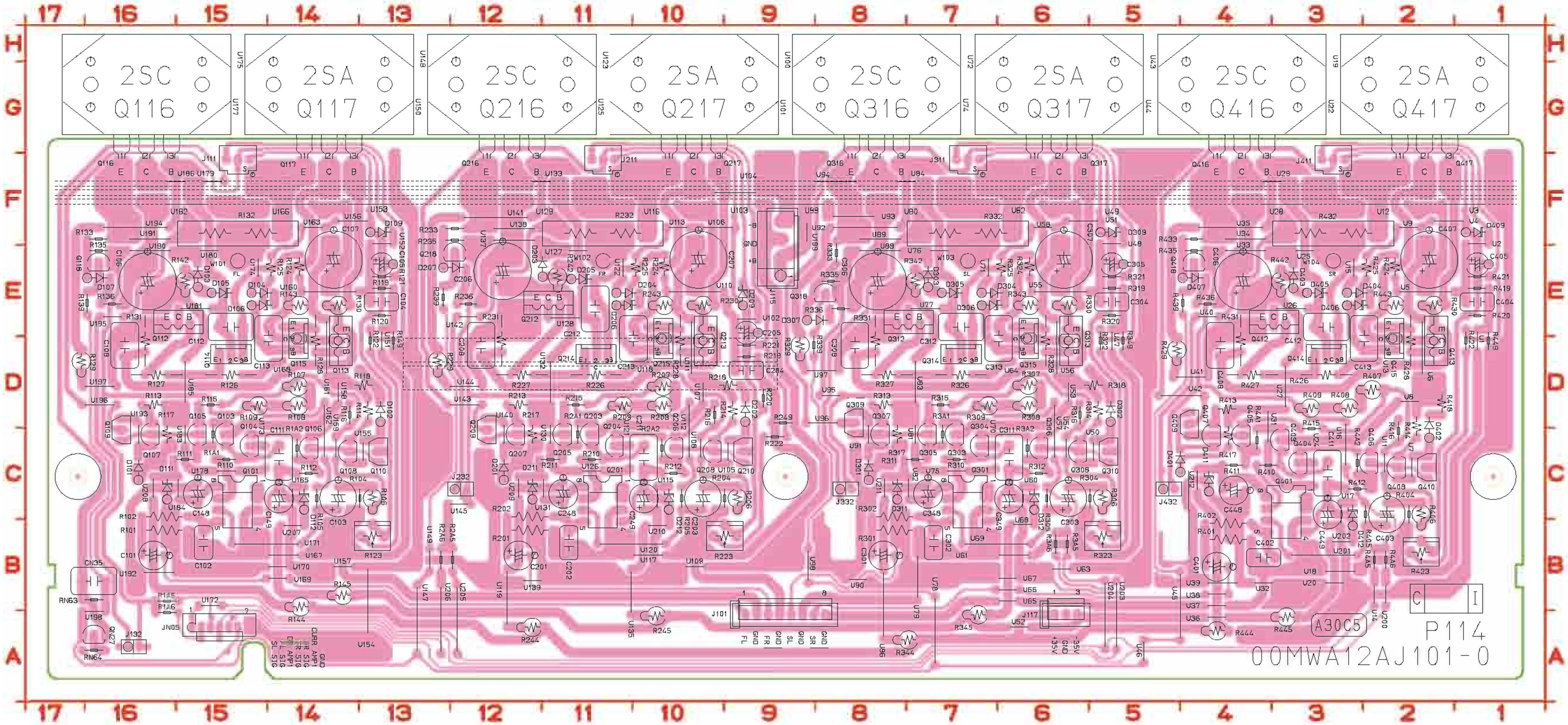
P124B



C131	B12	C136	C10	C141	B5	C146	C3	R147	D3	U305	B8	W117	A9
C132	C12	C137	B8	C142	C5	J171	A2	U301	C9	U306	B8	W125	D9
C133	B11	C138	C8	C143	B4	JCM4	A8	U302	C9	U307	C8		
C134	C11	C139	B6	C144	C4	JCM5	D8	U303	B9	U308	C8		
C135	B10	C140	C6	C145	B3	R146	B3	U304	B8	U309	C8		

鉛フリー半田
半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。

Lead-free Solder
When soldering, use the Lead-free Solder (Sn-Ag-Cu).



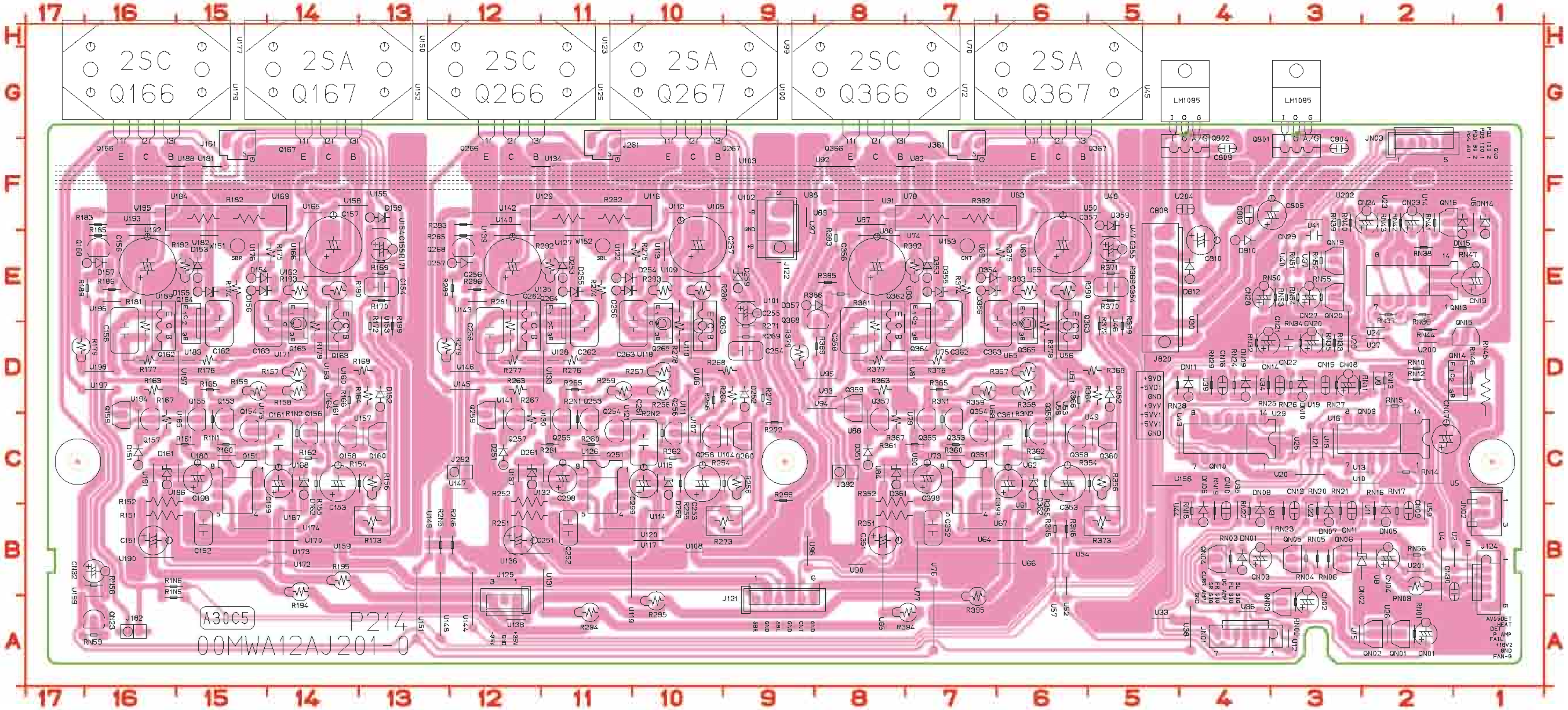
C101	B16	C303	C6	D104	E15	D402	C2	Q109	C16	Q305	C7	Q418	E4	R128	D14	R212	C10	R245	A10	R324	E6	R408	D3	R439	E4	U115	C10	U143	D12	U170	B14	U2	F1	U36	A4	U62	F6	U90	B8
C102	B15	C304	E5	D105	E15	D403	E3	Q110	C13	Q306	C6	QN27	A16	R129	D17	R213	D12	R249	D9	R325	E6	R409	D3	R442	E3	U116	F10	U144	D12	U171	B14	U20	B3	U37	B4	U63	B6	U91	C8
C103	C14	C305	E5	D106	E15	D404	E3	Q112	E15	Q307	C8	R101	B15	R130	E14	R214	D9	R2A1	C11	R326	D7	R410	C3	R443	E2	U117	B10	U145	C12	U172	B15	U200	B2	U38	B4	U64	D6	U92	F8
C104	E13	C306	E8	D107	E16	D405	E3	Q113	D14	Q308	C6	R102	C15	R131	D16	R215	D11	R2A2	C10	R327	D8	R411	C4	R444	A4	U118	D10	U147	A13	U173	C15	U201	B3	U39	B4	U65	B6	U93	F8
C105	E13	C307	E6	D109	F13	D406	E3	Q114	D15	Q309	D8	R104	C13	R132	F14	R216	D10	R2A5	B12	R328	D6	R412	C2	R445	A3	U119	A12	U148	G13	U174	E15	U202	B3	U4	F1	U66	B6	U94	F8
C106	E16	C308	D8	D111	C16	D407	E4	Q115	D14	Q310	C5	R105	C14	R133	F16	R217	C12	R2A6	B13	R329	D9	R413	D4	R449	D1	U12	F2	U149	B13	U175	G15	U203	A5	U40	E4	U67	B6	U95	D8
C107	E14	C311	C6	D112	C14	D409	F1	Q116	F16	Q312	E7	R106	C13	R135	E16	R218	D9	R301	B7	R330	E6	R414	C2	R4A1	C4	U120	B10	U15	E3	U177	G15	U204	A5	U41	D4	U68	B6	U96	D8
C108	D16	C312	E7	D201	C12	D411	C4	Q117	F14	Q313	D6	R107	D14	R136	E16	R219	D9	R302	C7	R331	D8	R415	C3	R4A2	C3	U121	C11	U150	G13	U178	C15	U205	A12	U42	D4	U69	B6	U97	D8
C111	C14	C313	D6	D202	D9	D412	B3	Q118	E16	Q314	D7	R108	D14	R139	E16	R220	D9	R304	C5	R332	F6	R416	C2	R4A5	B2	U122	E11	U151	D13	U179	F15	U206	A13	U43	G5	U7	C2	U98	B9
C112	E15	C348	C7	D203	E11	J101	A9	Q201	C11	Q315	D6	R109	D15	R142	E15	R221	D9	R305	C6	R333	E8	R417	C4	R4A6	B2	U123	G11	U152	F13	U18	B3	U207	B14	U44	G5	U70	C7	U99	F8
C113	D14	C349	C6	D204	E11	J111	F15	Q203	C11	Q316	F8	R110	C15	R143	E14	R222	C9	R306	C5	R335	E8	R418	D2	RN63	B16	U125	G11	U153	F13	U180	E15	U208	C16	U45	A5	U71	E7	W101	E15
C148	C15	C401	B4	D205	E11	J115	E9	Q204	C11	Q317	F6	R111	C15	R144	B14	R223	B9	R307	D6	R336	E8	R419	E1	RN64	A16	U126	C11	U154	A13	U181	E15	U209	C12	U46	A5	U72	G7	W102	E11
C149	C14	C402	B3	D206	E11	J117	A6	Q205	C11	Q318	E8	R112	C14	R145	B14	R224	E10	R308	D6	R339	D9	R420	E1	U1	D1	U127	E11	U155	C13	U182	F15	U210	B10	U47	D5	U74	G7	W103	E7
C201	B12	C403	B2	D207	E13	J132	A16	Q206	C10	Q401	C3	R113	D16	R149	D13	R225	E10	R309	D7	R342	E7	R421	E1	U100	G9	U128	E11	U156	F13	U183	C15	U211	C8	U48	F5	U75	C7	W104	E3
C202	B11	C404	E1	D209	E9	J211	F11	Q207	C12	Q403	C3	R114	D13	R1A1	C15	R226	D11	R310	C7	R343	E6	R422	D1	U101	G9	U129	F11	U157	B14	U184	C15	U212	C4	U49	F5	U76	E7		
C203	C10	C405	E1	D211	C12	J232	C12	Q208	C10	Q404	C3	R115	D15	R1A2	C14	R227	D12	R311	C7	R344	A8	R423	B2	U102	E9	U13	D2	U158	D14	U185	D15	U22	G3	U5	E2	U77	E7		
C204	D9	C406	E4	D212	C10	J311	F7	Q209	C12	Q405	C4	R116	D14	R1A5	B15	R228	D10	R312	C6	R345	A7	R424	E2	U103	F9	U130	C11	U159	C14	U186	F15	U24	C3	U50	C5	U78	A7		
C205	E9	C407	E2	D301	C8	J332	C8	Q210	C9	Q406	C2	R117	C16	R1A6	A15	R229	D13	R313	D8	R349	D5	R425	E2	U104	F9	U131	C11	U16	C3	U19	G3	U25	E3	U51	F5	U79	B7		
C206	E12	C408	D4	D302	D5	J411	F3	Q212	E11	Q407	C4	R118	D13	R201	B11	R230	E10	R314	D5	R3A1	C7	R426	D3	U105	C9	U132	D11	U160	E14	U190	E16	U26	E3	U52	A6	U8	D2		
C207	E10	C411	C3	D303	E7	J432	C5	Q213	D10	Q408	C2	R119	E13	R202	C11	R231	D12	R315	D7	R3A2	C6	R427	D4	U106	F9	U133	F11	U161	D14	U191	F16	U27	D3	U53	D6	U80	F7		
C208	D12	C412	E3	D304	E7	JN05	A15	Q214	D11	Q409	D4	R120	E13	R204	C9	R232	F10	R316	D6	R3A5	B6	R428	D2	U107	D10	U135	A11	U162	C14	U192	B16	U28	F3	U54	C6	U81	C7		
C211	C10	C413	D2	D305	E7	Q101	C15	Q215	D10	Q410	C2	R121	E13	R205	C10	R233	F12	R317	C8	R3A6	B6	R429	D5	U108	C10	U137	F12	U163	F14	U193	C16	U29	F3	U55	E6	U82	C7		
C212	E11	C448	C4	D306	E7	Q103	C15	Q216	F12	Q412	E3	R122	D13	R206	C9	R235	F12	R318	D5	R401	B4	R430	E2	U109	B10	U138	F12	U165	C14	U194	F16	U3	F1	U56	D6	U83	D7		
C213	D10	C449	B3	D307	E9	Q104	C15	Q217	F10	Q413	D2	R123	B13	R207	D10	R236	E12	R319	E5	R402	B4	R431	D4	U11	C2	U139	B11	U166	F14	U195	E16	U31	C4	U57	C6	U84	F7		
C248	C11	CN35	B17	D309	F5	Q105	C15	Q218	E12	Q414	D3	R124	E14	R208	D10	R239	E13	R320	E5	R404	B2	R432	F2	U110	E10	U14	B2	U167	B14	U196	D16	U32	B3	U58	F6	U86	A8		
C249	C10	D101	C16	D311	C8	Q106	C14	Q301	C7	Q415	D2	R125	E14	R209	D11	R242	E11	R321	E5	R405	B2	R433	F4	U111	D10	U140	C12	U168	D14	U197	D16	U33	E4	U6	D2	U88	E8		
C301	B8	D102	D13	D312	C6	Q107	C16	Q303	C7	Q416	F4	R126	D15	R210	C11	R243	E10	R322	D5	R406	B2	R435	E4	U112	C10	U141	F12	U169	B14	U198	A16	U34	F4	U60	C6	U89	F8		
C302	B7	D103	E15	D401	C5	Q108	C14	Q304	C7	Q417	F2	R127	D16	R211	C11	R244	A12	R323	B5	R407	D3	R436	E4	U113	F10	U142	E12	U17	B3	U199	F9	U35	F4	U61	B6	U9	F2		

鉛フリー半田

半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。

Lead-free Solder

When soldering, use the Lead-free Solder (Sn-Ag-Cu).



C151	B16	C353	C6	CN15	D3	D256	E11	J121	A9	Q167	F14	Q363	D6
C152	B15	C354	E5	CN16	D4	D257	E12	J122	E9	Q168	E16	Q364	D7
C153	C14	C355	E5	CN19	E1	D259	E9	J124	B1	Q251	C11	Q365	D6
C154	E13	C356	E8	CN20	D3	D261	C12	J125	A12	Q253	C11	Q366	F8
C155	E13	C357	E6	CN21	D4	D262	C10	J161	F15	Q254	C11	Q367	F6
C156	E16	C358	D8	CN22	D3	D351	C8	J182	A16	Q255	C11	Q368	E8
C157	E14	C361	C6	CN23	E2	D352	D5	J261	F11	Q256	C10	Q801	F3
C158	D16	C362	D7	CN24	E2	D353	E7	J282	C12	Q257	C12	Q802	F4
C161	C14	C363	D6	CN27	E3	D354	E7	J361	F7	Q258	C10	QN01	A2
C162	D15	C398	C7	CN28	E4	D355	E7	J382	C8	Q259	C12	QN02	A2
C163	D14	C399	C6	CN29	E3	D356	E7	J820	D5	Q260	C9	QN03	A3
C198	C15	C803	F4	CN30	A1	D357	E9	JN01	A3	Q262	D12	QN04	B4
C199	C14	C804	F3	CN32	B17	D359	F5	JN02	C1	Q263	D10	QN05	B3
C251	B12	C805	F3	D151	C16	D361	C8	JN03	F2	Q264	D11	QN06	B3
C252	B11	C808	F4	D152	D13	D362	C6	Q151	C15	Q265	D10	QN09	C2
C253	C10	C809	F4	D153	E15	D810	E4	Q153	C15	Q266	F12	QN10	C4
C254	D9	C810	E4	D154	E15	D812	E4	Q154	C15	Q267	F10	QN13	E2
C255	E9	CN01	A2	D155	E15	DN01	B4	Q155	C15	Q268	E12	QN14	D1
C256	E12	CN02	A3	D156	E15	DN02	B3	Q156	C14	Q351	C7	QN15	D1
C257	E10	CN03	B4	D157	E16	DN05	B2	Q157	C16	Q353	C7	QN16	F2
C258	D12	CN04	B2	D159	F13	DN06	B4	Q158	C14	Q354	C7	QN19	E3
C261	C10	CN07	C2	D161	C16	DN07	B3	Q159	C16	Q355	C7	QN20	E3
C262	D11	CN08	D3	D162	C14	DN08	B4	Q160	C13	Q356	C6	QN23	A16
C263	D10	CN09	B2	D251	C12	DN09	D4	Q162	D16	Q357	C8	R151	B15
C298	C11	CN10	B4	D252	D9	DN10	D3	Q163	D14	Q358	C6	R152	C15
C299	C10	CN11	B3	D253	E11	DN11	D4	Q164	D15	Q359	D8	R154	C13
C351	B8	CN13	B3	D254	E11	DN14	E1	Q165	D14	Q360	C5	R155	C14
C352	B7	CN14	D3	D255	E11	DN15	E1	Q166	F16	Q362	D8	R156	C13

R157	D14	R186	E16	R269	D9	R352	C7	R381	D8	RN16	B2	RN46	D1
R158	D14	R189	E16	R270	D9	R354	C5	R382	F7	RN17	B2	RN47	E1
R159	D15	R192	E15	R271	D9	R355	C6	R383	E8	RN18	B4	RN50	E3
R160	C15	R193	E14	R272	C9	R356	C5	R385	E8	RN19	B4	RN51	E3
R161	C15	R194	B14	R273	B9	R357	D6	R386	E8	RN20	B3	RN52	E3
R162	C14	R195	B14	R274	E11	R358	D6	R389	D8	RN21	B3	RN53	E3
R163	D16	R199	D13	R275	E10	R359	D7	R392	E7	RN22	B4	RN54	E3
R164	D13	R1N1	C15	R276	D11	R360	C7	R393	E6	RN23	B3	RN55	E3
R165	D15	R1N2	C14	R277	D12	R361	C7	R394	A8	RN24	D4	RN56	B2
R166	D14	R1N5	A15	R278	D10	R362	C6	R395	A7	RN25	D4	RN58	B16
R167	C16	R1N6	B15	R279	D13	R363	D8	R399	D5	RN26	D3	RN59	A16
R168	D13	R251	B11	R280	E10	R364	D5	R3N1	C7	RN27	D3	U1	B1
R169	E13	R252	C11	R281	D12	R365	D7	R3N2	C6	RN28	D5	U10	C2
R170	E13	R254	C9	R282	F11	R366	D6	R3N5	B6	RN29	D4	U100	G9
R171	E13	R255	C10	R283	F12	R367	C8	R3N6	B6	RN32	D4	U101	E9
R172	D13	R256	C9	R285	E12	R368	D5	RN01	A2	RN33	D3	U102	F9
R173	B13	R257	D10	R286	E12	R369	E5	RN02	A3	RN34	D3	U103	F9
R174	E15	R258	D10	R289	E12	R370	E5	RN03	B4	RN35	D3	U104	C9
R175	E14	R259	D11	R292	E11	R371	E5	RN04	B3	RN36	E2	U105	F9
R176	D15	R260	C11	R293	E10	R372	D5	RN05	B3	RN37	E2	U106	D10
R177	D16	R261	C11	R294	A11	R373	B5	RN06	B3	RN38	E2	U107	C10
R178	D14	R262	C10	R295	A10	R374	E7	RN08	B2	RN39	E3	U108	B10
R179	D17	R263	D12	R299	C9	R375	E6	RN10	D2	RN40	E3	U109	E10
R180	E14	R264	D9	R2N1	C11	R376	D7	RN11	D3	RN41	E2	U11	B2
R181	D16	R265	D11	R2N2	C10	R377	D8	RN12	D2	RN42	E2	U110	D10
R182	F15	R266	D10	R2N5	B13	R378	D6	RN13	D2	RN43	E2	U111	C10
R183	F16	R267	C12	R2N6	B12	R379	D9	RN14	C2	RN44	D2	U112	F10
R185	E16	R268	D9	R351	B7	R380	E6	RN15	D2	RN45	C1	U113	E10

U114	B10	U140	F12	U166	E14	U193	F16	U37	E3	U63	F6	U90	B8
U115	C10	U141	C12	U167	B14	U194	C16	U38	A4	U64	B6	U91	F8
U116	F10	U142	F12	U168	C14	U195	F16	U39	D4	U65	D6	U92	F8
U117	B10	U143	E12	U169	F14	U196	E16	U4	A2	U66	B6	U93	D8
U118	D10	U144	A12	U170	B14	U197	D16	U40	E3	U67	B6	U94	D8
U119	A11	U145	D12	U171	D14	U198	D16	U41	F3	U68	C7	U95	D8
U12	A3	U146	D12	U172	B14	U199	A16	U43	C5	U69	E7	U96	B9
U120	B10	U147	C12	U173	B14	U2	B1	U44	B4	U70	G7	U97	F9
U121	C11	U148	A13	U174	B14	U20	C3	U45	G5	U72	G7	U98	F8
U122	E11	U149	B13	U175	C15	U200	D2	U46	D5	U73	C7	U99	G9
U123	G11	U15	A3	U176	E15	U201	B2	U47	E5	U74	E7	W151	E15
U125	G11	U150	G13	U177	G15	U202	F2	U48	F5	U75	D7	W152	E11
U126	C11	U151	A13	U179	G15	U204	F4	U49	C5	U76	A7	W153	E7
U127	E11	U152	G13	U18	C3	U21	C3	U5	C2	U77	B7		
U128	D11	U153	D13	U180	C15	U22	B3	U50	F5	U78	F7		
U129	F11	U154	F13	U181	F15	U23	E2	U51	D6	U79	C7		
U13	C2	U155	F13	U182	E15	U24	D2	U52	A6	U8	B2		
U130	C11	U156	C4	U183	D15	U25	C3	U53	C6	U80	C7		
U131	A11	U157	C13	U184	F15	U26	A2	U54	B6	U81	D7		
U132	C11	U158	F13	U185	C15	U27	D2	U55	E6	U82	F7		
U133	D11	U159	B14	U186	C15	U28	D3	U56	D6	U83	D8		
U134	F11	U16	C3	U187	D15	U29	C3	U57	A6	U84	C8		
U135	D12	U160	D14	U188	F15	U30	D4	U58	C6	U85	A8		
U136	B11	U161	C14	U189	D16	U31	B3	U59	B2	U86	E8		
U137	C12	U162	E14	U19	D3	U33	A5	U6	E1	U87	F8		
U138	A12	U163	D14	U190	B16	U34	D4	U60	E6	U88	C8		
U139	E12	U164	C14	U191	C16	U35	B4	U61	B6	U89	F8		
U14	E2	U165	F14	U192	E16	U36	A4	U62	C6	U9	D2		

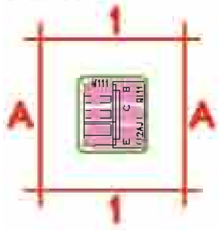
鉛フリー半田

半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。

Lead-free Solder

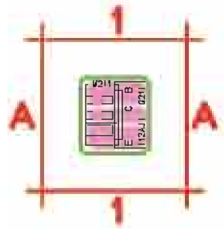
When soldering, use the Lead-free Solder (Sn-Ag-Cu).

P134B



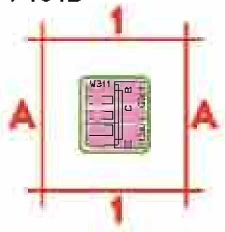
Q111 A1
W11 A1

P144B



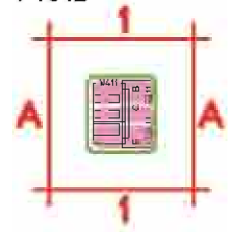
Q211 A1
W211 A1

P154B



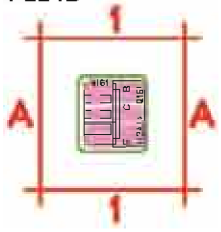
Q311 A1
W311 A1

P164B



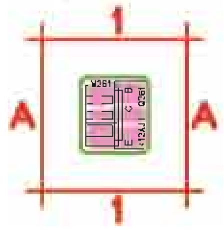
Q411 A1
W411 A1

P224B



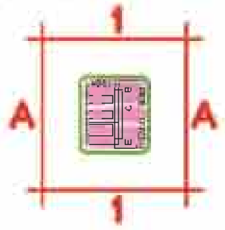
Q161 A1
W161 A1

P234B



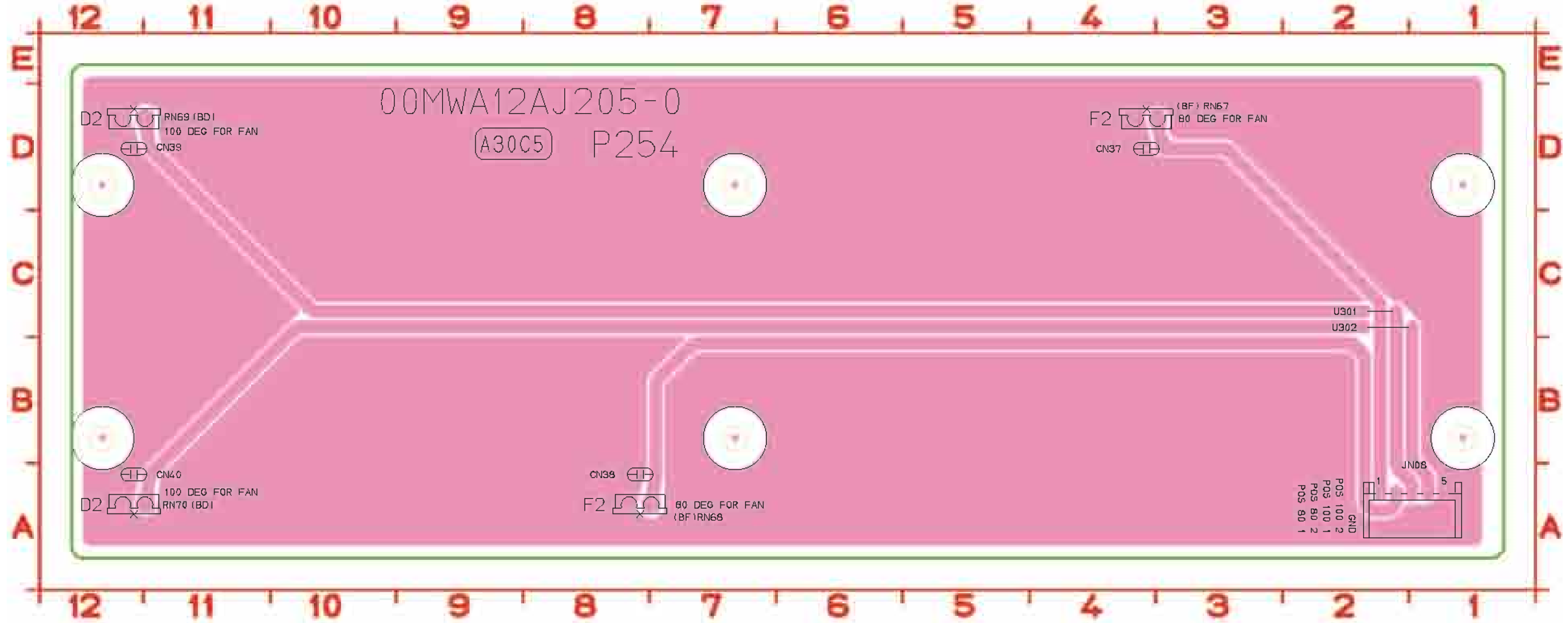
Q261 A1
W261 A1

P244B



Q361 A1
W36 A1

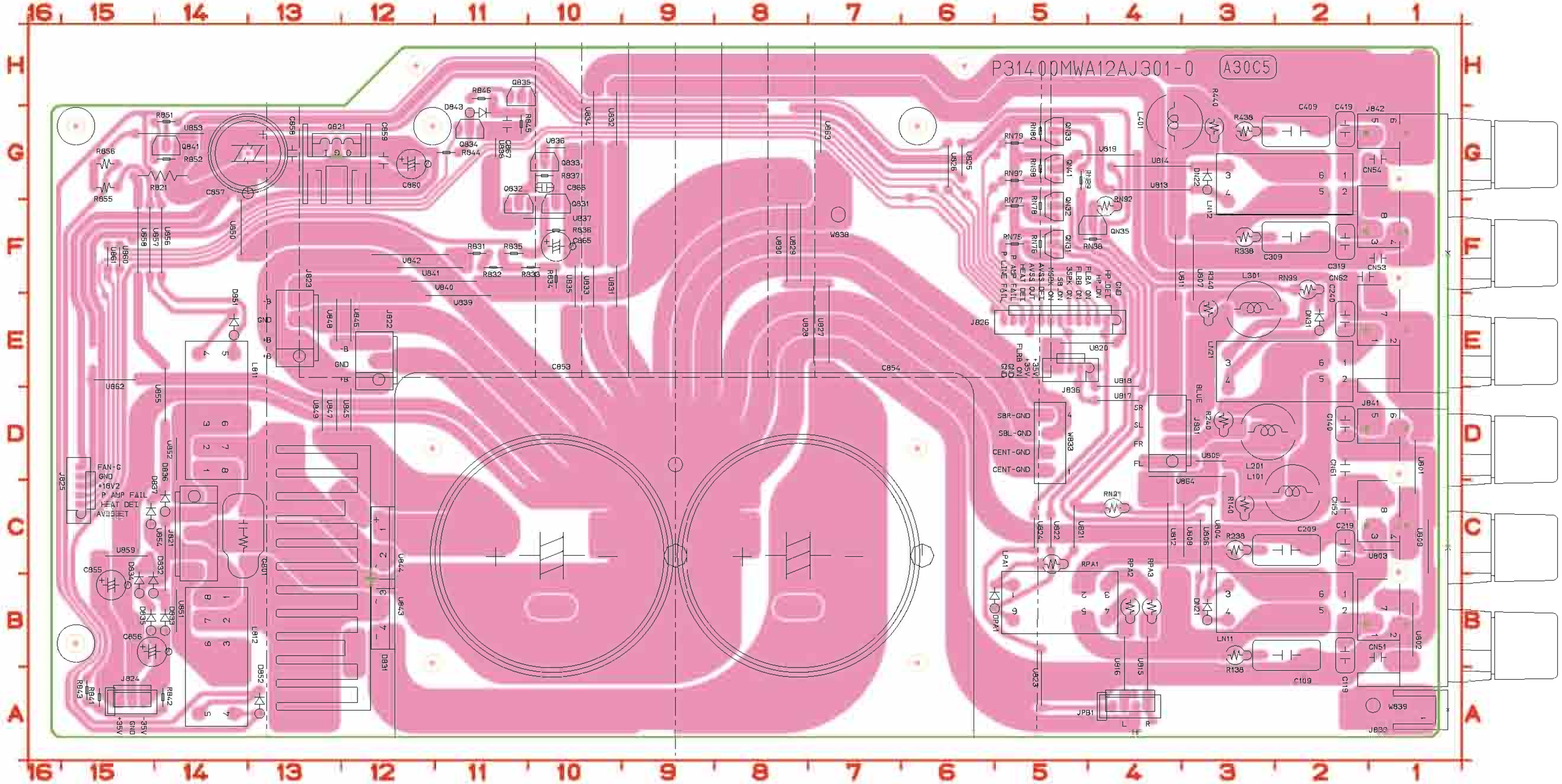
P254B



CN37	D3	JN08	A2	RN70	A12
CN38	A7	RN67	D4	U301	C2
CN39	D11	RN68	A8	U302	C1
CN40	A11	RN69	D12		

鉛フリー半田
半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。

Lead-free Solder
When soldering, use the Lead-free Solder (Sn-Ag-Cu).



C109	B2	C853	C10	C867	G11	D834	B15	DPA1	B6	J839	A1	LN11	B3	Q841	G14	R338	F3	R836	F10	R855	G15	RN91	C4	U803	C1	U814	G3	U824	C5	U834	G10	U844	B12	U854	B14	U864	D3
C119	B2	C854	C8	CN51	B1	D835	B15	G801	C14	J841	C1	LN12	G3	QN31	F5	R340	E3	R837	G10	R856	G15	RN92	F4	U804	C3	U815	A4	U825	G6	U835	E10	U845	D12	U855	D14	W833	D5
C140	D2	C855	B15	CN52	C2	D836	C14	J821	C14	J842	F1	LN21	E3	QN32	F5	R438	G3	R841	A15	RN75	F5	RN97	G5	U805	D3	U816	A4	U826	G6	U836	G10	U846	E12	U856	F14	W838	F7
C209	C2	C856	B15	CN53	F1	D837	C15	J822	E12	JPB1	A4	LPA1	B5	QN33	G5	R440	G3	R842	A14	RN76	F5	RN98	G5	U806	B3	U817	D4	U827	E7	U837	F10	U847	D13	U857	F15	W839	A1
C219	C2	C857	G14	CN54	G1	D843	G11	J823	E13	L101	C3	Q821	G13	QN35	F4	R821	G14	R843	A15	RN77	F5	RN99	F2	U807	E3	U818	E4	U828	E7	U838	G11	U848	E13	U858	F15	W840	D9
C240	E2	C858	G13	CN61	D2	D851	E14	J824	A15	L201	D3	Q831	F10	QN41	G5	R831	F11	R844	G11	RN78	F5	RPA1	C5	U808	C3	U819	G4	U829	F8	U839	E11	U849	D13	U859	C15		
C309	F2	C859	G12	CN62	F1	D852	A13	J825	C15	L301	E3	Q832	F11	R138	B3	R832	F11	R845	G11	RN79	G5	RPA2	B4	U809	B1	U820	E4	U830	F8	U840	F11	U850	F14	U860	F15		
C319	F2	C860	G12	D831	C12	DN21	B3	J826	E4	L401	G4	Q833	G10	R140	C3	R833	F10	R846	H11	RN80	G5	RPA3	B4	U811	E4	U821	C5	U831	E10	U841	F11	U851	B14	U861	F15		
C409	G2	C865	F10	D832	B15	DN22	G3	J831	D4	L811	D14	Q834	G11	R238	C3	R834	F10	R851	G14	RN88	F4	U801	C1	U812	C4	U822	C5	U832	G10	U842	F11	U852	C14	U862	E15		
C419	G2	C866	G10	D833	B14	DN31	E2	J836	E4	L812	B14	Q835	H11	R240	D3	R835	F11	R852	G14	RN89	G5	U802	B1	U813	G3	U823	A5	U833	E10	U843	B12	U853	G14	U863	G7		

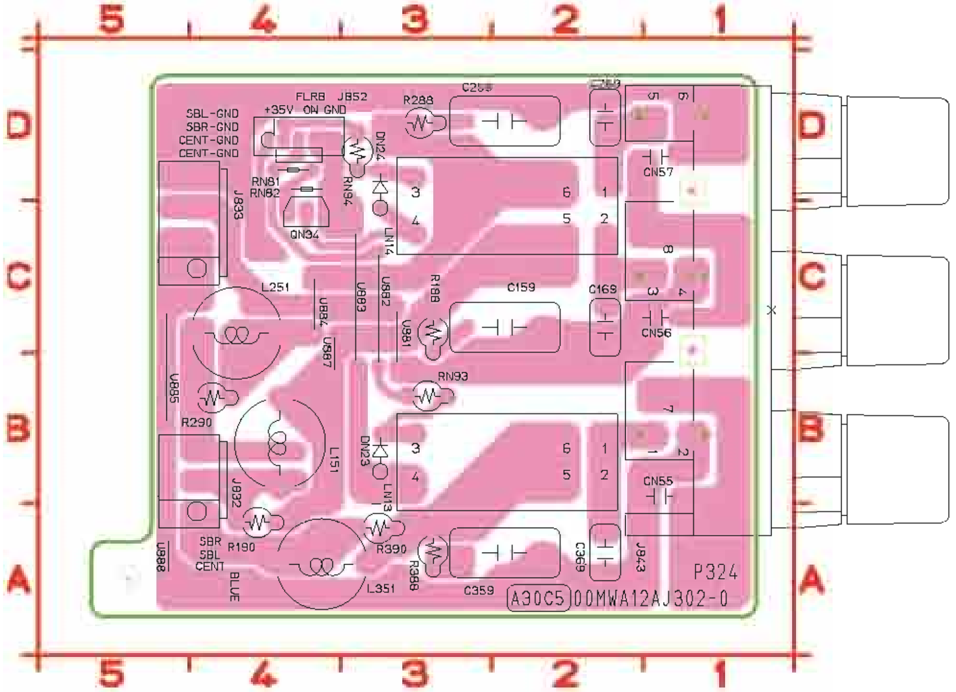
鉛フリー半田

半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。

Lead-free Solder

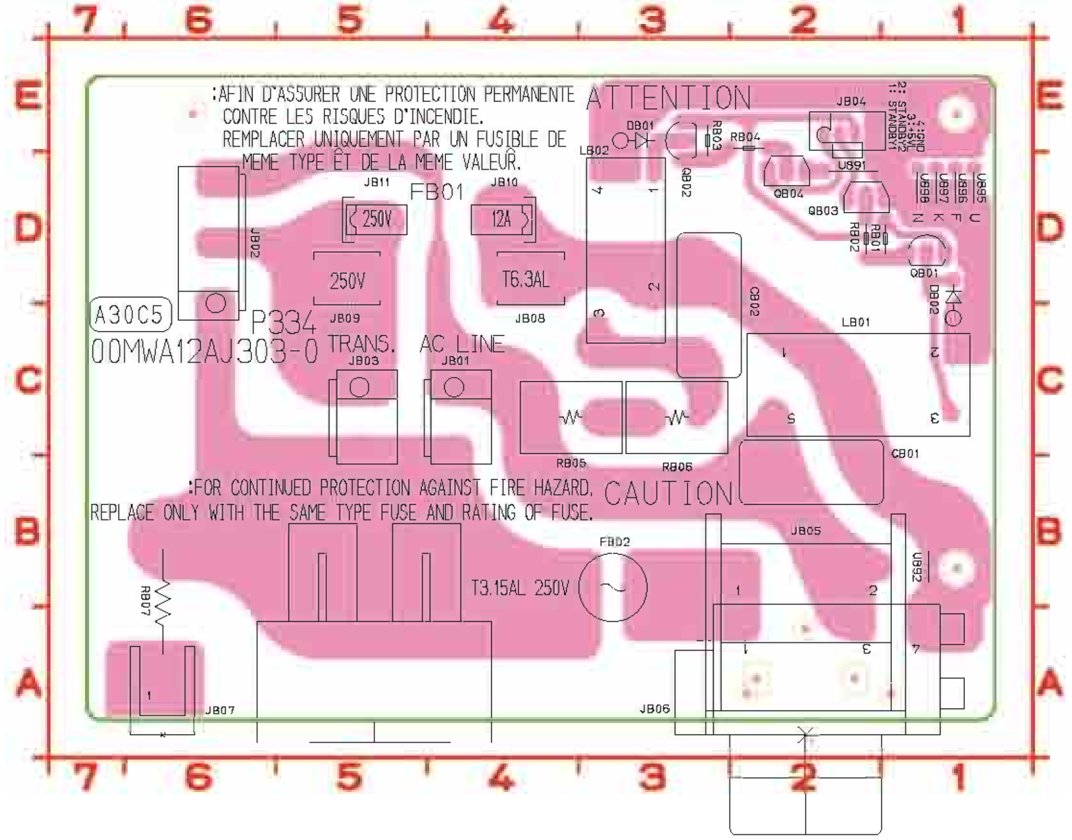
When soldering, use the Lead-free Solder (Sn-Ag-Cu).

P324B



C159	C2	CN55	B1	J833	C4	LN13	B3	R290	B4	RN94	D3	U887	B4
C169	C2	CN56	C1	J843	C1	LN14	D3	R388	A3	U881	B3	U888	A5
C259	D2	CN57	D1	J852	D4	QN34	C4	R390	A3	U882	B3		
C269	D2	DN23	B3	L151	B4	R188	C3	RN81	D4	U883	B3		
C359	A2	DN24	C3	L251	C4	R190	A4	RN82	D4	U884	C4		
C369	A2	J832	A4	L351	A3	R288	D3	RN93	B3	U885	B5		

P334B



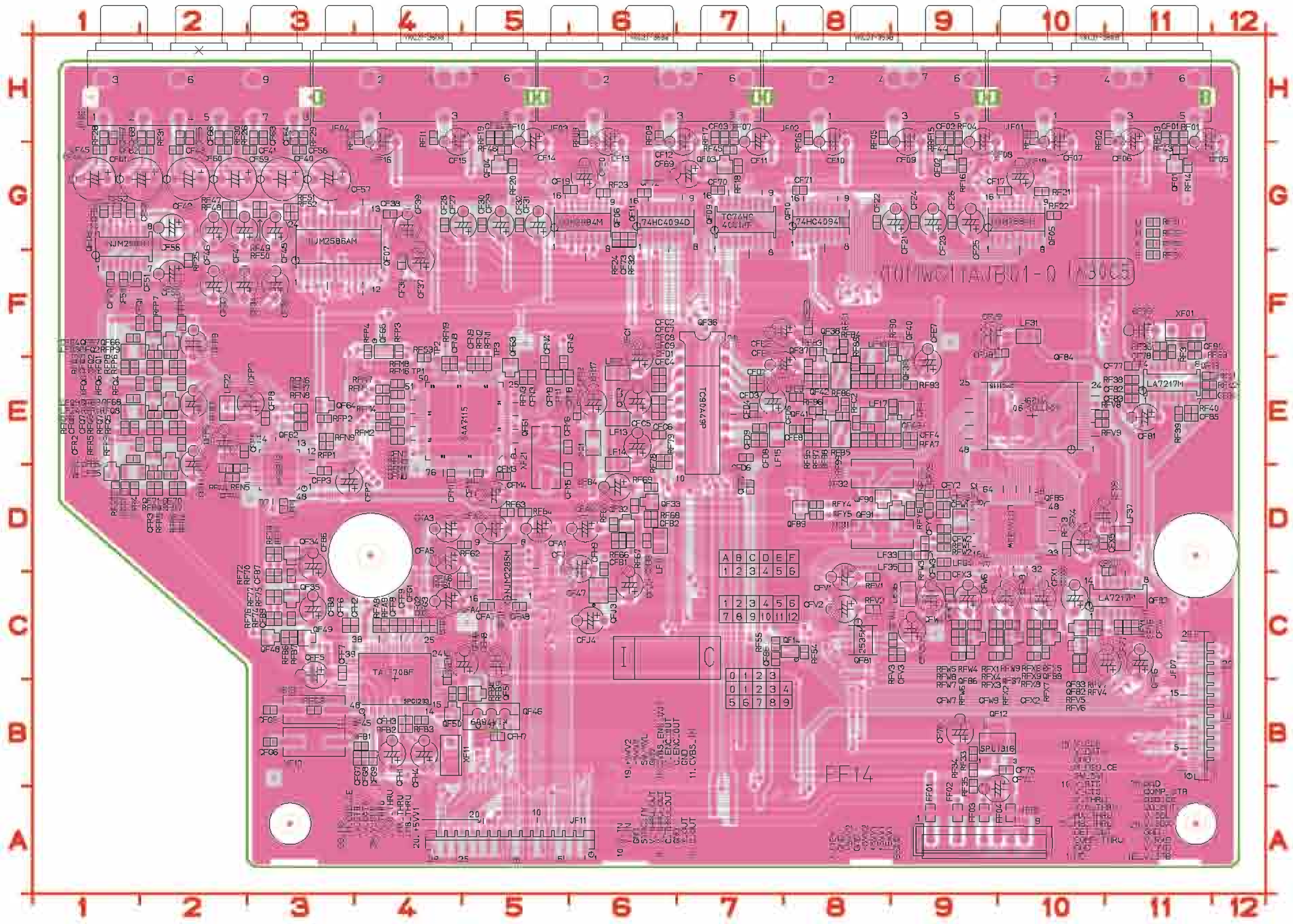
CB01	B2	JB01	C4	JB06	A2	JB11	D5	QB03	D2	RB04	E2	U892	B1		
CB02	C3	JB02	D6	JB07	A6	LB01	C2	QB04	D2	RB05	C3	U895	D1		
DB01	E3	JB03	C5	JB08	D4	LB02	D3	RB01	D1	RB06	C3	U896	D1		
DB02	C1	JB04	E2	JB09	D5	QB01	D1	RB02	D2	RB07	A6	U897	D1		
FB02	B3	JB05	A2	JB10	D4	QB02	E3	RB03	D3	U891	D2	U898	D1		

鉛フリー半田

半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。

Lead-free Solder

When soldering, use the Lead-free Solder (Sn-Ag-Cu).



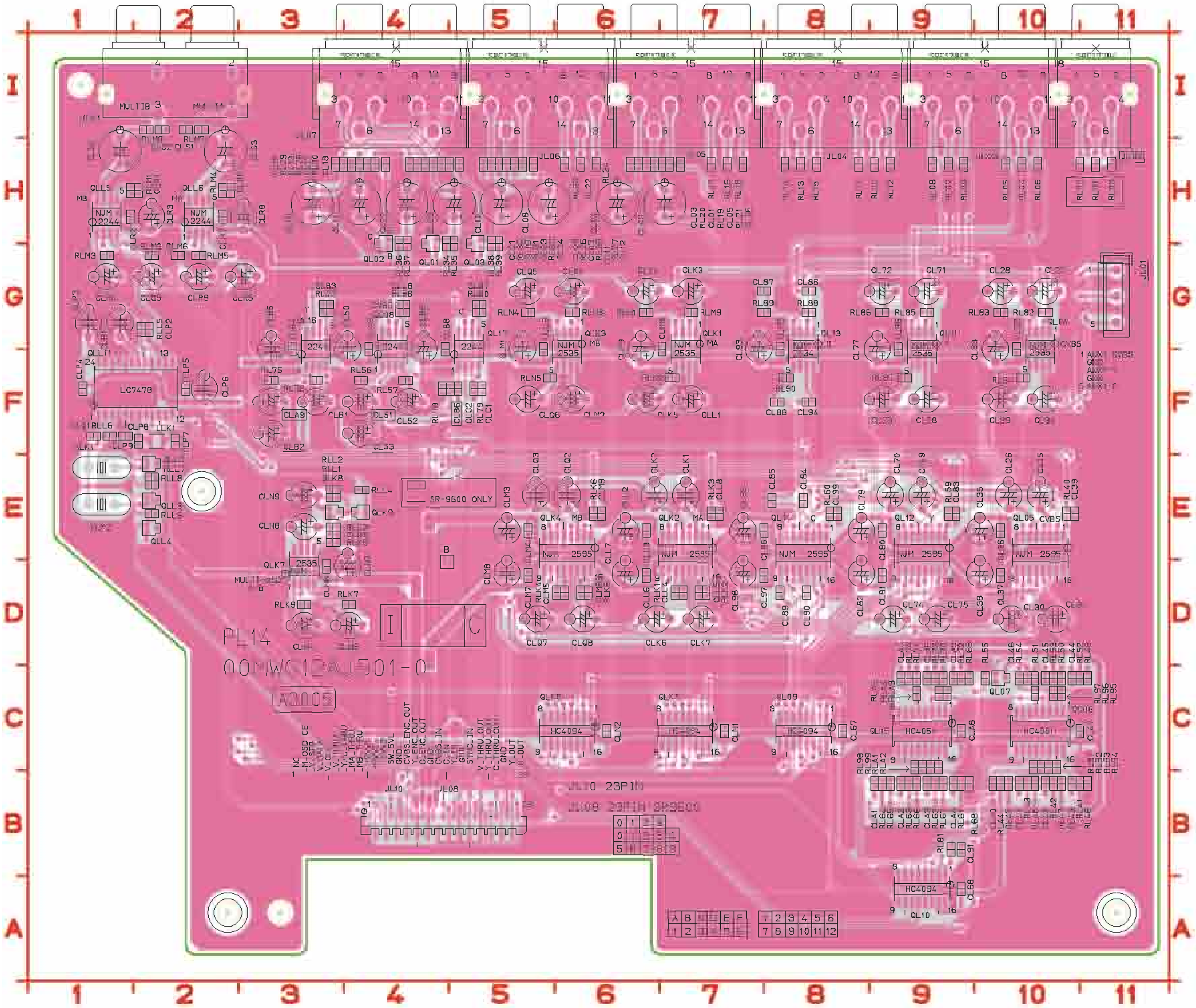
CF01	H11	CF78	F11	CFH6	C5	CFY2	D9	QF68	E2	RF66	D6	RFP5	F2
CF02	H9	CF79	F11	CFH7	B5	CFY3	D9	QF69	E2	RF67	D6	RFP6	E2
CF03	H7	CF80	F11	CFH8	C5	CFY4	C11	QF70	E2	RF68	D6	RFP7	F2
CF04	H5	CF81	E11	CFH9	D6	CFY5	C11	QF71	E2	RF69	D6	RFP8	E2
CF05	H12	CF82	E11	CFJ1	D6	FF01	A9	QF72	D1	RF70	C3	RFP9	F2
CF06	H11	CF83	E11	CFJ2	C6	FF02	A9	QF81	C8	RF71	D3	RFQ1	E2
CF07	H10	CF84	E11	CFJ3	C6	FF03	A9	QF82	C10	RF72	C3	RFQ2	F2
CF08	H9	CF85	E11	CFJ4	C6	FF04	A10	QF83	C10	RF73	D3	RFQ3	E1
CF09	H9	CF86	C7	CFM1	D4	JF01	H10	QF84	E10	RF74	C3	RFQ4	E2
CF10	H8	CFA1	D5	CFM2	D5	JF02	H8	QF85	D10	RF75	C3	RFQ5	E2
CF11	H7	CFA2	D5	CFM3	D5	JF03	H6	QF86	C9	RF76	C3	RFQ6	E2
CF12	H7	CFA3	D5	CFM4	D5	JF04	H4	QF87	C10	RF77	C3	RFQ7	E2
CF13	H6	CFA4	C5	CFM5	D5	JF05	A9	QF88	C10	RF78	E6	RFQ8	E2
CF14	H5	CFA5	D5	CFM6	E5	JF06	H2	QF89	D8	RF79	E6	RFQ9	E2
CF15	H5	CFA6	C5	CFM7	E6	JF07	B11	QF90	D8	RF80	E7	RFR1	E2
CF16	H4	CFA7	C5	CFM8	E6	JF11	A5	QF91	D9	RF81	E8	RFR2	E1
CF17	G10	CFA8	C5	CFM9	E5	LF11	D6	QF92	C11	RF82	E8	RFR3	E2
CF18	G10	CFA9	D6	CFN1	E5	LF12	E6	RF01	H11	RF83	F8	RFR4	D2
CF19	G6	CFB1	D6	CFN2	E6	LF13	E6	RF02	H11	RF84	E8	RFR5	E2
CF20	G6	CFB2	D6	CFN3	E5	LF14	E6	RF03	H10	RF85	E8	RFR6	D2
CF21	G9	CFB3	D6	CFN4	E5	LF15	E7	RF04	H9	RF86	E8	RFR7	D2
CF22	G8	CFB4	D6	CFN5	E5	LF16	F8	RF05	H8	RF87	E8	RFR8	D2
CF23	G9	CFB5	D6	CFN6	E4	LF17	E8	RF06	H8	RF88	E8	RFR9	D2
CF24	G9	CFB6	C3	CFN7	E4	LF21	E6	RF07	H7	RF89	E8	RFS1	D1
CF25	G9	CFB7	C3	CFN8	E4	LF22	E2	RF08	H6	RF90	F9	RFS2	D1
CF26	G9	CFB8	C3	CFN9	E5	LF23	F1	RF09	H6	RF91	E8	RFS3	E4
CF27	G5	CFB9	C3	CFP1	D3	LF24	E1	RF10	H5	RF92	E9	RFV1	C8
CF28	G4	CFC1	E6	CFP2	D3	LF25	D1	RF11	H4	RF93	E9	RFV2	C8
CF29	G5	CFC2	E6	CFP3	D3	LF31	F10	RF12	H4	RF94	E8	RFV3	C9
CF30	G5	CFC3	E6	CFP4	D2	LF32	D9	RF13	H11	RF95	E8	RFV4	C10
CF31	G5	CFC4	E6	CFP5	E2	LF33	D9	RF14	G11	RF96	E8	RFV5	C10
CF32	G5	CFC5	E6	CFP6	E2	LF34	D9	RF15	H9	RF97	E8	RFV6	C10
CF33	F2	CFC6	E6	CFP7	E3	LF35	D9	RF16	G9	RF98	E8	RFV7	C10
CF34	F2	CFC7	E6	CFP8	E3	LF36	C9	RF17	H7	RF99	E8	RFV8	E10
CF35	F3	CFC8	E6	CFP9	F2	LF37	D11	RF18	G7	RFA1	E8	RFV9	E10
CF36	F4	CFC9	E6	CFQ1	F2	QF01	G11	RF19	H5	RFA2	E8	RFW1	D9
CF37	F4	CFD1	E6	CFQ2	E2	QF02	G9	RF20	G5	RFA3	E8	RFW2	D9
CF38	G4	CFD2	E7	CFQ3	E1	QF03	G7	RF21	G10	RFA4	E9	RFW3	D9
CF39	G4	CFD3	E7	CFQ4	F1	QF04	G5	RF22	G10	RFA5	E8	RFW4	C9
CF40	G3	CFD4	E7	CFQ5	E2	QF05	G10	RF23	G6	RFA6	E9	RFW5	C9
CF41	G3	CFD5	E7	CFQ6	E2	QF06	G6	RF24	G6	RFA7	E9	RFW6	C9
CF42	G2	CFD6	E7	CFQ7	E2	QF07	G3	RF25	F2	RFA8	C4	RFW7	C9
CF43	G2	CFD7	D7	CFQ8	E1	QF08	G1	RF26	H3	RFA9	C4	RFW8	C9
CF44	G1	CFD8	E7	CFQ9	E1	QF09	G7	RF27	H2	RFB1	B4	RFW9	C10
CF45	G1	CFD9	E7	CFR1	D2	QF10	G8	RF28	H1	RFB2	B4	RFX1	C9
CF46	G2	CFE1	E8	CFR2	E2	QF11	G6	RF29	H3	RFB3	B4	RFX2	C10
CF47	G2	CFE2	F8	CFR3	D2	QF12	B10	RF30	H2	RFB4	E8	RFX3	C9
CF48	G3	CFE3	F8	CFR4	D1	QF13	E11	RF31	H2	RFB5	E8	RFX4	C9
CF49	F1	CFE4	E8	CFR5	E1	QF14	C8	RF32	G6	RFB6	C3	RFX5	C10
CF50	F1	CFE5	E8	CFV1	C8	QF31	D5	RF33	B9	RFB7	C3	RFX6	C10
CF51	F1	CFE6	E8	CFV2	C8	QF32	D6	RF34	B9	RFB8	B4	RFX7	C10
CF52	G1	CFE7	E9	CFV3	C9	QF33	D6	RF35	B9	RFB9	B5	RFX8	C10
CF53	G1	CFE8	E8	CFV4	C9	QF34	D3	RF36	F11	RFC1	F8	RFX9	C10
CF54	G1	CFE9	E8	CFV5	C9	QF35	C3	RF37	F11	RFC2	E8	RFY1	C11
CF55	F2	CFF1	E8	CFV6	C11	QF36	F7	RF38	E11	RFC3	B3	RFY3	D10
CF56	G2	CFF2	E8	CFV7	C11	QF37	E8	RF39	E11	RFM1	E4	RFY4	D8
CF57	G3	CFF3	E8	CFV8	F10	QF38	F8	RF40	E11	RFM2	E4	RFY5	D8
CF58	G3	CFF4	E9	CFV9	F10	QF39	E9	RF41	E11	RFM3	E4	RFY6	D9
CF59	G3	CFF5	C3	CFW1	D9	QF40	F9	RF42	E11	RFM4	E4	RFY7	D9
CF60	G2	CFF6	C3	CFW2	D9	QF41	E8	RF43	G11	RFM5	E4	RFZ1	G11
CF61	G2	CFF7	C3	CFW3	D9	QF42	E8	RF44	G9	RFM6	E4	RFZ2	G11
CF62	G2	CFF8	C4	CFW4	C9	QF43	E9	RF45	G7	RFM7	E4	RFZ3	G11
CF63	H3	CFF9	C4	CFW5	C9	QF44	E9	RF46	G5	RFM8	E4	RFZ4	F11
CF64	H3	CFG1	C4	CFW6	C9	QF45	C4	RF47	G2	RFM9	E4	XF01	F11
CF65	H2	CFG2	C4	CFW7	C9	QF46	B5	RF48	G2	RFN1	E5	XF11	B4
CF66	H2	CFG3	C4	CFW8	C10	QF47	C6	RF49	G3	RFN2	E5	XF12	B3
CF67	H1	CFG4	C4	CFW9	C9	QF48	C3	RF50	G3	RFN3	E5	XF13	B3
CF68	H2	CFG5	B3	CFX1	C10	QF49	C3	RF51	G3	RFN4	D2	XF21	E5
CF69	G7	CFG6	B3	CFX2	C10	QF50	B4	RF52	G3	RFN5	D2	XF31	D8
CF70	G7	CFG7	B4	CFX3	C9	QF51	B5	RF53	F11	RFN6	E3	XF32	D8
CF71	G8	CFG8	B4	CFX4	D10	QF61	E5	RF54	C8	RFN7	E3		
CF72	G6	CFG9	B4	CFX5	D10	QF62	D3	RF55	C7	RFN8	E3		
CF73	G6	CFH1	B4	CFX6	D10	QF63	E5	RF61	C5	RFN9	E3		
CF74	A10	CFH2	C4	CFX7	D11	QF64	E3	RF62	D5	RFP1	E3		
CF75	B10	CFH3	B4	CFX8	C10	QF65	F4	RF63	D5	RFP2	E3		
CF76	B9	CFH4	B4	CFX9	D9	QF66	F2	RF64	D5	RFP3	F4		
CF77	E11	CFH5	C4	CFY1	D9	QF67	F2	RF65	D6	RFP4	F4		

鉛フリー半田

半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。

Lead-free Solder

When soldering, use the Lead-free Solder (Sn-Ag-Cu).



CL01	H6	CL81	D9	CLN2	C6	QLK1	G7	RL53	C10	RLL7	E2
CL02	H7	CL82	D8	CLN3	D4	QLK2	E7	RL54	C10	RLL8	E2
CL03	H6	CL83	E9	CLN4	D3	QLK3	G6	RL55	C10	RLL9	E2
CL04	H6	CL84	E8	CLN5	E3	QLK4	E6	RL56	F4	RLM1	H1
CL05	H7	CL85	E8	CLN6	D3	QLK5	C7	RL57	F4	RLM2	G2
CL06	H7	CL86	G8	CLN7	D4	QLK6	C6	RL58	G4	RLM3	G1
CL07	H5	CL87	G8	CLN8	E3	QLK7	D3	RL59	E9	RLM4	H2
CL08	H5	CL88	F8	CLN9	E3	QLK8	E3	RL60	E8	RLM5	G2
CL09	H5	CL89	D8	CLP1	G1	QLK9	E4	RL61	B9	RLM6	G2
CL10	H5	CL90	D8	CLP2	G2	QLL1	F2	RL62	B9	RLM7	I2
CL11	H5	CL91	B9	CLP3	G1	QLL2	E2	RL63	B9	RLM8	I2
CL12	H5	CL92	G8	CLP4	F1	QLL3	E2	RL64	B9	RLM9	G7
CL13	H4	CL93	F7	CLP5	F2	QLL4	E2	RL65	B9	RLN1	G6
CL14	H4	CL94	F8	CLP6	F2	QLL5	H1	RL66	B9	RLN2	F7
CL15	H3	CL95	E7	CLP7	F2	QLL6	H2	RL67	B9	RLN3	G6
CL16	H3	CL96	E8	CLP8	F2	RL01	H11	RL68	B9	RLN4	G5
CL17	H4	CL97	D8	CLP9	F1	RL02	H11	RL69	C9	RLN5	F5
CL18	H4	CL98	D7	CLQ1	F1	RL03	H11	RL70	C9	XLK1	E1
CL19	H4	CL99	E8	CLQ2	E6	RL04	H10	RL71	C9	XLK2	E1
CL20	H5	CLA1	B9	CLQ3	E5	RL05	H10	RL72	C9		
CL21	H4	CLA2	B9	CLQ4	G6	RL06	H10	RL73	C9		
CL22	H4	CLA3	B9	CLQ5	G5	RL07	H9	RL74	C9		
CL23	H4	CLA4	B9	CLQ6	F5	RL08	H9	RL75	F3		
CL24	H5	CLA5	C9	CLQ7	D5	RL09	H9	RL76	F3		
CL25	E10	CLA6	C9	CLQ8	D6	RL10	H9	RL77	G3		
CL26	E10	CLA7	C9	CLQ9	G2	RL11	H8	RL78	F4		
CL27	G10	CLA8	C9	CLR1	H2	RL12	H9	RL79	F5		
CL28	G10	CLA9	F3	CLR2	H1	RL13	H8	RL80	G5		
CL29	F10	CLB1	F3	CLR3	H2	RL14	H8	RL81	B9		
CL30	D10	CLB2	F3	CLR4	G1	RL15	H8	RL82	G10		
CL31	D10	CLB3	G3	CLR5	G3	RL16	H7	RL83	G10		
CL32	G10	CLB4	G3	CLR6	H2	RL17	H7	RL84	F10		
CL33	F10	CLB5	F3	CLR7	H2	RL18	H7	RL85	G9		
CL34	F10	CLB6	F5	CLR8	H3	RL19	H6	RL86	G9		
CL35	E10	CLB7	G5	CLR9	G2	RL20	H6	RL87	F9		
CL36	E10	CLB8	G4	CLS1	I2	RL21	H7	RL88	G8		
CL37	D10	CLB9	F4	CLS2	I2	RL22	H6	RL89	G8		
CL38	D10	CLC1	F5	CLS3	H2	RL23	H6	RL90	F8		
CL39	E10	CLC2	F5	CLS4	H1	RL24	H6	RL91	C10		
CL40	B10	CLK1	E7	JL01	G11	RL25	H5	RL92	C10		
CL41	B10	CLK2	E6	JL02	I11	RL26	H5	RL93	C10		
CL42	B10	CLK3	G7	JL03	I10	RL27	H5	RL94	C10		
CL43	B10	CLK4	G7	JL04	I8	RL28	H4	RL95	C10		
CL44	C10	CLK5	F7	JL05	I7	RL29	H4	RL96	C10		
CL45	C10	CLK6	D7	JL06	I5	RL30	H4	RL97	C10		
CL46	C10	CLK7	D7	JL07	I4	RL31	H4	RL98	C9		
CL47	C11	CLK8	G7	JL08	B4	RL32	H4	RL99	C9		
CL48	G4	CLK9	F6	JL10	B4	RL33	H5	RLA1	C9		
CL49	G4	CLL1	F7	JLK1	I2	RL34	H4	RLA2	C9		
CL50	F4	CLL2	E6	LLK1	F2	RL35	H5	RLA3	C9		
CL51	F4	CLL3	E6	QL01	H4	RL36	H4	RLA4	C9		
CL52	F4	CLL4	D7	QL02	H4	RL37	H4	RLA5	C9		
CL53	F4	CLL5	D7	QL03	H5	RL38	H5	RLK1	D7		
CL67	C8	CLL6	D6	QL04	G10	RL39	H5	RLK2	D7		
CL68	A9	CLL7	D6	QL05	E10	RL40	E10	RLK3	E7		
CL69	E9	CLL8	E7	QL06	C10	RL41	B11	RLK4	D6		
CL70	E9	CLL9	G5	QL07	C10	RL42	B10	RLK5	D6		
CL71	G9	CLM1	F5	QL08	G4	RL43	B10	RLK6	E6		
CL72	G9	CLM2	F6	QL09	C8	RL44	B10	RLK7	D4		
CL73	F9	CLM3	E5	QL10	A9	RL45	B10	RLK8	E3		
CL74	D9	CLM4	E5	QL11	G9	RL46	B10	RLK9	D3		
CL75	D9	CLM5	D6	QL12	E9	RL47	B10	RLL1	E3		
CL76	G9	CLM6	D6	QL13	G8	RL48	B11	RLL2	E3		
CL77	F9	CLM7	D5	QL14	E8	RL49	C11	RLL3	E3		
CL78	F9	CLM8	D5	QL15	C9	RL50	C10	RLL4	E4		
CL79	E8	CLM9	E6	QL16	G3	RL51	C10	RLL5	G2		
CL80	E9	CLN1	C7	QL17	G5	RL52	C11	RLL6	F1		

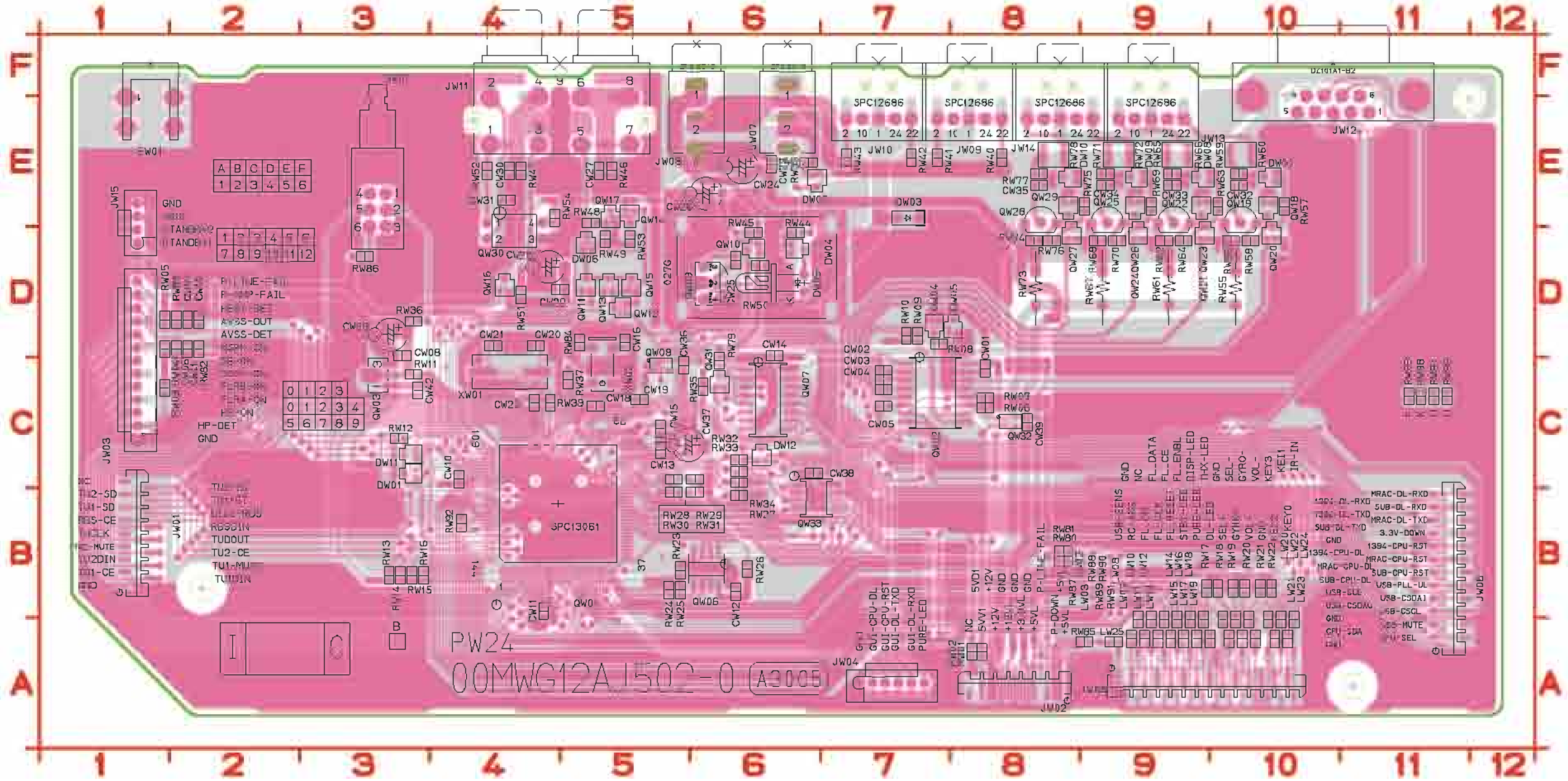
鉛フリー半田

半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。

Lead-free Solder

When soldering, use the Lead-free Solder (Sn-Ag-Cu).

PW24A



CW01 C8	CW19 C5	CW36 C5	DW11 C3	JW15 D1	LW22 A10	QW14 E5	QW31 C6	RW15 B3	RW32 C6	RW49 D5	RW66 E9	RW83 D2
CW02 C7	CW20 D4	CW37 C6	DW12 C6	LW02 A9	LW23 A10	QW15 D5	QW32 C8	RW16 B3	RW33 C6	RW50 D6	RW67 D9	RW84 D5
CW03 C7	CW21 D4	CW38 C6	EW01 F1	LW03 A9	LW24 A10	QW16 D4	QW33 B6	RW17 B9	RW34 C6	RW51 D4	RW68 D9	RW85 A9
CW04 C7	CW22 C4	CW39 C8	JW01 B1	LW08 A9	LW25 A9	QW17 E5	RW01 A8	RW18 B10	RW35 C6	RW52 E4	RW69 E9	RW86 D3
CW05 C7	CW23 E6	CW40 D2	JW02 A8	LW09 A9	QW01 B4	QW18 D10	RW02 A8	RW19 B10	RW36 D3	RW53 D5	RW70 D9	RW87 A9
CW06 D2	CW24 E6	CW41 D2	JW03 C1	LW10 A9	QW02 C7	QW19 E10	RW03 C1	RW20 B10	RW37 C5	RW54 E4	RW71 E9	RW88 A9
CW07 D2	CW25 D6	CW42 C3	JW04 A7	LW11 A9	QW03 C3	QW20 E10	RW04 D1	RW21 B10	RW38 C4	RW55 D10	RW72 E9	RW89 A9
CW08 D3	CW26 E6	DW01 C3	JW05 A9	LW12 A9	QW04 D7	QW21 D9	RW05 D1	RW22 B10	RW39 E6	RW56 D10	RW73 D8	RW90 A9
CW09 D3	CW27 E5	DW02 E6	JW06 B11	LW13 A10	QW05 D8	QW22 E9	RW06 C8	RW23 B5	RW40 E8	RW57 E10	RW74 D8	RW91 A9
CW10 C4	CW28 D5	DW03 E7	JW07 F6	LW14 A10	QW06 B6	QW23 E9	RW07 C8	RW24 B5	RW41 E7	RW58 D10	RW75 E9	RW92 B4
CW11 B4	CW29 D5	DW04 D6	JW08 F6	LW15 A10	QW07 C6	QW24 D9	RW08 D7	RW25 B5	RW42 E7	RW59 E10	RW76 D8	RW96 C11
CW12 B6	CW30 E4	DW05 D6	JW09 F8	LW16 A10	QW08 C5	QW25 E9	RW09 D7	RW26 B6	RW43 E7	RW60 E10	RW77 E8	RW97 C11
CW13 C5	CW31 E4	DW06 D5	JW10 F7	LW17 A10	QW09 D6	QW26 E9	RW10 D7	RW27 B6	RW44 D6	RW61 D9	RW78 E8	RW98 C11
CW14 D6	CW32 E10	DW07 E10	JW11 F5	LW18 A10	QW10 D6	QW27 D8	RW11 C3	RW28 C5	RW45 D6	RW62 D9	RW79 C6	RW99 C11
CW15 C5	CW33 E9	DW08 E9	JW12 F10	LW19 A10	QW11 D5	QW28 E8	RW12 C3	RW29 C6	RW46 E5	RW63 E10	RW80 B8	SW01 E3
CW16 D5	CW34 E9	DW09 E9	JW13 F9	LW20 A10	QW12 D5	QW29 E8	RW13 B3	RW30 B5	RW47 E4	RW64 D9	RW81 B8	XW01 C4
CW18 C5	CW35 E8	DW10 E8	JW14 F8	LW21 A10	QW13 D5	QW30 D4	RW14 B3	RW31 B6	RW48 E5	RW65 E9	RW82 D2	XW02 C5

PW24A

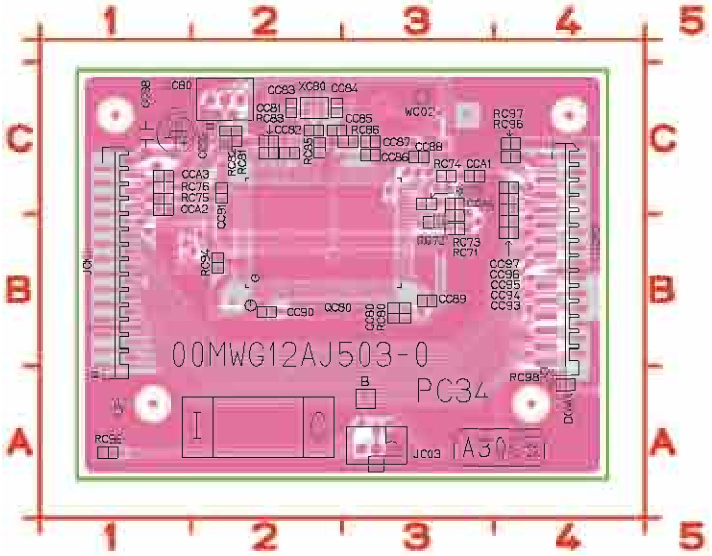
鉛フリー半田

半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。

Lead-free Solder

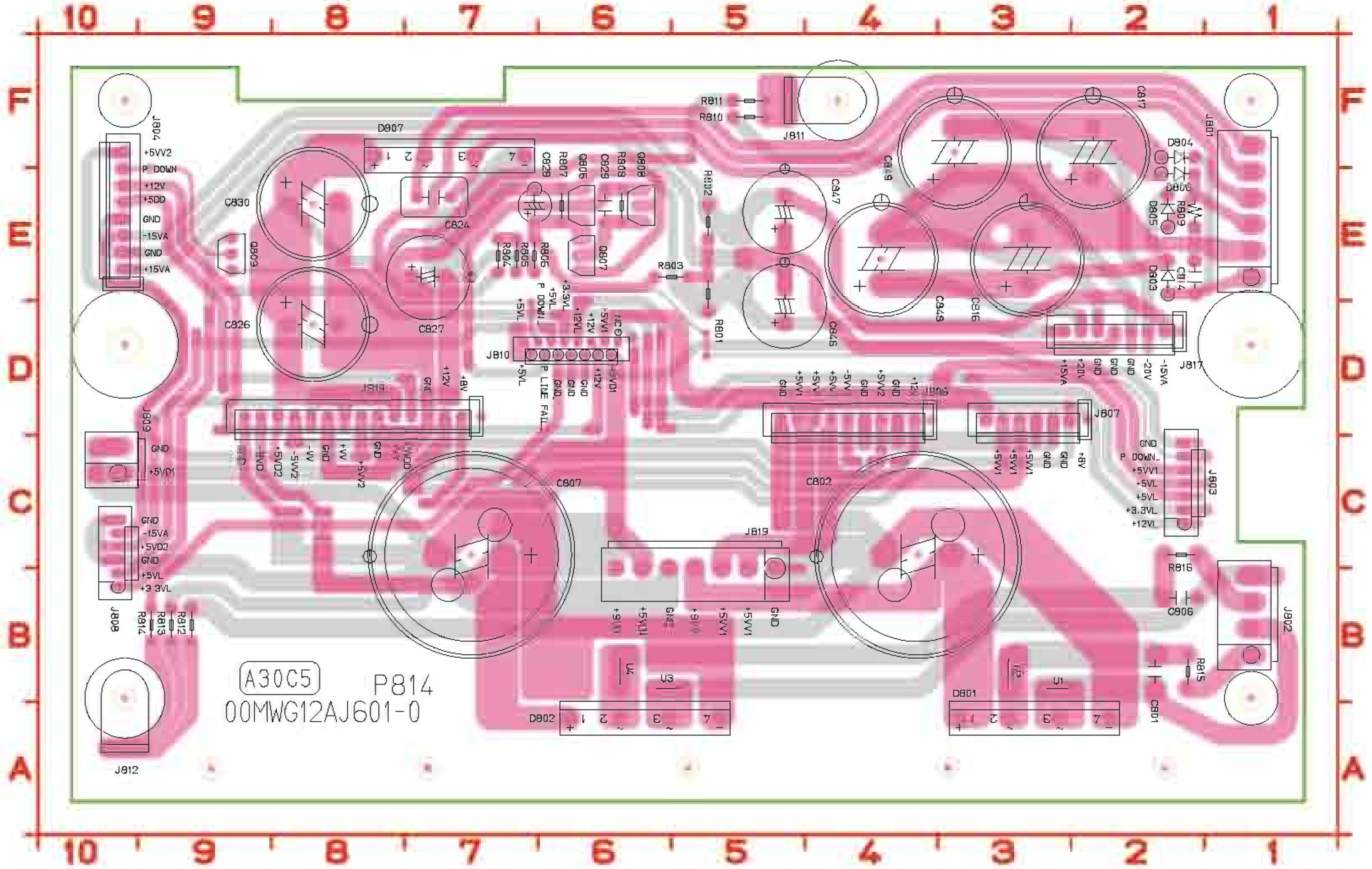
When soldering, use the Lead-free Solder (Sn-Ag-Cu).

PC34A



CC80	B3	CC89	B3	CC98	C1	QC80	B2	RC81	C2	RC97	C4
CC81	C2	CC90	B2	CCA1	C3	RC71	B3	RC82	C2	RC98	A4
CC82	C2	CC91	C2	CCA2	C1	RC72	B3	RC83	C2	WC02	C3
CC83	C2	CC92	C1	CCA3	C1	RC73	B3	RC84	C2	XC80	C2
CC84	C2	CC93	B4	CCA4	C3	RC74	C3	RC85	C2		
CC85	C2	CC94	B4	JC03	A3	RC75	C1	RC86	C3		
CC86	C3	CC95	C4	JC80	C2	RC76	C1	RC94	B2		
CC87	C3	CC96	C4	JCK1	B1	RC77	C3	RC95	A1		
CC88	C3	CC97	C4	JCK2	B4	RC80	B3	RC96	C4		

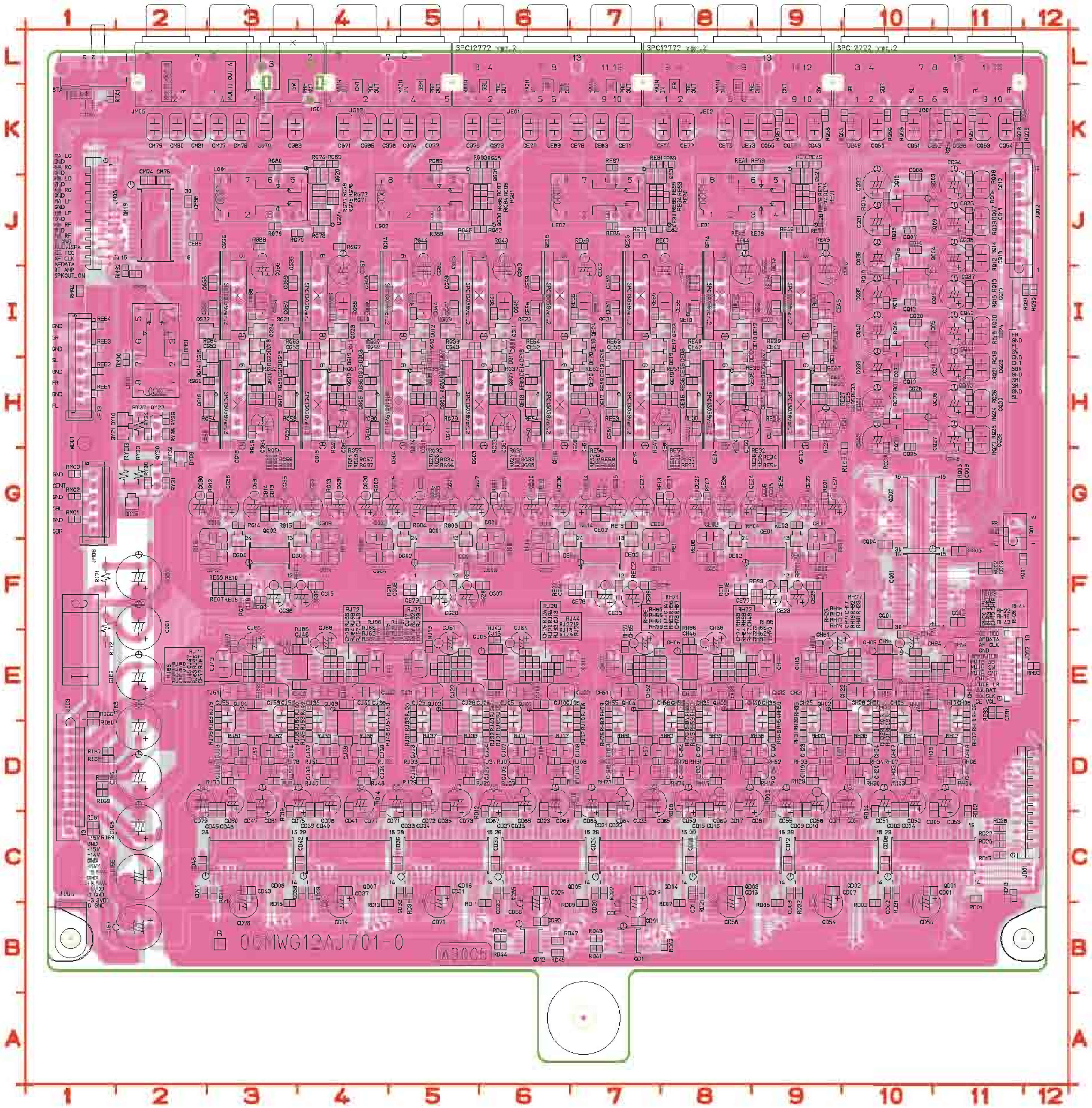
P814B



C801	B2	C817	E2	C830	E8	D802	A6	J801	E1	J808	B10	J817	D2	R801	D5	R807	E6	R813	B9	U3	B5
C802	C3	C824	E7	C846	D5	D803	E2	J802	B1	J809	C10	J819	C5	R802	E5	R808	E6	R814	B9	U4	B6
C806	B2	C826	D8	C847	E5	D804	F2	J803	C2	J810	D6	Q806	E6	R803	E5	R809	E2	R815	B2		
C807	C7	C827	E7	C848	E4	D805	E2	J804	E10	J811	F4	Q807	E6	R804	E7	R810	F5	R816	C2		
C814	E2	C828	E7	C849	E3	D806	E2	J806	D4	J812	B10	Q808	E6	R805	E7	R811	F5	U1	B2		
C816	E3	C829	E6	D801	A3	D807	F8	J807	D3	J813	D7	Q809	E9	R806	E7	R812	B9	U2	B3		

鉛フリー半田
半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。

Lead-free Solder
When soldering, use the Lead-free Solder (Sn-Ag-Cu).



CD01	C10	CE03	F9	CG11	F4	CH28	E9	CJ44	E4	DE01	G9	QE13	I9
CD02	C10	CE04	F8	CG12	F3	CH31	E8	CJ45	E4	DE02	G8	QE14	I8
CD03	D10	CE05	G9	CG13	G3	CH32	E8	CJ46	E4	DE03	G7	QE15	H7
CD04	D10	CE06	G9	CG14	G3	CH33	D8	CJ47	E3	DE04	G7	QE16	H6
CD05	D11	CE07	F9	CG15	F4	CH34	D9	CJ48	E4	DE05	H9	QE17	H7
CD06	C10	CE08	F8	CG16	F3	CH35	E8	CJ49	D3	DE06	H8	QE18	H6
CD07	C9	CE09	G7	CG20	G4	CH36	D9	CJ50	D3	DE07	I9	QE19	H7
CD08	C9	CE10	G6	CG21	G6	CH37	D8	CJ51	E3	DE08	I8	QE20	H7
CD09	D9	CE11	F7	CG24	G5	CH38	D8	CJ52	E3	DE09	I9	QE21	I7
CD10	D9	CE12	F6	CG25	G5	CH39	D8	CJ53	D3	DE10	I8	QE22	I6
CD11	D9	CE13	G7	CG26	G5	CH40	E8	CJ54	D3	DE11	H9	QE23	I8
CD12	C9	CE14	G7	CG27	G5	CH43	E7	CJ55	D3	DE12	H8	QE24	I7
CD13	C8	CE15	F7	CG28	F5	CH44	E9	CJ56	E3	DE13	H7	QE25	I7
CD14	C8	CE16	F7	CG29	F5	CH45	E8	CJ57	D3	DE14	H6	QE26	I6
CD15	D8	CE20	G8	CG30	G2	CH46	E8	CJ58	E3	DE15	I7	QE27	J9
CD16	D8	CE21	G9	CG31	G4	CH47	E7	CJ61	E5	DE16	I6	QE28	J9
CD17	D8	CE24	G9	CG34	G3	CH48	E8	CJ64	E6	DE17	I7	QE30	J7
CD18	C8	CE25	G9	CG35	G3	CH49	D7	CJ65	E3	DE18	I7	QE31	J7
CD19	C7	CE26	G8	CG36	G3	CH50	D7	CJ68	E4	DE19	H7	QG01	F5
CD20	C7	CE27	G9	CG37	G4	CH51	E7	CM74	J2	DE20	H7	QG02	F3
CD21	D7	CE28	F9	CG38	F3	CH52	E8	CM75	J2	DG01	G5	QG03	H6
CD22	D7	CE29	F9	CG39	F4	CH53	D7	CM76	I2	DG02	G5	QG04	H5
CD23	D7	CE30	G6	CG40	H4	CH54	D8	CM77	K3	DG03	G4	QG05	H5
CD24	C7	CE31	G8	CG41	H5	CH55	D7	CM78	K3	DG04	G3	QG06	H4
CD25	C6	CE34	G7	CG42	I5	CH56	E8	CM79	K2	DG05	H5	QG07	H6
CD26	C6	CE35	G7	CG43	I5	CH57	D7	CM80	K2	DG06	H4	QG08	H5
CD27	D6	CE36	G6	CG44	I5	CH58	E7	CM81	K2	DG07	I5	QG09	I5
CD28	D6	CE37	G7	CG45	I6	CH61	E10	CQ01	F10	DG08	I4	QG10	I4
CD29	D6	CE38	F7	CG46	I4	CH64	E10	CQ02	F11	DG09	I6	QG11	I6
CD30	C6	CE39	F7	CG47	I5	CH65	E7	CQ03	F11	DG10	I5	QG12	I5
CD31	C5	CE40	H8	CG48	I4	CH68	E8	CQ04	F10	DG11	H6	QG13	I6
CD32	C5	CE41	H9	CG49	I5	CH71	E10	CQ05	F11	DG12	H5	QG14	I5
CD33	D5	CE42	I8	CG50	H3	CH72	E10	CQ06	G11	DG13	H3	QG15	H4
CD34	D5	CE43	I9	CG51	H3	CH73	E8	CQ07	J10	DG14	H3	QG16	H3
CD35	D5	CE44	I8	CG52	I3	CH74	E8	CQ08	J10	DG15	I3	QG17	H3
CD36	C5	CE45	I9	CG53	I4	CH75	E5	CQ09	J11	DG16	I3	QG18	H3
CD37	C4	CE46	I8	CG54	I3	CH76	E6	CQ10	J10	DG17	I4	QG19	H4
CD38	C4	CE47	I9	CG55	I4	CH77	E3	CQ11	J11	DG18	I3	QG20	H3
CD39	D4	CE48	I8	CG56	I3	CH78	E4	CQ12	K11	DG19	H4	QG21	I3
CD40	D4	CE49	I9	CG57	I3	CI60	F2	CQ13	I10	DG20	H3	QG22	I3
CD41	D4	CE50	H6	CG58	I3	CI61	E2	CQ14	J10	DY09	G2	QG23	I4
CD42	C4	CE51	H7	CG59	I3	CI62	E2	CQ15	I11	DY10	H2	QG24	I3
CD43	C3	CE52	I6	CG60	H5	CI63	D2	CQ16	J10	JD01	D12	QG25	I4
CD44	C2	CE53	I7	CG61	H6	CI64	D2	CQ17	I11	JD02	E11	QG26	I3
CD45	D3	CE54	I7	CG62	I5	CI65	C2	CQ18	J11	JE01	L6	QG27	J4
CD46	D3	CE55	I8	CG63	I6	CI66	C2	CQ19	H10	JE02	L8	QG28	J4
CD47	D3	CE56	I6	CG64	H3	CI67	B2	CQ20	I10	JE03	H1	QG30	J6
CD48	C2	CE57	I7	CG65	H4	CJ01	E6	CQ21	H11	JG01	L3	QG31	J6
CD50	B11	CE58	I6	CG66	I3	CJ02	E6	CQ22	I10	JG02	L5	QH01	D10
CD51	C10	CE59	I7	CG67	I4	CJ03	D6	CQ23	I11	JI03	D1	QH02	D9
CD52	C10	CE60	H8	CG68	K3	CJ04	D7	CQ24	I11	JI04	B1	QH03	D8
CD53	C11	CE61	H9	CG69	K4	CJ05	E6	CQ25	H10	JM03	J1	QH04	D7
CD54	B9	CE62	I8	CG70	K3	CJ06	D6	CQ26	H10	JM05	L2	QH05	E10
CD55	C9	CE63	I9	CG71	K4	CJ07	D6	CQ27	H11	JM06	G1	QH06	E8
CD56	C9	CE64	H7	CG72	K5	CJ08	D6	CQ28	H10	JQ01	F11	QJ01	D6
CD57	C10	CE65	H8	CG73	K6	CJ09	D6	CQ29	H11	JQ02	I11	QJ02	D5
CD58	B8	CE66	I7	CG74	K5	CJ10	E6	CQ30	H11	JQ04	L10	QJ03	D4
CD59	C8	CE67	I8	CG75	K5	CJ13	E5	CQ31	J10	LE01	J8	QJ04	D3
CD60	C8	CE68	K6	CG76	K5	CJ14	E7	CQ32	J10	LE02	J6	QJ05	E6
CD61	C8	CE69	K7	CH01	E10	CJ15	E6	CQ33	J11	LG01	J3	QJ06	E4
CD62	B7	CE70	K6	CH02	E11	CJ16	E6	CQ34	J11	LG02	J4	QM19	J2
CD63	C7	CE71	K7	CH03	D10	CJ17	E5	CQ35	I10	LM01	H2	QQ01	F10
CD64	C7	CE72	K8	CH04	D11	CJ18	E6	CQ36	I10	QD01	C11	QQ02	G10
CD65	C7	CE73	K8	CH05	E10	CJ19	D5	CQ37	I11	QD02	C9	QQ03	J10
CD66	B6	CE74	K8	CH06	D11	CJ20	D5	CQ38	I11	QD03	C8	QQ04	I10
CD67	C6	CE75	K8	CH07	D10	CJ21	E5	CQ39	H10	QD04	C7	QQ05	I10
CD68	C6	CE76	K7	CH08	D11	CJ22	E6	CQ40	I10	QD05	C6	QQ06	H10
CD69	C6	CE77	F9	CH09	D10	CJ23	D5	CQ41	H11	QD06	C5	QY19	G2
CD70	B5	CE78	F7	CH10	E10	CJ24	D6	CQ42	I11	QD07	C4	QY20	G2
CD71	C5	CE79	F5	CH13	E9	CJ25	D5	CQ43	G10	QD08	C3	QY21	H2
CD72	C5	CE80	F3	CH14	E11	CJ26	E5	CQ44	H10	QD11	B7	QY22	H2
CD73	C5	CE81	E11	CH15	E10	CJ27	D5	CQ45	G11	QD12	B6	RD01	C11
CD74	B4	CE85	J2	CH16	E10	CJ28	E5	CQ46	H11	QE01	F9	RD02	D11
CD75	C4	CE86	J2	CH17	E10	CJ31	E4	CQ47	K9	QE02	F7	RD03	B10
CD76	C4	CG01	G6	CH18	E10	CJ32	E4	CQ48	K9	QE03	H9	RD04	D10
CD77	C4	CG02	G5	CH19	D9	CJ33	D4	CQ49	K10	QE04	H8	RD05	B9
CD78	B3	CG03	F6	CH20	D10	CJ34	D4	CQ50	K10	QE05	H9	RD06	D9
CD79	C2	CG04	F5	CH21	E9	CJ35	E4	CQ51	K10	QE06	H8	RD07	B8
CD80	C3	CG05	G5	CH22	E10	CJ36	D4	CQ52	K11	QE07	H9	RD08	D8
CD81	C3	CG06	G5	CH23	D9	CJ37	D4	CQ53	K11	QE08	H8	RD09	B7
CD91	B7	CG07	F6	CH24	D10	CJ38	D4	CQ54	K11	QE09	I9	RD10	D7
CD92	B6	CG08	F5	CH25	D9	CJ39	D4	CQ55	K9	QE10	I8	RD11	B6
CE01	G9	CG09	G4	CH26	E10	CJ40	E4	CQ56	K11	QE11	I9	RD12	D6
CE02	G8	CG10	G3	CH27	D9	CJ43	E3	CTA1	K1	QE12	I8	RD13	B4

鉛フリー半田

半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。

Lead-free Solder

When soldering, use the Lead-free Solder (Sn-Ag-Cu).

RD14 D4	RE66 I7	RG54 H3	RH47 D8	RJ27 E5	RQ10 I10
RD15 B3	RE67 J8	RG55 H4	RH48 D9	RJ28 E6	RQ11 I10
RD16 D3	RE68 J7	RG56 H3	RH49 E8	RJ29 D5	RQ12 J11
RD17 C11	RE69 K8	RG57 H4	RH50 E9	RJ30 D5	RQ13 I11
RD18 C11	RE70 J7	RG58 H3	RH51 D8	RJ31 D5	RQ14 J11
RD21 C8	RE71 J9	RG59 H3	RH52 D8	RJ32 D6	RQ15 I11
RD22 C7	RE72 J9	RG60 H3	RH53 D8	RJ33 D5	RQ16 I10
RD23 C4	RE73 K9	RG61 H4	RH54 D9	RJ34 D5	RQ17 H10
RD24 C3	RE74 J9	RG62 H3	RH55 D8	RJ35 E5	RQ18 I11
RD25 C11	RE75 J9	RG63 I4	RH56 D9	RJ36 E6	RQ19 H11
RD26 C11	RE76 J9	RG64 I3	RH57 E7	RJ37 D5	RQ20 I11
RD27 C11	RE77 J9	RG65 I4	RH59 E7	RJ38 D5	RQ21 H11
RD31 C10	RE78 J9	RG66 I3	RH60 E7	RJ39 D5	RQ22 H10
RD32 C9	RE79 K9	RG67 J4	RH61 E7	RJ40 D6	RQ23 H10
RD35 C6	RE80 J8	RG68 J3	RH62 E8	RJ42 E6	RQ24 H11
RD36 C5	RE81 K7	RG69 K4	RH63 E7	RJ43 E6	RQ25 H11
RD41 B7	RE82 J7	RG70 J3	RH64 E8	RJ44 E6	RQ26 H11
RD42 B8	RE83 J7	RG71 J4	RH65 E7	RJ45 D4	RQ27 H11
RD43 B7	RE84 J7	RG72 J4	RH66 E8	RJ46 D4	RQ28 K11
RD44 B6	RE85 J7	RG73 J4	RH67 E8	RJ47 D4	RQ29 K12
RD45 B6	RE86 J7	RG74 K4	RH68 E8	RJ48 D4	RQ30 I12
RD46 B6	RE87 K7	RG75 J4	RH69 E7	RJ49 E4	RQ31 I12
RD47 B6	RE88 J7	RG76 J4	RH70 E9	RJ50 E4	RQ51 K11
RE01 G9	RE89 F9	RG77 J4	RH71 E7	RJ51 D4	RQ52 K11
RE02 G8	RE93 E11	RG78 J4	RH72 E8	RJ52 D4	RQ53 K10
RE03 G9	RE95 H9	RG79 J3	RH73 D7	RJ53 D4	RQ54 K11
RE04 G8	RE96 H9	RG80 K3	RH74 D8	RJ54 D4	RQ55 K10
RE05 F9	RE97 H8	RG81 J6	RH75 D7	RJ55 D4	RQ56 K10
RE06 F8	RE98 H7	RG82 J6	RH76 D8	RJ56 D4	RQ57 K9
RE07 F3	REA1 K8	RG83 K6	RH77 D7	RJ57 E3	RQ58 K9
RE08 F3	REA2 J8	RG84 J6	RH78 D7	RJ59 E3	RTA1 K1
RE09 F3	REC1 F9	RG85 J6	RH79 E7	RJ60 E3	RY30 G2
RE10 F3	REC2 F7	RG86 J5	RH80 E8	RJ61 E3	RY31 G2
RE11 F8	REC3 F5	RG87 J5	RH81 D7	RJ62 E4	RY32 G2
RE12 G6	REC4 F3	RG88 J5	RH82 D8	RJ63 E3	RY33 G2
RE13 G7	REE1 H1	RG89 K5	RH83 D7	RJ64 E4	RY34 H2
RE14 G7	REE2 H1	RG95 H6	RH84 D8	RJ65 E3	RY35 H2
RE15 G7	REE3 I1	RG96 H5	RH86 E8	RJ66 E4	RY36 H2
RE16 F6	REE4 I1	RG97 H4	RH87 E8	RJ67 E3	RY37 H2
RE17 F7	RG01 G6	RG98 H3	RH88 E9	RJ68 E4	RY38 G2
RE22 F7	RG02 G4	RH01 D10	RH91 E10	RJ69 E3	STA1 L1
RE23 H9	RG03 G5	RH02 D11	RH92 E10	RJ70 E4	WD01 H1
RE24 H8	RG04 G5	RH03 D10	RH93 E10	RJ71 E3	
RE25 H9	RG05 F6	RH04 D11	RH94 E10	RJ72 E4	
RE26 H8	RG06 F4	RH05 E10	RH95 E7	RJ73 D3	
RE27 H9	RG11 F5	RH06 E11	RH96 E7	RJ74 D3	
RE28 H8	RG12 G3	RH07 D10	RH97 E8	RJ75 D3	
RE29 H9	RG13 G4	RH08 D11	RH98 E8	RJ76 D3	
RE30 H8	RG14 G3	RH09 D10	RI60 D1	RJ77 D3	
RE31 H9	RG15 G4	RH10 D11	RI61 C1	RJ78 D3	
RE32 H8	RG16 F3	RH11 D10	RI62 D1	RJ79 E3	
RE33 H9	RG17 F4	RH12 D11	RI63 D1	RJ80 E3	
RE34 H9	RG22 F3	RH13 E9	RI65 G10	RJ81 D3	
RE35 H9	RG23 H6	RH15 E9	RI66 E1	RJ82 D3	
RE36 H8	RG24 H5	RH16 E9	RI67 D1	RJ83 D3	
RE37 H9	RG25 H6	RH17 E9	RI68 D1	RJ84 D3	
RE38 H8	RG26 H5	RH18 E11	RI69 C1	RJ86 E4	
RE39 I9	RG27 H6	RH19 E10	RI71 F1	RJ87 E4	
RE40 I8	RG28 H5	RH20 E10	RI72 E1	RJ88 E4	
RE41 I9	RG29 H5	RH21 E9	RJ01 D6	RJ91 E5	
RE42 I8	RG30 H4	RH22 E11	RJ02 D7	RJ92 E5	
RE43 J9	RG31 H6	RH23 E10	RJ03 D6	RJ93 E6	
RE44 J8	RG32 H5	RH24 E10	RJ04 D6	RJ94 E6	
RE45 K9	RG33 H6	RH25 E9	RJ05 E6	RJ95 E3	
RE46 J9	RG34 H5	RH26 E11	RJ06 E7	RJ96 E3	
RE47 H7	RG35 H5	RH27 E10	RJ07 D6	RJ97 E4	
RE48 H7	RG36 H4	RH28 E10	RJ08 D6	RJ98 E4	
RE49 H8	RG37 H6	RH29 D9	RJ09 D6	RM90 H2	
RE50 H7	RG38 H5	RH30 D10	RJ10 D7	RM91 H2	
RE51 H7	RG39 I5	RH31 D9	RJ11 D6	RM92 I2	
RE52 H7	RG40 I5	RH32 D10	RJ12 D6	RM93 E12	
RE53 H7	RG41 I6	RH33 D9	RJ13 E5	RM94 I1	
RE54 H6	RG42 I5	RH34 D10	RJ15 E5	RMC1 G1	
RE55 H7	RG43 J6	RH35 E9	RJ16 E5	RMC2 G1	
RE56 H7	RG44 J5	RH36 E10	RJ17 E5	RMC3 G1	
RE57 H8	RG45 K6	RH37 D9	RJ18 E6	RQ01 F11	
RE58 H7	RG46 J5	RH38 D10	RJ19 E5	RQ02 F11	
RE59 H7	RG47 H4	RH39 D9	RJ20 E6	RQ03 G11	
RE60 H6	RG48 H3	RH40 D10	RJ21 E5	RQ04 J10	
RE61 H7	RG49 H4	RH42 E10	RJ22 E6	RQ05 J10	
RE62 H7	RG50 H3	RH43 E11	RJ23 E5	RQ06 J11	
RE63 I7	RG51 H4	RH44 E11	RJ24 E6	RQ07 J11	
RE64 I6	RG52 H3	RH45 D8	RJ25 E5	RQ08 J11	
RE65 I7	RG53 H3	RH46 D9	RJ26 E6	RQ09 J11	

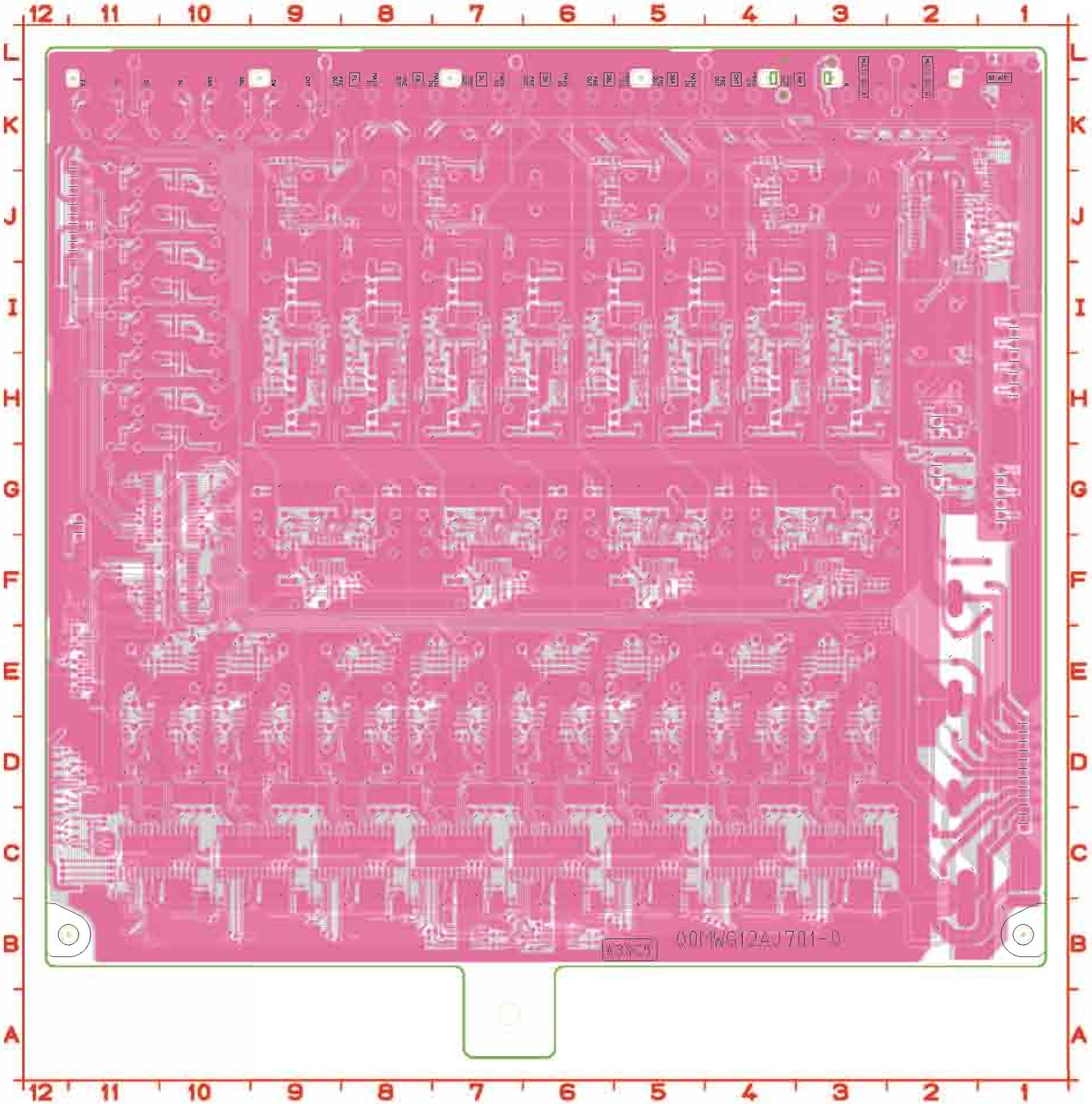
鉛フリー半田

半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。

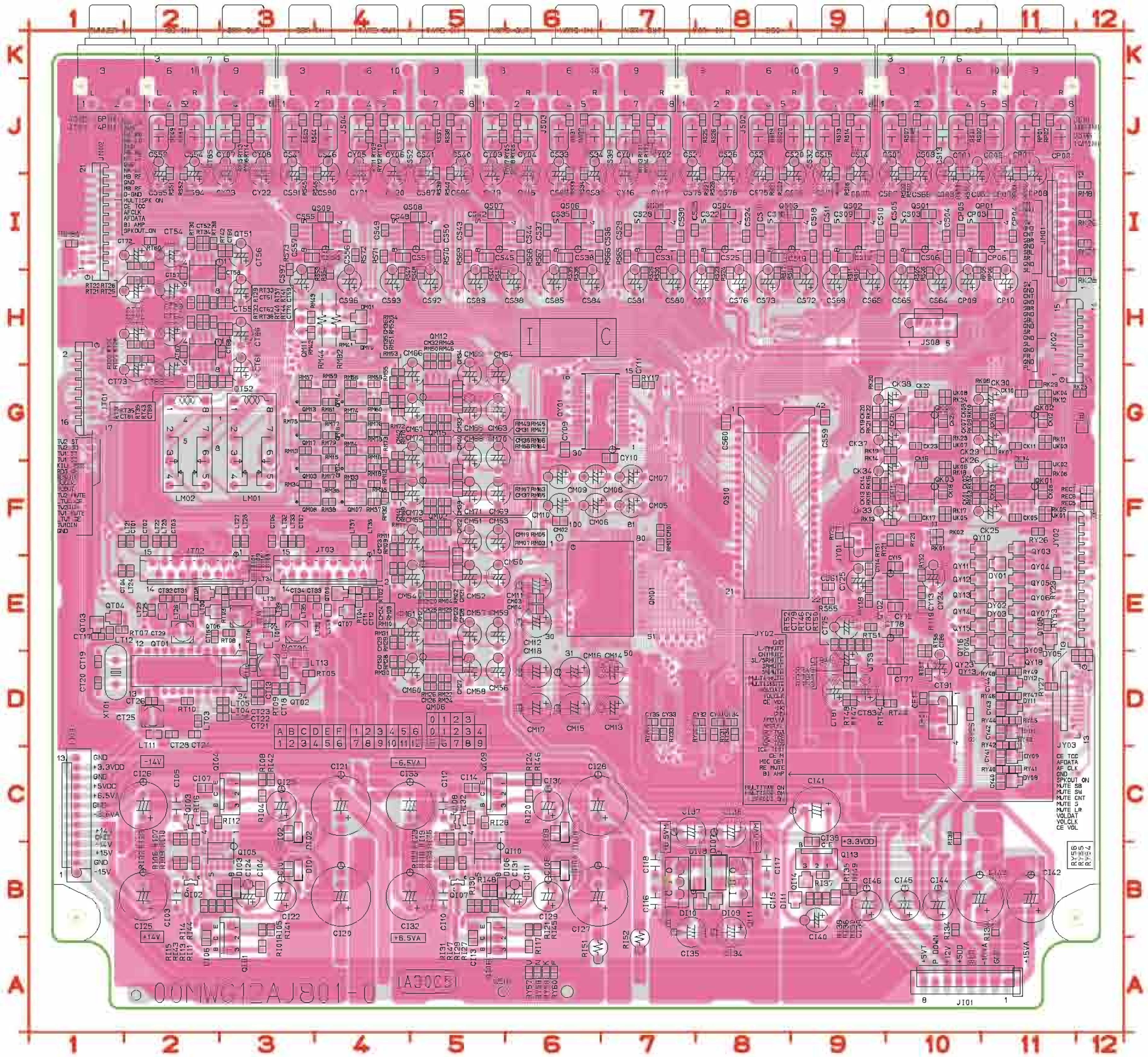
Lead-free Solder

When soldering, use the Lead-free Solder (Sn-Ag-Cu).

PD14B



PD14B



CI01	B3	CM08	F7	CS15	J9	CT02	F2	CY17	I7	LT32	F3	REC7	F12
CI02	C3	CM09	F6	CS16	I9	CT03	F2	CY18	I6	LT33	F3	RI01	A3
CI03	B2	CM10	F6	CS17	I8	CT04	E1	CY19	I5	LT34	E3	RI02	B2
CI04	B3	CM11	E6	CS18	I9	CT05	E3	CY20	I4	LT35	E3	RI03	C2
CI05	C2	CM12	E6	CS19	I8	CT06	F3	CY21	I4	LT36	E4	RI04	C3
CI06	A2	CM13	D7	CS20	J9	CT07	F3	CY22	I3	LT37	F4	RI05	B3
CI07	C2	CM14	D7	CS21	J8	CT08	E3	CY23	I3	LT38	F4	RI06	B2
CI08	B6	CM15	D6	CS22	I8	CT09	E3	CY24	E10	LT39	E3	RI07	C2
CI09	C6	CM16	D6	CS23	I7	CT10	E3	CY25	E9	LT40	E4	RI08	C3
CI10	B5	CM17	D6	CS24	I8	CT11	E4	CY31	D8	QI01	A3	RI09	B2
CI11	B6	CM18	D6	CS25	I8	CT12	E4	CY32	D8	QI02	B2	RI10	C2
CI12	C5	CM19	F5	CS26	J8	CT13	D3	CY33	D7	QI03	C2	RI11	B3
CI13	A5	CM20	E5	CS27	J7	CT14	D3	CY34	D8	QI04	C3	RI12	C2
CI14	C5	CM21	E5	CS28	I7	CT15	E3	CY35	D7	QI05	B3	RI13	B3
CI15	B8	CM22	F5	CS29	I7	CT16	E2	CY40	C11	QI06	A5	RI14	B3
CI16	B7	CM23	F4	CS30	I7	CT17	E1	CY41	C11	QI07	B5	RI15	B2
CI17	B8	CM24	E4	CS31	I7	CT18	D3	CY42	D11	QI08	C5	RI16	C2
CI18	B7	CM25	E5	CS32	J9	CT19	D1	CY43	D11	QI09	C5	RI17	A6
CI20	B4	CM26	D5	CS33	J6	CT20	D1	CY44	D11	QI10	B5	RI18	B5
CI21	C4	CM27	D5	CS34	J6	CT21	D3	DI01	B3	QI11	B8	RI19	C5
CI22	B3	CM28	E5	CS35	I6	CT22	D3	DI02	C3	QI12	B7	RI20	C6
CI23	C3	CM29	E4	CS36	I6	CT23	D3	DI03	B3	QI13	B9	RI21	B6
CI24	B3	CM30	D4	CS37	I6	CT24	D2	DI04	B6	QI14	B9	RI22	B5
CI25	B2	CM31	G5	CS38	I6	CT25	D2	DI05	C6	QK01	F11	RI23	C5
CI26	C2	CM32	H5	CS39	J7	CT26	D2	DI06	B5	QK02	G11	RI24	C6
CI27	B6	CM33	G5	CS40	J5	CT28	D2	DI07	B8	QK03	F10	RI25	B5
CI28	C6	CM34	G5	CS41	J5	CT29	E2	DI08	B8	QK04	G10	RI26	C5
CI29	B6	CM35	G4	CS42	I5	CT30	E3	DI09	B8	QM01	E7	RI27	B5
CI30	C6	CM36	G4	CS43	I5	CT31	E2	DI10	B8	QM02	E5	RI28	C5
CI31	B6	CM37	F5	CS44	I6	CT32	E2	DI11	B9	QM03	F3	RI29	B5
CI32	B5	CM38	G5	CS45	I5	CT33	E3	DM01	H4	QM04	F4	RI30	B5
CI33	C5	CM39	F5	CS46	J4	CT34	E3	DY01	E11	QM06	D5	RI31	B5
CI34	B8	CM40	F5	CS47	J3	CT51	H2	DY02	E11	QM07	F4	RI32	C5
CI35	B8	CM41	F4	CS48	I5	CT52	I2	DY03	E11	QM08	F3	RI33	B11
CI36	C8	CM42	F4	CS49	I4	CT53	H2	DY04	E11	QM10	H4	RI34	B10
CI37	C8	CM50	E5	CS50	I5	CT54	I2	DY05	E11	QM11	H3	RI35	B9
CI38	B9	CM51	F5	CS51	I4	CT55	H3	DY08	C11	QM12	G5	RI36	B9
CI39	C9	CM52	E5	CS52	J5	CT56	I3	DY09	C11	QM13	G3	RI37	B9
CI40	B9	CM53	F5	CS53	J2	CT57	H2	DY10	D11	QM14	G4	RI38	B9
CI41	C9	CM54	E5	CS54	J2	CT58	H3	DY11	D11	QM15	F5	RI39	C10
CI42	B11	CM55	F5	CS55	I4	CT59	H3	DY12	D11	QM16	G4	RI41	B3
CI43	B10	CM56	D5	CS56	I4	CT60	I3	DY13	D11	QM17	G3	RI42	C3
CI44	B10	CM57	E5	CS57	I3	CT61	G2	JI01	A11	QP01	I11	RI43	B2
CI45	B10	CM58	D5	CS58	I3	CT62	H2	JI02	B1	QS01	I10	RI44	B3
CI46	B9	CM59	E5	CS59	G9	CT63	G2	JK02	H11	QS02	I9	RI45	B6
CK01	F10	CM60	D5	CS60	G8	CT64	H2	JM01	H11	QS03	I8	RI46	C6
CK02	F10	CM61	E5	CS61	E9	CT65	G3	JM02	I1	QS04	I8	RI47	B5
CK03	F11	CM62	G5	CS62	I10	CT66	H3	JP01	D10	QS05	I7	RI48	B5
CK04	F11	CM63	G5	CS63	I10	CT67	H2	JS01	K10	QS06	I6	RI49	B9
CK05	F11	CM64	G5	CS64	H10	CT68	H3	JS02	K8	QS07	I5	RI50	B9
CK06	F11	CM65	G5	CS65	H10	CT69	G3	JS03	K6	QS08	I5	RI51	A6
CK07	G10	CM66	G5	CS66	I10	CT70	H3	JS04	K4	QS09	I4	RI52	A7
CK08	G10	CM67	G5	CS67	I10	CT71	H2	JS05	K2	QS10	G8	RK01	F10
CK09	G11	CM68	F5	CS68	H9	CT72	I2	JS06	K10	QT01	E3	RK02	F10
CK10	G11	CM69	F5	CS69	H9	CT73	G2	JS07	K2	QT02	D3	RK03	F11
CK11	G11	CM70	F5	CS70	I9	CT74	H2	JS08	H10	QT03	E1	RK04	F11
CK12	G11	CM71	F5	CS71	I9	CT75	E9	JT01	G1	QT04	E1	RK05	F11
CK13	F9	CM72	F5	CS72	H9	CT77	D10	JT02	E3	QT06	E2	RK06	F11
CK14	F9	CM73	F5	CS73	H8	CT78	E10	JT03	E4	QT07	E4	RK07	G11
CK15	F10	CP01	J11	CS74	I9	CT79	E9	JY01	F9	QT08	E2	RK08	G11
CK16	F10	CP02	J11	CS75	I8	CT80	D9	JY02	E12	QT09	E4	RK09	G11
CK17	F10	CP03	I11	CS76	H8	CT81	D9	JY03	D11	QT51	H2	RK10	G11
CK18	F10	CP04	I11	CS77	H8	CT82	E9	LM01	G3	QT52	H2	RK11	G11
CK19	G9	CP05	I10	CS78	I8	CT83	D9	LM02	G2	QT53	E10	RK12	G11
CK20	G9	CP06	I10	CS79	I7	CT84	D9	LT01	E3	QY01	G7	RK13	F10
CK21	G10	CP07	I11	CS80	H7	CT85	J2	LT02	D3	QY02	E10	RK14	G10
CK22	G10	CP08	I11	CS81	H7	CT86	E10	LT03	D2	QY03	F11	RK15	F9
CK23	G10	CP09	H10	CS82	I6	CT91	D10	LT04	D3	QY04	E11	RK16	F9
CK24	G10	CP10	H11	CS83	I6	CY01	J7	LT05	D3	QY05	E11	RK17	F10
CK25	F11	CP17	D10	CS84	H6	CY02	J7	LT06	D3	QY06	E11	RK18	F10
CK26	F11	CS01	J10	CS85	H6	CY03	J5	LT11	D2	QY07	E11	RK19	G10
CK29	G11	CS02	J11	CS86	I5	CY04	J6	LT12	E1	QY08	E11	RK20	G9
CK30	G11	CS03	I10	CS87	I5	CY05	J4	LT13	D3	QY09	E11	RK21	G9
CK33	F10	CS04	I10	CS88	H6	CY06	J4	LT21	F1	QY10	F10	RK22	G9
CK34	F10	CS05	I10	CS89	H5	CY07	J3	LT22	F2	QY11	E10	RK23	G10
CK37	G10	CS06	I10	CS90	I4	CY08	J3	LT23	F2	QY12	E10	RK24	G10
CK38	G10	CS07	J10	CS91	I3	CY09	G6	LT24	E2	QY13	E10	RK25	G12
CM01	F7	CS08	J10	CS92	H5	CY10	G7	LT25	E2	QY14	E10	RK26	I12
CM02	F6	CS09	I9	CS93	H4	CY11	G7	LT26	E2	QY15	E10	RK27	I12
CM03	E6	CS10	I9	CS94	I2	CY12	E10	LT27	F3	QY16	E10	RK28	H12
CM04	E6	CS11	I9	CS95	I2	CY13	E10	LT28	F3	QY18	D11	RK29	G11
CM05	F7	CS12	I9	CS96	H4	CY14	E9	LT29	E2	QY23	D10	RM01	F7
CM06	F7	CS13	J10	CS97	H3	CY15	E10	LT30	E2	REC5	F12	RM02	E5
CM07	F7	CS14	J9	CT01	F2	CY16	I7	LT31	E3	REC6	F12	RM03	F5

鉛フリー半田

半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。

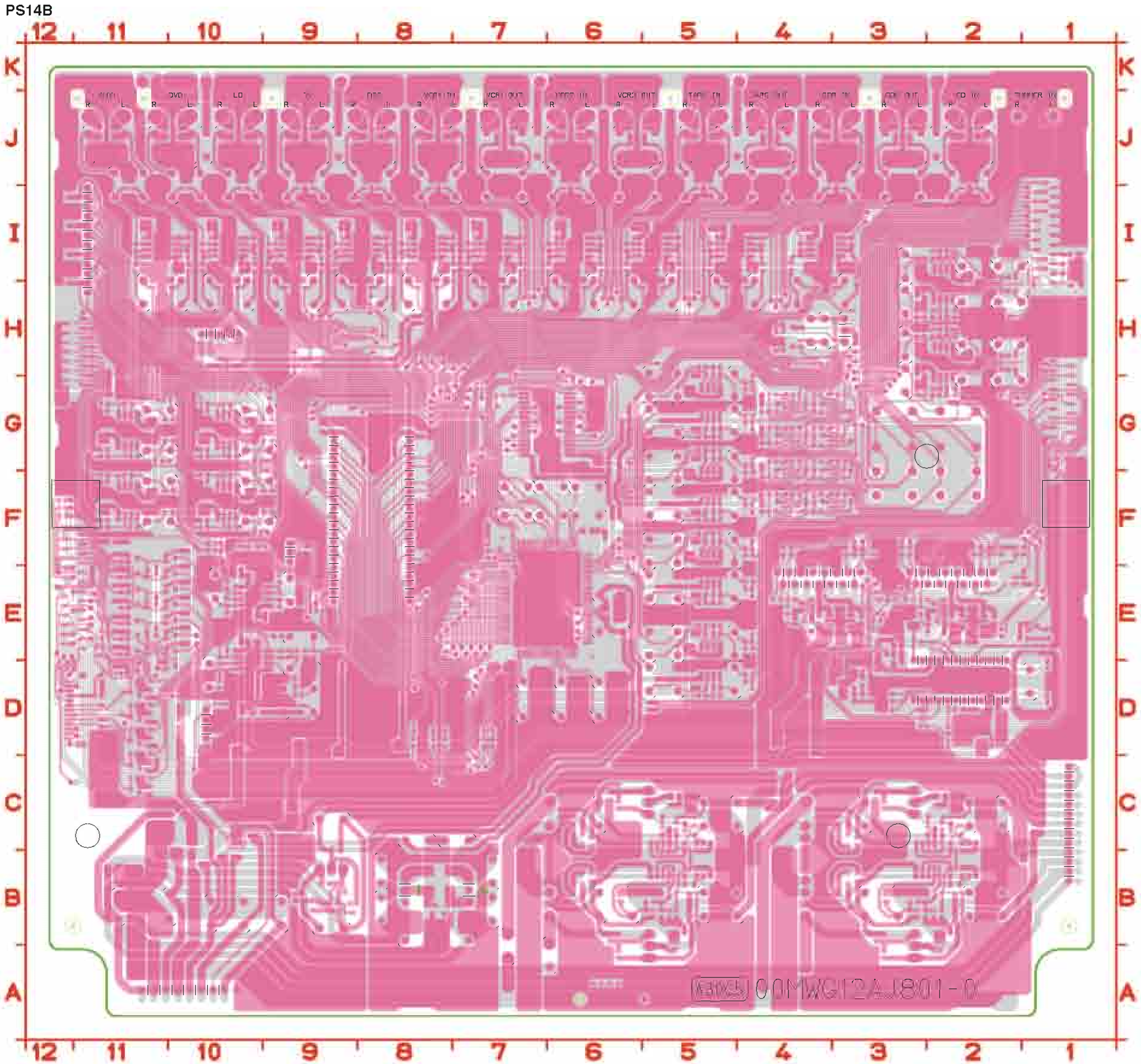
Lead-free Solder

When soldering, use the Lead-free Solder (Sn-Ag-Cu).

RM04	E5	RS04	J10	RT25	H2	UK01	F11
RM05	F5	RS05	H10	RT26	I2	UK02	F11
RM06	E5	RS06	H10	RT27	H2	UK03	G11
RM07	F5	RS07	J10	RT28	H2	UK04	G11
RM08	E4	RS08	J10	RT29	H2	UK05	F10
RM09	F4	RS09	J10	RT30	I2	UK06	F10
RM10	E4	RS10	J10	RT31	G2	UK07	G10
RM11	F4	RS11	H9	RT32	H2	UK08	G10
RM12	F4	RS12	H9	RT33	H2	WS01	A5
RM13	G3	RS13	J9	RT34	I2	XT01	D1
RM14	G4	RS14	J9	RT35	G2		
RM15	G4	RS15	J9	RT36	H2		
RM16	G4	RS16	J9	RT37	H2		
RM17	F4	RS17	H8	RT38	I2		
RM18	F4	RS18	H9	RT39	G2		
RM22	D5	RS19	J8	RT40	H2		
RM23	E5	RS20	J8	RT41	H3		
RM24	D5	RS21	J8	RT42	I3		
RM25	E5	RS22	J8	RT43	G3		
RM26	D5	RS23	H8	RT44	H3		
RM27	E5	RS24	H8	RT45	D9		
RM28	D4	RS25	J8	RT46	E9		
RM29	E4	RS26	J8	RT47	D9		
RM30	D4	RS27	J8	RT48	D9		
RM31	E4	RS28	J8	RT49	D10		
RM32	F4	RS29	H7	RT50	E9		
RM33	F4	RS30	H7	RT51	E9		
RM34	F3	RS31	J6	RT52	E9		
RM35	F4	RS32	J6	RT53	D9		
RM36	F4	RS33	J6	RT54	D9		
RM37	F4	RS34	J6	RT55	D10		
RM38	F4	RS35	H6	RT56	E10		
RM41	H4	RS36	H6	RT60	I2		
RM42	H3	RS37	J5	RY01	J7		
RM43	H3	RS38	J5	RY02	J7		
RM44	H4	RS39	J5	RY03	J7		
RM45	G5	RS40	J5	RY04	J7		
RM46	H5	RS41	H5	RY05	J5		
RM47	G5	RS42	H5	RY06	J6		
RM48	H5	RS43	J3	RY07	J5		
RM49	G5	RS44	J4	RY08	J6		
RM50	H5	RS45	J3	RY09	J4		
RM51	G4	RS46	J4	RY10	J4		
RM52	G4	RS47	H4	RY11	J4		
RM53	G4	RS48	H5	RY12	J4		
RM54	G4	RS49	J2	RY13	J3		
RM55	G4	RS50	J2	RY14	J3		
RM56	G4	RS51	J2	RY15	J3		
RM57	G3	RS52	J2	RY16	J3		
RM58	G4	RS53	H3	RY17	G7		
RM59	G4	RS54	H4	RY18	E9		
RM60	G4	RS55	E9	RY19	E10		
RM61	G4	RS56	I10	RY20	F10		
RM63	F5	RS57	I10	RY21	F10		
RM64	G5	RS58	I9	RY22	F9		
RM65	F5	RS59	I9	RY23	E11		
RM66	G5	RS60	I9	RY25	D10		
RM67	F5	RS61	I8	RY26	F11		
RM68	G5	RS62	I8	RY27	D11		
RM69	F4	RS63	I7	RY31	D8		
RM70	F4	RS64	I7	RY32	D8		
RM71	F4	RS65	I7	RY33	D7		
RM72	G4	RS66	I6	RY34	D8		
RM73	G4	RS67	I6	RY35	D7		
RM74	G4	RS68	I6	RY40	C11		
RM75	G3	RS69	I5	RY41	C11		
RM76	G4	RS70	I5	RY42	D11		
RM77	G4	RS71	I4	RY43	D11		
RM78	G4	RS72	I4	RY44	D11		
RM79	G4	RS73	I3	RY45	D11		
RM80	I1	RT01	E3	RY46	D11		
RM81	I12	RT02	E4	RY47	D11		
RM82	H4	RT03	E3	RY48	D11		
RP01	J11	RT04	E4	RY49	D11		
RP02	J11	RT05	D3	RY51	E9		
RP03	J11	RT06	E3	RY52	E10		
RP04	J11	RT07	E1	RY53	E11		
RP05	H10	RT08	E3	RY54	D12		
RP06	H11	RT09	D3	RY55	D12		
RP07	I10	RT10	D2	RY56	D11		
RP08	I11	RT21	H2	RY57	A6		
RS01	J10	RT22	I2	RY58	A6		
RS02	J11	RT23	H2	RY59	A6		
RS03	J10	RT24	H2	RY60	A6		

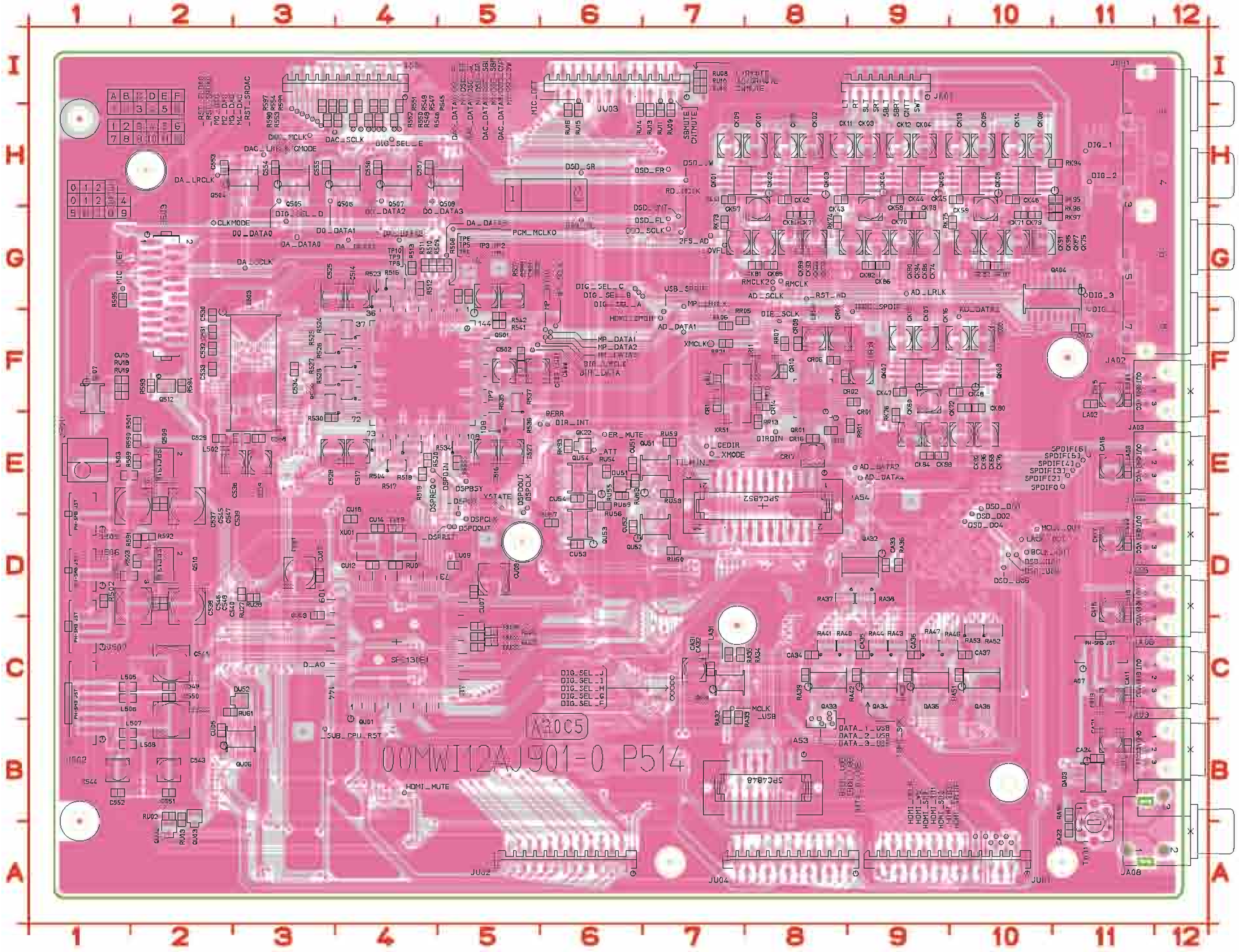
鉛フリー半田
半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。

Lead-free Solder
When soldering, use the Lead-free Solder (Sn-Ag-Cu).



C502	F5	CA19	C11	CK76	E10	DU51	E6	QA35	C9	R546	H4	RR01	E9
C505	F5	CA21	B11	CK77	G8	DU52	C3	QA36	C10	R547	H4	RR05	F7
C506	F5	CA22	A11	CK78	G9	J501	E1	QK01	H7	R548	H4	RR06	F7
C514	G4	CA23	F11	CK79	G10	J502	C1	QK02	H8	R549	H4	RR07	F8
C515	G5	CA24	B11	CK80	F10	J503	G2	QK03	H9	R550	H4	RR10	F8
C516	E5	CA31	C7	CK81	G8	J504	I4	QK04	H9	R551	H4	RR13	E8
C517	E4	CA32	C7	CK82	G9	J505	E1	QK05	H10	R552	H4	RR17	E8
C525	G3	CA33	D9	CK83	G10	J506	D1	QK06	H10	R553	H4	RR21	F7
C526	G5	CA34	C8	CK84	E9	J507	C1	QK07	F9	R554	H3	RU02	B2
C527	E5	CA35	C9	CK85	G8	JA01	G12	QK08	F10	R555	E5	RU03	B2
C528	E3	CA36	C9	CK86	G9	JA02	F12	QK22	E6	R556	G5	RU07	D4
C529	E2	CA37	C10	CK87	G10	JA03	E12	QR01	F8	R557	G5	RU08	I7
C530	F2	CK01	H8	CK88	E9	JA04	D12	QU01	C4	R589	E2	RU09	H7
C531	F2	CK02	H8	CK89	G7	JA05	D12	QU02	A2	R590	E2	RU10	I7
C532	F2	CK03	H9	CK90	G9	JA06	C12	QU03	B2	R591	D2	RU11	H7
C533	F2	CK04	H9	CK91	G10	JA07	C11	QU06	B3	R592	D2	RU12	I7
C534	F3	CK05	H10	CK92	E9	JA08	A12	QU07	F1	R593	F2	RU13	H7
C536	E3	CK06	H10	CK93	G8	JA09	B12	QU51	E7	R594	F2	RU14	H6
C537	E2	CK07	F9	CK94	G9	JA53	B8	QU52	D7	R595	G1	RU15	H6
C538	D2	CK08	F10	CK95	G10	JA54	E8	QU53	D6	R597	H3	RU16	H6
C539	E2	CK09	H7	CK96	E9	JK01	I9	QU54	E6	R598	H3	RU18	F1
C540	D2	CK10	H8	CR01	F9	JU01	A9	R501	E2	R599	H4	RU19	F1
C541	C2	CK11	H8	CR02	F8	JU02	A6	R502	D1	RA18	B11	RU22	C5
C542	B2	CK12	H9	CR03	F9	JU03	I6	R503	D2	RA32	C7	RU23	C5
C543	B2	CK13	H10	CR06	F8	JU04	A8	R504	E4	RA33	C7	RU24	C5
C544	B1	CK14	H10	CR07	F8	L501	F5	R508	G5	RA34	C7	RU25	C5
C545	E2	CK15	F9	CR08	F8	L502	E3	R509	G5	RA35	C7	RU26	C5
C546	D2	CK16	F10	CR09	F8	L503	E1	R510	G4	RA36	D9	RU27	D3
C547	E2	CK41	H7	CR10	F8	L504	D1	R511	G4	RA37	D8	RU28	D3
C548	D2	CK42	H8	CR11	F8	L505	C1	R512	G4	RA38	D9	RU54	E6
C549	C2	CK43	H8	CR12	F7	L506	C1	R513	G4	RA39	C8	RU55	E6
C550	C2	CK44	H9	CR13	F7	L507	B1	R516	G4	RA40	C8	RU56	E6
C551	B2	CK45	H10	CR14	F8	L508	B1	R517	E4	RA41	C8	RU57	D6
C552	B1	CK46	H10	CR16	E8	LA02	F11	R518	E4	RA42	C9	RU58	E7
C553	H2	CK47	F9	CR17	E8	LA31	C7	R519	E4	RA43	C9	RU59	E7
C554	H3	CK48	F10	CU01	D3	Q501	F4	R520	E4	RA44	C9	RU60	D7
C555	H3	CK57	G8	CU02	D3	Q503	F3	R523	G4	RA45	C9	RU61	C2
C556	H4	CK58	G9	CU03	D3	Q504	H3	R524	F4	RA46	C9	RU63	E6
C557	H4	CK59	G10	CU05	B2	Q505	H3	R525	F3	RA47	C9	RU69	E6
C558	E3	CK60	F9	CU07	D5	Q506	H4	R526	F4	RA51	C10	TA01	A11
C559	E3	CK65	G8	CU08	D5	Q507	H4	R527	F3	RA52	C10	XR51	F7
CA07	F11	CK66	G9	CU09	D5	Q508	H5	R528	F4	RA53	C10	XU01	D4
CA08	E11	CK67	G10	CU12	D4	Q509	E2	R529	F3	RK73	G7		
CA09	D11	CK68	E10	CU13	D4	Q510	D2	R530	E3	RK74	G8		
CA10	D11	CK69	G8	CU14	D4	Q512	F2	R534	E5	RK75	G10		
CA11	C11	CK70	G9	CU15	F1	QA03	B11	R535	E5	RK76	E9		
CA14	B11	CK71	G10	CU16	D4	QA04	G11	R536	E5	RK93	E6		
CA15	F11	CK72	F10	CU51	E6	QA31	C7	R537	F5	RK94	H11		
CA16	E11	CK73	G8	CU52	D6	QA32	D9	R541	F5	RK95	H11		
CA17	D11	CK74	G9	CU53	D6	QA33	C8	R542	F5	RK96	G11		
CA18	D11	CK75	G10	CU54	E6	QA34	C9	R545	H4	RK97	G11		

P514A



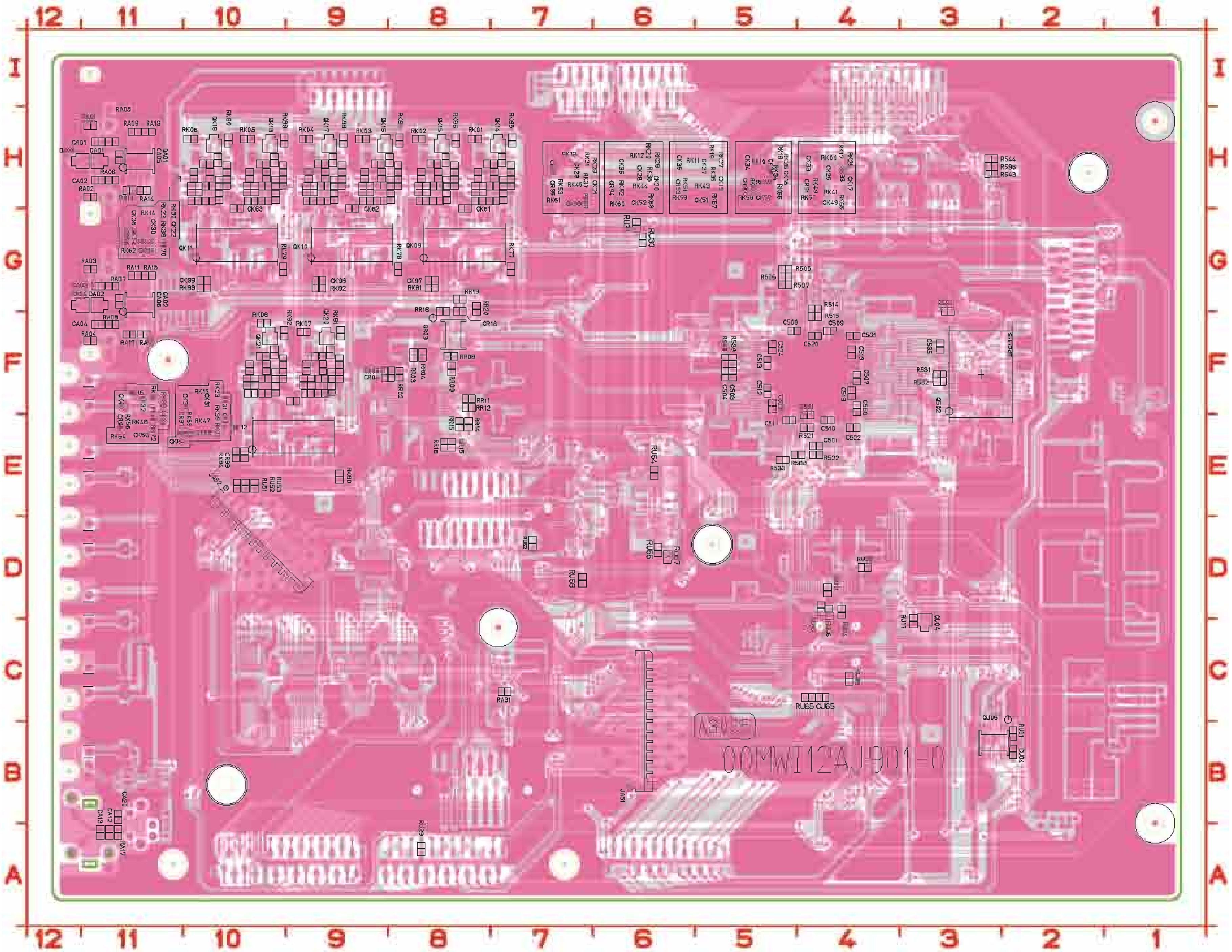
鉛フリー半田

半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。

Lead-free Solder

When soldering, use the Lead-free Solder (Sn-Ag-Cu).

P514B

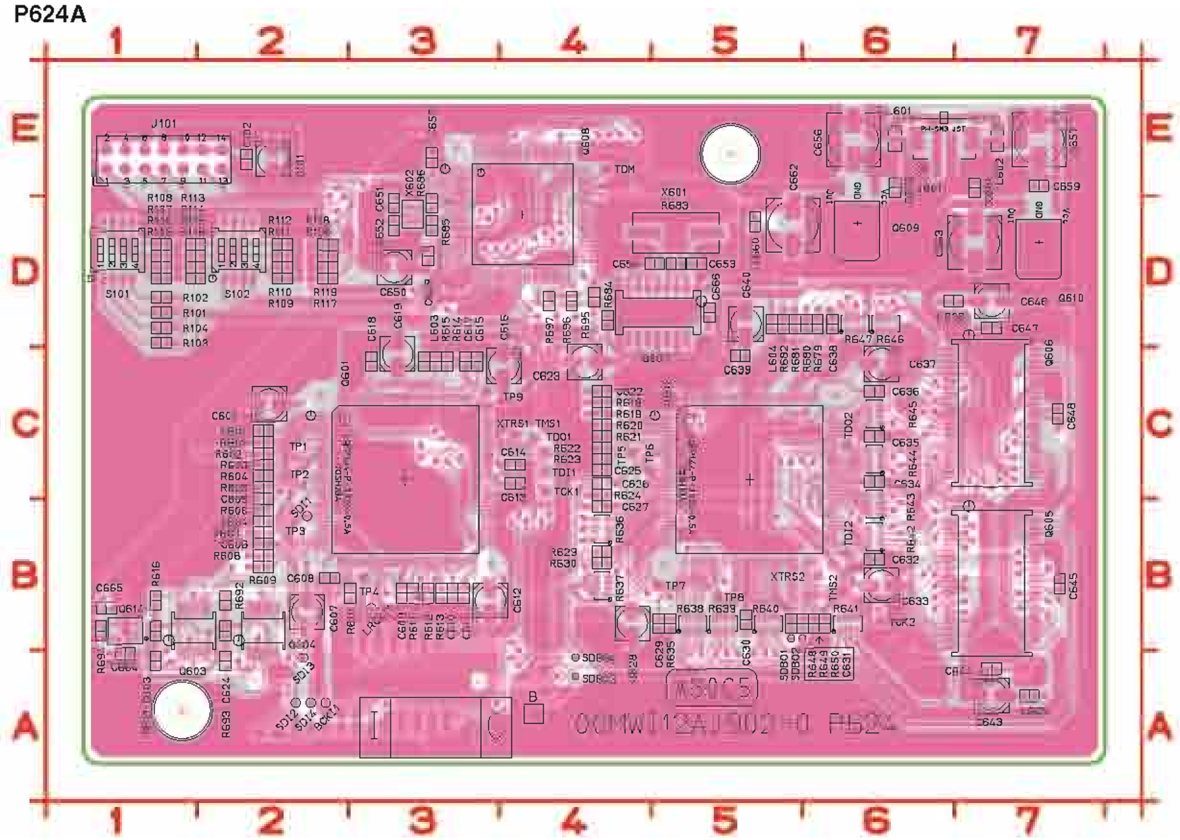


C501	E4	CR05	F9	EX15	D10	EX25	A6	EX6	I9	RA02	H11	RK53	H10
C503	F5	CR15	E8	EX15	D10	EX25	A6	EX60	H3	RA03	G11	RK54	H10
C504	F5	CR18	G8	EX15	D9	EX25	A6	EX61	H3	RA04	F11	RK55	F9
C507	F4	CR91	H8	EX15	D10	EX25	A6	EX62	H3	RA05	H11	RK56	F10
C508	F5	CR92	H8	EX15	D9	EX25	A6	EX66	E1	RA06	H11	RK57	H8
C509	F4	CR93	H9	EX15	D10	EX25	A6	EX67	E1	RA07	G11	RK58	H8
C510	E4	CR94	H9	EX15	D9	EX25	A6	EX7	I9	RA08	F11	RK59	H9
C511	E5	CR95	H10	EX16	G2	EX25	A5	EX71	1	RA09	H11	RK60	H9
C512	F5	CR96	H10	EX16	D10	EX25	A5	EX72	B1	RA10	H11	RK61	H10
C513	F5	CR97	F9	EX16	D9	EX26	F2	EX73	C1	RA11	G11	RK62	H10
C518	F4	CR98	F10	EX16	D10	EX26	A5	EX74	C1	RA12	F11	RK63	F9
C519	F4	CR99	E10	EX17	G2	EX26	A5	EX75	C1	RA13	H11	RK64	F10
C520	F4	CU04	B2	EX17	B6	EX26	A5	EX8	I9	RA14	H11	RK65	H7
C521	F4	CU06	C4	EX17	B6	EX26	A5	EX81	A10	RA15	G11	RK66	H8
C522	E4	CU10	D4	EX17	B6	EX27	F2	EX82	A10	RA16	F11	RK67	H8
C523	F5	CU11	D4	EX17	B6	EX27	I7	EX83	A10	RA17	A11	RK68	H9
C524	F5	CU65	C4	EX17	B6	EX27	I7	EX84	A10	RA31	C7	RK69	H10
C535	F3	DA01	H11	EX17	B6	EX27	I7	EX85	A10	RK01	H8	RK70	H10
C560	F4	DA02	G11	EX17	B6	EX27	I7	EX86	A10	RK02	H8	RK71	F9
C561	E4	DA03	H12	EX18	G2	EX27	H7	EX87	A10	RK03	H9	RK72	F10
CA01	H11	DA04	G12	EX18	B6	EX27	I7	EX88	A10	RK04	H9	RK77	G7
CA02	H11	DSD_	B7	EX18	B6	EX27	I7	EX89	A10	RK05	H10	RK78	G8
CA03	G11	EX1	I9	EX18	C6	EX27	I7	EX9	I9	RK06	H10	RK79	G10
CA04	F11	EX10	A9	EX18	C6	EX27	H6	EX90	A10	RK07	F9	RK80	E9
CA05	H11	EX10	A9	EX18	C6	EX28	F2	EX92	A10	RK08	F10	RK81	G8
CA06	G11	EX10	A9	EX19	G2	EX28	I6	EX93	A10	RK09	H8	RK82	G9
CA12	A11	EX10	A9	EX19	C6	EX28	I6	EX94	A10	RK10	H8	RK83	G10
CA13	A11	EX10	A9	EX19	C6	EX28	I6	EX96	A9	RK11	H9	RK84	E10
CA20	B11	EX10	A9	EX19	C6	EX28	I6	EX97	A9	RK12	H9	RK85	H7
CK17	H7	EX10	A9	EX2	I9	EX28	I6	EX98	A9	RK13	H10	RK86	H8
CK18	H8	EX10	A9	EX20	G2	EX28	H6	EX99	A9	RK14	H10	RK87	H8
CK19	H8	EX10	A9	EX20	E8	EX28	I6	JA51	C6	RK15	F9	RK88	H9
CK20	H9	EX10	A9	EX20	D8	EX28	I6	JA52	D10	RK16	F10	RK89	H10
CK21	H10	EX11	G2	EX20	D8	EX29	F2	Q502	F3	RK17	H7	RK90	H10
CK22	H10	EX11	A9	EX20	D8	EX29	I6	QA01	H11	RK18	H8	RK91	F9
CK23	F9	EX11	A9	EX20	E8	EX29	H6	QA02	G11	RK19	H8	RK92	F10
CK24	F10	EX11	A8	EX20	D8	EX29	I6	QK09	G8	RK20	H9	RR02	F8
CK25	H7	EX11	A8	EX20	E8	EX29	I6	QK10	G9	RK21	H10	RR03	F8
CK26	H8	EX11	A8	EX21	G2	EX29	I6	QK11	G10	RK22	H10	RR04	F8
CK27	H9	EX11	A8	EX21	D8	EX29	I6	QK12	E9	RK23	F9	RR08	F8
CK28	H9	EX11	A8	EX21	E8	EX29	I6	QK14	H7	RK24	F10	RR09	F8
CK29	H10	EX11	A8	EX21	D8	EX3	I9	QK15	H8	RK25	H7	RR11	F8
CK30	H10	EX12	G2	EX21	D8	EX30	C11	QK16	H9	RK26	H8	RR12	F8
CK31	F9	EX12	A8	EX21	E8	EX30	C12	QK17	H9	RK27	H8	RR14	E8
CK32	F10	EX12	A8	EX21	D7	EX30	F11	QK18	H10	RK28	H9	RR15	E8
CK33	H8	EX12	A8	EX21	E7	EX30	G11	QK19	H10	RK29	H10	RR16	E8
CK34	H8	EX12	A8	EX21	D7	EX31	H11	QK20	F9	RK30	H10	RR18	G8
CK35	H9	EX12	A8	EX21	E7	EX31	G11	QK21	F10	RK31	F9	RR19	G8
CK36	H9	EX12	A8	EX22	B8	EX31	B11	QR03	F8	RK32	F10	RR20	G8
CK37	H10	EX12	A8	EX22	B8	EX31	A11	QU04	C3	RK33	H7	RU01	B2
CK38	H10	EX12	A8	EX22	B8	EX32	F2	QU05	B3	RK34	H8	RU04	D4
CK39	F9	EX12	A8	EX22	B8	EX4	I9	R505	G5	RK35	H8	RU05	D4
CK40	F10	EX12	A8	EX22	B8	EX41	I4	R506	G5	RK36	H9	RU06	D4
CK49	H7	EX13	G2	EX22	B8	EX42	I4	R507	G5	RK37	H10	RU17	C3
CK50	H8	EX13	A8	EX22	B8	EX43	I4	R514	G4	RK38	H10	RU29	A8
CK51	H9	EX13	A7	EX23	G2	EX44	I4	R515	F4	RK39	F9	RU30	G6
CK52	H9	EX13	A7	EX23	B8	EX45	I4	R521	E4	RK40	F10	RU31	G6
CK53	H10	EX13	H6	EX23	B8	EX46	I4	R522	E4	RK41	H7	RU51	E10
CK54	H10	EX14	G2	EX23	B7	EX47	I4	R531	F3	RK42	H8	RU52	E10
CK55	F9	EX14	E10	EX24	G2	EX49	I4	R532	F3	RK43	H9	RU53	E10
CK56	F10	EX14	D10	EX24	A6	EX5	I9	R533	E5	RK44	H9	RU62	D7
CK61	H8	EX14	D10	EX24	A6	EX50	I4	R539	F5	RK45	H10	RU64	E6
CK62	H9	EX14	D10	EX24	A6	EX52	I3	R540	F5	RK46	H10	RU65	C4
CK63	H10	EX14	E10	EX24	A6	EX53	I4	R543	H3	RK47	F9	RU66	D6
CK64	F9	EX14	D10	EX24	A6	EX54	I3	R544	H3	RK48	F10	RU67	D6
CK97	G8	EX14	E10	EX24	A6	EX56	I3	R587	G3	RK49	H8	RU68	D7
CK98	G9	EX15	D10	EX24	A6	EX57	H3	R588	E4	RK50	H8		
CK99	G10	EX15	E10	EX24	A6	EX58	H3	R596	H3	RK51	H9		
CR04	F9	EX15	D10	EX25	F2	EX59	H3	RA01	H11	RK52	H9		

鉛フリー半田
半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。

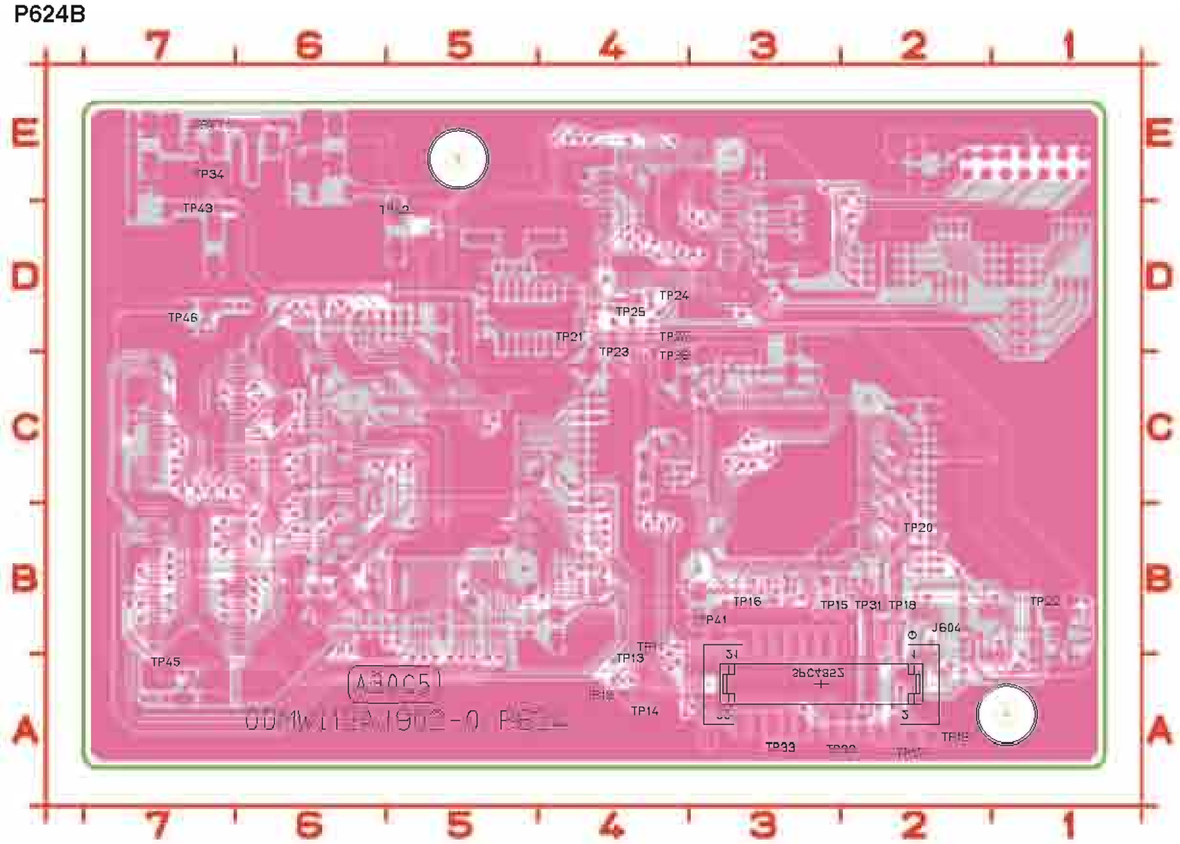
Lead-free Solder
When soldering, use the Lead-free Solder (Sn-Ag-Cu).

P624A



C101	E2	C638	D6	Q603	B1	R609	B2	R682	D5
C102	E2	C639	C5	Q604	B2	R610	B3	R683	D5
C601	C2	C640	D5	Q605	B7	R611	B3	R684	D4
C602	C2	C643	A7	Q606	C7	R612	B3	R685	D3
C603	B1	C644	A7	Q607	D5	R613	B3	R686	D3
C604	B2	C645	B7	Q608	D4	R614	C3	R692	B2
C605	C2	C646	D7	Q609	D6	R615	C3	R693	A2
C606	B2	C647	D7	Q610	D7	R616	B1	R694	B1
C607	B2	C648	C7	Q614	B1	R617	A1	R695	D4
C608	B2	C649	D3	R101	D1	R618	C4	R696	D4
C609	B3	C650	D3	R102	D1	R619	C4	R697	D4
C610	B3	C651	D3	R103	D1	R620	C4	S101	D1
C611	B3	C652	D3	R104	D1	R621	C4	S102	D2
C612	B3	C653	D5	R105	D1	R622	C4	TCK1	C4
C613	C4	C654	D5	R106	D1	R623	C4	TCK2	B6
C614	C4	C655	E3	R107	D1	R624	C4	TDI1	C4
C615	C3	C656	E6	R108	D1	R629	B4	TDI2	B6
C616	C4	C657	E7	R109	D2	R630	B4	TDM	E4
C617	C3	C658	E6	R110	D2	R635	B5	TDO1	C4
C618	C3	C659	E7	R111	D2	R636	B4	TDO2	C6
C619	C3	C660	D5	R112	D2	R637	B4	TMS1	C4
C622	C4	C661	E7	R113	D1	R638	B5	TMS2	B6
C623	C4	C662	D5	R114	D1	R639	B5	X601	D5
C624	B2	C663	D7	R115	D1	R640	B5	X602	D3
C625	C4	C664	A1	R116	D1	R641	B6	XTRS	C4
C626	C4	C665	B1	R117	D2	R642	B6	XTRS	B6
C627	B4	C666	D5	R118	D2	R643	B6		
C628	B4	J101	E1	R119	D2	R644	C6		
C629	B5	J601	E6	R120	D2	R645	C6		
C630	B5	L601	E6	R601	C2	R646	D6		
C631	B6	L602	E7	R602	C2	R647	D6		
C632	B6	L603	C3	R603	C2	R648	B5		
C633	B6	L604	D5	R604	C2	R649	B6		
C634	C6	L605	A7	R605	C2	R650	B6		
C635	C6	L606	D7	R606	B2	R679	D6		
C636	C6	Q601	C3	R607	B2	R680	D6		
C637	C6	Q602	C5	R608	B2	R681	D5		

P624B



J604 A3

P624A,P624B

鉛フリー半田

半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。

Lead-free Solder

When soldering, use the Lead-free Solder (Sn-Ag-Cu).

About Q701, QX10 and QX11 :

As for Q701, QX10 and QX11, the center of IC is soldering on the PWB.
When you repair Q701, QX10 and QX11, these parts exchange is impossible.
When you exchange these parts, please exchange by the following PCB ASSY.

Q701 is exchanged by PART NO.**88M12AJ610101** (P714 : TI DSP PWB ASSY).

Q701, QX10, QX11 について :

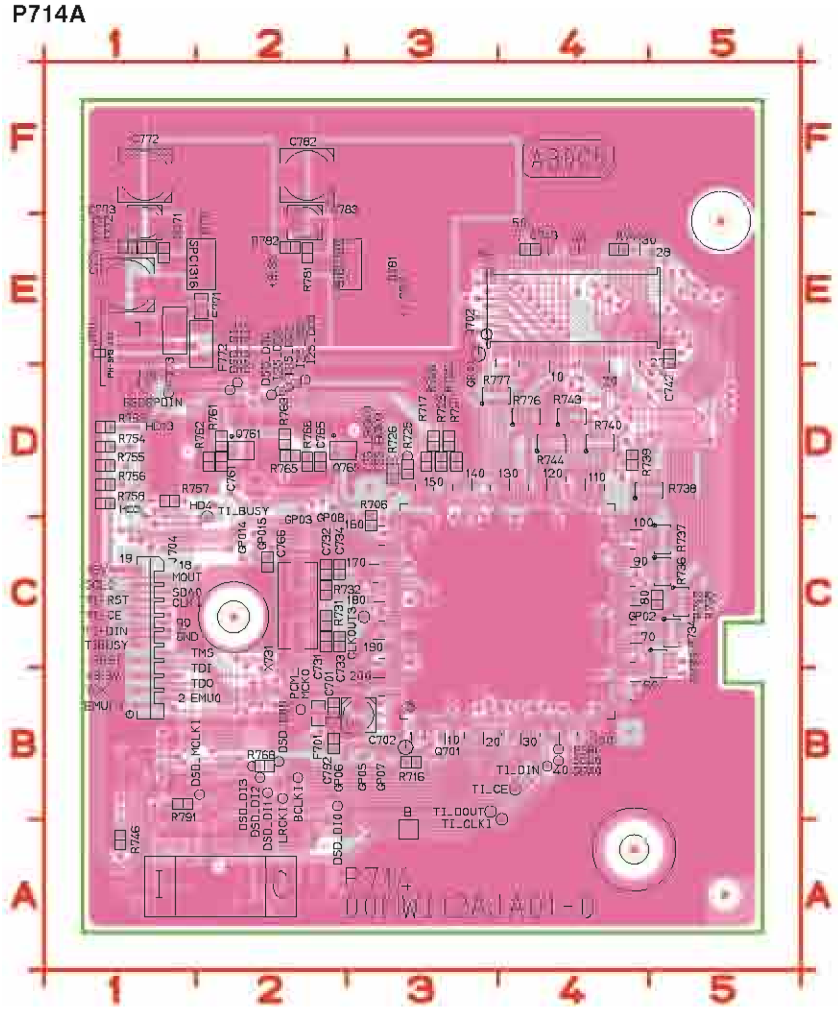
Q701, QX10, QX11 は IC の中央で基板に半田付けされています。修理時、部品の交換は出来ません。もしこの部品を交換するときは下記の基板完成品で交換してください。

Q701 交換時は、PART NO. **88M12AJ610101** (P714 : TI DSP PWB ASSY) で交換。

鉛フリー半田
半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。

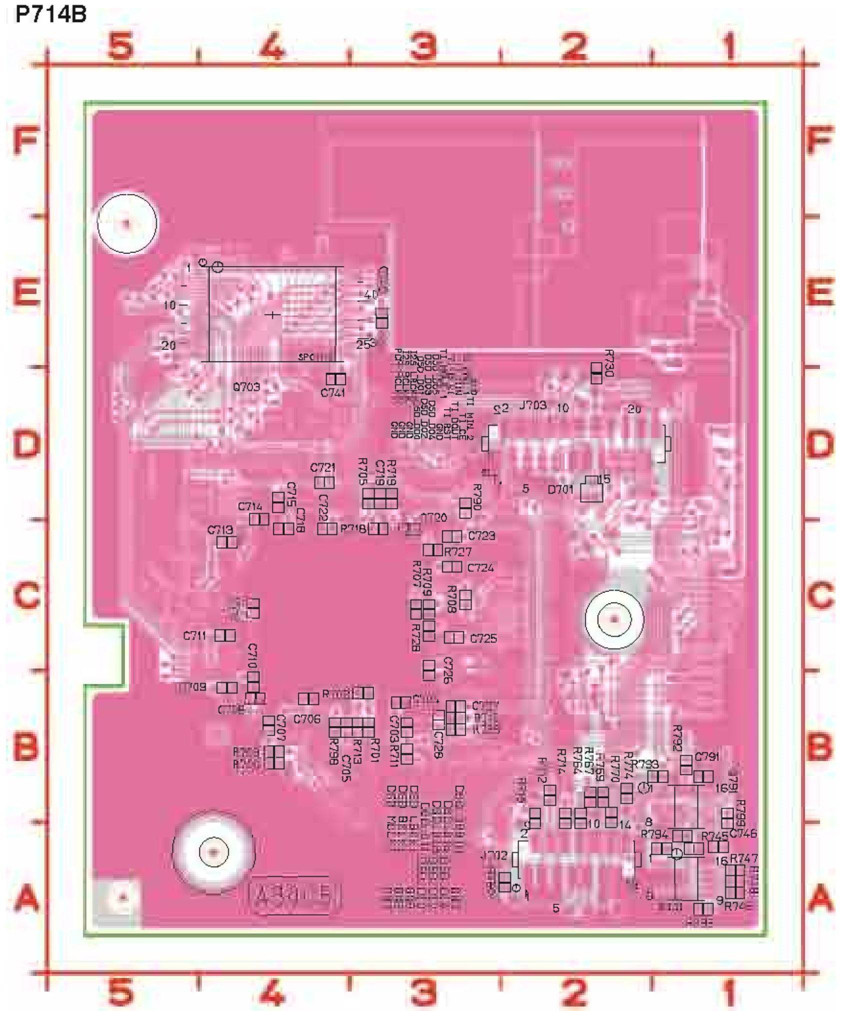
Lead-free Solder
When soldering, use the Lead-free Solder (Sn-Ag-Cu).

P714A



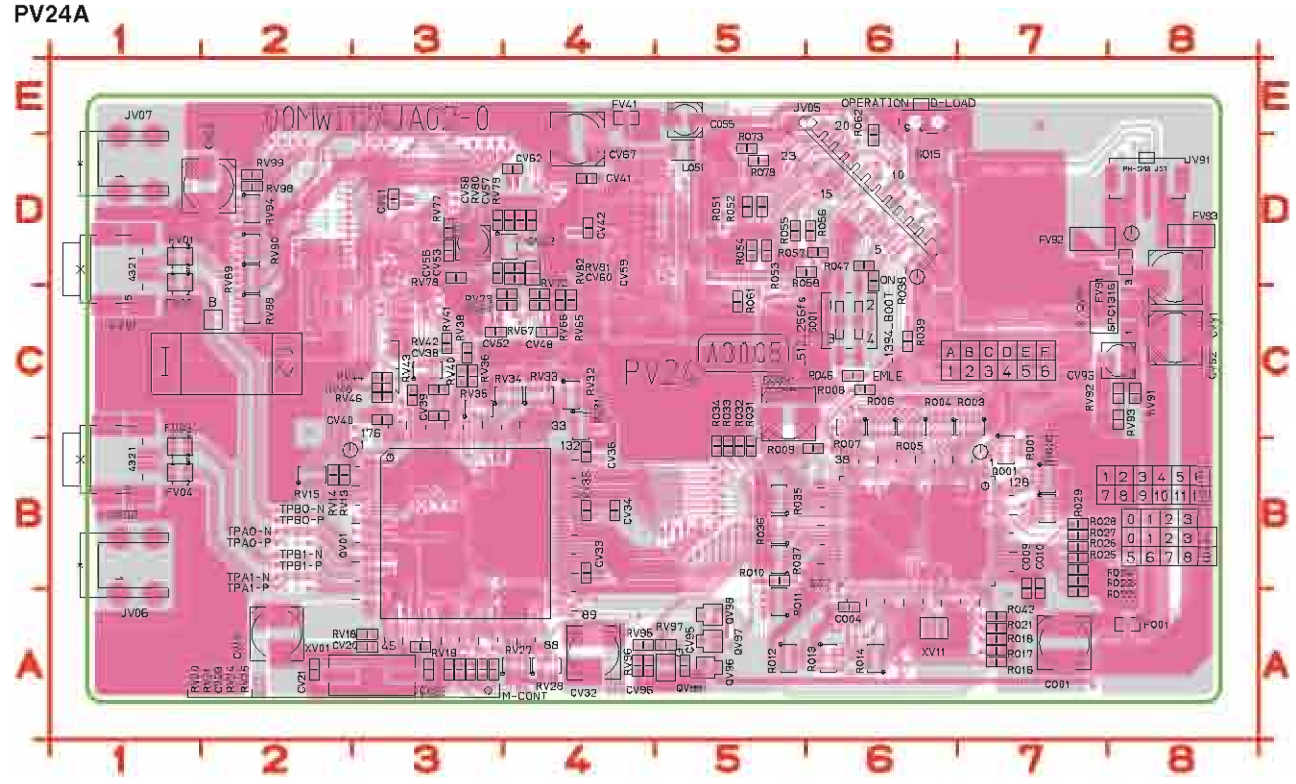
C701	B2	C773	E1	GP03	D2	R706	C3	R735	C5	R755	D1	R776	D4
C702	B3	C782	F2	GP05	B3	R716	B3	R736	C5	R756	D1	R777	D3
C731	C2	C783	E2	GP06	B2	R717	D3	R737	C5	R757	D1	R781	E2
C732	C2	C792	B2	GP07	B3	R721	D3	R738	D5	R758	D1	R782	E2
C733	C2	F701	B2	GP08	D2	R722	D3	R739	D4	R761	D2	R791	B1
C734	C2	F771	E2	J704	C1	R723	D3	R740	D4	R762	D2	X731	C2
C742	E5	F772	E2	J771	E1	R724	D3	R741	E4	R763	D2		
C743	E4	F773	E1	Q701	C4	R725	D3	R742	C5	R765	D2		
C761	D2	FSR1	B4	Q702	E4	R726	D3	R743	D4	R766	D2		
C765	D2	GP01	D3	Q761	D2	R731	C2	R744	D4	R768	B2		
C766	C2	GP01	C2	Q765	D2	R732	C2	R746	A1	R771	E1		
C771	E1	GP01	C2	Q771	E2	R733	C5	R753	D1	R772	E1		
C772	F1	GP02	C4	Q781	E3	R734	C5	R754	D1	R773	E1		

P714B



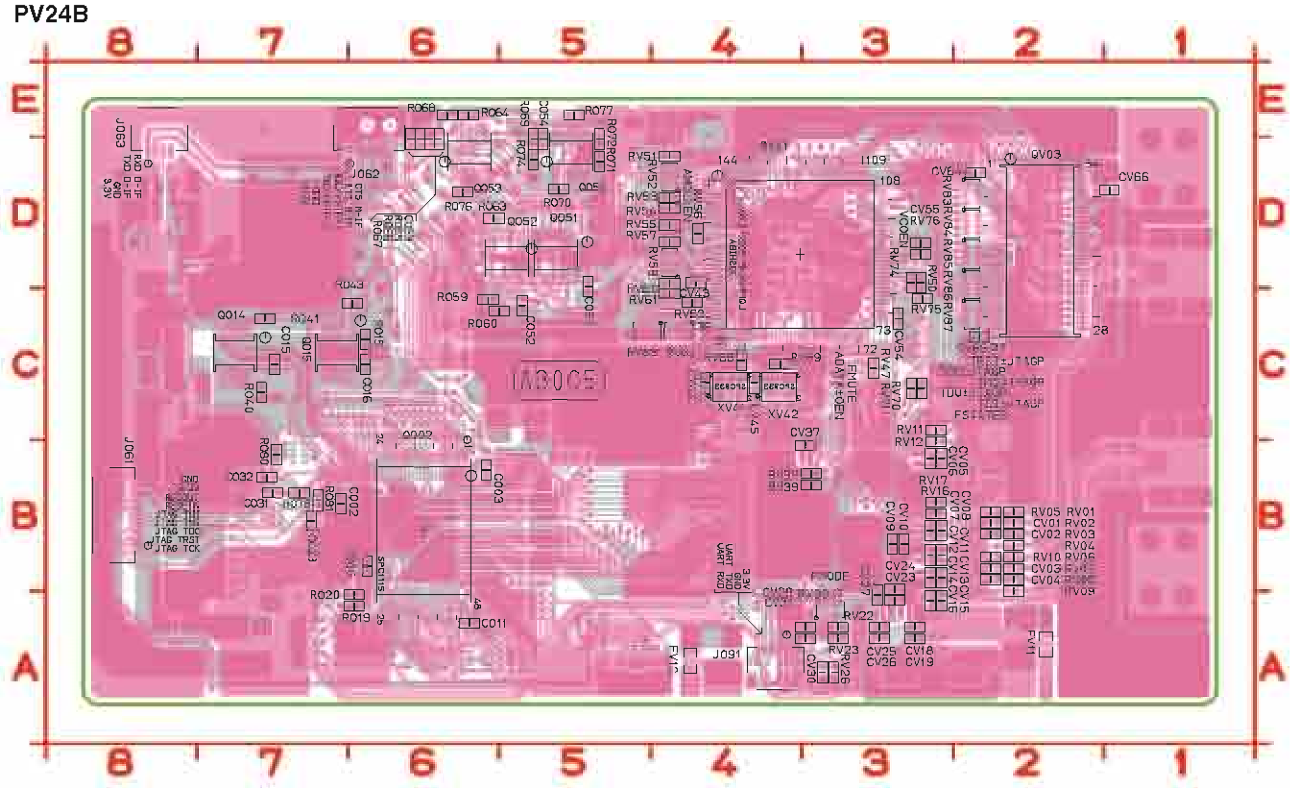
C703	B3	C718	C4	C746	A1	R707	C3	R729	B3	R792	B1
C704	B3	C719	D3	C791	B1	R708	C3	R730	D2	R793	B1
C705	B4	C720	C3	D701	D2	R709	C3	R745	A1	R794	A1
C706	B4	C721	D4	J702	A2	R710	B3	R747	A1	R795	A1
C707	B4	C722	C4	J703	D2	R711	B3	R748	A1	R797	A1
C708	B4	C723	C3	Q703	E4	R712	B2	R749	A1	R798	B4
C709	B4	C724	C3	Q741	A1	R713	B3	R760	A2	R799	B1
C710	B4	C725	C3	Q791	B1	R714	B2	R764	B2		
C711	C4	C726	C3	R701	B3	R715	B2	R767	B2		
C712	C4	C727	B3	R702	B3	R718	C3	R769	B2		
C713	C4	C728	B3	R703	B4	R719	D3	R770	B2		
C714	D4	C741	D4	R704	B4	R727	C3	R774	B2		
C715	D4	C745	E3	R705	D3	R728	C3	R790	D3		

PV24A



CO01	A7	CV91	D8	RO07	C6	RO52	D5	RV45	C3
CO04	A6	CV92	C8	RO08	C6	RO53	D5	RV46	C3
CO08	C5	CV93	C8	RO09	B6	RO54	D5	RV65	C4
CO09	B7	CV95	A5	RO10	B5	RO55	D5	RV66	C4
CO10	B7	CV96	A4	RO11	A5	RO56	D6	RV67	C4
CO55	E5	FO01	A8	RO12	A5	RO57	D6	RV72	C4
CV17	A2	FV01	D1	RO13	A6	RO58	D6	RV73	C4
CV20	A3	FV02	D1	RO14	A6	RO61	C5	RV77	D3
CV21	A2	FV03	B1	RO16	A7	RO62	D6	RV78	D3
CV22	A3	FV04	B1	RO17	A7	RO73	D5	RV79	D4
CV28	A3	FV41	E4	RO18	A7	RO78	D5	RV80	D4
CV32	A4	FV91	D8	RO21	A7	RV13	B2	RV81	D4
CV33	B4	FV92	D7	RO22	A7	RV14	B2	RV82	D3
CV34	B4	FV93	D8	RO23	B7	RV15	B2	RV88	C2
CV35	B4	JV01	D1	RO24	B7	RV18	A3	RV89	D2
CV36	B4	JV02	B1	RO25	B7	RV19	A3	RV90	D2
CV38	C3	JV05	D6	RO26	B7	RV20	A3	RV91	C8
CV39	C3	JV06	B1	RO27	B7	RV21	A3	RV92	C8
CV40	C3	JV07	D1	RO28	B7	RV24	A3	RV93	C8
CV41	D4	JV91	D8	RO29	B7	RV25	A3	RV94	D2
CV42	D4	LO51	D5	RO30	B7	RV27	A4	RV95	A4
CV48	C4	QO01	B6	RO31	B5	RV28	A4	RV96	A4
CV51	C4	QV01	B3	RO32	B5	RV31	C4	RV97	A5
CV52	C3	QV42	D4	RO33	B5	RV32	C4	RV98	D2
CV53	D3	QV91	C7	RO34	B5	RV33	C4	RV99	D2
CV56	D3	QV95	A5	RO35	B5	RV34	C4	SO01	C6
CV57	D4	QV96	A5	RO36	B5	RV35	C3	SO15	E6
CV58	D3	QV97	A5	RO37	B5	RV36	C3	XV01	A3
CV59	D4	QV98	A5	RO38	D6	RV38	C3	XV11	A6
CV60	D4	RO01	B7	RO39	C6	RV40	C3		
CV61	D3	RO03	C7	RO42	A7	RV41	C3		
CV62	D4	RO04	C6	RO46	C6	RV42	C3		
CV63	D2	RO05	C6	RO47	D6	RV43	C3		
CV67	D4	RO06	C6	RO51	D5	RV44	C3		

PV24B



ADAT	C3	CV24	B3	RO19	A6	RV12	B3	RV86	D2
AMCL	D4	CV25	A3	RO20	A6	RV16	B3	RV87	C2
CO02	B7	CV26	A3	RO40	C7	RV17	B3	SACD	D4
CO03	B6	CV27	A3	RO41	C7	RV22	A3	TCK_	C3
CO05	B6	CV29	A3	RO43	C6	RV23	A3	TDI_	C3
CO11	A6	CV30	A3	RO59	C6	RV26	A3	TDO_	C3
CO15	C7	CV31	A3	RO60	C6	RV30	A3	TMS_	C3
CO16	C6	CV37	B3	RO63	D6	RV37	B3	TRST	C3
CO31	B7	CV43	D4	RO64	E6	RV39	B3	VCOE	D3
CO32	B7	CV44	C4	RO65	D6	RV47	C3	XV41	C4
CO33	B7	CV45	C4	RO66	D6	RV50	D3	XV42	C4
CO51	D5	CV54	C3	RO67	D6	RV51	D4		
CO52	C5	CV55	D3	RO68	E6	RV52	D4		
CO53	D6	CV64	D2	RO69	D5	RV53	D4		
CO54	D5	CV65	C2	RO70	D5	RV54	D4		
CV01	B2	CV66	D1	RO71	D5	RV55	D4		
CV02	B2	FMUT	C3	RO72	D5	RV56	D4		
CV03	B2	FSTA	C3	RO74	D5	RV57	D4		
CV04	B2	FV11	A2	RO76	D6	RV59	D4		
CV05	B3	FV12	A4	RO77	E5	RV60	D4		
CV06	B3	JO61	B8	RO79	B7	RV61	C4		
CV07	B3	JO62	E6	RO80	B7	RV62	C4		
CV08	B3	JO63	E8	RO81	B7	RV63	C5		
CV09	B3	JO91	A4	RV01	B2	RV64	C4		
CV10	B3	QO02	B6	RV02	B2	RV68	C4		
CV11	B3	QO14	C7	RV03	B2	RV69	C4		
CV12	B3	QO15	C7	RV04	B2	RV70	C3		
CV13	B3	QO51	D5	RV05	B2	RV71	C3		
CV14	B3	QO52	D5	RV06	B2	RV74	D3		
CV15	A3	QO53	D6	RV07	B2	RV75	C3		
CV16	A3	QO54	D5	RV08	B2	RV76	D3		
CV18	A3	QV03	D2	RV09	B2	RV83	D2		
CV19	A3	QV41	D4	RV10	B2	RV84	D2		
CV23	A3	RO15	C6	RV11	C3	RV85	D2		

鉛フリー半田

半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。

Lead-free Solder

When soldering, use the Lead-free Solder (Sn-Ag-Cu).

About Q701, QX10 and QX11 :

As for Q701, QX10 and QX11, the center of IC is soldering on the PWB.
When you repair Q701, QX10 and QX11, these parts exchange is impossible.
When you exchange these parts, please exchange by the following PCB ASSY.

QX10 and QX11 are exchanged by PART NO. **88M12AJ630101** (PX14 : HDMI PWB ASSY)

Q701, QX10, QX11 について :

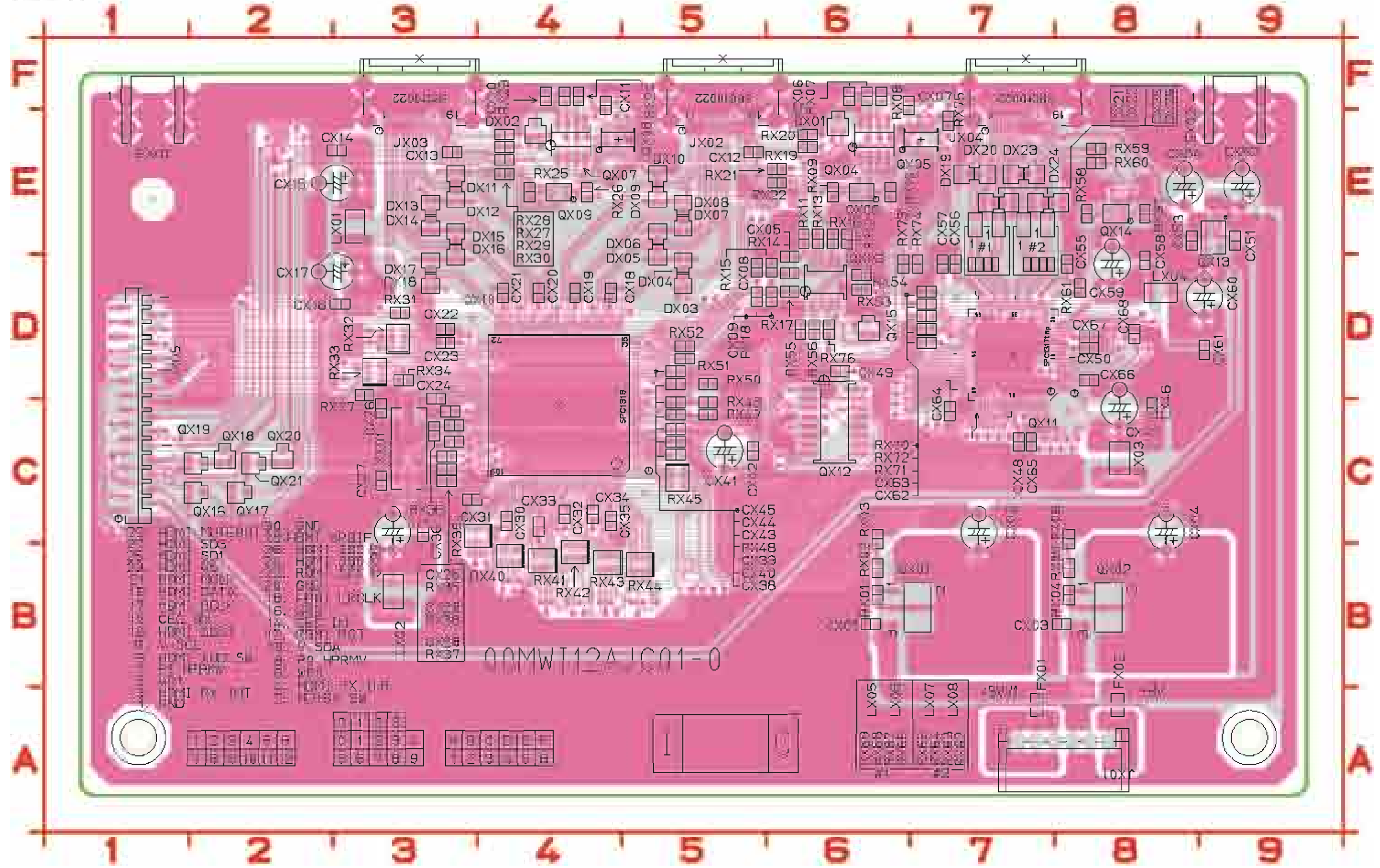
Q701, QX10, QX11 は IC の中央で基板に半田付けされています。修理時、部品の交換は出来ません。もしこの部品を交換するときは下記の基板完成品で交換してください。

QX10, QX11 交換時は、PART NO. **88M12AJ630101** (PX14 : HDMI PWB ASSY) で交換。

鉛フリー半田
半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。

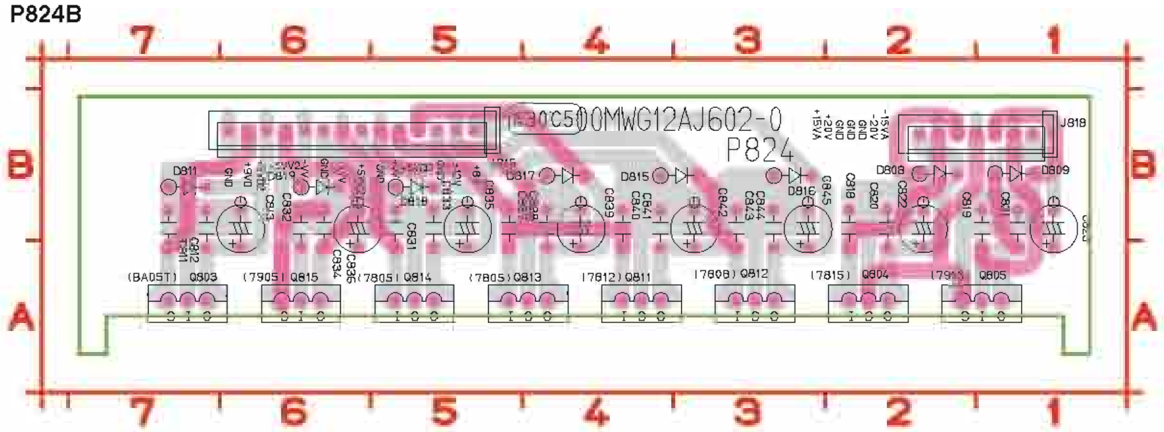
Lead-free Solder
When soldering, use the Lead-free Solder (Sn-Ag-Cu).

PX14A



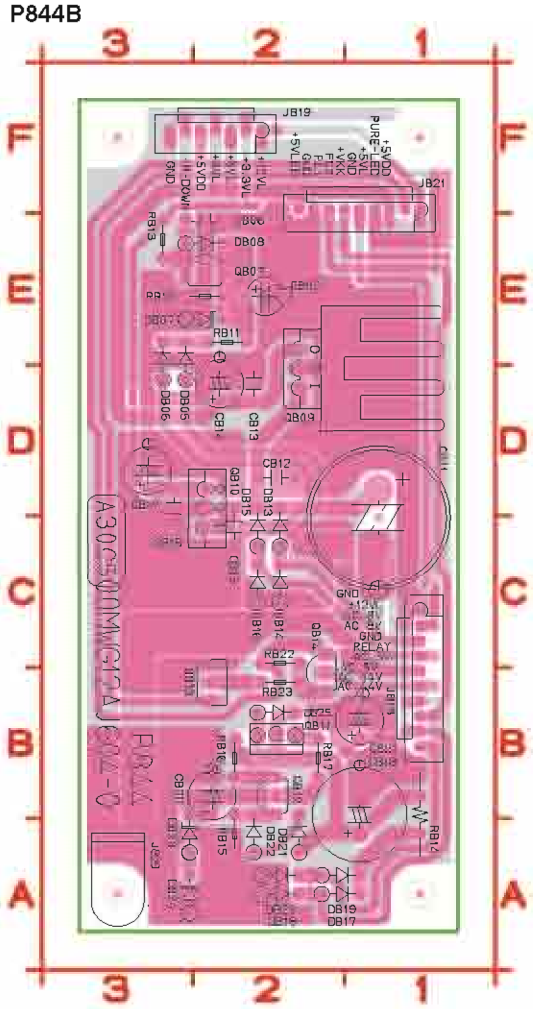
CX01	B6	CX21	D4	CX41	C5	CX61	D9	DX13	E3	JX03	F3	QX10	C4	RX09	E6	RX29	E4	RX50	D5	RX70	D7
CX02	B7	CX22	D3	CX42	C5	CX62	D7	DX14	E3	JX04	F7	QX11	D7	RX10	E6	RX30	E4	RX51	D5	RX71	D7
CX03	B8	CX23	D3	CX43	C5	CX63	D7	DX15	E3	JX05	C1	QX12	C6	RX11	E6	RX31	D3	RX52	D5	RX72	D7
CX04	B8	CX24	D3	CX44	D5	CX64	C7	DX16	D3	LX01	E3	QX13	E9	RX12	E6	RX32	D3	RX53	D6	RX73	D6
CX05	D6	CX25	C3	CX45	D5	CX65	C7	DX17	D3	LX02	B3	QX14	E8	RX13	E6	RX33	D3	RX54	D6	RX74	D7
CX06	F6	CX26	C3	CX46	C8	CX66	D8	DX18	D3	LX03	C8	QX15	D6	RX14	D6	RX34	D3	RX55	D6	RX75	E7
CX07	F6	CX27	C3	CX47	C8	CX67	D8	DX19	E7	LX04	D8	QX16	C2	RX15	D6	RX35	C3	RX56	D6	RX76	D6
CX08	D5	CX28	C3	CX48	C7	CX68	D8	DX20	E7	LX05	E7	QX17	C2	RX16	E6	RX36	C3	RX57	E8	RX77	D3
CX09	D5	CX29	C3	CX49	D6	DX01	E6	DX21	E7	LX06	E7	QX18	C2	RX17	D6	RX37	C3	RX58	E8	XX01	C3
CX10	F4	CX30	C4	CX50	D8	DX02	E4	DX22	E7	LX07	E7	QX19	C2	RX18	D6	RX38	C3	RX59	E8		
CX11	F4	CX31	C3	CX51	E9	DX03	D5	DX23	E7	LX08	E7	QX20	C2	RX19	E6	RX39	C4	RX60	E8		
CX12	E5	CX32	C4	CX52	E9	DX04	D5	DX24	E7	QX01	B7	QX21	C2	RX20	E6	RX40	B4	RX61	D8		
CX13	E3	CX33	C4	CX53	E8	DX05	D5	DX25	E7	QX02	B8	RX01	B6	RX21	E6	RX41	B4	RX62	D7		
CX14	E3	CX34	C4	CX54	E8	DX06	E5	DX26	E8	QX03	D6	RX02	B6	RX22	E6	RX42	B4	RX63	D7		
CX15	E3	CX35	C4	CX55	D8	DX07	E5	EX01	F1	QX04	E6	RX03	C6	RX23	F4	RX43	B4	RX64	D7		
CX16	D3	CX36	C3	CX56	D7	DX08	E5	EX02	F9	QX05	E7	RX04	B8	RX24	F4	RX44	B5	RX65	D7		
CX17	D3	CX37	B3	CX57	D7	DX09	E5	FX01	A7	QX06	E6	RX05	B8	RX25	E4	RX45	C5	RX66	D7		
CX18	D4	CX38	C5	CX58	D8	DX10	E5	FX02	A8	QX07	E4	RX06	C8	RX26	E4	RX47	C5	RX67	D7		
CX19	D4	CX39	C5	CX59	D8	DX11	E3	JX01	A8	QX08	E4	RX07	F6	RX27	E4	RX48	C5	RX68	D7		
CX20	D4	CX40	C5	CX60	D9	DX12	E3	JX02	F5	QX09	E4	RX08	F6	RX28	E4	RX49	C5	RX69	D7		

P824B



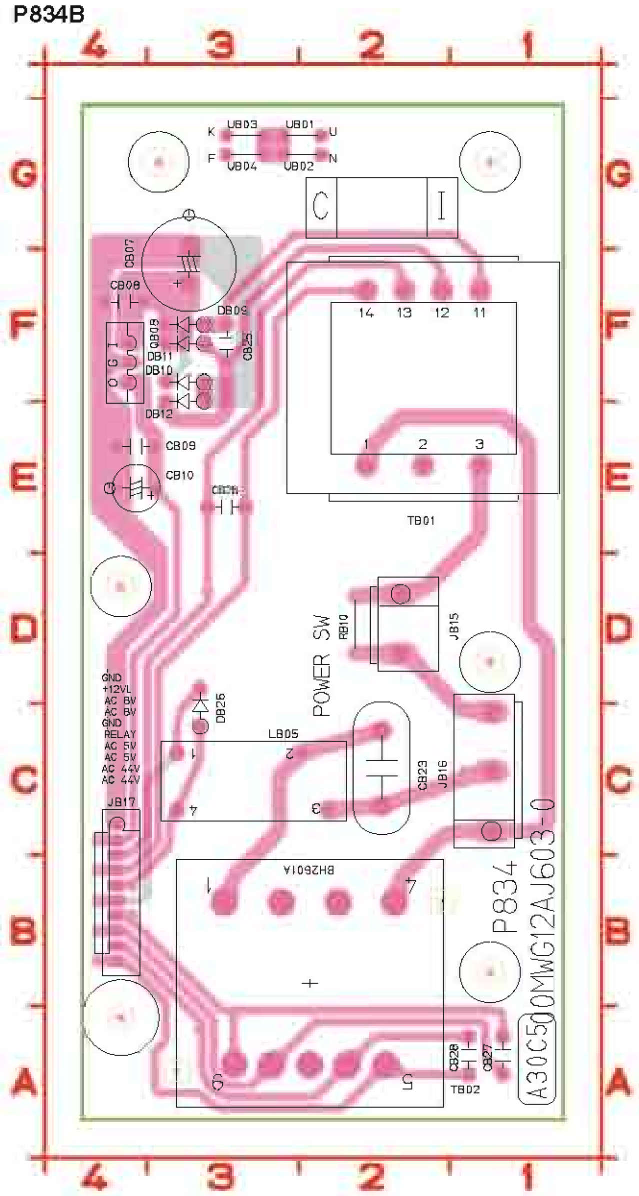
C811	A7	C820	A2	C832	A6	C837	A5	C842	A3	D809	B1	D818	B5	Q804	A2	Q814	A5
C812	A7	C821	A1	C833	A5	C838	A4	C843	A3	D811	B7	D819	B6	Q805	A1	Q815	A6
C813	A6	C822	A2	C834	A6	C839	A4	C844	A3	D815	B4	J815	B5	Q811	A4		
C818	A2	C823	A1	C835	A5	C840	A4	C845	A3	D816	B3	J818	B1	Q812	A3		
C819	A1	C831	A5	C836	A6	C841	A4	D808	B2	D817	B4	Q803	A7	Q813	A4		

P844B



CB05	E2	DB22	A2
CB06	E2	DB23	A3
CB11	D1	DB24	A3
CB12	D2	DB25	B2
CB13	D2	J820	A3
CB14	D2	JB18	C1
CB15	C2	JB19	F2
CB16	C3	JB21	F1
CB17	D3	QB07	E2
CB18	A1	QB09	D2
CB20	B2	QB10	D2
CB21	B1	QB11	B2
DB05	D3	QB12	B2
DB06	D3	QB13	B2
DB07	E3	QB14	B2
DB08	E3	RB11	E2
DB13	C2	RB12	E2
DB14	C2	RB13	E3
DB15	C2	RB14	A1
DB16	C2	RB15	A2
DB17	A2	RB16	B2
DB18	A2	RB17	B2
DB19	A2	RB22	C2
DB20	A2	RB23	B2
DB21	A2		

P834B



CB07	F3
CB08	F4
CB09	E3
CB10	E3
CB23	C2
CB25	F3
CB26	E3
CB27	A1
CB28	A1
DB09	F3
DB10	F3
DB11	F3
DB12	F3
DB26	C3
JB15	D2
JB16	C1
JB17	C4
LB05	C3
QB08	F4
RB10	D2
TB01	F2
TB02	B2
UB01	G2
UB02	G2
UB03	G3
UB04	G3

鉛フリー半田

半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。

Lead-free Solder

When soldering, use the Lead-free Solder (Sn-Ag-Cu).

11. MICROPROCESSOR AND IC DATA

QW01 : HD64F2505FC26DV (MAIN)

Pin No	Port mode=7	I/O	Use	STBY	Name	Port Setting Act.	Port Setting init	Note
1	PE5	I/O	O	I		-	-	NC
2	PE6	I/O	I	I	SEL+	-	-	SELECT ENCODER +
3	PE7	I/O	I	I	SEL-	-	-	SELECT ENCODER -
4	PD0	I/O	I	I	GYRO+	-	-	GYRO ENCODER +
5	PD1	I/O	I	I	GYRO-	-	-	GYRO ENCODER -
6	PD2	I/O	I	I	VOL+	-	-	VOLUME ENCODER +
7	PD3	I/O	I	I	VOL-	-	-	VOLUME ENCODER -
8	PD4	I/O	I	I	_HP_DET	L	-	HEAD PHONE PLUG IN DET
9	PD5	I/O	O	I	HP_ON	H	L	HEAD PHONE RELAY CONT
10	PD6	I/O	O	I	FLRA_ON	H	L	FRONT L/R SPK A RELAY CONT
11	PD7	I/O	O	I	FLRB_ON	H	L	FRONT L/R SPK B RELAY CONT
12	Vss	I	I	I	VSS	-	-	GND
13	PC0	I/O	O	I	3SPK_ON	H	L	C/SL/SR SPK RELAY CONT
14	P1Vcc	I	YES	I	VCC	-	-	+3.3V
15	PC1	I/O	O	I	SB_ON	H	L	SBL/SBR SPK RELAY CONT
16	PC2	I/O	O	I	(MSPK_ON)	-	-	MULTI SPK RELAY CONT
17	PC3	I/O	I	I	_AVSS_DET	L	-	AVSS DET
18	PC4	I/O	O	I	AVSS_OUT	H	L	AVSS RELAY CONT
19	PC5	I/O	O	I	_STANDBY2	L	H	STAND BY CONTROL 2
20	PC6	I/O	O	I		-	-	NC
21	PC7	I/O	O	I		-	-	NC
22	PB0	I/O	O	I	USB_CSDAO	-	-	DATA OUT FOR USB CONT DATA OUT
23	PB1	I/O	O	I		-	-	NC
24	PB2	I/O	O	I		-	-	NC
25	PB3	I/O	I	I	USB_PLL_UL	L	-	USB MUTE CONT PLL UNLOCK
26	PB4	I/O	O	I		-	-	NC
27	PB5	I/O	O	I	_SUB_CPU_DL	L	H	DOWNLOAD CONT FOR SUB CPU
28	PB6	I/O	O	I	_SUB_CPU_RST	L	H	RESET FOR SUB CPU
29	PB7	I/O	O	I	_MRAC_CPU_DL	L	H	DOWNLOAD CONT FOR MRAC CPU
30	PA0	I/O	O	I	_MRAC_CPU_RST	L	H	RESET FOR MRAC CPU
31	PA1	I/O	O	I	_GUI_CPU_DL	L	H	DOWNLOAD CONT FOR GUI CPU (ONLY SR-10)
32	PA2	I/O	O	I	_GUI_CPU_RST	L	H	RESET FOR GUI CPU (ONLY SR-10)
33	PA3	I/O	O	I	_1394_CPU_DL	L	H	DOWNLOAD CONT FOR 1394 CPU (ONLY SR-10)
34	PA4	I/O	O	I	_1394_CPU_RST	L	H	RESET FOR 1394 CPU (ONLY SR-10)
35	PA5	I/O	O	I	EE_SCL	-	-	SCL FOR EE-PROM CLK
36	PA6	I/O	I/O	I	EE_SDA	-	-	SDA FOR EE-PROM DATA
37	PA7	I/O	O	I	AUD_MUTE	-	-	AUDIO MUTE SWITCH
38	PH7	I/O	O	I		-	-	NC
39	PH6	I/O	O	I		-	-	NC
40	PH5	I/O	O	I		-	-	NC
41	PH4	I/O	O	I		-	-	NC
42	PH3	I/O	O	I		-	-	NC
43	PH2	I/O	O	I		-	-	NC
44	PH1	I/O	O	I		-	-	NC
45	PH0	I/O	O	I		-	-	
46	PJ7	I/O	O	I		-	-	NC
47	PJ6	I/O	I	I	232C_CTS	-	-	232C_CTS FOR DOWNLOAD
48	PJ5	I/O	O	I	232C_RTS	-	-	232C_RTS FOR DOWNLOAD
49	PJ4	I/O	O	I		-	-	NC
50	PJ3	I/O	O	I	DC_OUT1	L	H	DC TRIGER OUT 1

QW01 : HD64F2505FC26DV

pin No	Port mode=7	I/O	Use	STBY	Name	Port Setting		Note
51	PJ2	I/O	O	I	DC_OUT2	L	H	DC TRIGER OUT 2
52	PJ1	I/O	O	I	DC_OUT3	L	H	DC TRIGER OUT 3
53	PJ0	I/O	O	I	DC_OUT4	L	H	DC TRIGER OUT 4
54	Vss	I	-	I	VSS	-	-	GND
55	P97/AN15/DA1	I,I,O	I	I		-	-	GND
56	P96/AN14/DA0	I,I,O	I	I		-	-	GND
57	P95/AN13	I,I	I	I		-	-	GND
58	P94/AN12	I,I	I	I		-	-	GND
59	P93/AN11	I,I	I	I		-	-	GND
60	P92/AN10	I,I	I	I		-	-	USB_SENS
61	P91/AN9	I,I	AD	I	5VV1	-	-	5VV1 SENSE
62	P90/AN8	I,I	AD	I	5VD1	-	-	5VD1 SENSE
63	P47/AN7	I,I	I	I	KEY3	-	-	Front Key
64	P46/AN6	I,I	I	I	MODE2	-	-	SR10/9600
65	P45/AN5	I,I	I	I	MODE1	-	-	DISTNATION
66	P44/AN4	I,I	AD	I	_HEAT_DET	-	-	POWER AMP HEAT DETECT
67	AVss	I	-	I	AVSS	-	-	GND
68	P43/AN3	I,I	AD	I	_3.3V_DOWN	L	-	3.3VD DOWN DETECT(RESERVED)
69	P42/AN2	I,I	AD	I	KEY2	-	-	Front Key
70	P41/AN1	I,I	AD	I	KEY1	-	-	Front Key
71	P40/AN0	I,I	AD	I	KEY0	-	-	Front Key
72	Vref	I	YES	I	VCC	-	-	+5V
73	AVcc	I	YES	I	AVCC	-	-	+5V
74	P50/TxD2	I/O,O	TXD	I	DL_TXD	-	-	TXD FOR DOWNLOAD to OTHER CPU
75	P51/RxD2	I/O,I	RXD	I	USB_CSDAI/DL_RXD	-	-	USB DATA IN/RXD FOR DOWNLOAD to OTHER CPU
76	P52/SCK2	I/O,O	I	I	USB_CSCL	-	-	SCLK IN FROM USB MODULE
77	PF0/~IRQ2	I/O,I	INT	I	USB_CCE	L	H	CHIP ENABLE IN FROM USB MODULE
78	PF1/BUZZ	I/O,O	O	I	_STANDBY1	L	H	STAND BY CONTROL 1
79	PF2	I/O	I	I	_P_AMP_FAIL	L	-	POWER AMP FAIL DET
80	PF3/~ADTRG/~IRQ3	I/O,I,I	INT	I	_P_LINE_FAIL	L	-	POWER SUPPLY FAIL DET
81	PF4	I/O	O	I	DL_SEL_A	H	-	DOWN LOAD SELECTOR A
82	PF5	I/O	O	I	DL_SEL_B	H	-	DOWN LOAD SELECTOR B
83	PF6	I/O	O	I	DL_SEL_INH	H	L	DOWN LOAD SELECTOR INHIBIT
84	P1Vcc	I	YES	I	VCC	-	-	+3.3V
85	PF7/φ	I/O,O	O	I		-	-	NC
86	Vss	I	-	I	VSS	-	-	GND
87	TEST	I	-	I		-	-	GND
88	VCL	I	-	I	VCL	-	-	GND (0.47uF)
89	OSC2	I	I	I	OSC1	-	-	32.768kHz X'tal
90	OSC1	I	I	I	OSC2	-	-	32.768kHz X'tal
91	NMI	I	I	I		-	-	PULL UP to Vcc
92	MD2	I	YES	I	MD2	H	L	Normal:H, Boot:L
93	XTAL	I	YES	I	XTAL	-	-	Xtal(12.288MHz)
94	Vss	I	NO	I	VSS	-	-	GND
95	EXTAL	I	YES	I	EXTAL	-	-	Xtal(12.288MHz)
96	Vcc	I	YES	I	VCC	-	-	+3.3V
97	MD0	I	YES	I	MD0	-	-	Fix H(+3.3V)
98	MD1	I	YES	I	MD1	-	-	Fix H(+3.4V)
99	~STBY	I	NO	I	_STBY	L	H	Fix H
100	~RES	I	YES	I	_RES	L	-	RESET
101	P20/TIOCA3	I/O,I/O	I	I	TU1DIN	-	-	TUNER1 DATA IN
102	P21/TIOCB3	I/O,I/O	O	I	_TU1_CE	L	-	TUNER1 CE
103	P22/TIOCC3	I/O,I/O	O	I	TU1_MUTE	H	L	TUNER1 MUTE

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pin No	Port mode=7	I/O	Use	STBY	Name	Port Setting		Note
104	P23/TIOCD3	I/O,I/O	I	I	TU2DIN	-	-	TUNER2 DATA IN
105	P24/TIOCA4	I/O,I/O	O	I	_TU2_CE	L	-	TUNER2 CE
106	P25/TIOCB4	I/O,I/O	O	I	TU2_MUTE	H	L	TUNER2 MUTE
107	P26/TIOCA5	I/O,I/O	O	I	TUDOUT	-	-	TUNER/RDS DATA OUT
108	P27/TIOCB5	I/O,I/O	O	I	TUCLK	-	-	TUNER/RDS CLK
109	P17/TIOCB2/TCLKD	I/O,I/O,I/O	T_OUT	I	RC_ANS	H	L	ANSWER TO RC
110	P16/TIOCA2/~IRQ1	I/O,I/O,I	INT	I	WAKE_UP	H	-	CPU STANDBY MODE Release
111	P15/TIOCB1/TCLKC	I/O,I/O,I/O	T_IN	I	FLASHER_IN	H	-	RC5/6 from FLASHER IN
112	P14/TIOCA1/~IRQ0	I/O,I/O,I	INT	I	RDSDIN	-	-	RDS DATA IN
113	P13/TIOCD0/TCLKB	I/O,I/O,I/O	T_OUT	I	M_RC_OUT	L	H	Multi RC Bus Output
114	P12/TIOCC0/TCLKA	I/O,I/O,I/O	T_IN	I	M_RC_IN	L	H	Multi RC-5 IN
115	P11/TIOCB0	I/O,I/O	T_OUT	I	RC_OUT	L	H	RC Bus Out
116	P10/TIOCA0	I/O,I/O	T_IN	I	RC_IN	H	-	IR in for RC-5
117	Vss	I	YES	I	VSS	-	-	GND
118	P2Vcc	I	YES	I	VCC	-	-	+5V
119	P37/TxD4	I/O,O	O	I		-	-	NC
120	P36/RxD4	I/O,I	SI	I		-	-	GND
121	P35/SCK1/SCK4/ SCL0/~IRQ5	I/O,I/O,I/O,I/O,I	O	I	FL_ON	H	L	FL_SUPPLY_CONTROL
122	P34/RxD1/SDA0	I/O,I,I/O	O	I	RDS_CE	H	-	RDS CHIP ENABLE
123	P33/TxD1/SCL1	I/O,O,I/O	SC	I	CPU_SCL	-	-	Sub CPU I/F
124	P32/SCK0/ SDA1/~IRQ4	I/O,I/O,I/O,I	SIO	I	CPU_SDA	-	-	Sub CPU I/F
125	P31/RxD0	I/O,I	SI	I	232C_RXD	-	-	UART for RS232C, Flash WR(Need Pull UP) RESET: H
126	P30/TxD0	I/O,O	SC	O	232C_TXD	-	-	UART for RS232C, Flash WR(Need Pull UP)
127	P77/TxD3	I/O,O	SO	O	FL_DATA	-	-	FL_UCOM_DATA
128	P76/RxD3	I/O,I	SI	I	GND	-	-	GND
129	P75/TMO3/SCK3	I/O,I/O,I/O	SC	I	FL_CLK	-	-	FL_UCOM_CLK
130	P74/TMO2/~MRES	I/O,O	O	I	FL_CE	H	-	FL_UCOM_CE
131	P73/TMO1	I/O,O	O	I	FL_RESET	L	-	FL_UCOM_RESET
132	P72/TMO0	I/O,O	I	I	FL_ENBL	-	-	FL_UCOM_ENABLE
133	P71/TMRI23/ TMCI23	I/O,O,O	O	I	KILL_RDS	L	-	RDS KILLER
134	P70/TMRI01/ TMCI01	I/O,O,O	O	L	KILL_IR	H	L	IR KILLER
135	PG4	I/O	I	I	TU1_SD	L	-	TINER1 TUNED PULL UP TO 3.3V
136	PG3	I/O	I	I	TU1_ST	L	-	TUNER1 STEREO PULL UP TO 3.3V
137	PG2	I/O	I	I	TU2_SD	L	-	TINER2 TUNED PULL UP TO 3.3V
138	PG1/~IRQ7	I/O,I	INT	I	_P_DOWN	L	-	POWER DOWN DETECT
139	PG0/~IRQ6	I/O,I	INT	I	USB_MUTE	L	-	USB MUTE CONT
140	PE0	I/O	I	I	TU2_ST	L	-	TUNER2 STEREO PULL UP TO 3.3V
141	PE1	I/O	O	O	STBY_LED	H	L	STAND BY LED
142	PE2	I/O	O	I	DISP_LED	H	L	DISPLAY BUTTON LED (ONLY SR-10)
143	PE3	I/O	O	I	PURE_LED	H	L	PURE DIRECT BUTTON LED
144	PE4	I/O	O	I	THX_LED	H	L	THX LED

QU01 : HD64F2505FC26DV (SUB)

pin No	Port Name mode=7	I/O	Use	STBY	Name	Port Setting Act.	init	Note
1	PE5	I/O	O	I	_V_THRU	L	L	CVBS out Thru/Convert Selector
2	PE6	I/O	O	I	_Y/C THRU	L	L	Y/C out Thru/Convert Selector
3	PE7	I/O	O	I	_MA_THRU	L	L	Multi A Thru/OSD Selector
4	PD0	I/O	O	I	_MB_THRU	L	L	Multi B Thru/OSD Selector
5	PD1	I/O	I	I	DET_OUT	-	-	H sync Senser(only SR-11S1)
6	PD2	I/O	O	I	COMP_THRU	H	L	Component out Thru/Convert Selector (only SR-11S1)
7	PD3	I/O	O	I	P0_HPRMV	H	L	IN0 HPD SWITCH HDMI 1 HP
8	PD4	I/O	O	I	P1_HPRMV	H	L	IN1 HPD SWITCH HDMI 2 HP
9	PD5	I/O	O	I	WP0	H	L	WRITE PROTECT IN0
10	PD6	I/O	O	I	WP1	H	L	WRITE PROTECT IN1
11	PD7	I/O	I	I	HDMI_TX_INT	L	H	INT from HDMI TX
12	Vss	I	-	I	VSS	-	-	GND
13	PC0	I/O	I	I	HDMI_RX_INT	L	H	INT from HDMI RX
14	P1Vcc	I	YES	I	VCC	-	-	+3.3V
15	PC1	I/O	O	I	HD+5V_SW	H	L	+5V SWITCH for HPD
16	PC2	I/O	O	I	HDMI_RST	L	H	RESET for HDMI
17	PC3	I/O	O	I	DIG_SEL_A	H	L	Digital Selector "A"
18	PC4	I/O	O	I	DIG_SEL_B	H	L	Digital Selector "B"
19	PC5	I/O	O	I	DIG_SEL_C	H	L	Digital Selector "C"
20	PC6	I/O	O	I	DIG_SEL_D	H	L	Digital Selector "D"
21	PC7	I/O	O	I	DIG_SEL_E	H	L	Digital Selector "E"
22	PB0	I/O	O	I	DIG_SEL_F	L	H	Digital Selector "F" [_AD_DATA_SELECT]
23	PB1	I/O	O	I	DIG_SEL_G	L	H	Digital Selector "G" [_USB_DATA_SELECT]
24	PB2	I/O	O	I	DIG_SEL_H	L	H	Digital Selector "H" [_HDMI_DATA_SELECT]
25	PB3	I/O	O	I	DIG_SEL_I	L	H	Digital Selector "I" [_1394_DATA_SELECT]
26	PB4	I/O	I	I	HDMI_SCDT	H	-	SCDT IN from HDMI
27	PB5	I/O	O	I	L/RMUTE	H	L	FRONT L/R MUTE(need PU)
28	PB6	I/O	O	I	CNTMUTE	H	L	CENTER MUTE(need PU)
29	PB7	I/O	O	I	SL/SRMUTE	H	L	SURR. L/R MUTE(need PU)
30	PA0	I/O	O	I	SBMUTE	H	L	SURR. BACK MUTE(need PU)
31	PA1	I/O	O	I	SWMUTE	H	L	SW MUTE(need PU)
32	PA2	I/O	O	I	MULTI1MUTE	H	L	MULTI ROOM 1 MUTE(need PU)
33	PA3	I/O	O	I	MULTI2MUTE	H	L	MULTI ROOM 2 MUTE(need PU)
34	PA4	I/O	O	I	DIG_SEL_J	L	H	Digital Selector "J" [_DSD_DIRECT]
35	PA5	I/O	O	O	VOLDATA	-	-	Volume YAC526 DATA
36	PA6	I/O	O	O	VOLCLK	-	-	Volume YAC526 CLK
37	PA7	I/O	O	O	CE_VOL	L	-	Volume YAC526 CE
38	PH7	I/O	O	I	MULTIAB_ON	H	L	MULTI ROOM OUT MUTE RELAY CONTROL
39	PH6	I/O	O	I	_RST_FLDAC	L	L	Reset for DAC(FL/FR)
40	PH5	I/O	O	I	M0_DAC	-	H	Fs/Format Cont for DAC I^2S/CLKMODE OUT
41	PH4	I/O	O	I	M2_DAC	-	L	Fs/Format Cont for DAC fs/DSD
42	PH3	I/O	O	I	M3_DAC	-	-	Fs/Format Cont for DAC DATA IN PCM/DSD
43	PH2	I/O	O	I	M4_DAC	L	-	Fs/Format Cont for DAC CE fs/DSD
44	PH1	I/O	O	I	CLKMODE	-	-	CLK mode for DSD
45	PH0	I/O	O	I	_RST_SRDAC	L	L	Reset for DAC(SL/SR/CNT/SW)
46	PJ7	I/O	O	I	MULTI SPK_ON	H	L	MULTI SPK SWITCH
47	PJ6	I/O	O	I	_RST_AD	L	L	Reset for ADC
48	PJ5	I/O	O	I	2FS_AD	H	L	FS Cont. for ADC L : 1fs, H : 2fs
49	PJ4	I/O	O	I	DIRDIN	-	-	DIR Control Data IN
50	PJ3	I/O	I	I	_OVFL	L	-	Overflow Dection(need PU)
51	PJ2	I/O	O	I	_ATT	L	H	ADC input attention

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pin No	Port Name mode=7	I/O	Use	STBY	Name	Port Setting		Note
52	PJ1	I/O	O	I	D_A	-	L	D_A
53	PJ0	I/O	O	I	SPKOUT_ON	H	L	PRE OUT RELAY SWITCH
54	Vss	I	I	I	VSS	-	-	GND
55	P97/AN15/DA1	I,I,O	I	I	(TEST)	-	-	TEST PORT
56	P96/AN14/DA0	I,I,O	I	I	(TEST)	-	-	TEST PORT
57	P95/AN13	I,I	I	I	(TEST)	-	-	TEST PORT
58	P94/AN12	I,I	I	I	(TEST)	-	-	TEST PORT
59	P93/AN11	I,I	I	I	(TEST)	-	-	TEST PORT
60	P92/AN10	I,I	I	I		-	-	GND
61	P91/AN9	I,I	I	I		-	-	GND
62	P90/AN8	I,I	I	I		-	-	GND
63	P47/AN7	I,I	I	I		-	-	GND
64	P46/AN6	I,I	I	I		-	-	GND
65	P45/AN5	I,I	I	I		-	-	GND
66	P44/AN4	I,I	I	I		-	-	GND
67	AVss	I	I	I	AVSS	-	-	GND
68	P43/AN3	I,I	I	I		-	-	GND
69	P42/AN2	I,I	I	I	TI_BUSY	-	-	TI_BUSY
70	P41/AN1	I,I	I	I	MIC_DET	H	-	MRAC MIC DETECTER
71	P40/AN0	I,I	I	I	BI_AMP	H	L	BI AMP SWITCH
72	Vref	I	YES	I	VCC	-	-	+5V'
73	AVcc	I	YES	I	AVCC	-	-	+5V'
74	P50/TxD2	I/O,O	SO	I	DSPDOUT	-	-	DSP, DIR Control Data OUT
75	P51/RxD2	I/O,I	SI	SI	DSPDIN	-	-	DSP, DIR Control Data IN
76	P52/SCK2	I/O,O	SC	SC	DSPCLK	-	-	DSP, DIR Control CLOCK
77	PF0/~IRQ2	I/O,I	INT	I	DSPREQ	H	-	DSP INTER Q
78	PF1/BUZZ	I/O,O	O	I	_DSPCS	L	-	DSP CS
79	PF2	I/O	O	I	_DSPRST	L	H	DSP RST
80	PF3/~ADTRG/ ~IRQ3	I/O,I,I	INT	I	RERR	L	-	DIR ERR
81	PF4	I/O	O	I	DSPBSY	-	-	DSP BUSY
82	PF5	I/O	O	I	_CEDIR	L	-	DIR CE
83	PF6	I/O	O	I	_XMODE	L	H	DIR RST
84	P1Vcc	I	YES	I	VCC	-	-	+3.3V'
85	PF7/φ	I/O,O	I	I	XSTATE	L	H	DIR PLL LOCK
86	Vss	I	-	I	VSS	-	-	GND
87	TEST	I	-	I		-	-	GND
88	VCL	I	-	I	VCL	-	-	GND (0.47uF)
89	OSC2	I	O	I	Open	-	-	NC
90	OSC1	I	-	I	Vss	-	-	Vss
91	NMI	I	-	I		-	-	PULL UP to Vcc
92	MD2	I	YES	I	MD2	L	H	Normal:H, Boot:L
93	XTAL	I	YES	I	XTAL	-	-	Xtal(12.288MHz)
94	Vss	I	NO	I	VSS	-	-	GND
95	EXTAL	I	YES	I	EXTAL	-	-	Xtal(12.288MHz)
96	Vcc	I	YES	I	VCC	-	-	+3.3V
97	MD0	I	YES	I	MD0	-	-	Fix H(+3.3V)
98	MD1	I	YES	I	MD1	-	-	Fix H(+3.3V)
99	~STBY	I	NO	I	_STBY	L	-	Fix H(+3.3V)
100	~RES	I	YES	I	_RES	L	-	RESET
101	P20/TIOCA3	I/O,I/O	O	I	AFDATA	-	-	Analog Switch DATA
102	P21/TIOCB3	I/O,I/O	O	I	AFCLK	-	-	Analog Switch CLK
103	P22/TIOCC3	I/O,I/O	O	I	CE_TCA	H	-	Analog Switch NJU7313
104	P23/TIOCD3	I/O,I/O	O	I	CE_TCB	H	-	Analog Switch TC9274
105	P24/TIOCA4	I/O,I/O	O	I	CE_TCC	H	-	Analog Switch NJU7313/NJU7311
106	P25/TIOCB4	I/O,I/O	O	I	(CE_TCD)	-	-	NC

QU01 : HD64F2505FC26DV

pin No	Port Name mode=7	I/O	Use	STBY	Name	Port Setting		Note
107	P26/TIOCA5	I/O,I/O	T_OUT	I	CEC_OUT	L	H	CEC Output
108	P27/TIOCB5	I/O,I/O	T_IN	I	CEC_IN	-	-	CEC Input
109	P17/TIOCB2/TCLKD	I/O,I/O,I/O	O	I	CE_M	L	-	Analog Switch/Volume NJM1157
110	P16/TIOCA2/~IRQ1	I/O,I/O,I	INT	I	HDMI_MUTE	H	L	MUTE INPUT FOR HDMI
111	P15/TIOCB1/TCLKC	I/O,I/O,I/O	O	I	_COMP_STB	L	H	SHIFT REGISTER STROBE
112	P14/TIOCA1/~IRQ0	I/O,I/O,I	O	I	V_RXD/TXD_SEL	L	L	L:SEL_DL_RXD/TXD, H:SEL_V_RXD/TXD(sr10)
113	P13/TIOCD0/TCLKB	I/O,I/O,I/O	O	I	_OSD_CE	L	H	OSD CHIP ENABLE(only SR9600)
114	P12/TIOCC0/TCLKA	I/O,I/O,I/O	O	I	_512_256fs	H	H	1394 MASTER CLOCK SELECT
115	P11/TIOCB0	I/O,I/O	O	I	_1394_BOOT	L	H	_1394CPU_BOOT
116	P10/TIOCA0	I/O,I/O	T_IN	I	VD_OUT	H	-	Vsync Detect
117	Vss	I	YES	I	VSS	-	-	GND
118	P2Vcc	I	YES	I	VCC	-	-	+5V'
119	P37/TxD4	I/O,O	SO	I	RXD_M-IF	-	-	DATA OUT FOR IEEE1394 MODULE
120	P36/RxD4	I/O,I	SI	I	TXD_M-IF	-	-	DATA IN FROM IEEE1394 MODULE
121	P35/SCK1/SCK4/ SCL0/~IRQ5	I/O,I/O,I/O,I/O,I	SC	I	CPU_SCL	-	-	Main/MRAC CPU I/F CLK
122	P34/RxD1/SDA0	I/O,I,I/O	SIO	I	CPU_SDA	-	-	Main/MRAC CPU I/F DATA
123	P33/TxD1/SCL1	I/O,O,I/O	SC	I	V_SCL	-	-	Video Conv CLK
124	P32/SCK0/ SDA1/~IRQ4	I/O,I/O,I/O,I	SIO	I	V_SDA	-	-	Video Conv DATA
125	P31/RxD0	I/O,I	SI	I	V_RXD	-	-	GUI CPU I/F (SH7709S) or WR(need PU) (only SR-11S1)
126	P30/TxD0	I/O,O	SO	I	V_TXD	-	-	GUI CPU I/F (SH7709S) or WR(need PU) (only SR-11S1)
127	P77/TxD3	I/O,O	SO	I	RX1_TI	-	-	DATA OUT FOR TI DSP
128	P76/RxD3	I/O,I	SI	I	DX1_TI	-	-	DATA IN FROM TI DSP
129	P75/TMO3/SCK3	I/O,I/O,I/O	SC	I	CLKX_1_TI	-	-	SERIAL CLOCK OUT FOR TI DSP
130	P74/TMO2/~MRES	I/O,O	O	O	V_STB	-	-	SHIFT REGISTER STROBE
131	P73/TMO1	I/O,O	O	O	V_CLK	-	-	Video SHIFT REGISTER CLOCK
132	P72/TMO0	I/O,O	O	O	V_DATA	-	-	Video SHIFT REGISTER DATA
133	P71/TMRI23/TMCI23	I/O,O,O	O	I	_M_OSD_CE	L	H	MULTI R OSD CHIP ENABLE
134	P70/TMRI01/TMCI01	I/O,O,O	O	O	5VL_SW	H	-	5VL SWITCH
135	PG4	I/O	O	I	FSX1_TI	L	-	CE OUT FOR TI DSP
136	PG3	I/O	O	I	RES_TI	L	H	RESET OUT FOR TI DSP
137	PG2	I/O	O	I	_RST_SBDAC	L	L	SURROUND BACK DAC RESET
138	PG1/~IRQ7	I/O,I	INT	I	DIR_INT	L	-	DIR INT
139	PG0/~IRQ6	I/O,I	INT	I	ERR_TI	L	-	MUTE CONTROL IN FROM TI DSP
140	PE0	I/O	I	I	RTS_M-IF	-	-	RTS IN FROM 1394 MODULE
141	PE1	I/O	O	I	CTS_M-IF	-	-	CTS OUT FOR 1394 MODULE
142	PE2	I/O	O	I	V_RTS	-	-	RTS FOR VIDEO CPU
143	PE3	I/O	I	I	V_CTS	-	-	CTS FOR VIDEO CPU
144	PE4	I/O	O	I	HDMI_AUD_SW	H	L	AUDIO SW FOR HDMI

Q504, Q791, QO51, QO52, QO54 : TC74VHC157FT

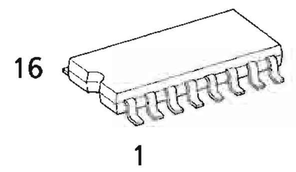
QUAD 2 - CHANNEL MULTIPLEXER

(Note) The JEDEC SOP (FN) is not available in Japan.

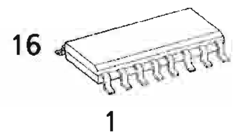
The TC74VHC157 is an advanced high speed CMOS QUAD 2 - CHANNEL MULTIPLEXER fabricated with silicon gate C^2MOS technology.
It achieves the high speed operation similar to equivalent Bipolar Schottky TTL while maintaining the CMOS low power dissipation.
It consists of four 2 - input digital multiplexers with common select and strobe inputs.
When the $\overline{\text{STROBE}}$ input is held "H" level, selection of data is inhibited and all the outputs become "L" level.
The SELECT decoding determines whether the A or B inputs get routed to their corresponding Y outputs.
An Input protection circuit ensures that 0 to 5.5V can be applied to the input pins without regard to the supply voltage. This device can be used to interface 5V to 3V systems and on two supply systems such as battery back up. This circuit prevents device destruction due to mismatched supply and input voltages.

FEATURES :

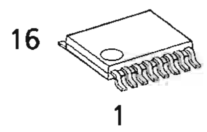
- High Speed··································t_{pd} = 4.1ns(typ.) at V_{CC} = 5V
- Low Power Dissipation···············I_{CC} = 4μA(Max.) at Ta = 25°C
- High Noise Immunity·················V_{NIH} = V_{NIL} = 28% V_{CC} (Min.)
- Power Down Protection is provided on all inputs.
- Balanced Propagation Delays·····$t_{pLH} \simeq t_{pHL}$
- Wide Operating Voltage Range····V_{CC} (opr) = 2V ~ 5.5V
- Low Noise ···································V_{OLP} = 0.8V (Max.)
- Pin and Function Compatible with 74ALS157



F (SOP16-P-300-1.27)
Weight : 0.18g (Typ.)

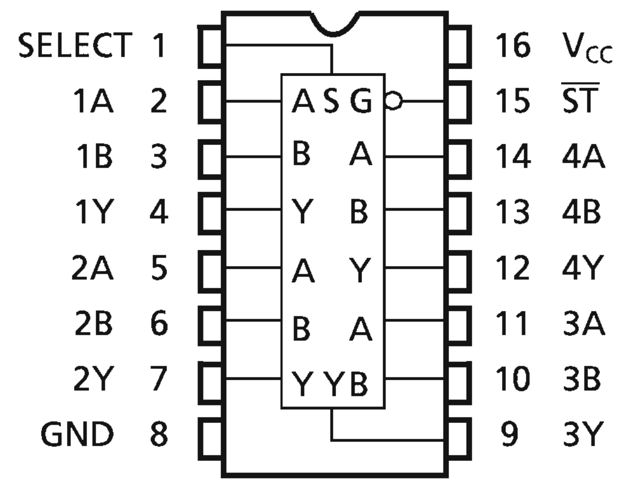


FN (SOL16-P-150-1.27)
Weight : 0.13g (Typ.)



FT (TSSOP16-P-0044-0.65)
Weight : 0.06g (Typ.)

PIN ASSIGNMENT



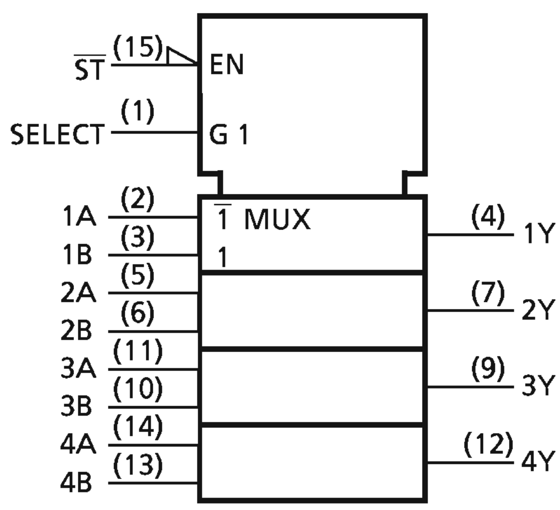
(TOP VIEW)

TRUTH TABLE

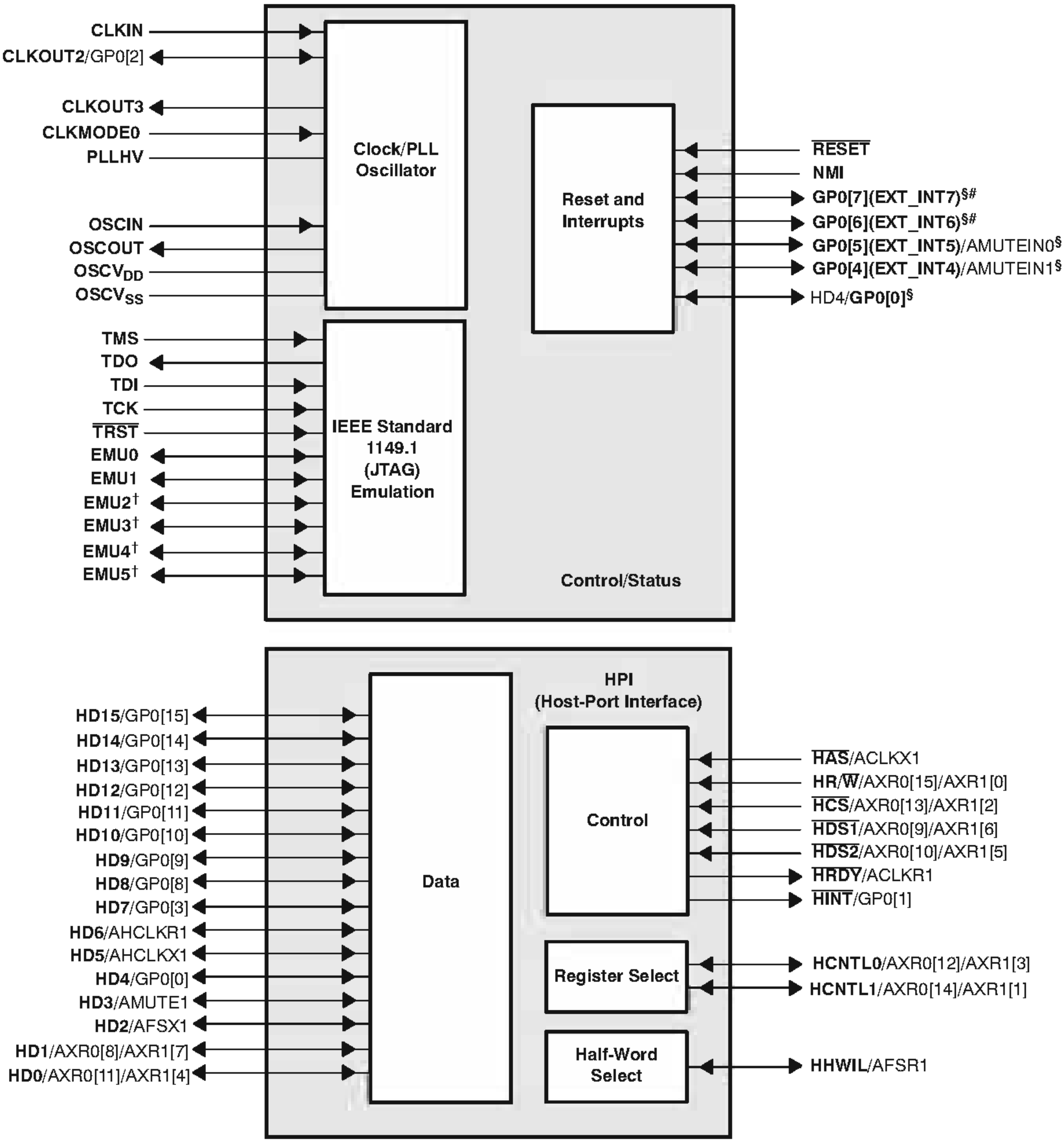
INPUTS				OUTPUT
$\overline{\text{ST}}$	SELECT	A	B	
H	X	X	X	L
L	L	L	X	L
L	L	H	X	H
L	H	X	L	L
L	H	X	H	H

X : Don't Care

IEC LOGIC SYMBOL



Q701 : TMS320DA610A003BPYP225



† These external pins are applicable to the GDP package only.
‡ The GP0[15:0] pins, through interrupt sharing, are external interrupt capable via GP0INT0. For more detail, see the external interrupt section of this data sheet. For more detail on interrupt sharing, see the *TMS320C6000 DSP Interrupt Selector Reference Guide* (literature number SPRU646).
§ All of these pins are external interrupt sources. For more detail, see the external interrupt sources section of this data sheet.

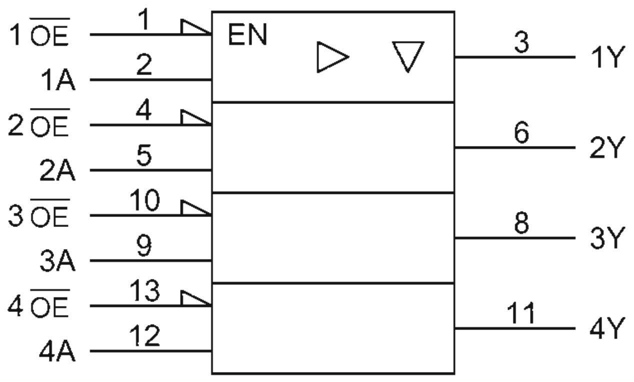
Q701 : TMS320DA610A003BPYP225

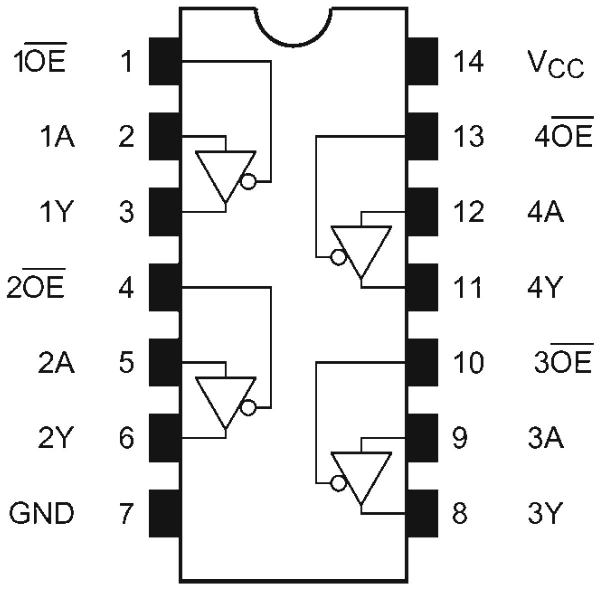
Terminal Functions

SIGNAL NAME	PIN NO. PYP	PIN NO. GDP	TYPE†	IPD/ IPU‡	DESCRIPTION
CLOCK/PLL CONFIGURATION					
CLKIN	204	A3	I	IPD	Clock Input
CLKOUT2/GP0[2]	82	Y12	O/Z	IPD	Clock output at half of device speed (**O/Z**) [default] (SYSCLK2 internal signal from the PLL controller) or this pin can be programmed as GP0[2] pin (I/O/Z)
CLKOUT3	184	D10	O	IPD	Programmable clock output (OSC Divider internal signal from PLL controller)
CLKMODE0	205	C4	I	IPU	PLL input clock source select • Selects whether the PLL input clock is CLKIN (square wave) [pin high] or whether the PLL input clock is directly from the crystal oscillator (OSCIN and OSCOUT) [pin low].
PLLHV	202	C5	A§		Analog power (3.3 V) for PLL
OSCIN	178	D12	I		Crystal oscillator Input (XI)
OSCOUT	179	C12	O		Crystal oscillator output (XO)
$OSCV_{DD}$	181	A12	S		Power for crystal oscillator (1.2 V), ***Do not*** connect to board power 1.2 V; for optimum performance, connected internally. If CLKIN is used instead of the oscillator, then this pin can be left open or connected to CV_{DD}.
$OSCV_{SS}$	180	B11	GND		Ground for crystal oscillator, ***Do not*** connect to board ground; for optimum performance, connected internally. If CLKIN is used instead of the oscillator, then this pin can be left open or connected to V_{SS}.
JTAG EMULATION					
TMS	192	B7	I	IPU	JTAG test port mode select
TDO	187	A8	O/Z	IPU	JTAG test port data out
TDI	191	A7	I	IPU	JTAG test port data in
TCK	193	A6	I	IPU	JTAG test port clock
$\overline{\text{TRST}}$	197	B6	I	IPD	JTAG test port reset. For IEEE 1149.1 JTAG compatibility, see the *IEEE 1149.1 JTAG Compatibility Statement* section of this data sheet.
EMU5		B12	I/O/Z	IPU	Emulation pin 5. Reserved for future use, leave unconnected.
EMU4		C11	I/O/Z	IPU	Emulation pin 4. Reserved for future use, leave unconnected.
EMU3		B10	I/O/Z	IPU	Emulation pin 3. Reserved for future use, leave unconnected.
EMU2		D3	I/O/Z	IPU	Emulation pin 2. Reserved for future use, leave unconnected.
EMU1 EMU0	185 186	B9 D9	I/O/Z	IPU	Emulation [1:0] pins • Select the device functional mode of operation EMU[1:0] — Operation 00 — Boundary Scan/Functional Mode (see Note) 01 — Reserved 10 — Reserved 11 — Emulation/Functional Mode [default] (see the *IEEE 1149.1 JTAG Compatibility Statement* section of this data sheet) The DSP can be placed in Functional mode when the EMU[1:0] pins are configured for either Boundary Scan or Emulation. Note: When the EMU[1:0] pins are configured for Boundary Scan mode, the internal pulldown (IPD) on the $\overline{\text{TRST}}$ signal must ***not*** be opposed in order to operate in Functional mode. For the Boundary Scan mode drive EMU[1:0] *and* $\overline{\text{RESET}}$ pins low.

† I Input, O Output, Z High impedance, S Supply voltage, GND Ground
‡ IPD Internal pulldown, IPU Internal pullup. [These IPD/IPU signal pins feature a 13 kΩ resistor (approximate) for the IPD or 18 kΩ resistor (approximate) for the IPU. An external pullup or pulldown resistor no greater than 4.4 kΩ and 2.0 kΩ, respectively, should be used to pull a signal to the opposite supply rail.]
§ A Analog signal (PLL Filter)

QA31, QO15, QU53 : TC74VHC125FT



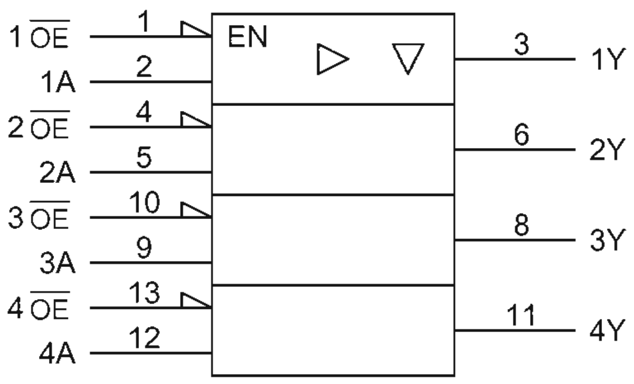


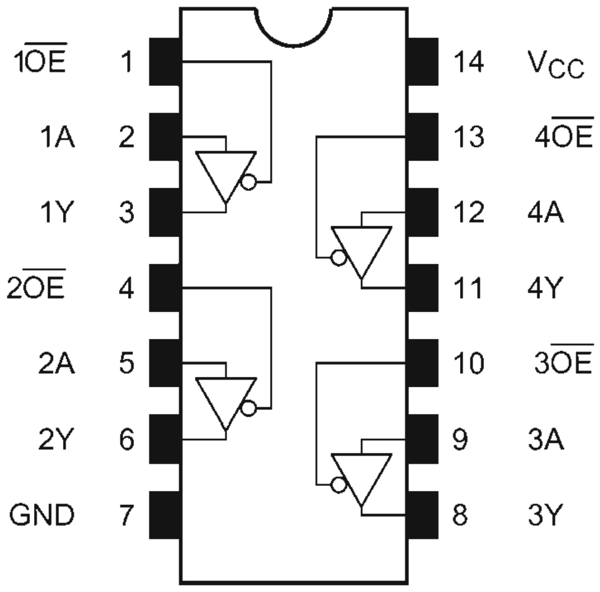
Inputs		Outputs
$\overline{OE}$	A	Y
H	X	Z
L	L	L
L	H	H

X: Don't care

Z: High impedance

QA32, QA33, QA34, QA35 QA36 : TC74LCX541FT(EL,K)



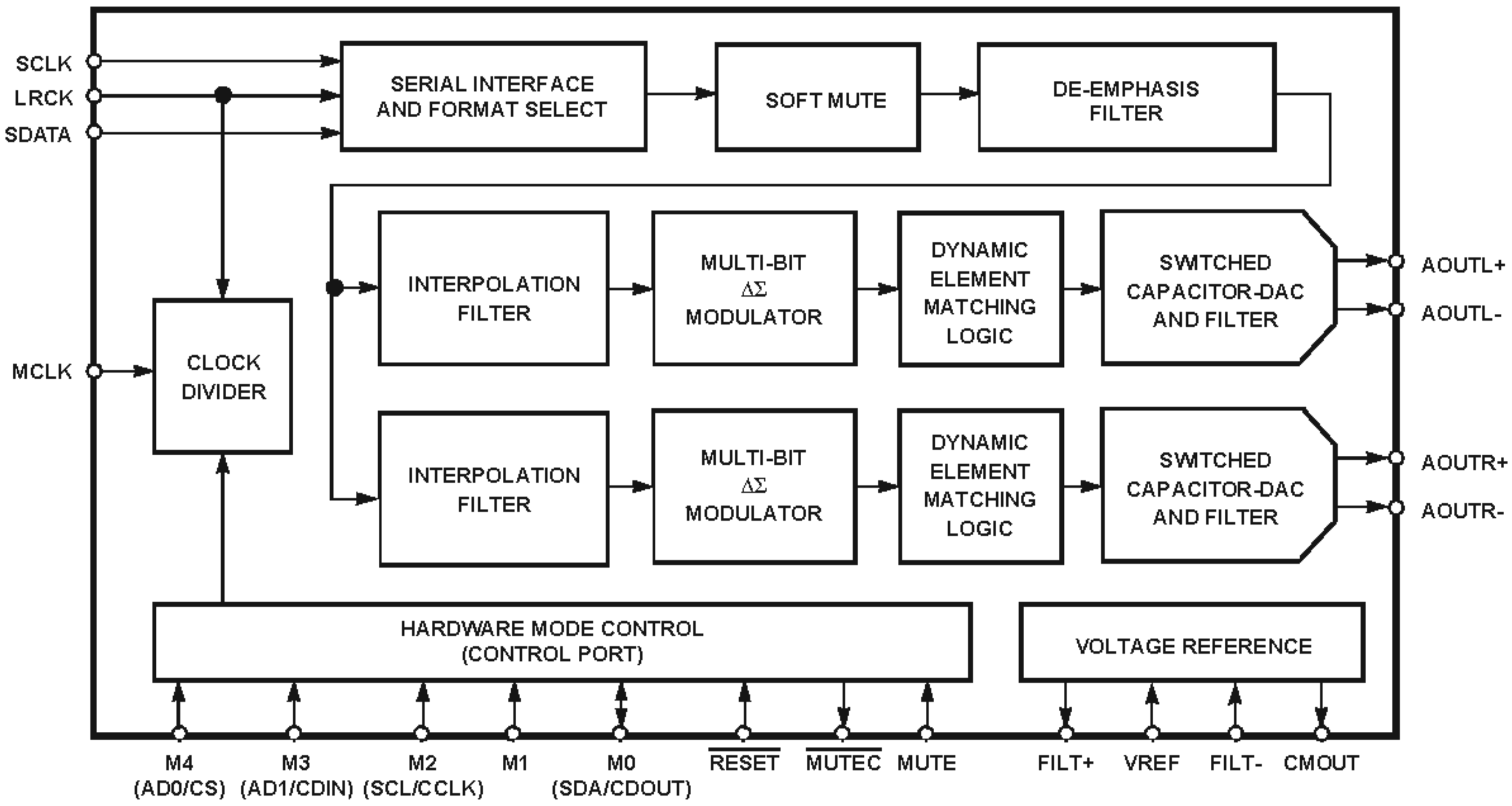


Inputs		Outputs
$\overline{OE}$	A	Y
H	X	Z
L	L	L
L	H	H

X: Don't care

Z: High impedance

QD01, QD03, QD05, QD07 : CS4397-KSZ



4.0 PIN DESCRIPTION - PCM MODE

Description	Name	Pin	Pin	Name	Description
Reset	$\overline{RST}$	1	28	VREF	Voltage Reference
See Description	M4(AD0/$\overline{CS}$)	2	27	FILT+	Reference Filter
See Description	M3(AD1/CDIN)	3	26	FILT-	Reference Ground
See Description	M2(SCL/CCLK)	4	25	CMOUT	Common ModeS Voltage
See Description	M0(SDA/CDOUT)	5	24	AOUTL-	Differential Output
Digital Ground	DGND	6	23	AOUTL+	Differential Output
Digital Power	VD	7	22	VA	Analog Power
Digital Power	VD	8	21	AGND	Analog Ground
Digital Ground	DGND	9	20	AOUTR+	Differential Output
Master Clock	MCLK	10	19	AOUTR-	Differential Output
Serial Clock	SCLK	11	18	AGND	Analog Ground
Left/Right Clock	LRCK	12	17	$\overline{MUTEC}$	Mute Control
Serial Data	SDATA	13	16	C/$\overline{H}$	Control port/Hardware select
See Description	M1	14	15	$\overline{MUTE}$	Soft Mute

Reset - $\overline{RST}$

Pin 1, Input

Function.

The device enters a low power mode and all internal state machines registers are reset when low When high, the device will be in a normal operation mode

$\overline{RST}$	DESCRIPTION
0	Enabled
1	Normal operation mode

Digital Ground - DGND

Pins 6 and 9, Inputs

Function.

Digital ground reference

Digital Power - VD

Pins 7 and 8, Input

Function.

Digital power supply Typically 5 0 to 3 0 VDC

Master Clock - MCLK

Pin 10, Input

Function.

The master clock frequency must be either 256x, 384x, 512x or 768x the input sample rate in Single Speed Mode, either 128x, 192x 256x or 384x the input sample rate in Double Speed Mode, or 64x, 96x 128x or 192x the input sample rate in Quad Speed Mode Tables 4-6 illustrate the standard audio sample rates and the required master clock frequencies

Sample Rate (kHz)	MCLK (MHz)			
	256x	384x	512x	768x
32	8 1920	12 2880	16 3840	24 5760
44 1	11 2896	16 9344	22 5792	33 8688
48	12 2880	18 4320	24 5760	36 8640

Table 4. Single Speed (16 to 50 kHz sample rates) Common Clock Frequencies

Sample Rate (kHz)	MCLK (MHz)			
	128x	192x	256x	384x
64	8 1920	12 2880	16 3840	24 5760
88 2	11 2896	16 9344	22 5792	33 8688
96	12 2880	18 4320	24 5760	36 8640

Table 5. Double Speed (50 to 100 kHz sample rates) Common Clock Frequencies

Sample Rate (kHz)	MCLK (MHz)			
	64x	96x	128x	192x
176 4	11 2896	16 9344	22 5792	33 8688
192	12 2880	18 4320	24 5760	36 8640

Table 6. Quad Speed (100 to 200 kHz sample rates) Common Clock Frequencies

Serial Clock - SCLK

Pin 11, Input

Function.

Clocks individual bits of serial data into the SDATA pin. The required relationship between the Left/Right clock, serial clock and serial data is defined by either the Mode Control Byte in Control Port Mode or the M0 - M4 pins in Hardware Mode The options are detailed in Figures 29-33

Left/Right Clock - LRCK

Pin 12, Input

Function.

The Left/Right clock determines which channel is currently being input on the serial audio data input, SDATA The frequency of the Left/Right clock must be at the input sample rate Audio samples in Left/Right sample pairs will be simultaneously output from the digital-to-analog converter whereas Right/Left pairs will exhibit a one sample period difference The required relationship between the Left/Right clock, serial clock and serial data is defined by the Mode Control Byte and the options are detailed in Figures 29-33

Serial Audio Data - SDATA

Pin 13, Input

Function.

Two's complement MSB-first serial data is input on this pin The data is clocked into SDATA via the serial clock and the channel is determined by the Left/Right clock The required relationship between the Left/Right clock, serial clock and serial data is defined by the Mode Control Byte and the options are detailed inin Figures 29-33

Soft Mute - $\overline{MUTE}$

Pin 15, Input

Function.

The analog outputs will ramp to a muted state when enabled The ramp requires 1152 left/right clock cycles in Single Speed, 2304 cycles in Double Speed and 4608 cycles in Quad Speed mode The bias voltage on the outputs will be retained and MUTEC will go active at the completion of the ramp period

The analog outputs will ramp to a normal state when this function transitions from the enabled to disabled state The ramp requires 1152 left/right clock cycles in Single Speed, 2304 cycles in Double Speed and 4608 cycles in Quad Speed mode The MUTEC will release immediately on setting MUTE = 1

The converter analog outputs will mute when enabled The bias voltage on the outputs will be retained and MUTEC will go active during the mute period

Mute	DESCRIPTION
0	Enabled
1	Normal operation mode

Control Port / Hardware Mode Select - C/H

Pin 16, Input

Function.

Determines if the device will operate in either the Hardware Mode or Control Port Mode

C/H	DESCRIPTION
0	Hardware Mode Enabled
1	Control Port Mode Enabled

Mute Control - MUTEC

Pin 17, Output

Function.

The Mute Control pin goes low during power-up initialization, reset, muting, master clock to left/right clock frequency ratio is incorrect or power-down This pin is intended to be used as a control for an external mute circuit to prevent the clicks and pops that can occur in any single supply system Use of Mute Control is not mandatory but recommended for designs requiring the absolute minimum in extraneous clicks and pops

Analog Ground - AGND

Pins 18 and 21, Inputs

Function.

Analog ground reference

Differential Analog Outpus - AOUTR- , AOUTR+ and AOUTL- , AOUTL+

Pins 19, 20, 23 and 24, Outputs

Function.

The full scale differential analog output level is specified in the Analog Characteristics specifications table

Analog Power - VA

Pin 22, Input

Function.

Power for the analog and reference circuits Typically 5VDC

Common Mode Voltage - CMOUT

Pin 25, Output

Function.

Filter connection for internal bias voltage, typically 50% of VREF Capacitors must be connected from CMOUT to analog ground, as shown in Figure 6 CMOUT has a typical source impedence of 25 kΩ and any current drawn from this pin will alter device performance

Reference Ground - FILT-

Pin 26, Input

Function.

Ground reference for the internal sampling circuits Must be connected to analog ground

Reference Filter - FILT+

Pin 27, Output

Function.

Positive reference for internal sampling circuits External capacitors are required from FILT+ to analog ground, as shown in Figure 6 The recommended values will typically provide 60 dB of PSRR at 1 kHz and 40 dB of PSRR at 120 Hz FILT+ is not intended to supply external current

Voltage Reference Input- VREF

Pin 28, Input

Function.

Analog voltage reference Typically 5VDC

HARDWARE MODE

Mode Select - M0, M1, M2, M3, M4

Pins 2, 3, 4, 5 and 14, Inputs

Function.

The Mode Select pins determine the operational mode of the device as detailed in Tables 9-14 The options include,

Selection of the Digital Interface Format which determines the required relationship between the Left/Right clock, serial clock and serial data as detailed in Figures 29-33

Selection of the standard 15 μs/50 μs digital de-emphasis filter response, Figure 28, which requires reconfiguration of the digital filter to maintain the proper filter response for 32, 44 1 or 48 kHz sample rates

Selection of the appropriate clocking mode to match the input sample rates

Access to the Direct Stream Digital Mode

Access to the 8x Interpolation Input Mode

CONTROL PORT MODE

Address Bit 0 / Chip Select - AD0 / CS

Pin 2, Input

Function.

In I²C mode, AD0 is a chip address bit CS is used to enable the control port interface in SPI mode The device will enter the SPI mode at anytime a high to low transition is detected on this pin Once the device has entered the SPI mode, it will remain until either the part is reset or undergoes a power-down cycle

Address Bit 1 / Control Data Input - AD1/CDIN

Pin 3, Input

Function.

In I²C mode, AD1 is a chip address bit CDIN is the control data input line for the control port interface in SPI mode

Serial Control Interface Clock - SCL/CCLK

Pin 4, Input

Function.

In I²C mode, SCL clocks the serial control data into or from SDA/CDOUT

In SPI mode, CCLK clocks the serial data into AD1/CDIN and out of SDA/CDOUT

Serial Control Data I/O - SDA/CDOUT

Pin 5, Input/Output

Function.

In I²C mode, SDA is a data input/output CDOUT is the control data output for the control port interface in SPI mode

M1 - Mode Select

Pin 14, Input

Function.

This pin is not used in Control Port Mode and must be terminated to ground

5.0 PIN DESCRIPTION - DSD MODE

Refer to PCM mode	RST	1	28	VREF	Refer to PCM mode
Refer to PCM mode	M4(ADO/CS)	2	27	FILT+	Refer to PCM mode
Refer to PCM mode	M3(AD1/CDIN)	3	26	FILT-	Refer to PCM mode
Refer to PCM mode	M2(SCL/CCLK)	4	25	CMOUT	Refer to PCM mode
Refer to PCM mode	M0(SDA/CDOUT)	5	24	AOUTL-	Refer to PCM mode
Refer to PCM mode	DGND	6	23	AOUTL+	Refer to PCM mode
Refer to PCM mode	VD	7	22	VA	Refer to PCM mode
Refer to PCM mode	VD	8	21	AGND	Refer to PCM mode
Refer to PCM mode	DGND	9	20	AOUTR+	Refer to PCM mode
Master Clock	MCLK	10	19	AOUTR-	Refer to PCM mode
DSD Serial Clock	DSD SCLK	11	18	AGND	Refer to PCM mode
Master Clock Mode	CLKMODE	12	17	MUTEC	Refer to PCM mode
Left Channel Data	DSD L	13	16	C/H	Refer to PCM mode
Right Channel Data	DSD R	14	15	MUTE	Refer to PCM mode

Master Clock - MCLK

Pin 10, Input

Function.

The master clock frequency must be either 4x or 6x the DSD data rate for 64x oversampled DSD data and 2x or 3x the DSD data rate for 128x oversampled DSD data, refer to Table 7

CLKMODE

Pin 12, Input

Function.

This pin determines the allowable Master Clock to DSD data ratio as defined in Table 7

		CLKMODE 0	CLKMODE 1
DSD Over-Sampling Ratio	64x	4x	6x
	128x	2x	3x

Table 7. MCLK to DSD Data Rate Clock Ratios

DSD Serial Clock - DSD SCLK

Pin 11, Input

Function.

Clocks the individual bits of the DSD audio data into the DSD_L and DSD_R pins

Audio Data - DSD L and DSD R

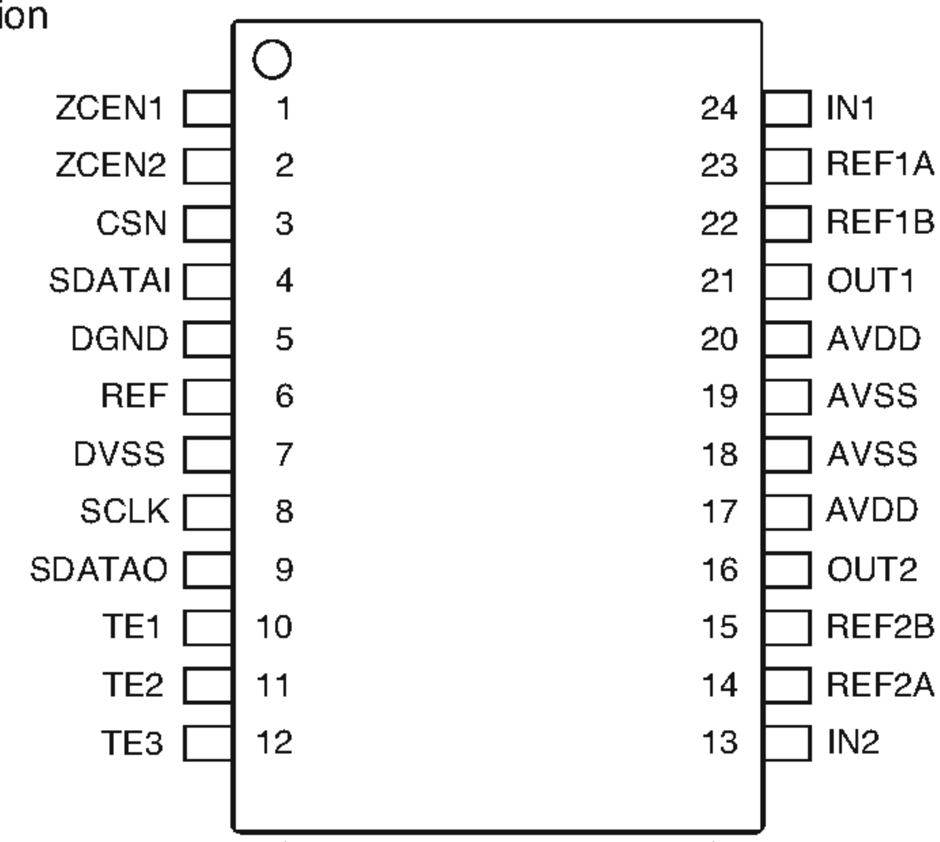
Pins 13 and 14, Inputs

Function.

Direct Stream Digital audio data is clocked into DSD_L and DSD_R via the DSD serial clock

QE01, QE02, QG01, QG02 : YAC526-EZE2

■Terminal configration



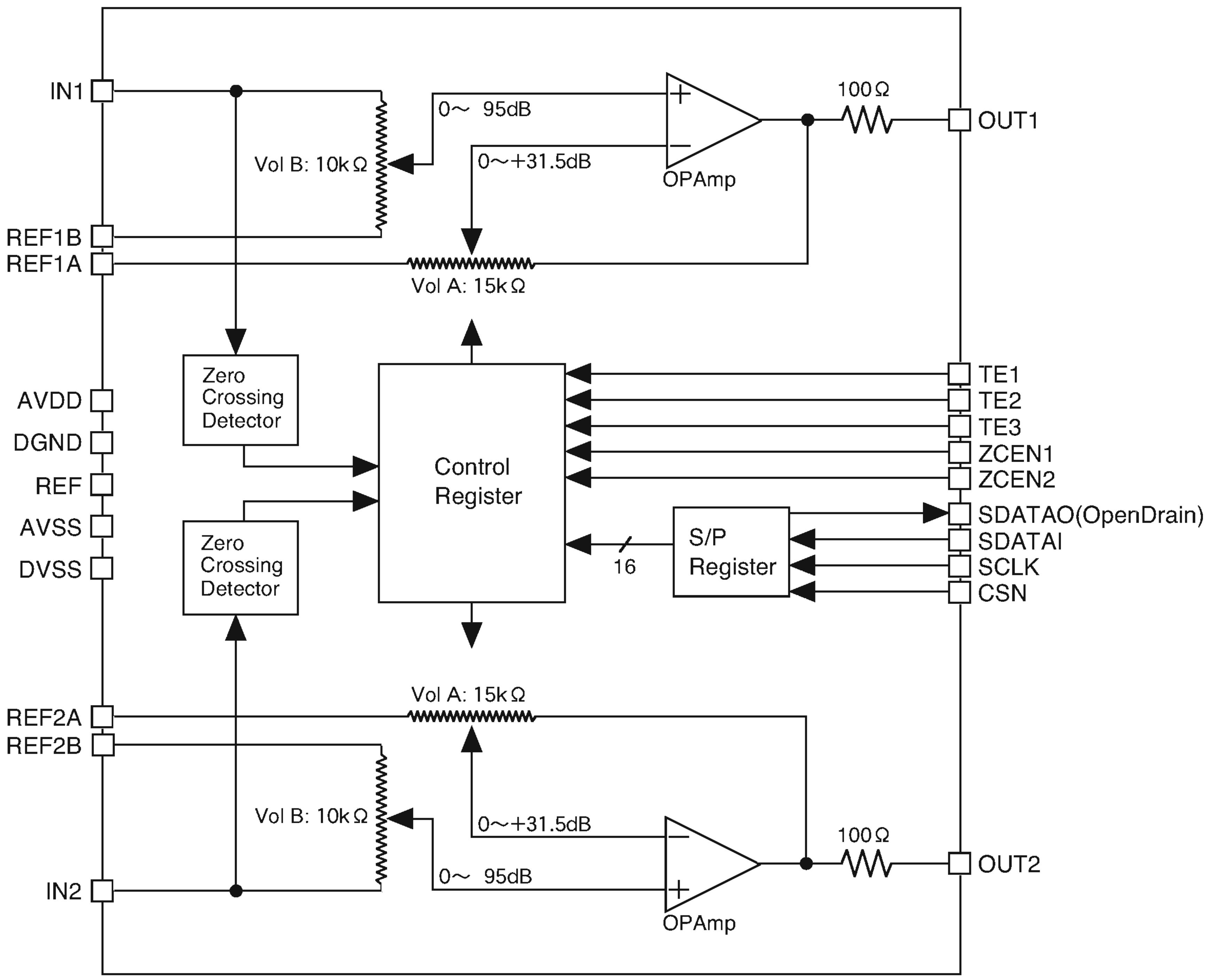
<24 pin SSOP Top View>

■Terminal function

No.	Name	I/O	Function
1	ZCEN1	I	Zero-cross control input 1. Select one from four types of zero-cross modes including non-zero-cross mode. When changing zero-cross modes during operation, set the system so that it changes at 1 second or more after the rise of CSN signal.
2	ZCEN2	I	Zero-cross control input 2. Select one from four types of zero-cross modes including non-zero-cross mode. When changing zero-cross modes during operation, set the system so that it changes at 1 second or more after the rise of CSN signal.
3	CSN	I	Chip select input
4	SDATAI	I	Serial data input
5	DGND		Digital ground
6	REF	O	Reference voltage output for digital For attaining stabilization, connect this terminal to DVSS terminal through a capacitance of $10\mu F$ or higher (C_{REF}). And please do not use this terminal output for the drive purpose of an external circuit.
7	DVSS		Minus power supply for digital (-6.0V Typ.)
8	SCLK	I	Serial clock input
9	SDATAO	OD	Serial data output Serial data are outputted from this terminal when CSN pin is "L" level. This terminal becomes high-impedance state when CSN pin is "H". Since it is an open drain output pin, pull it up through a resistor to the power supply voltage (to be AVDD or less) of a device to be connected. Do not allow output current of 1.5mA or over.
10	TE1	I	Test terminal (Pull-down) Non connection or connect to DGND terminal.
11	TE2	I	Test terminal (Pull-down) Non connection or connect to DGND terminal.
12	TE3	I	Test terminal (Pull-down) Non connection or connect to DGND terminal.
13	IN2	AI	ch2 analog input The output impedance of input signal source is used less than 10kΩ. When avoid the use of this terminal, connect to ground.
14	REF2A	AI	ch2 analog reference voltage input A Connect to ground directly.
15	REF2B	AI	ch2 analog reference voltage input B Connect to ground directly.
16	OUT2	AO	ch2 analog output
17	AVDD		Plus power supply for analog (+6.0V Typ.)
18	AVSS		Minus power supply for analog (-6.0V Typ.)
19	AVSS		Minus power supply for analog (-6.0V Typ.)
20	AVDD		Plus power supply for analog (+6.0V Typ.)
21	OUT1	AO	ch1 analog output
22	REF1B	AI	ch1 analog reference voltage input B Connect to ground directly.
23	REF1A	AI	ch1 analog reference voltage input A Connect to ground directly.
24	IN1	AI	ch1 analog input The output impedance of input signal source is used less than 10kΩ. When avoid the use of this terminal, connect to ground.

Note A: analog terminal, OD: Open drain output terminal, "L" level means V_{IL}, "H" level means V_{IH}.

QE01, QE02, QG01, QG02 : YAC526-EZE2

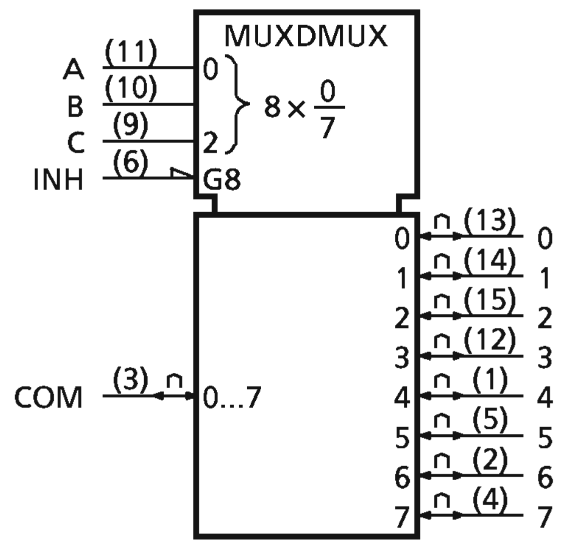


QF09, QL06, QL15 : 74HC4051

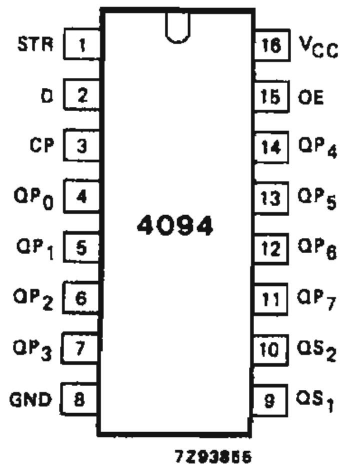
CONTROL INPUTS				"ON" CHANNEL		
INHIBIT	C*	B	A	HC4051A	HC4052A	HC4053A
L	L	L	L	0	0X, 0Y	0X,0Y,0Z
L	L	L	H	1	1X, 1Y	1X,0Y,0Z
L	L	H	L	2	2X, 2Y	0X,1Y,0Z
L	L	H	H	3	3X, 3Y	1X,1Y,0Z
L	H	L	L	4	– –	0X,0Y,1Z
L	H	L	H	5	– –	1X,0Y,1Z
L	H	H	L	6	– –	0X,1Y,1Z
L	H	H	H	7	– –	1X,1Y,1Z
H	X	X	X	NONE	NONE	NONE

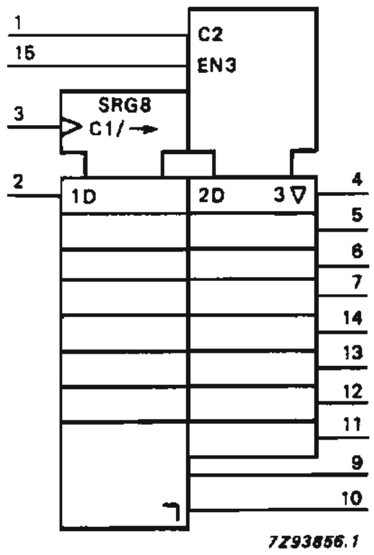
X : Don't care, * : Except HC4052A

TC74HC4051A



QF10, QF11, QLK5, QLK6, QL09, QL10 :
74HC4094BT



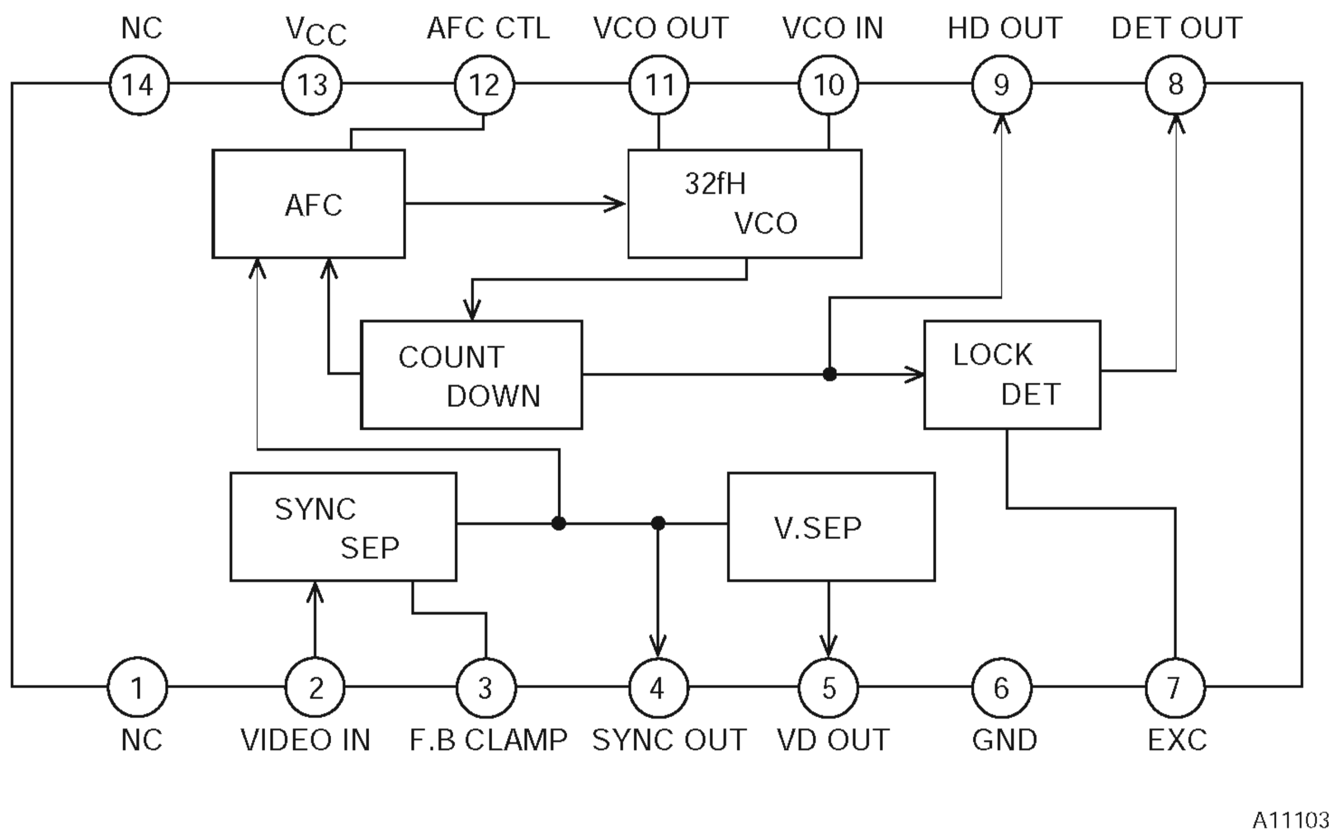


INPUTS				PARALLEL OUTPUTS		SERIAL OUTPUTS	
CP	OE	STR	D	QP_0	QP_n	QS_1	QS_2
↑	L	X	X	Z	Z	Q'_6	NC
↓	L	X	X	Z	Z	NC	QP_7
↑	H	L	X	NC	NC	Q'_6	NC
↑	H	H	L	L	QP_{n-1}	Q'_6	NC
↑	H	H	H	H	QP_{n-1}	Q'_6	NC
↓	H	H	H	NC	NC	NC	QP_7

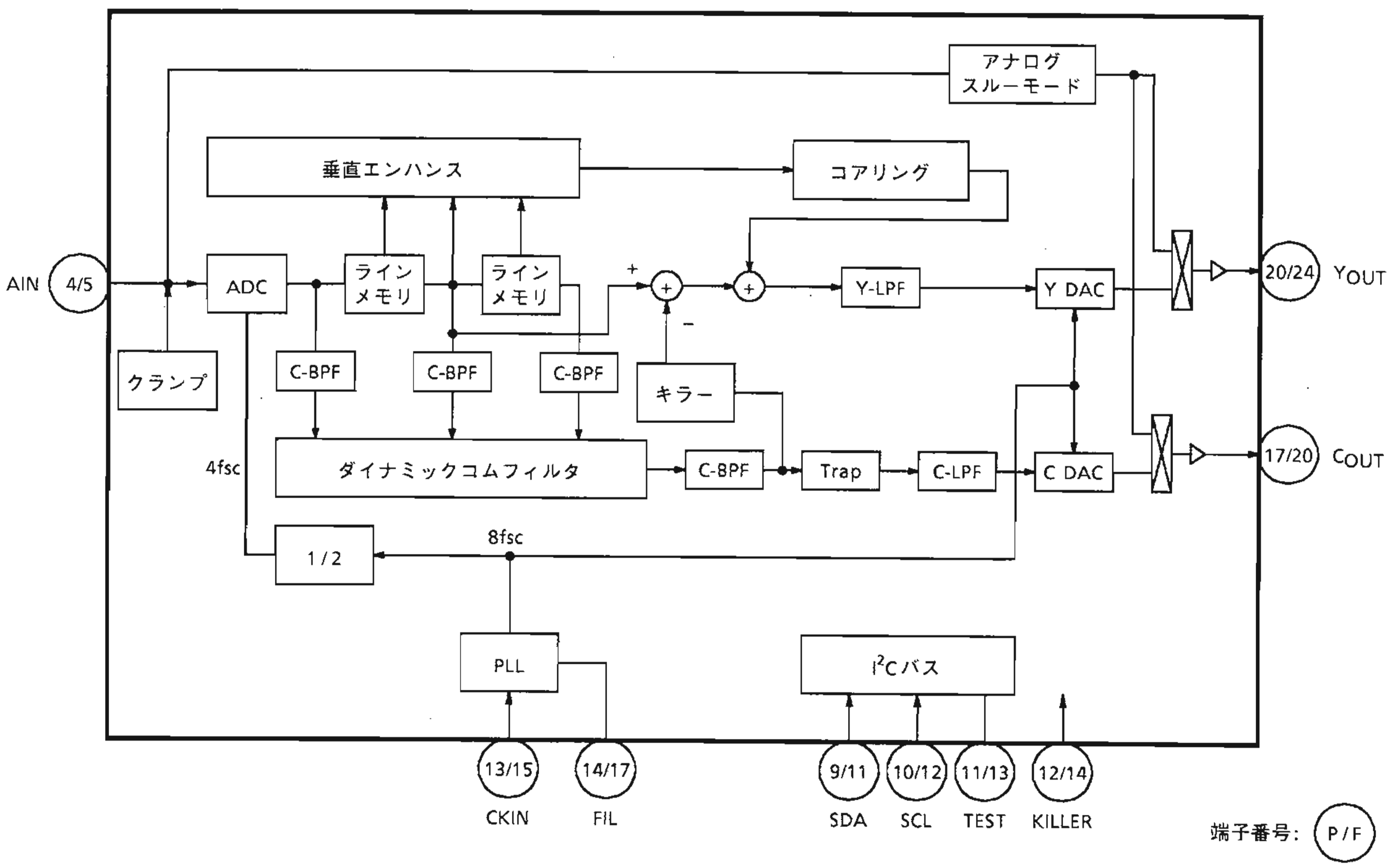
Notes

1. H = HIGH voltage level
   L = LOW voltage level
   X = don't care
   Z = high impedance OFF-state
   NC= no change
   ↑ = LOW-to-HIGH CP transition
   ↓ = HIGH-to-LOW CP transition
   Q'_6 = the information in the seventh register stage is transferred to the 8th register stage and QS_n output at the positive clock edge

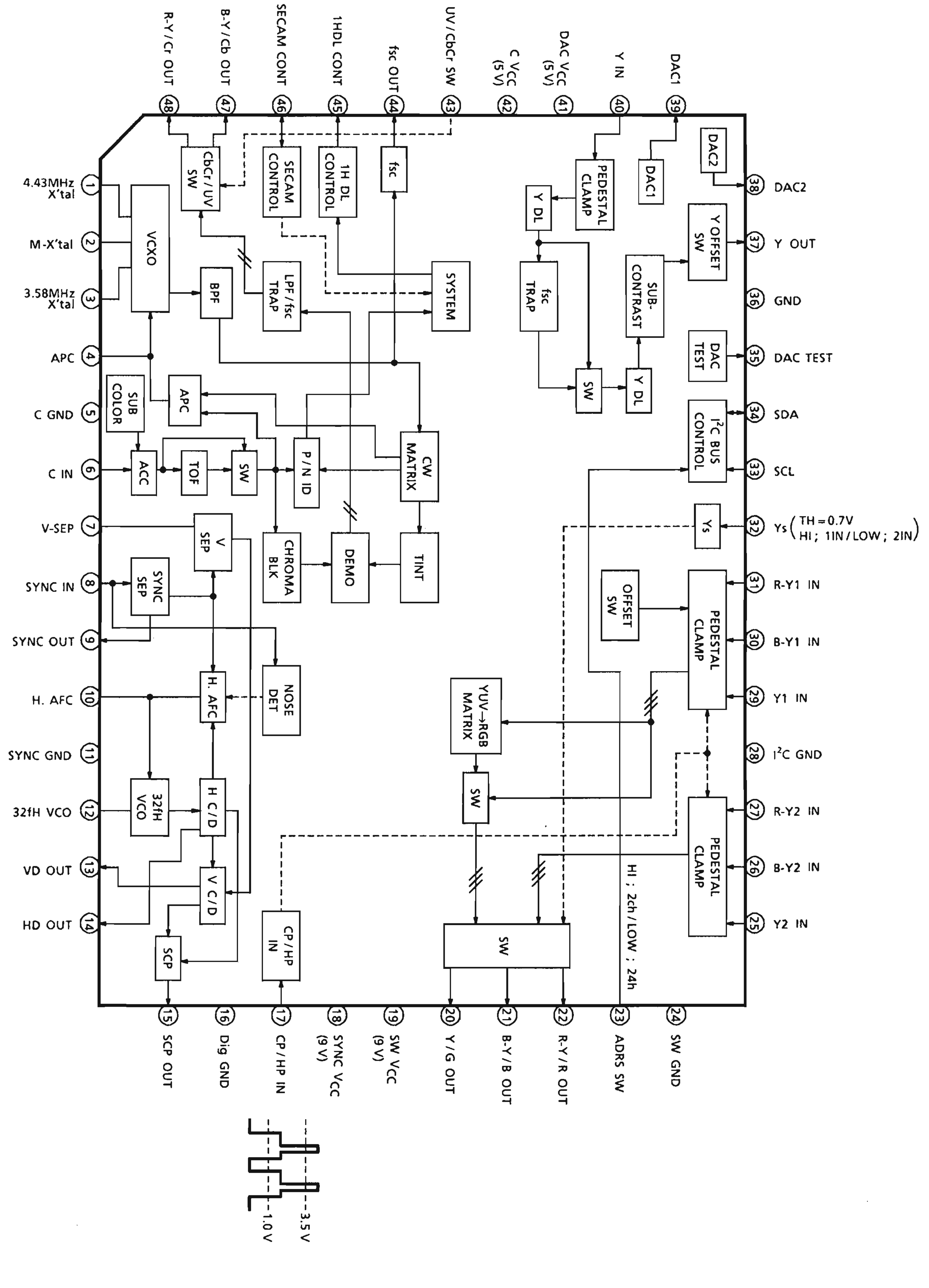
QF13, QF92 : LA7217M



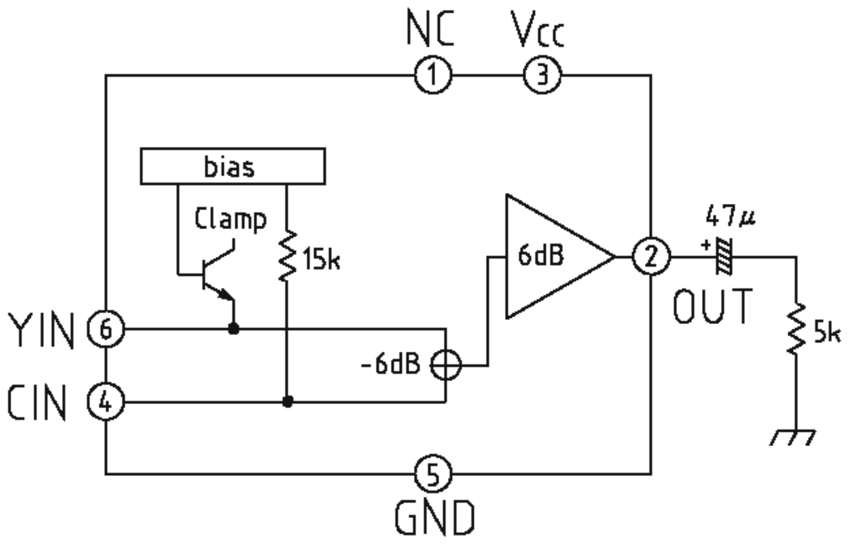
QF36 : TC90A49PG



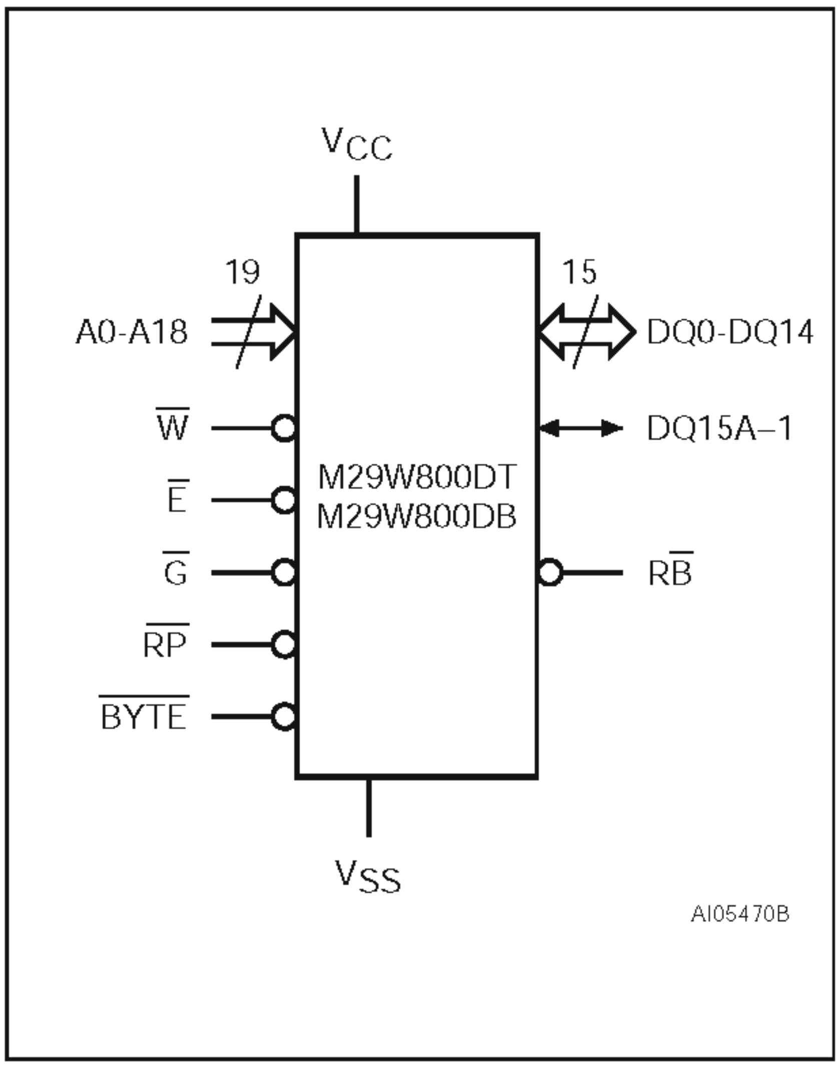
QF45 : TA1270BFG(DRY)



QF47 : MM1511XNRE



Q703, QO02 : M29W800DT70N1



A0-A18	Address Inputs
DQ0-DQ7	Data Inputs/Outputs
DQ8-DQ14	Data Inputs/Outputs
DQ15A–1	Data Input/Output or Address Input
$\overline{E}$	Chip Enable
$\overline{G}$	Output Enable
$\overline{W}$	Write Enable
$\overline{RP}$	Reset/Block Temporary Unprotect
R$\overline{B}$	Ready/Busy Output (not available on SO44 package)
$\overline{BYTE}$	Byte/Word Organization Select
V_{CC}	Supply Voltage
V_{SS}	Ground
NC	Not Connected Internally

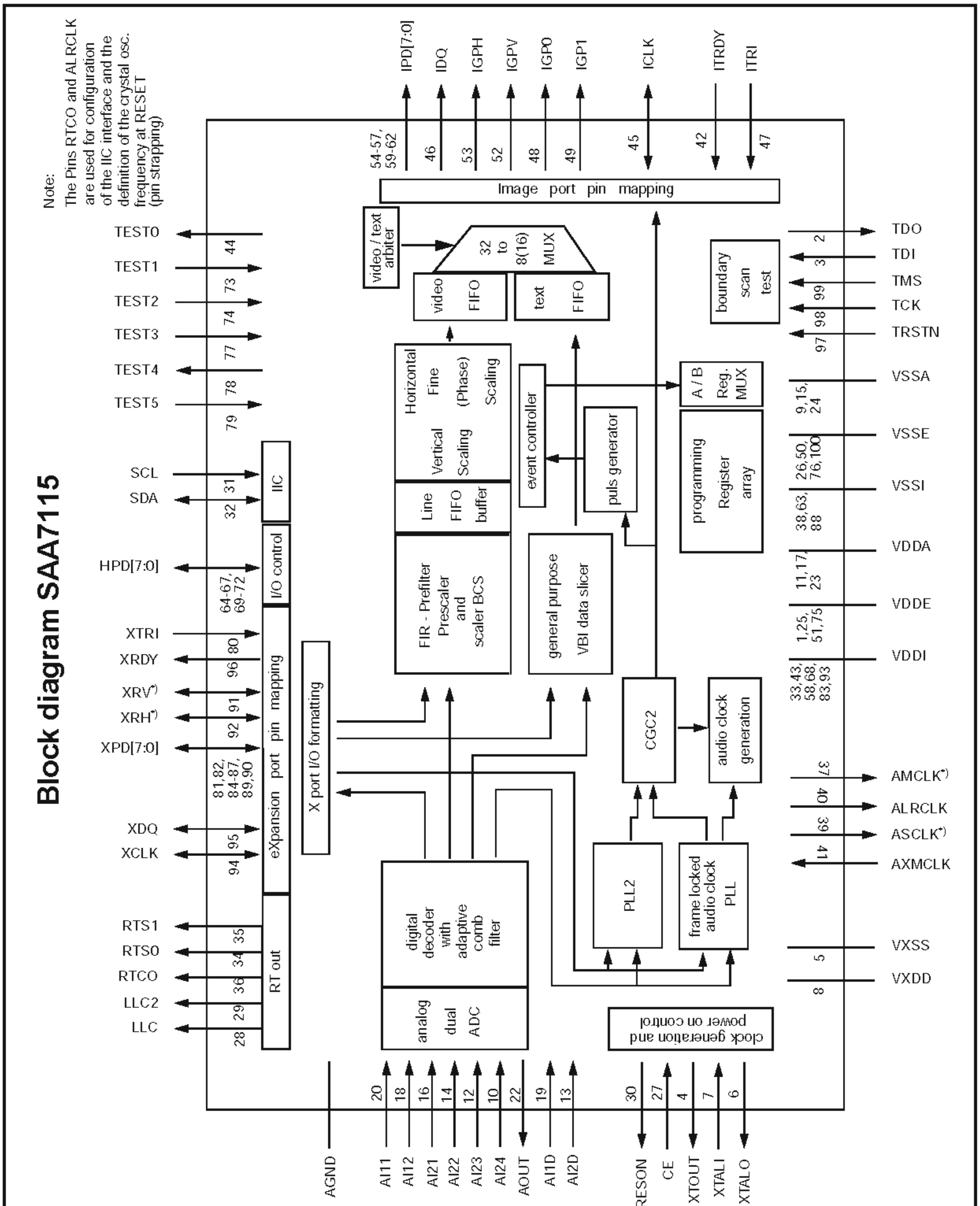


Fig.1 SAA7115 Block Diagram

QF61 : SAA7115HL/V1/G

SYMBOL	PIN	I/O/P	DESCRIPTION
V_{DDE}	1	P	digital supply voltage 3.3 V (external pad supply)
TDO	2	O	Test Data Output for Boundary Scan Test (2)
TDI	3	I	Test Data Input for Boundary Scan Test (with internal pull-up)(2)
XTOUT	4	O	crystal oscillator output signal, auxiliary signal
V_{XSS}	5	P	ground pin for crystal oscillator
XTALO	6	O	24.576 (32.11) MHz crystal oscillator output; not connected if XTALI is driven by an external single-ended oscillator.
XTALI	7	I	Input terminal for 24.576 (32.11) MHz crystal oscillator or connection of external oscillator with TTL compatible square wave clock signal.
V_{XDD}	8	P	supply voltage pin of crystal oscillator
V_{SSA2}	9	P	ground for analog inputs AI2x
AI24	10	I	analog input 24
V_{DDA2}	11	P	analog supply voltage for analog inputs AI2x (3.3V)
AI23	12	I	analog input 23
AI2D	13	I	differential input for ADC channel 2 (pins AI24, AI23, AI22, AI21)
AI22	14	I	analog input 22
V_{SSA1}	15	P	ground for analog inputs AI1x
AI21	16	I	analog input 21
V_{DDA1}	17	P	analog supply voltage for analog inputs AI1x (3.3V)
AI12	18	I	analog input 12
AI1D	19	I	differential input for ADC channel 1 (pins AI12, AI11)
AI11	20	I	analog input 11
AGND	21	P	analog ground connection
AOUT	22	O	Analog test output (do not connect)
V_{DDA0}	23	P	analog positive supply voltage for both internal CGC (Clock Generation Circuit) (3.3V)
V_{SSA0}	24	P	analog ground for internal CGC

QF61 : SAA7115HL/V1/G

SYMBOL	PIN	I/O/P	DESCRIPTION
V_{DDE}	25	P	digital supply voltage 3.3 V (external pad supply)
V_{SSE}	26	P	digital ground (external pad supply)
CE	27	I	Chip Enable or RESET input (with internal pull up)
LLC	28	O	line-locked system clock output (27 MHz nominal), for backward compatibility, do not use for new applications
LLC2	29	O	line locked clock/2 output (13.5 MHz nominal) for backward compatibility, do not use for new applications
RESON	30	O	RESet Output Not signal
SCL	31	I (/O)	IIC serial clock line (with inactive output path)
SDA	32	I/O	IIC serial data line
V_{DDI}	33	P	digital supply voltage 3.3 V internal core supply)
RTS0	34	O	real time status or sync information, controlled by subaddr. "11h and 12h"
RTS1	35	O	real time status or sync information, controlled by subaddr. "11h and 12h"
RTCO	36	(I/) O	Real Time Control Output: contains information about actual system clock frequency, field rate, odd/even sequence, decoder status, subcarrier phase and frequency and PAL sequence (according to RTC level 3.1, refer to external document "RTC Functional Specification" for details), can be strapped to supply via a 3.3 kOhm resistor to change the default IIC-wr-addresses from 42/43 (internal pull down) to 40/41.
AMCLK	37	O	audio master clock output
V_{SSI}	38	P	digital ground (internal core supply)
ASCLK	39	O	audio serial clock output
ALRCLK	40	(I/) O	audio left/right clock output, Can be strapped to supply via a 3.3 kOhm resistor indicate that the default 24.576 MHz crystal (internal pull down) has been replaced by a 32.11 MHz crystal.
AMXCLK	41	I	audio master external clock input (typing error corrected)
ITRDY	42	I	target ready input, image port (with internal pull up)
V_{DDI}	43	P	digital supply voltage 3.3 V (internal core supply)
TEST0	44	O	do not connect, reserved for future extensions and for **Testing:** scan output
ICLK	45	I/O	clock output signal for image-port, LCLK of LPB image port mode, or optional asynchron. backend clock input
IDQ	46	O	output data qualifier for image port *(optional: gated clock output)*

QF61 : SAA7115HL/V1/G

SYMBOL	PIN	I/O/P	DESCRIPTION
ITRI	47	I (/O)	image-port output control signal, effects all I-port pins incl. ICLK, enable and active polarity is under software control (bits IPE in subaddr. "87") output path used for **Testing**: scan output
IGP0	48	O	general purpose output signal 0; image-port (controlled by subaddr. "84","85")
IGP1	49	O	general purpose output signal 1; image-port (controlled by subaddr. "84","85"), same functions as IGP0
V_{SSE}	50	P	digital ground (external pad supply)
V_{DDE}	51	P	digital supply voltage 3.3 V (external pad supply)
IGPV	52	O	multi purpose vertical reference output signal; image-port (controlled by subaddr. "84","85")
IGPH	53	O	multi purpose horizontal reference output signal; image-port (controlled by subaddr. "84","85")
IPD7 IPD6 IPD5 IPD4	54 55 56 57	O O O O	image port data output
V_{DDI}	58	P	digital supply voltage 3.3 V (internal core supply)
IPD3 IPD2 IPD1 IPD0	59 60 61 62	O O O O	image port data output
V_{SSI}	63	P	digital ground (internal core supply)
HPD7 HPD6 HPD5 HPD4	64 65 66 67	I/O I/O I/O I/O	Host port data I/O, carries UV chrominance information in 16 bit video I/O modes
V_{DDI}	68	P	digital supply voltage 3.3 V (internal core supply)
HPD3 HPD2 HPD1 HPD0	69 70 71 72	I/O I/O I/O I/O	Host port data I/O, carries UV chrominance information in 16 bit video I/O modes
TEST1	73	I	do not connect, reserved for future extensions and for **Testing:** scan input

QF61 : SAA7115HL/V1/G

SYMBOL	PIN	I/O/P	DESCRIPTION
TEST2	74	I	do not connect, reserved for future extensions and for **Testing:** scan input
V_{DDE}	75	P	digital supply voltage 3.3 V (external pad supply)
V_{SSE}	76	P	digital ground (external pad supply)
TEST3	77	I	do not connect, reserved for future extensions and for **Testing:** scan input
TEST4	78	O	do not connect, reserved for future extensions and for **Testing:** scan output
TEST5	79	I	do not connect, reserved for future extensions and for **Testing:** scan input
XTRI	80	I	X-port output control signal, effects all X-port pins (XPD[7:0], XRH, XRV, XDQ and XCLK) enable and active polarity is under software control (bits XPE in subaddr. "83")
XPD7 XPD6	81 82	I/O I/O	expansion-port data: In eight bit video output mode: these signal represent the video bits 7 to 6. In ten bit video output mode: these signal represent the video bits 9 to 8.
V_{DDI}	83	P	digital supply voltage 3.3 V (internal core supply)
XPD5 XPD4 XPD3 XPD2	84 85 86 87	I/O I/O I/O I/O	expansion-port data: In eight bit video output mode: these signal represent the video bits 5 to 2. In ten bit video output mode: these signal represent the video bits 7 to 4.
V_{SSI}	88	P	digital ground (internal core supply)
XPD1 XPD0	89 90	I/O I/O	expansion-port data: In eight bit video output mode: these signal represent the video bits 1 to 0. In ten bit video output mode: these signal represent the video bits 3 to 2.
XRV	91	I/O	vertical reference I/O expansion-port: In ten bit video output mode: this signal represents the video bit 0.
XRH	92	I/O	horizontal reference I/O expansion-port: In ten bit video output mode: this signal represents the video bit 1.
V_{DDI}	93	P	digital supply voltage 3.3 V (internal core supply)
XCLK	94	I/O	clock I/O expansion port
XDQ	95	I/O	data qualifier I/O expansion port
XRDY	96	O	task flag or read signal from scaler, controlled by XRQT (subaddr. 83H)
TRSTN	97	I	Test ReSeT Not for Boundary Scan Test (with internal pull-up); for board design without Boundary Scan connect TRSTN to 'ground'[1]

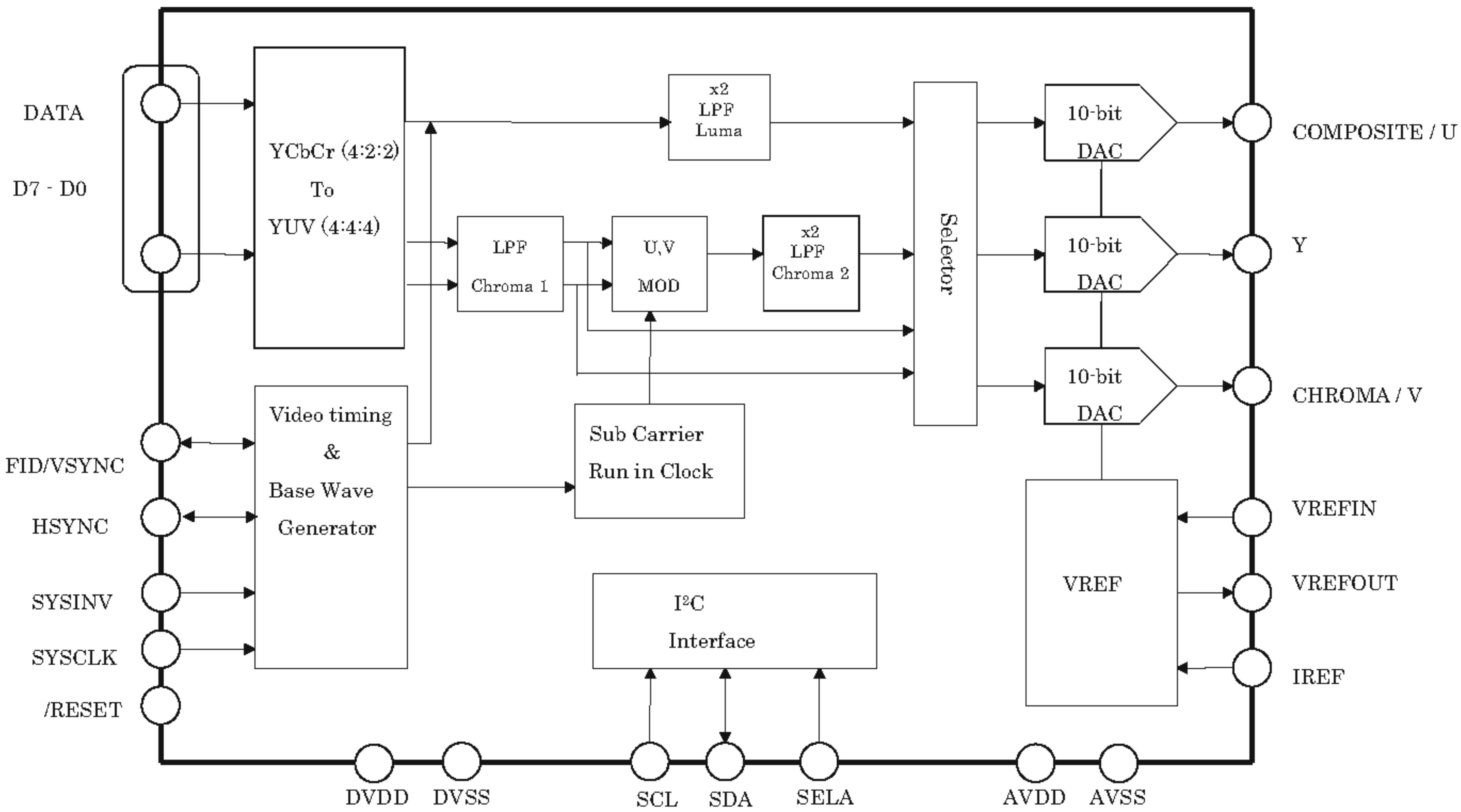
QF61 : SAA7115HL/V1/G

SYMBOL	PIN	I/O/P	DESCRIPTION
TCK	98	I	Test Clock for Boundary Scan Test (with internal pull-up)(2)
TMS	99	I	Test Mode Select for Boundary Scan Test or Scan Test (with internal pull-up)(2)
V_{SSE}	100	P	digital ground (external pad supply)

Notes

1. This pin provides easy initialization of BST circuitry. TRSTN can be used to force the TAP (Test Access Port) controller to the Test-Logic-Reset state (normal operation) at once
2. According to the IEEE1149.b1-1994 standard the pads TDI and TMS are input pads with a internal pull-up transistor and TDO a tri-state output pad. TCK, TRSTN are also build with internal pull_up

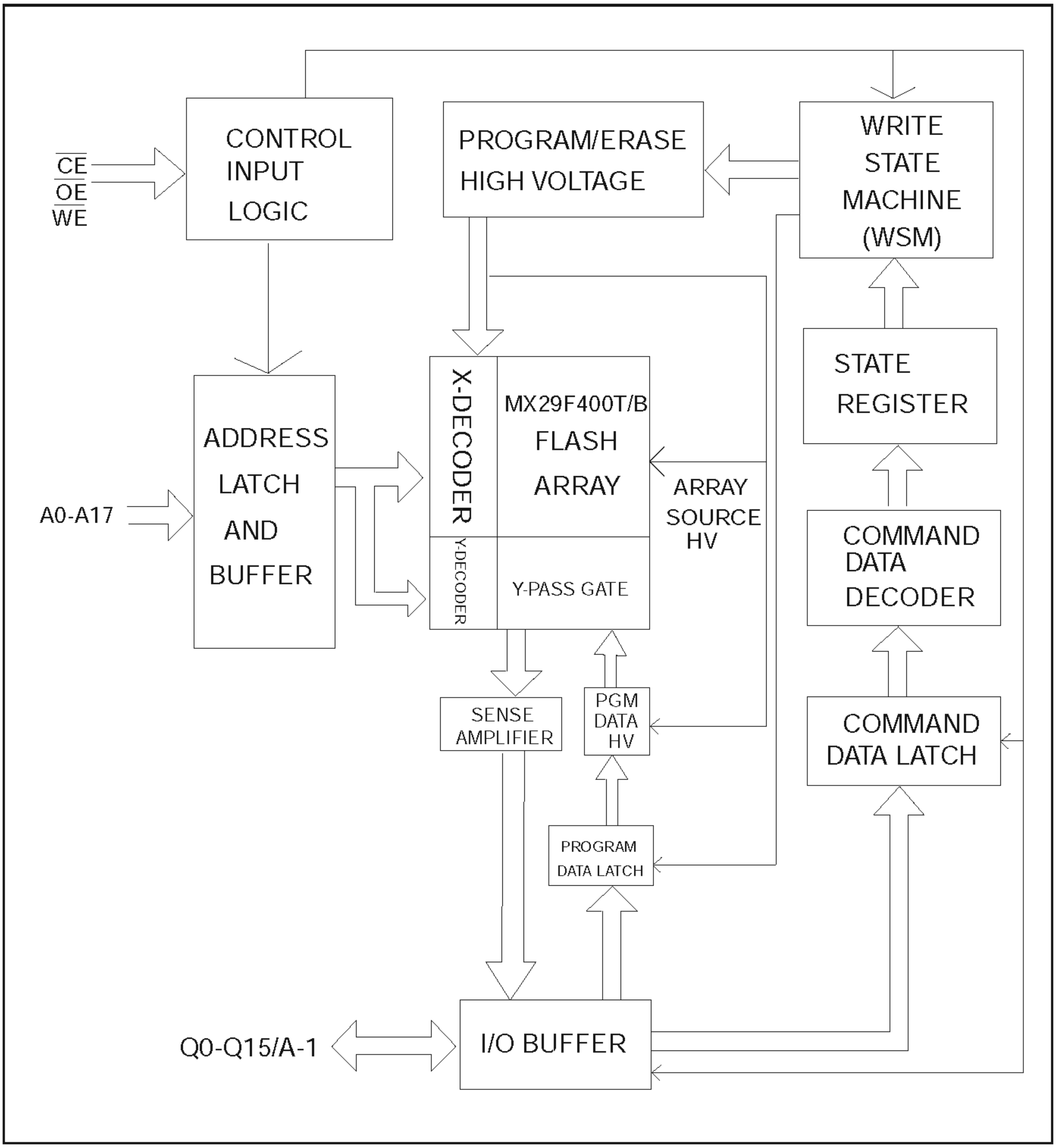
QF62 : AK8812P



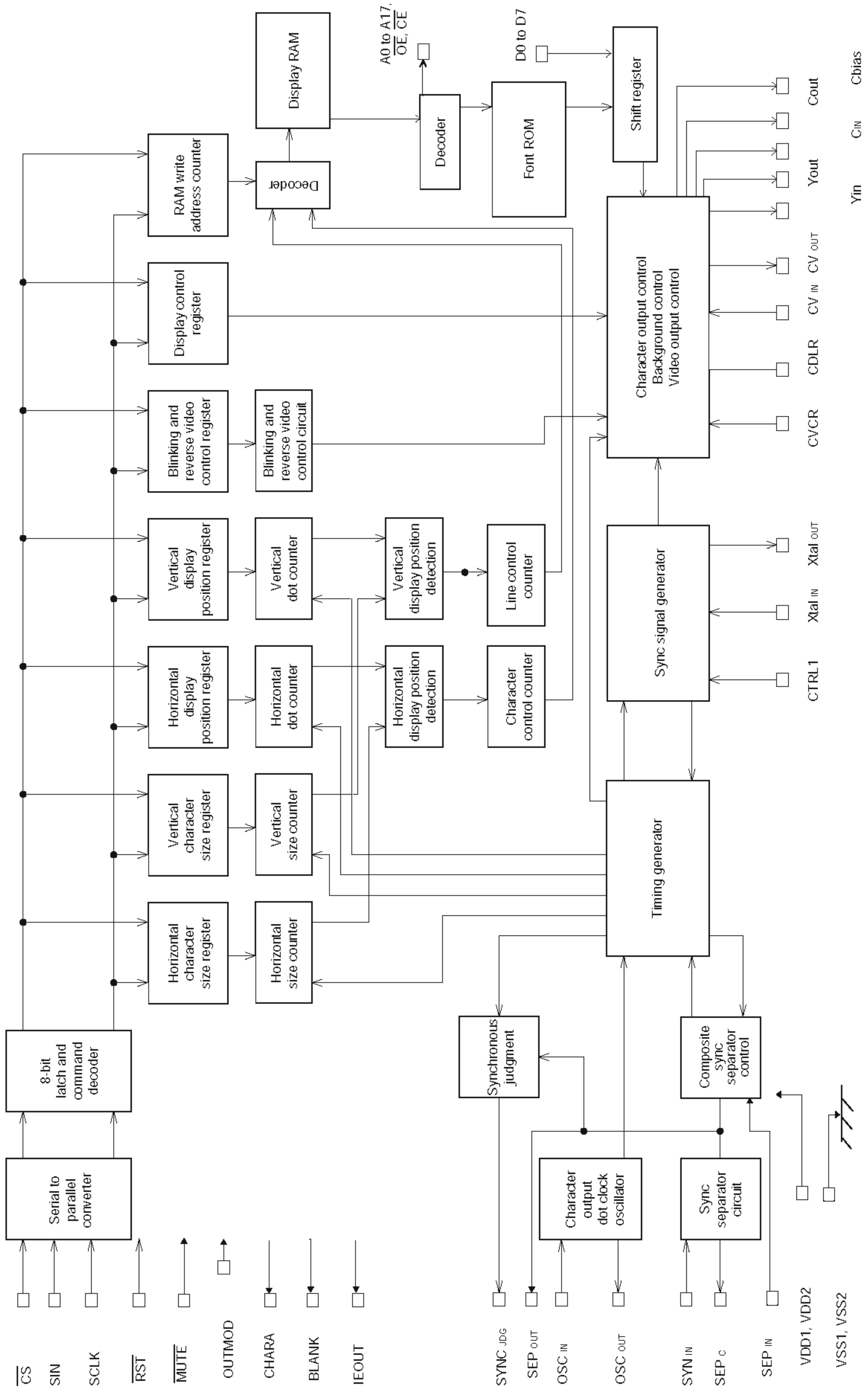
QF62 : AK8812P

No.	Pin Name	I/O	Description
2-5, 8-11	D7 - D0	I	27MHz 8-Bit 4:2:2 multiplexed Y,Cb,Cr Data Input. For Rec.656 format, AK8811/12 decodes EAV. For non-Rec.656 format (without EAV), AK8811/12 operates in Master or Slave mode.
41	SYSCLK	I	27MHz Clock Input. The polarity could be inverted by SYSINV.
48	SYSINV	I	"L " : data is latched with rising edge. "H" : data is latched with falling edge.
18	/RESET	I	After this pin becomes "L", AK8811/12 starts the internal initializing sequence. After initializing sequence, AK8811/12 is set NTSC mode, Rec.656 decoding mode. All DACs Off condition.
45	FID /VSYNC	I/O	Either of FID or VSYNC selected by the register. Rec.656 decode mode :Output Master mode : Output Slave mode : Input FID shows that "L" is odd field and "H" is even field.
46	HSYNC	I/O	Rec.656 decode mode : Output Master mode : Output Slave mode : Input
15	SCL	I	Serial interface clock
16	SDA	I/O	Serial interface data
14	SELA	I	The slave address is set with this pin. "L":40H "H":42H
27	VREFOUT	O	Output of the Internal Vref. Terminate with 0.1uF or more capacitor.
28	VREFIN	I	Input of the Reference Voltage
29	IREF	O	The currents flow this pin adjusts the full-scale output current of the DAC.
24	COMPOSITE/U	O	Output of Composite Video signal or component U
22	CHROMA/V	O	Output of the C signal or component V
20	Y	O	Output of Luminance Signal.
21,26	AVDD	P	Analog +3.3V
6,31, 42,44	DVDD	P	Digital +3.3V
19,23,25	AVSS	G	Analog Ground
7,17,47, 40,30	DVSS	G	Digital Ground
12,13	TEST1 TEST2	I	Test pin. Ground for normal operation
1, 32-39,43	PD[9:0]	I/O	Test pin. Open for normal operation

QF84 : MX29F400TTC-90



QF85 : LC74732W



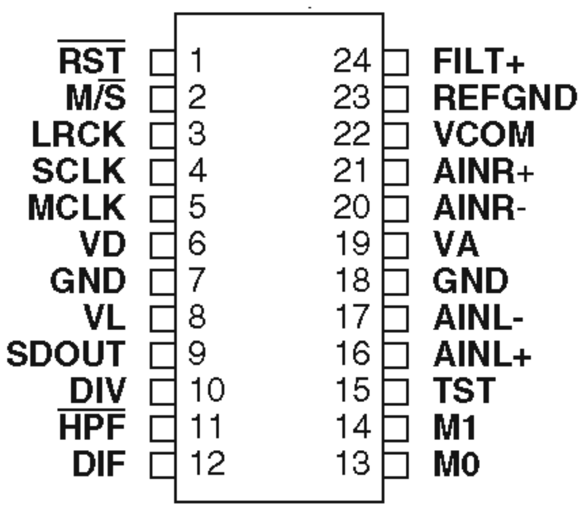
QF85 : LC74732W

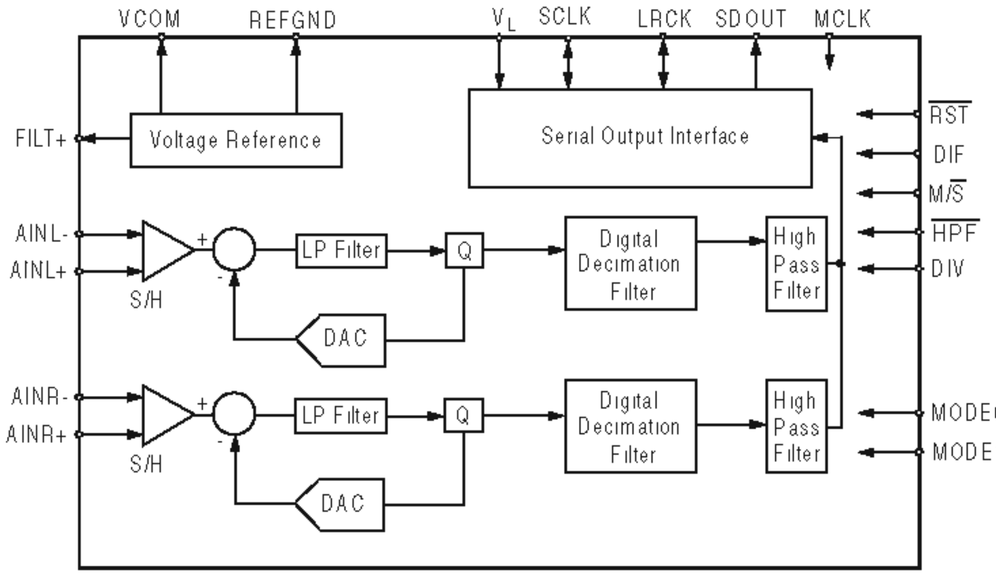
Pin No.	Pin	Function	Description
1	$V_{SS}1$	Ground	Ground connection. (Digital system ground)
2	Xtalin	Crystal oscillator connections	Connections for the crystal element and capacitors that form the internal sync signal generating crystal oscillator. Xtalin can also be used to input an external clock signal. (2fsc or 4fsc)
3	Xtalout		
4	CTRL1	Switches the crystal oscillator input	Selects external clock input mode or crystal oscillator mode. Low: crystal oscillator mode, high: external clock input mode.
5	OSCin	LC oscillator connections	Connections for the coil and capacitor that form the character output dot clock generation oscillator.
6	OSCout		
7	$\overline{\text{MUTE}}$	Muting control input	This is an active-low input with hysteresis characteristics (MORE+). When low, the CVout, Yout, and Cout outputs are set to either, (1) CSYNC, CSYNC, PE, or (2) PE PE, PE. In the initial state, (1) is selected. This setting is switched by commands.
8	CDLR	Background color phase adjustment	Connection for the resistor used to adjust the background color phase
9	SYNCJDG /Rout	External sync signal judgment output (Rout output)	Outputs the result of the judgment as to whether or not the external sync signal is present. A high level is output when a sync signal is present. The dot clock (LC oscillator) is output when $\overline{\text{RST}}$ is low. (The IC can be set up to not output this signal during resets by commands.)
10	CHARA/Gout	Character output (Gout output)	Character signal output
11	BLANK/Bout	Blank output (Bout output)	Blank signal output pin
12	IEout/BLKout	Internal/external output (BLKout output)	Internal synchronization (high)/external synchronization (low) state output pin
13	OUTMOD	Output switching input	Switches between output from pins 9 to 12 and input to pin 32. Low: normal operation, high: RGB output supported
14	$\overline{\text{CS}}$	Enable input	Serial data input enable Serial data input is enabled when low. more+ (Hysteresis input characteristics)
15	SIN	Data input	Serial data input more+ (Hysteresis input characteristics)
16	SCLK	Clock input	Serial data input clock input more+ (Hysteresis input characteristics)
17	$V_{DD}2$	Power supply	Composite video signal level adjustment power supply. (Analog system power supply)
18	COUT	Color signal output	Color (C) signal output
19	NC		This pin must either be left open or connected to ground.
20	CIN	Color signal input	Color (C) signal input
21	CBIAS	Chrominance bias output	Chrominance signal bias level output
22	NC		This pin must be either left open or connected to ground.
23	YOUT	Luminance signal output	Luminance signal (Y) output
24	NC		This pin must be either left open or connected to ground.
25	YIN	Luminance signal input	Luminance signal (Y) input
26	$V_{SS}2$	Ground	Ground
27	CVOUT	Video signal output	Composite video signal output
28	NC		This pin must either be left open or connected to ground.
29	CVIN	Video signal input	Composite video signal input
30	CVCR	Video signal input	SECAM chrominance signal input
31	HFTin	Halftone signal input	Halftone signal input
32	SYNin	Sync separator circuit input	Video signal input to the internal sync separator circuit
33	SEPout	Composite sync signal output	Composite sync signal output from the internal sync separator circuit
34	SEPin	Vertical sync signal input	Vertical sync signal input MORE+ (Hysteresis input characteristics)
35	$\overline{\text{RST}}$	Reset input	System reset input A built-in pull-up resistor can be included in this pin's input circuit. (Hysteresis input characteristics)
36	$V_{DD}1$	Power supply (+5 V)	Power supply (+5 V: digital system power supply)

QF85 : LC74732W

Pin No.	Pin	Function	Description
37	A17	Address output 17	ROM address output 17
38	A16	Address output 16	ROM address output 16
39	A15	Address output 15	ROM address output 15
40	A14	Address output 14	ROM address output 14
41	A13	Address output 13	ROM address output 13
42	A12	Address output 12	ROM address output 12
43	A11	Address output 11	ROM address output 11
44	A10	Address output 10	ROM address output 10
45	A9	Address output 9	ROM address output 9
46	A8	Address output 8	ROM address output 8
47	A7	Address output 7	ROM address output 7
48	A6	Address output 6	ROM address output 6
49	A5	Address output 5	ROM address output 5
50	A4	Address output 4	ROM address output 4
51	A3	Address output 3	ROM address output 3
52	A2	Address output 2	ROM address output 2
53	A1	Address output 1	ROM address output 1
54	A0	Address output 0	ROM address output 0
55	$\overline{OE}$	Output enable	ROM output enable output. This is an active-low output.
56	$\overline{CE}$	Chip enable	ROM chip enable output. This is an active-low output.
57	D7	Data input 7	ROM data input 7. MORE+ (Hysteresis input characteristics)
58	D6	Data input 6	ROM data input 6. MORE+ (Hysteresis input characteristics)
59	D5	Data input 5	ROM data input 5. MORE+ (Hysteresis input characteristics)
60	D4	Data input 4	ROM data input 4. MORE+ (Hysteresis input characteristics)
61	D3	Data input 3	ROM data input 3. MORE+ (Hysteresis input characteristics)
62	D2	Data input 2	ROM data input 2. MORE+ (Hysteresis input characteristics)
63	D1	Data input 1	ROM data input 1. MORE+ (Hysteresis input characteristics)
64	D0	Data input 0	ROM data input 0. MORE+ (Hysteresis input characteristics)

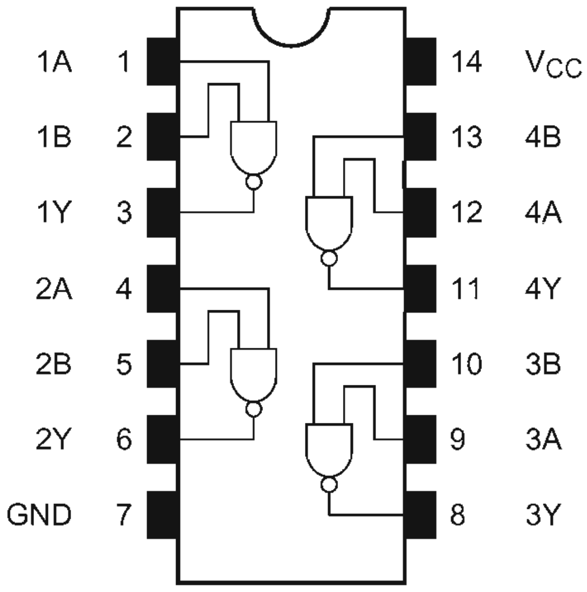
QK09, QK10, QK11, QK12 : CS5361-KSZ





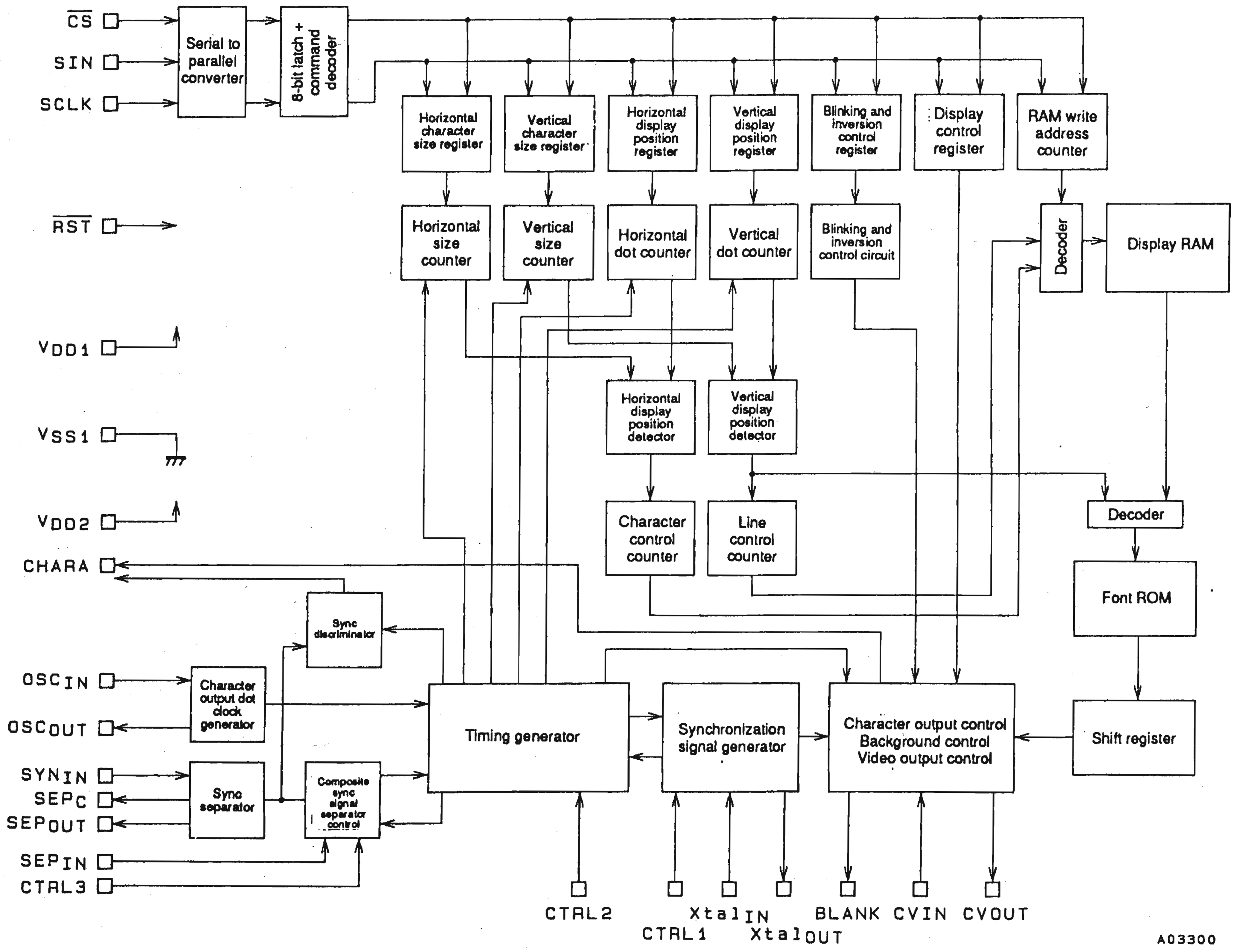
Pin Name	I/O	#	Pin Description
$\overline{\text{RST}}$	I	1	**Reset** (*Input*) - The device enters a low power mode when low.
M/$\overline{\text{S}}$	I	2	**Master/Slave Mode** *(Input)* -In Slave mode, LRCK and SCLK become input. **(FIXED LOW)**
LRCK	I	3	**Left Right Clock** (*Input*) - Determines which channel, Left or Right, is currently active on the serial audio data line. The frequency of the left/right clock must be at the audio sample rate, Fs.
SCLK	I	4	**Serial Clock** (*Input*) - Serial clock for the serial audio interface.
MCLK	I	5	**Master Clock** (*Input*) - Clock source for the delta-sigma modulator and digital filters. Table 1 illustrates several standard audio sample rates and the required master clock frequency.
VD	I	6	**Digital Power** (*Input*) **-** Positive power supply for the digital section. Refer to the Recommended Operating Conditions for appropriate voltages.
GND	I	7,18	**Ground** (*Input*) - Ground reference. Must be connected to analog ground.
VL	I	8	**Logic Power** (*Input*) **-** Determines the required signal level for the digital input/output. Refer to the Recommended Operating Conditions for appropriate voltages.
SDOUT	O	9	**Serial Audio Data Output** (*Output*) - Output for two's complement serial audio data.
DIV	I	10	**MCLK Divider** *(Input***) - (FIXED LOW)**
$\overline{\text{HPF}}$	I	11	**High Pass Filter Enable** *(Input***) -** The device includes a high pass filter after the decimator to remove the indeterminate DC offsets introduced by the analog buffer stage and the analog modulator. The first-order high pass filter response characteristics are detailed in the Digital Filter specifications table. The filter response scales linearly with sample rate.
DIF	I	12	**Digital Interface Format** (*Input*) - The required relationship between the Left/Right clock, serial clock and serial data is defined by the Digital Interface Format selection. Refer to Figures 8 and 9.
M0 M1	I I	13, 14	**Mode Selection** (*Input*) **-(FIXED LOW)** **(FIXED LOW)**
TST	I	15	**Test Pin** *(Input)* **-** This pin needs to be connected to GND.
AINL+ AINL-	I I	16, 17	**Differential Left Channel Analog Input** (*Input*) - Signals are presented differentially to the delta-sigma modulators via the AINL+/- pins. The full scale differential analog input level is specified in the Analog Characteristics Specification table.
VA	I	19	**Analog Power** (*Input*) **-** Positive power supply for the analog section. Refer to the Recommended Operating Conditions for appropriate voltages.
AINR+ AINR-	I I	20, 21	**Differential Right Channel Analog Input** (*Input*) -Signals are presented differentially to the delta-sigma modulators via the AINR+/- pins. The full scale differential analog input level is specified in the Analog Characteristics Specification table.
VCOM	O	22	**Common Mode Voltage** *(Output)* **-** Nominally 2.5 volts; can be used to bias the analog input circuitry to the common mode voltage of the CS5361. VCOM is not buffered and the maximum current is 10 uA.
REF_GND	I	23	**Reference Ground** (*Input*) - Ground reference for the internal sampling circuits and must be connected to analog ground.
FILT+	O	24	**Positive Voltage Reference** (*Output*) **-** Positive reference voltage for the internal sampling circuits. Requires the capacitive decoupling to GND as shown in the Typical Connection Diagram.

QO14, QU54 : TC74LCX00FT(EL.K)



Inputs		Outputs
A	B	Y
L	L	H
L	H	H
H	L	H
H	H	L

QLL1 : LC74781M-9017-TLM-E

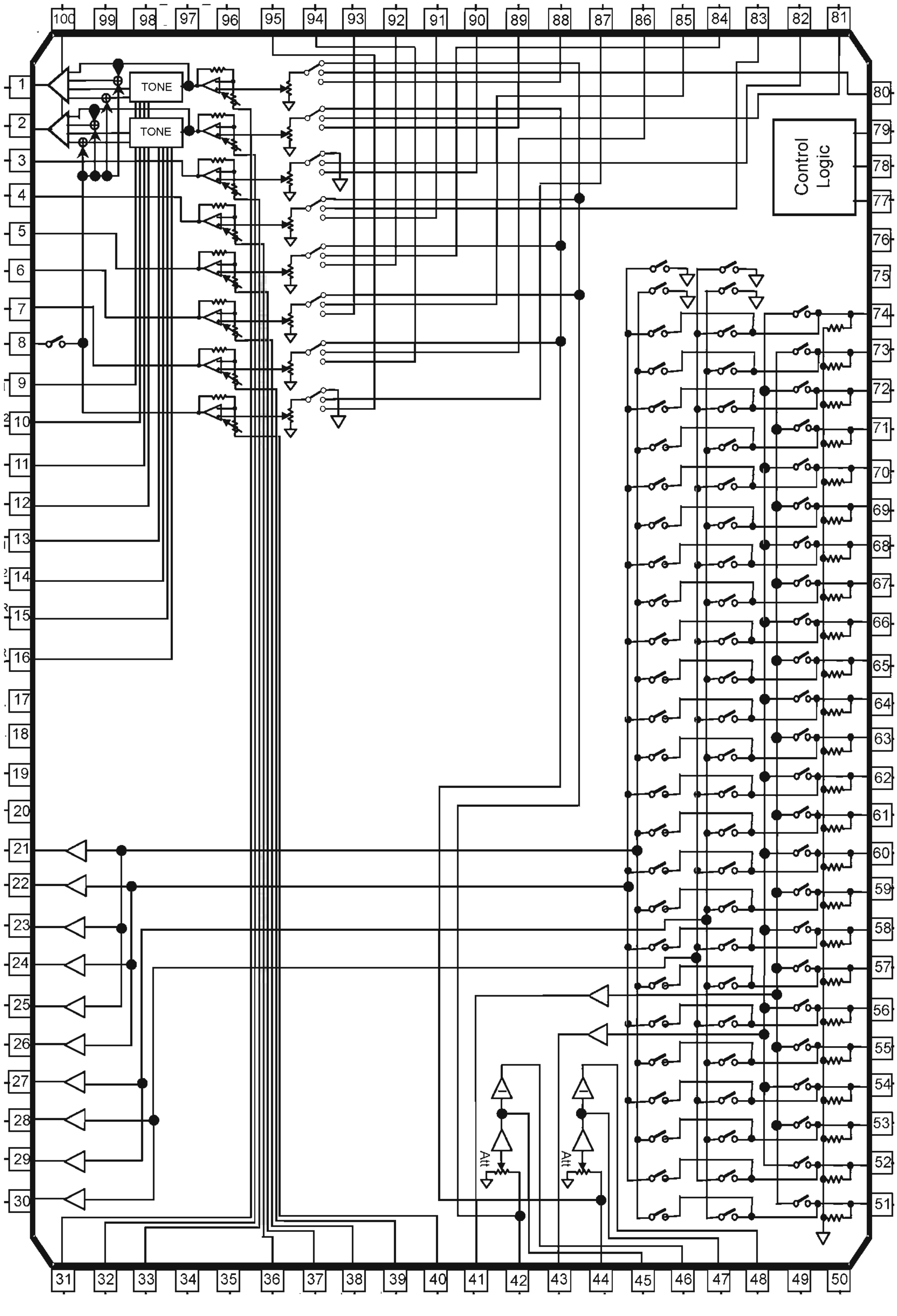


QLL1 : LC74781M-9017-TLM-E

Pin Functions

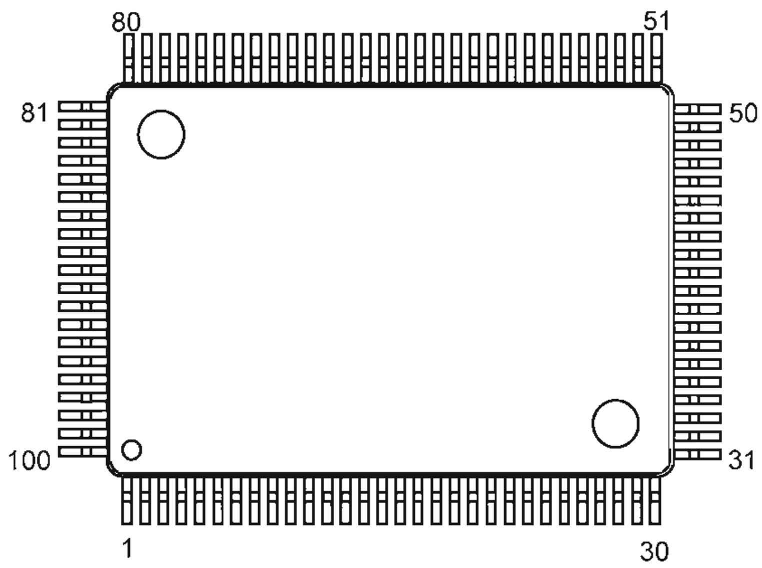
Pin No.	Symbol	Function	Description
1	$V_{SS}1$	Ground	Ground connection (digital system ground)
2	$Xtal_{IN}$	Crystal oscillator connection	Used to connect the crystal oscillator and capacitor used to generate the internal synchronization signal, or to input an external clock (2fsc or 4fsc).
3	$Xtal_{OUT}$		
4	CTRL1	Crystal oscillator input switching	Switches between external clock input mode and crystal oscillator mode. Low = crystal oscillator mode, high = external clock mode
5	BLANK	Blanking output	Outputs the blank signal (the OR of the character and border signals). (Outputs a composite $\overline{\text{sync}}$ signal when MOD0 is high.) Outputs the crystal oscillator clock during reset (when the RST pin is low), but can be set up to not output this signal by microprocessor command.
6	OSC_{IN}	LC oscillator connection	Connections for the coil and capacitor that form the oscillator that generates the character output dot clock.
7	OSC_{OUT}		
8	CHARA	Character output	Outputs the character signal. (Functions as the external synchronization signal discrimination signal output pin when MOD0 is high, and outputs the state of the judgment as to whether the external synchronization signal is present or not. Outputs a high level when the synchronization signal is present.) Outputs the dot clock (LC oscillator) during reset, but can be set up to not output this signal by microprocessor command.
9	$\overline{CS}$	Enable input	Serial data input enable input. Serial data input is enabled when low A pull-up resistor is built in (hysteresis input).
10	SCLK	Clock input	Serial data input clock input. A pull-up resistor is built in (hysteresis input).
11	SIN	Data input	Serial data input. A pull-up resistor is built in (hysteresis input).
12	$V_{DD}2$	Power supply	Composite video signal level adjustment power supply pin (analog system power supply).
13	CV_{OUT}	Video signal output	Composite video signal output
14	NC		Must be either connected to ground or left open.
15	CV_{IN}	Video signal input	Composite video signal input
16	$V_{DD}1$	Power supply	Power supply (+5 V: digital system power supply)
17	SYN_{IN}	Sync separator circuit input	Video signal input for the built-in sync separator circuit (Used for either horizontal synchronization signal or composite sync signal input when the built-in sync separator circuit is not used.)
18	SEP_C	Sync separator circuit bias voltage	Built-in sync separator circuit bias voltage monitor pin
19	SEP_{OUT}	Composite sync signal output	Built-in sync separator circuit composite sync signal output. (When MOD1 is high, outputs a high level during internal synchronization and a low level during external synchronization.) (Outputs the SYN_{IN} input signal when the internal sync separator circuit is not used.)
20	SEP_{IN}	Vertical synchronization signal input	Inputs a vertical synchronization signal created by integrating the SEP_{OUT} pin output signal. An integrator must be attached at the SEP_{OUT} pin. This pin must be tied to $V_{DD}1$ if unused.
21	CTRL2	NTSC/PAL-M switching input	The setting indicated by this pin takes priority in switching between the NTSC, PAL, PAL-M and PAL-N formats. A low level selects NTSC after a reset. The microprocessor command NTSC, PAL, PAL-M, or PAL-N setting is valid. High = PAL-M format.
22	CTRL3	SEP_{IN} input control	Controls whether or not the $\overline{VSYNC}$ signal is input to the SEP_{IN} input. Low = $\overline{VSYNC}$ input, high = $\overline{VSYNC}$ not input.
23	RST	Reset input	System reset input. A pull-up resistor is built in (hysteresis input).
24	$V_{DD}1$	Power supply (+5 V)	Power supply (+5 V: digital system power supply)

QM01 : NJW1157BFC2



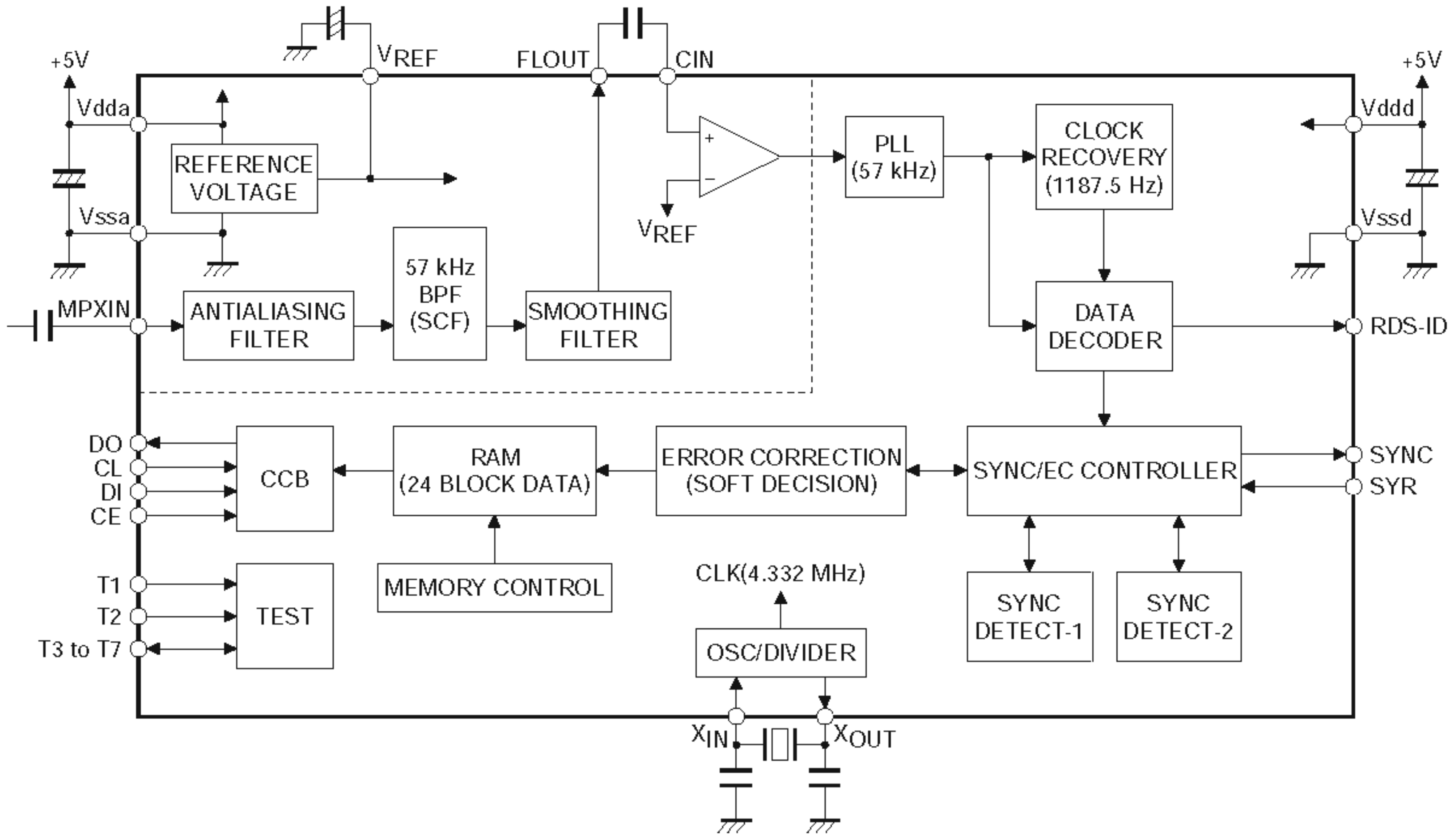
QM01 : NJW1157BFC2

■ PIN FUNCTION

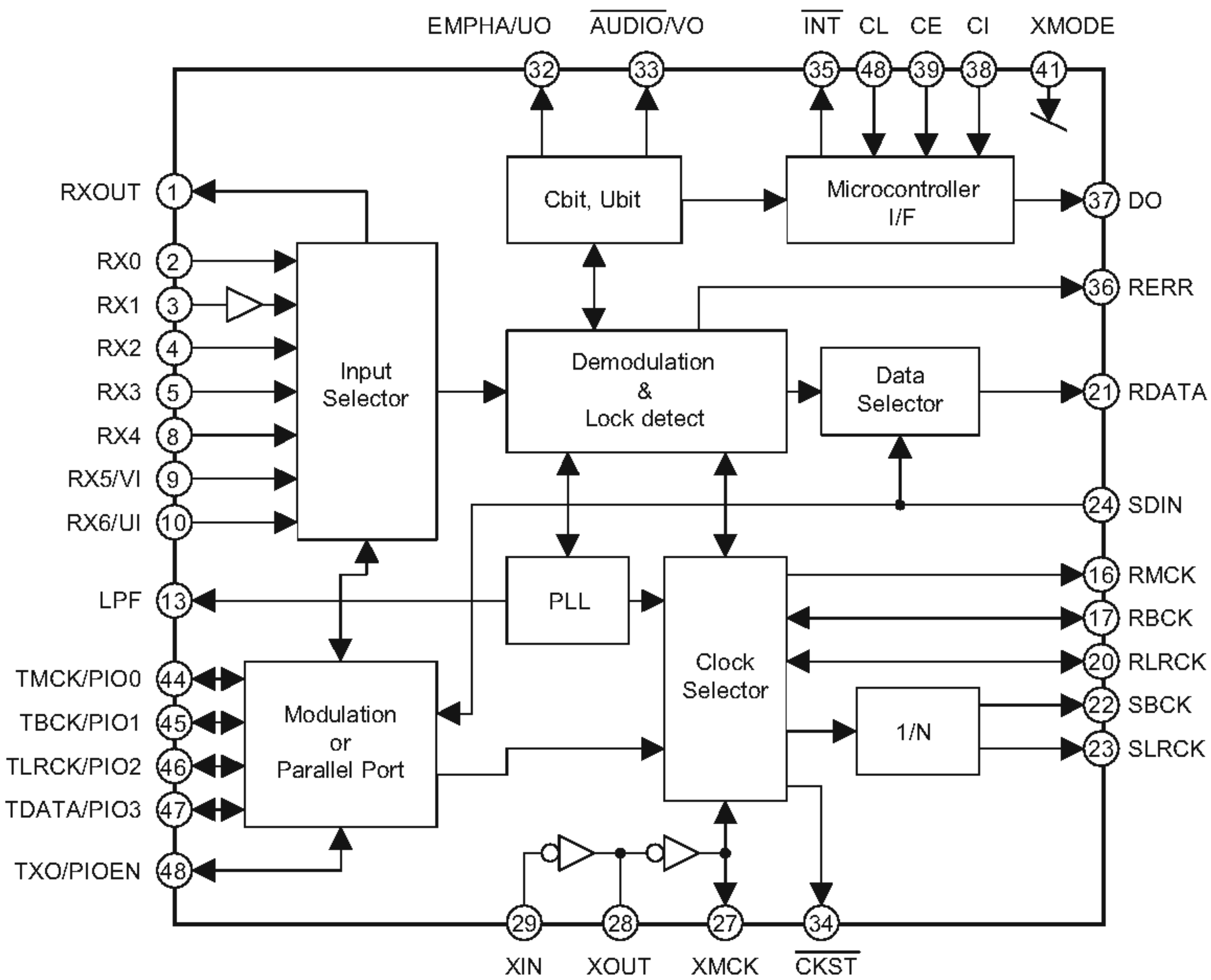


No.	SYMBOL	FUNCTION	No.	SYMBOL	FUNCTION
1	LOUT	Lch output	51	L1IN	"Input selector" Lch input 1
2	ROUT	Rch output	52	R1IN	"Input selector" Rch input 1
3	COUT	Cch output	53	L2IN	"Input selector" Lch input 2
4	LSOUT	LSch output	54	R2IN	"Input selector" Rch input 2
5	RSOUT	RSch output	55	L3IN	"Input selector" Lch input 3
6	LBOUT	LBch output	56	R3IN	"Input selector" Rch input 3
7	RBOUT	RBch output	57	L4IN	"Input selector" Lch input 4
8	SWOUT	SWch output	58	R4IN	"Input selector" Rch input 4
9	DC_L1	Lch Bass filter DC cut capacitor output terminal	59	L5IN	"Input selector" Lch input 5
10	DC_L2	Lch Bass filter DC cut capacitor input terminal	60	R5IN	"Input selector" Rch input 5
11	FIL_BL	Lch Bass filter terminal	61	L6IN	"Input selector" Lch input 6
12	FIL_TL	Lch Treble filter terminal	62	R6IN	"Input selector" Rch input 6
13	DC_R1	Rch Bass filter DC cut capacitor output terminal	63	L7IN	"Input selector" Lch input 7
14	DC_R2	Rch Bass filter DC cut capacitor input terminal	64	R7IN	"Input selector" Rch input 7
15	FIL_BR	Rch Bass filter terminal	65	L8IN	"Input selector" Lch input 8
16	FIL_TR	Rch Treble filter terminal	66	R8IN	"Input selector" Rch input 8
17	N.C.	No Connect	67	L9IN	"Input selector" Lch input 9
18	N.C.	No Connect	68	R9IN	"Input selector" Rch input 9
19	V+	+ Power supply voltage input	69	L10IN	"Input selector" Lch input 10
20	V-	- Power supply voltage input	70	R10IN	"Input selector" Rch input 10
21	REC_A1L	"Input selector" Lch REC output A1	71	L11IN	"Input selector" Lch input 11
22	REC_A1R	"Input selector" Rch REC output A1	72	R11IN	"Input selector" Rch input 11
23	REC_A2L	"Input selector" Lch REC output A2	73	L12IN	"Input selector" Lch input 12
24	REC_A2R	"Input selector" Rch REC output A2	74	R12IN	"Input selector" Rch input 12
25	REC_A3L	"Input selector" Lch REC output A3	75	N.C.	No Connect
26	REC_A3R	"Input selector" Rch REC output A3	76	DGND	Digital Ground
27	REC_B1L	"Input selector" Lch REC output B1	77	DATA	Control data signal input
28	REC_B1R	"Input selector" Rch REC output B1	78	CLOCK	Clock signal input
29	REC_B2L	"Input selector" Lch REC output B2	79	LATCH	Latch signal input
30	REC_B2R	"Input selector" Rch REC output B2	80	LAIN	Multi-channel Lch input A
31	DCCAP_L	Switching noise rejection capacitor	81	RAIN	Multi-channel Rch input A
32	DCCAP_R	Switching noise rejection capacitor	82	CAIN	Multi-channel Cch input A
33	DCCAP_C	Switching noise rejection capacitor	83	LSAIN	Multi-channel LSch input A
34	GND	Ground	84	RSAIN	Multi-channel RSch input A
35	GND	Ground	85	LBAIN	Multi-channel LBch input A
36	DCCAP_LS	Switching noise rejection capacitor	86	RBAIN	Multi-channel RBch input A
37	DCCAP_RS	Switching noise rejection capacitor	87	SWAIN	Multi-channel SWch input A
38	DCCAP_LB	Switching noise rejection capacitor	88	LBIN	Multi-channel Lch input B
39	DCCAP_RB	Switching noise rejection capacitor	89	RBIN	Multi-channel Rch input B
40	DCCAP_SW	Switching noise rejection capacitor	90	CBIN	Multi-channel Cch input B
41	DCL_OUT	"Input selector" Lch output	91	LSBIN	Multi-channel LSch input B
42	DCL_IN	"Multi-channel selector" Lch input	92	RSBIN	Multi-channel RSch input B
43	DCR_OUT	"Input selector" Rch output	93	LBBIN	Multi-channel LBch input B
44	DCR_IN	"Multi-channel selector" Rch input	94	RBBIN	Multi-channel RBch input B
45	FL+	"Input selector gain control" Lch no-inverted output	95	SWBIN	Multi-channel SWch input B
46	FL-	"Input selector gain control" Lch inverted output	96	GND	Ground
47	FR+	"Input selector gain control" Rch no-inverted output	97	GND	Ground
48	FR-	"Input selector gain control" Rch inverted output	98	VSSOUT2	Internal Digital -Power Supply Output 2
49	VDDOUT	Internal Digital +Power Supply Output	99	VDDOUT2	Internal Digital +Power Supply Output 2
50	VSSOUT	Internal Digital -Power Supply Output	100	TCCAP	Switching noise rejection capacitor

QT01 : LC72722



QR01 : LC89057W-VF4-E



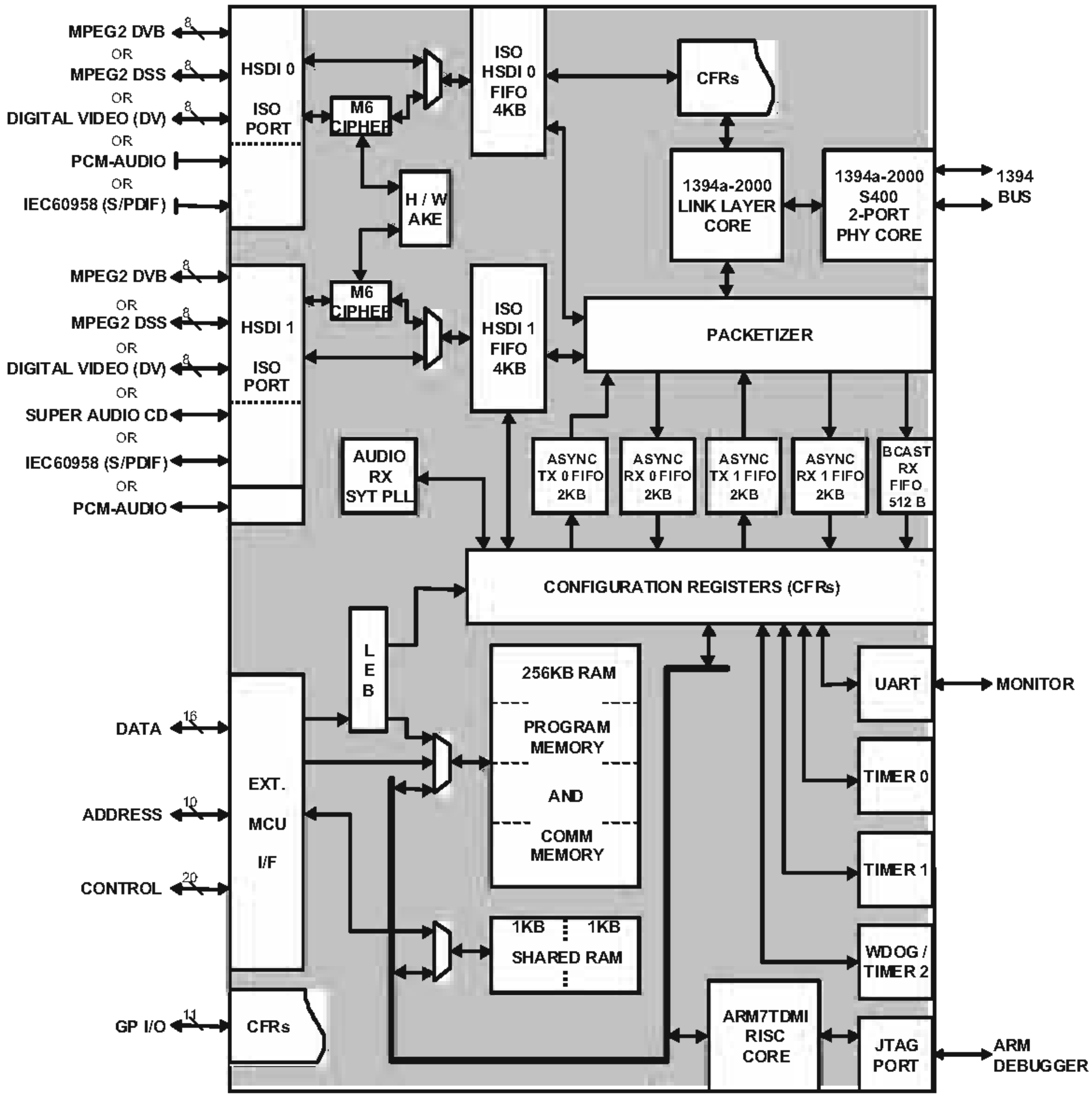
QR01 : LC89057W-VF4-E

Table 5.1 Pin Functions

Pin No.	Name	I/O	Function
1	RXOUT	O	Output pin of Input bi phase selection data
2	RX0	I_5	Input pin of TTL compatible digital data
3	RX1	I	Digital data input pin with built in amplifier that supports coaxial
4	RX2	I_5	Input pin of TTL compatible digital data
5	RX3	I_5	Input pin of TTL compatible digital data
6	DGND		Digital GND
7	DV_{DD}		Digital power supply
8	RX4	I_5	Input pin of TTL compatible digital data
9	RX5/VI	I_5	TTL compatible digital data || Validity flag input pin for modulation
10	RX6/UI	I_5	TTL compatible digital data || User data input pin for modulation
11	DV_{DD}		Digital power supply for PLL
12	DGND		Digital GND for PLL
13	LPF	O	PLL loop filter connection pin
14	AV_{DD}		Analog power supply for PLL
15	AGND		Analog GND for PLL
16	RMCK	O	R system clock output pin (256fs, 512fs, XIN, VCO)
17	RBCK	O/I	R bit clock input/output pin (64fs)
18	DGND		Digital GND
19	DV_{DD}		Digital power supply
20	RLRCK	O/I	R LR clock input/output pin (fs)
21	RDATA	O	Output pin of serial audio data
22	SBCK	O	S bit clock output pin (32fs, 64fs, 128fs)
23	SLRCK	O	S LR clock output pin (fs/2, fs, 2fs)
24	SDIN	I_5	Input pin of serial audio data
25	DGND		Digital GND
26	DV_{DD}		Digital power supply
27	XMCK	O	Oscillation amplifier output pin
28	XOUT	O	Quartz resonator connection output pin
29	XIN	I	Quartz resonator connection, input pin of external supply clock (24.576 MHz or 12.288 MHz)
30	DV_{DD}		Digital power supply
31	DGND		Digital GND
32	EMPHA/UO	I/O	Emphasis information || U data output || Chip address setting pin
33	AUDIO/VO	I/O	Non PCM detection || V flag output || Chip address setting pin
34	CKST	I/O	Output of clock switch transitional period signal || Demodulation master or slave function switch pin
35	INT	I/O	Interrupt output for Microcontroller (Possible to select an interrupt factor.) || Modulation or general purpose I/O switch pin
36	RERR	O	PLL clock error, data error flag output
37	DO	O	Microcontroller I/F, read data output pin (3 state)
38	DI	I_5	Microcontroller I/F, write data input pin
39	CE	I_5	Microcontroller I/F, chip enable input pin
40	CL	I_5	Microcontroller I/F, clock input pin
41	XMODE	I_5	System reset input pin
42	DGND		Digital GND
43	DV_{DD}		Digital power supply
44	TMCK/PIO0	I/O	256fs system clock input for modulation || General purpose I/O input/output pin
45	TMCK/PIO1	I/O	64fs bit clock input for modulation || General purpose I/O input/output pin
46	TLRCK/PIO2	I/O	fs clock input for modulation || General purpose I/O input/output pin
47	TLRCK/PIO3	I/O	serial audio data input for modulation || General purpose I/O input/output pin
48	TXO/PIOEN	O/I	Modulation data output || General purpose I/O enable input pin

1) Withstand voltage input/output: I or O = –0.3 to 3.6V, I_5 = –0.3 to 5.5V
2) Pins 32 and 33 are input pins for chip address setting, when pin 41 = "L".
3) Pin 34 is a demodulation function master or an input pin for slave setting, when pin 41 = "L".
4) Pin 35 is a modulation function or an input pin for general-purpose I/O function switch setting, when pin 41 = "L".
5) ON/OFF for all power supplies must be done at the same timing as a latch-up countermeasure.

QV01 : TSB43CA42PGF



† LEB is an acronym for Local Encryption Block (Note: only included in TSB43CA42)

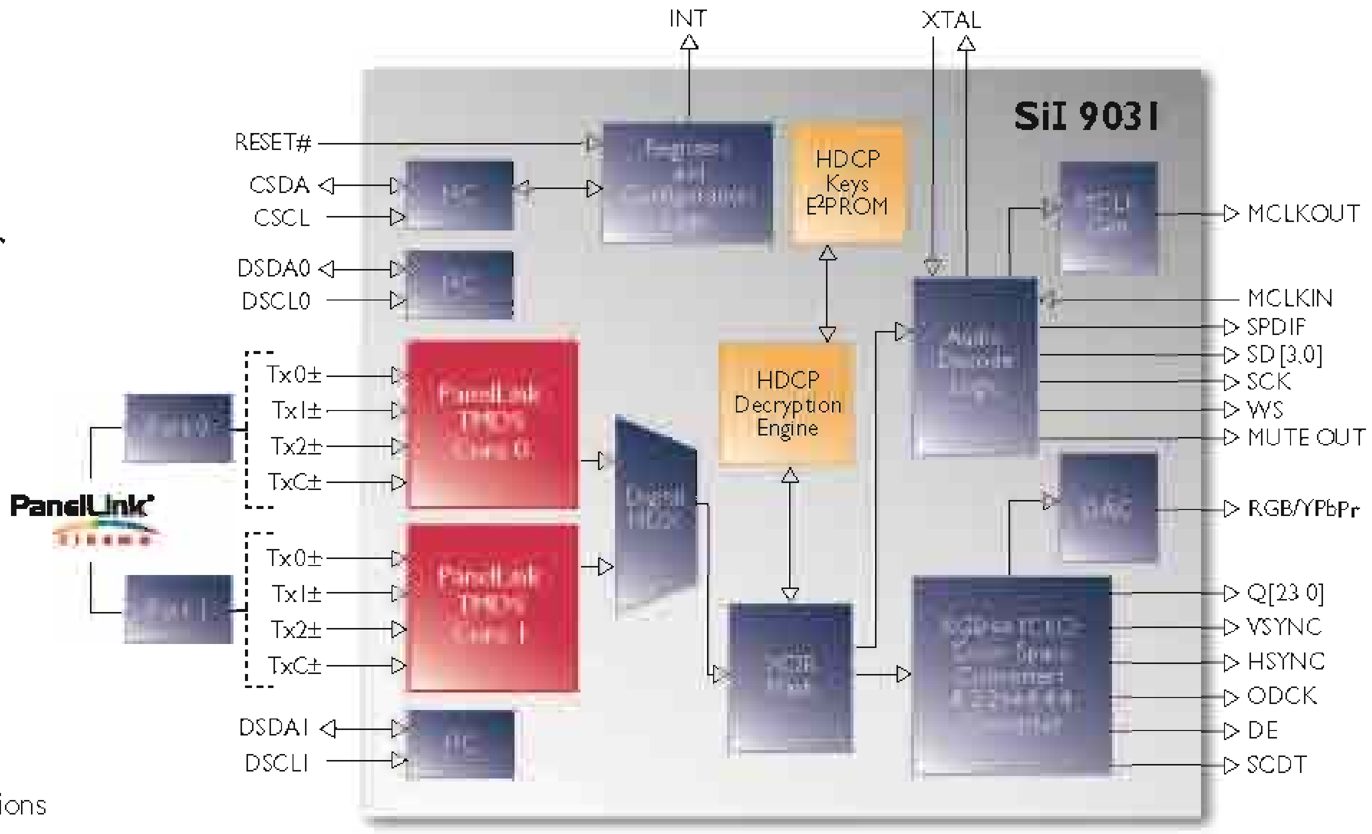
Figure 3: TSB43CA42 System Block Diagram

QV01 : TSB43CA42PGF

Pin Name	Pin No		I/O	Description
	BGA	QFP		
Miscellanous Pins				
DISABLE_IFn	T8	64	I	Interface Disable. When asserted, the interfaces are put into a Hi-Z state. Interfaces include: ex-CPU, HSDI, GPIO, and WTCH_DG_TMRn.
HPS	P8	62	I	Host Power Status. This indicates the power status of the external system to iceLynx-Micro. A rising edge indicates the system CPU has been turned ON. (The internal ARM should wake up.) A falling edge indicates the system CPU has been turned OFF. (The internal ARM decides if power down is necessary.)
LOW_PWR_RDY	R8	63	O	Output to system to indicate iceLynx-Micro is ready to go into a low power state. The ARM and WTCH_DG_TMRn control this pin.
WTCH_DG_TMRn	U16	88	O	Watch Dog Timer (for the ARM.) iceLynx-Micro hardware asserts this pin whenever ARM software has not updated the Timer2 register within the allowed time period.
RESET_ARMn	U7	60	I	ARM reset. This signal resets the internal ARM processor.
RESETn	T7	59	I	Device reset. This signal resets all logic. This includes the PHY, Link core, memory, the ARM, and random logic.
Power & Ground Pins				
VSS	A2, B1, B7, C11, C16, G17, J1, L15, P11, T6	1, 21, 55, 76, 102, 117, 131, 146, 162, 176		Digital Ground.
AGND	J2, K4, M3, U2	24, 27, 35, 45,		Analog Ground.
PLL_GND	R6	54		PLL Ground.
VDD	A7, B3, C17, D3, D11, H2, H15, L14, R11, U6	4, 20, 56, 75, 101, 116, 130, 145, 161, 175		Digital Power Supply. Must be set to 3.3V nominal.

SiI 9031 Features

PanelLink Cinema Receiver



Industry-Standard Compliance

- HDMI 1.0
- DVI 1.0
- EIA/CEA-861B
- HDCP 1.1

Digital Video Output

- Dual integrated PanelLink® cores
- Supports DTV (480i/576i/480p/576p/720p/1080i/1080p) and PC (VGA/XGA/SXGA/WSXGA) resolutions
- Flexible digital video interface
  - 24-bit RGB/YCbCr 4:4:4
  - 16/20/24-bit YCbCr 4:2:2
  - 8/10/12-bit YCbCr 4:2:2 (ITU-R BT.656)
  - 12-bit digital media interface
- Analog RGB and YPbPr output
  - Integrated 10-bit DAC
  - Separate or composite syncs (sync on Y/G)
- Integrated RGB↔CbCr color space conversion
- 4:2:2↔4:4:4 converter

Digital Audio Output

- Industry-standard S/PDIF and I²S output
- Supports high-end audio including DVD-Audio
  - 2-ch. 32-192kHz or
  - 8-ch. 32-96kHz
- Programmable I²S output supports numerous low-cost audio DACs
- Supports IEC60958 2-channel PCM
- Capable of carrying IEC61937 compressed audio (Dolby Digital, DTS, etc.)

Content Protection

- Integrated HDCP cipher engine
- Pre-programmed HDCP keys
  - Simplify manufacturing process
  - Most secure solution available
  - Lower system, manufacturing costs
- Supports HDCP repeater capability
- Decrypts both video and audio

System Operation

- Register-programmable via slave I²C interface
- Auto video mode simplifies design
- Auto audio mode allows more robust system
- Flexible interrupt registers with interrupt pin

Power Management

- 1.8V core provides low-power operation
- Flexible power-down modes

Silicon Image's SiI 9031 Starter Kit (CP9031HDMI)

Contents include:

Hardware

- SiI 9031 Receiver Daughter Board
- HDMI to HDMI cable

Software

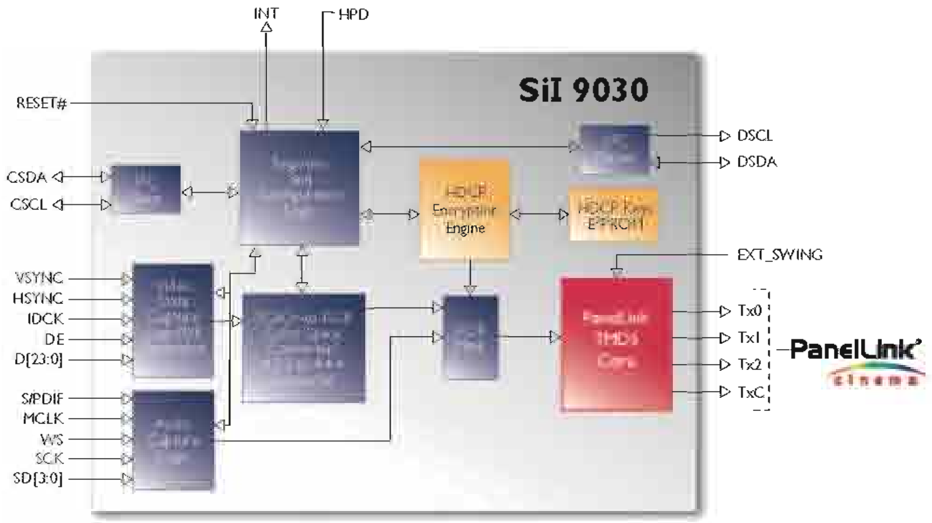
- HDMIGear Receiver Software Tool

Documentation

- User's Guide
- Schematics
- Bill of Materials (BOM)

SiI 9030 Features

PanelLink Cinema Transmitter



Industry-Standard Compliance

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- DVI 1.0
- EIA/CEA-861B
- HDCP 1.1

Digital Video Output

- Integrated PanelLink® core
- Supports DTV (480i/576i/480p/576p/720p/1080i/1080p) and PC (VGA/XGA/SXGA/WSXGA) resolutions
- Flexible video interface supports DVD and HD MPEG decoders
  - 12/24-bit RGB YCbCr 4:4:4
  - 16/20/24-bit YCbCr 4:2:2
  - 8/10/12-bit YCbCr 4:2:2 (ITU-R BT.601 & BT.656)
- Integrated YCbCr ↔ RGB color space conversion
- 4:2:2↔ 4:4:4 up-converter
- Programmable Data Enable (DE) generator

Digital Audio Output

- DVD-Audio support thru 4xI²S inputs
- Supports 2-channel 192kHz or 8-channel 96kHz
- Supports IEC60958 2-channel PCM or IEC61937 compressed audio (Dolby Digital, DTS, etc.)
- Industry-standard S/PDIF input

Content Protection

- Integrated HDCP cipher engine
- Pre-programmed HDCP keys
  - Simplify manufacturing process
  - Most secure solution available
  - Lower system, manufacturing costs
- Encrypts both video and audio

System Operation

- Register-programmable via slave I²C interface
- Master I²C simplifies system design
- Flexible interrupt registers with interrupt pin
- Monitor detection supported through hot plug and receiver detection

Power Management

- 1.8V core provides low-power operation
- Flexible power-down modes

Silicon Image's SiI 9030 Starter Kit (CP9030HDMI)

Contents include:

Hardware

- SiI 9030 Transmitter Stand Alone Board
- HDMI to HDMI cable

Software

- HDMIGear Software Tool

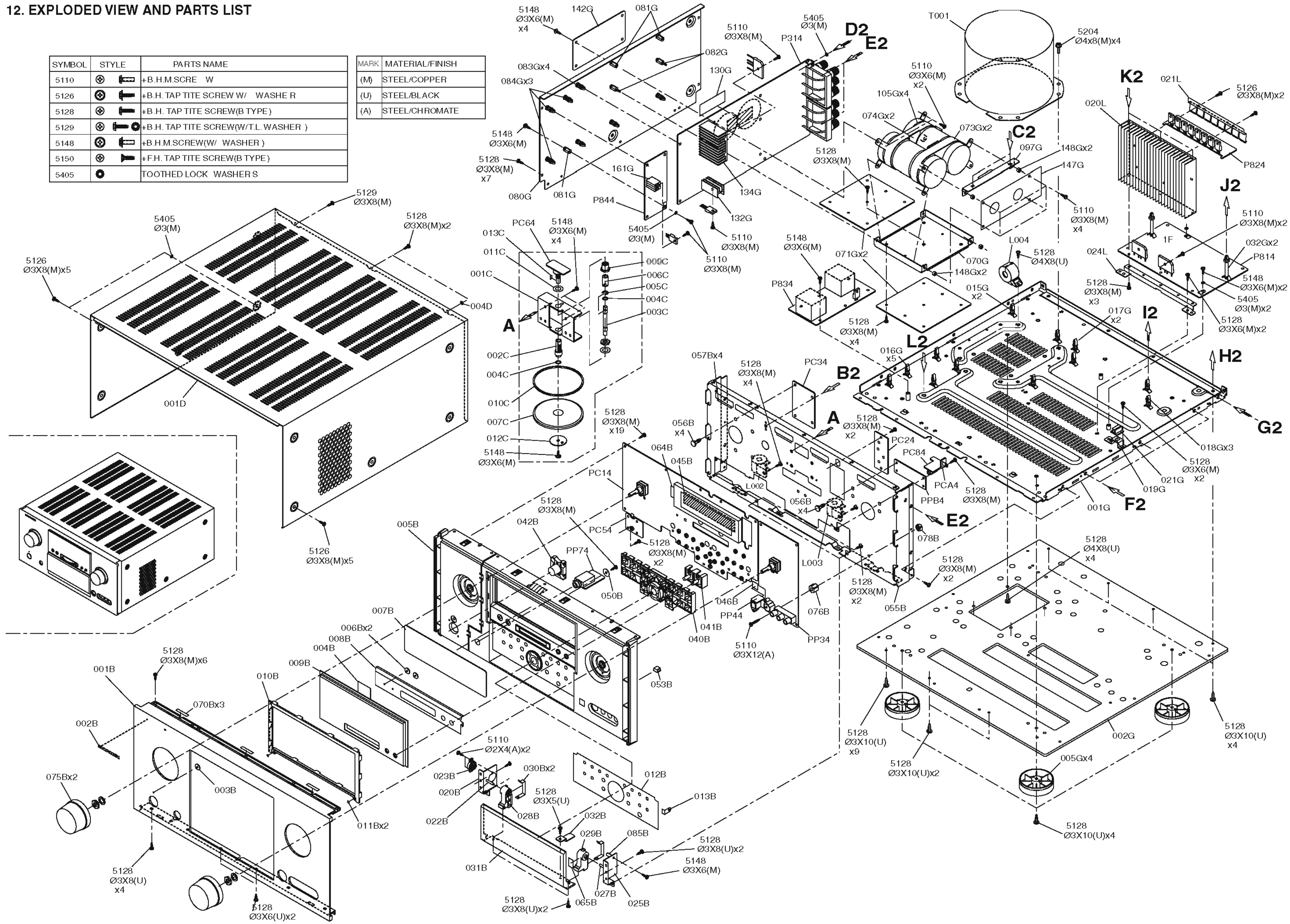
Documentation

- User's Guide
- Schematics
- Bill of Materials (BOM)

12. EXPLODED VIEW AND PARTS LIST

SYMBOL	STYLE	PARTS NAME
5110		+B.H.M.SCRE W
5126		+B.H. TAP TITE SCREW W/ WASHE R
5128		+B.H. TAP TITE SCREW(B TYPE)
5129		+B.H. TAP TITE SCREW(W/T.L.WASHER)
5148		+B.H.M.SCREW(W/ WASHER)
5150		+F.H. TAP TITE SCREW(B TYPE)
5405		TOOTHED LOCK WASHER S

MARK	MATERIAL/FINISH
(M)	STEEL/COPPER
(U)	STEEL/BLACK
(A)	STEEL/CHROMATE



P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
	001B	/F N	nsp	00M11AJ248130	FRONT PANEL	FRONT AL PANEL F N
	001B	/N1B	00M11AJ248010	00M11AJ248010	FRONT PANEL	FRONT AL PANEL N1B
	001B	/N1G	00M11AJ248110	00M11AJ248110	FRONT PANEL	FRONT AL PANEL N1G
	001B	/N1S	00M11AJ248210	00M11AJ248210	FRONT PANEL	FRONT AL PANEL N1S
	001B	/U1B	nsp	00M11AJ248020	FRONT PANEL	FRONT AL PANEL U1B
	001B	/U1G	nsp	00M11AJ248120	FRONT PANEL	FRONT AL PANEL U1G
	002B	/F N	nsp	00M24AW251010	BADGE	MZ BADGE GL
	002B	/N1B	00M24AW251010	00M24AW251010	BADGE	MZ BADGE GL
	002B	/N1G	00M24AW251010	00M24AW251010	BADGE	MZ BADGE GL
	002B	/N1S	00M24AW251020	00M24AW251020	BADGE	MZ BADGE SL
	002B	/U1B	nsp	00M24AW251010	BADGE	MZ BADGE GL
	002B	/U1G	nsp	00M24AW251010	BADGE	MZ BADGE GL
	003B		00M11AJ355010	00M11AJ355010	LENS	LENS STANDBY
	005B	/F N	nsp	00M11AJ105120	CHASSIS	FRONT MOLD PANEL GL
	005B	/N1B	00M11AJ105020	00M11AJ105020	CHASSIS	FRONT MOLD PANEL BL
	005B	/N1G	00M11AJ105120	00M11AJ105120	CHASSIS	FRONT MOLD PANEL GL
	005B	/N1S	00M11AJ105220	00M11AJ105220	CHASSIS	FRONT MOLD PANEL SL
	005B	/U1B	nsp	00M11AJ105020	CHASSIS	FRONT MOLD PANEL BL
	005B	/U1G	nsp	00M11AJ105120	CHASSIS	FRONT MOLD PANEL GL
	006B		00M11AJ355020	00M11AJ355020	LENS	LENS THX-PURE DIRECT
	007B		00M11AJ158020	00M11AJ158020	WINDOW	WINDOW FILTER
	008B	/F N	nsp	00M11AJ063120	ESCUTCHEON	ESCUTCHEON WINDOW GL
	008B	/N1B	00M11AJ063020	00M11AJ063020	ESCUTCHEON	ESCUTCHEON WINDOW BL
	008B	/N1G	00M11AJ063120	00M11AJ063120	ESCUTCHEON	ESCUTCHEON WINDOW GL
	008B	/N1S	00M11AJ063220	00M11AJ063220	ESCUTCHEON	ESCUTCHEON WINDOW SL
	008B	/U1B	nsp	00M11AJ063020	ESCUTCHEON	ESCUTCHEON WINDOW BL
	008B	/U1G	nsp	00M11AJ063120	ESCUTCHEON	ESCUTCHEON WINDOW GL
	009B	/F N	nsp	00M11AJ158110	WINDOW	WINDOW PRINT MZS423
	009B	/N1B	00M11AJ158010	00M11AJ158010	WINDOW	WINDOW PRINT SP352
	009B	/N1G	00M11AJ158110	00M11AJ158110	WINDOW	WINDOW PRINT MZS423
	009B	/N1S	00M11AJ158110	00M11AJ158110	WINDOW	WINDOW PRINT MZS423
	009B	/U1B	nsp	00M11AJ158010	WINDOW	WINDOW PRINT SP352
	009B	/U1G	nsp	00M11AJ158110	WINDOW	WINDOW PRINT MZS423
	010B	/F N	nsp	00M11AJ271110	HOLDER	HOLDER WINDOW GL
	010B	/N1B	00M11AJ271010	00M11AJ271010	HOLDER	HOLDER WINDOW BL
	010B	/N1G	00M11AJ271110	00M11AJ271110	HOLDER	HOLDER WINDOW GL
	010B	/N1S	00M11AJ271210	00M11AJ271210	HOLDER	HOLDER WINDOW SL
	010B	/U1B	nsp	00M11AJ271010	HOLDER	HOLDER WINDOW BL
	010B	/U1G	nsp	00M11AJ271110	HOLDER	HOLDER WINDOW GL
	012B	/F N	nsp	00M11AJ063110	ESCUTCHEON	ESCUTCHEON DOOR GL
	012B	/N1B	00M11AJ063010	00M11AJ063010	ESCUTCHEON	ESCUTCHEON DOOR BL
	012B	/N1G	00M11AJ063110	00M11AJ063110	ESCUTCHEON	ESCUTCHEON DOOR GL
	012B	/N1S	00M11AJ063210	00M11AJ063210	ESCUTCHEON	ESCUTCHEON DOOR SL
	012B	/U1B	nsp	00M11AJ063010	ESCUTCHEON	ESCUTCHEON DOOR BL
	012B	/U1G	nsp	00M11AJ063110	ESCUTCHEON	ESCUTCHEON DOOR GL
	020B		00M11AJ160510	00M11AJ160510	BRACKET	BRACKET ASSY DOOR L
	023B		00M415T130010	00M415T130010	DAMPER	DAMPER
	025B		00M11AJ160520	00M11AJ160520	BRACKET	BRACKET ASSY DOOR R
	028B		00M11AJ002010	00M11AJ002010	ARM	HINGE L
	029B		00M11AJ002020	00M11AJ002020	ARM	HINGE R
	031B	/F N	nsp	00M11AJ162110	DOOR	DOOR AL PANEL GL
	031B	/N1B	00M11AJ162010	00M11AJ162010	DOOR	DOOR AL PANEL BL
	031B	/N1G	00M11AJ162110	00M11AJ162110	DOOR	DOOR AL PANEL GL
	031B	/N1S	00M11AJ162210	00M11AJ162210	DOOR	DOOR AL PANEL SL
	031B	/U1B	nsp	00M11AJ162010	DOOR	DOOR AL PANEL BL
	031B	/U1G	nsp	00M11AJ162110	DOOR	DOOR AL PANEL GL
	040B	/F N	nsp	00M11AJ270110	BUTTON	BUTTON GL
	040B	/N1B	00M11AJ270010	00M11AJ270010	BUTTON	BUTTON BL
	040B	/N1G	00M11AJ270110	00M11AJ270110	BUTTON	BUTTON GL
	040B	/N1S	00M11AJ270210	00M11AJ270210	BUTTON	BUTTON SL
	040B	/U1B	nsp	00M11AJ270010	BUTTON	BUTTON BL
	040B	/U1G	nsp	00M11AJ270110	BUTTON	BUTTON GL
	041B	/F N	nsp	00M11AJ270120	BUTTON	BUTTON 2 GL
	041B	/N1B	00M11AJ270120	00M11AJ270120	BUTTON	BUTTON 2 GL
	041B	/N1G	00M11AJ270120	00M11AJ270120	BUTTON	BUTTON 2 GL
	041B	/N1S	00M11AJ270220	00M11AJ270220	BUTTON	BUTTON 2 SL
	041B	/U1B	nsp	00M11AJ270120	BUTTON	BUTTON 2 GL

NOTE "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS

P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
	041B	/U1G	nsp	00M11AJ270120	BUTTON	BUTTON 2 GL
	042B	/F N	nsp	00M02AK270140	BUTTON	BUTTON POWER GL
	042B	/N1B	00M02AK270040	00M02AK270040	BUTTON	BUTTON POWER BL
	042B	/N1G	00M02AK270140	00M02AK270140	BUTTON	BUTTON POWER GL
	042B	/N1S	00M02AK270240	00M02AK270240	BUTTON	BUTTON POWER SL
	042B	/U1B	nsp	00M320J270040	BUTTON	BUTTON POWER BL (TACT)
	042B	/U1G	nsp	00M320J270240	BUTTON	BUTTON POWER GL (TACT)
	053B		00M271K305500	00M271K305500	MAGNET	MAGNET
	075B	/F N	nsp	00M28AW154130	KNOB	D50 STEP AL KNOB GL
	075B	/N1B	00M28AW154110	00M28AW154110	KNOB	D50 STEP AL KNOB BL
	075B	/N1G	00M28AW154130	00M28AW154130	KNOB	D50 STEP AL KNOB GL
	075B	/N1S	00M28AW154120	00M28AW154120	KNOB	D50 STEP AL KNOB SL
	075B	/U1B	nsp	00M28AW154110	KNOB	D50 STEP AL KNOB BL
	075B	/U1G	nsp	00M28AW154130	KNOB	D50 STEP AL KNOB GL
	080B		00M11AJ053010	00M11AJ053010	COVER	COVER FOR AUX TERMINAL
	002C		00M12AJ112010	00M12AJ112010	SHAFT	SHAFT GYRO
	003C		00M12AJ112020	00M12AJ112020	SHAFT	SHAFT GYRO
	006C		00M12AJ121010	00M12AJ121010	LINK	LINK GYRO
	007C	/F N	nsp	00M11AJ063130	ESCUTCHEON	ESCUTCHEON GYRO GL
	007C	/N1B	00M11AJ063130	00M11AJ063130	ESCUTCHEON	ESCUTCHEON GYRO GL
	007C	/N1G	00M11AJ063130	00M11AJ063130	ESCUTCHEON	ESCUTCHEON GYRO GL
	007C	/N1S	00M11AJ063230	00M11AJ063230	ESCUTCHEON	ESCUTCHEON GYRO SL
	007C	/U1B	nsp	00M11AJ063130	ESCUTCHEON	ESCUTCHEON GYRO GL
	007C	/U1G	nsp	00M11AJ063130	ESCUTCHEON	ESCUTCHEON GYRO GL
	009C		00M12AJ011010	00M12AJ011010	NUT	NUT GYRO
	010C		00M11AJ353010	00M11AJ353010	RING	RING GYRO RUBBER
	005G	/F N	nsp	00M03AJ057110	LEG	LEG GL
	005G	/N1B	00M03AJ057110	00M03AJ057110	LEG	LEG GL
	005G	/N1G	00M03AJ057110	00M03AJ057110	LEG	LEG GL
	005G	/N1S	00M03AJ057210	00M03AJ057210	LEG	LEG SL
	005G	/U1B	nsp	00M03AJ057110	LEG	LEG GL
	005G	/U1G	nsp	00M03AJ057110	LEG	LEG GL
	AT01	/F N	nsp	00D2160110003	TUNER	TUNER PACK (TFCE1J5)
	AT01	/N1B	00MAV01203030	00MAV01203030	TUNER	TUNER MODULE TFCE1E113A
	AT01	/N1G	00MAV01203030	00MAV01203030	TUNER	TUNER MODULE TFCE1E113A
	AT01	/N1S	00MAV01203030	00MAV01203030	TUNER	TUNER MODULE TFCE1E113A
	AT01	/U1B	nsp	00MAV01202280	TUNER	TUNER MODULE TFCE1U118A
	AT01	/U1G	nsp	00MAV01202280	TUNER	TUNER MODULE TFCE1U118A
	AT02	/F N	nsp	00D2160110003	TUNER	TUNER PACK (TFCE1J5)
	AT02	/N1B	00MAV01203030	00MAV01203030	TUNER	TUNER MODULE TFCE1E113A
	AT02	/N1G	00MAV01203030	00MAV01203030	TUNER	TUNER MODULE TFCE1E113A
	AT02	/N1S	00MAV01203030	00MAV01203030	TUNER	TUNER MODULE TFCE1E113A
	AT02	/U1B	nsp	00MAV01202280	TUNER	TUNER MODULE TFCE1U118A
	AT02	/U1G	nsp	00MAV01202280	TUNER	TUNER MODULE TFCE1U118A
	▲ J001		00MYJ04002550	00MYJ04002550	JACK	! MAINS INLET TYPE HF-301
	L001		00MFC50230010	00MFC50230010	FERRITE CORE	TFCK-23-11-14
	L002		00MFC50160030	00MFC50160030	FERRITE CORE	FERRITE CORE TFCK-16-8-13
	L003		00MFC50160030	00MFC50160030	FERRITE CORE	FERRITE CORE TFCK-16-8-13
	L004		00MFC50160030	00MFC50160030	FERRITE CORE	FERRITE CORE TFCK-16-8-13
	P114		nsp	nsp	PWB ASSY	POWER AMP1 ASSY
	P124		nsp	nsp	PWB ASSY	CENTER ASSY
	P134		nsp	nsp	PWB ASSY	2SC3419Y 1 ASSY
	P144		nsp	nsp	PWB ASSY	2SC3419Y 2 ASSY
	P154		nsp	nsp	PWB ASSY	2SC3419Y 3 ASSY
	P164		nsp	nsp	PWB ASSY	2SC3419Y 4 ASSY
	P214		nsp	nsp	PWB ASSY	POWER AMP 2 ASSY
	P224		nsp	nsp	PWB ASSY	2SC3419Y 5 ASSY
	P234		nsp	nsp	PWB ASSY	2SC3419Y 6 ASSY
	P244		nsp	nsp	PWB ASSY	2SC3419Y 7 ASSY
	P254		nsp	nsp	PWB ASSY	POS ASSY
	P264		nsp	nsp	PWB ASSY	H-PROTECT ASSY
	P314		nsp	nsp	PWB ASSY	SPEAKER1 (9600) ASSY
	P324		nsp	nsp	PWB ASSY	SPEAKER2 (9600) ASSY
	P334		nsp	nsp	PWB ASSY	PRIMARY ASSY
	P514		nsp	nsp	PWB ASSY	CS DSP SR9600 ASSY
	P624		nsp	nsp	PWB ASSY	MRAC SR9600 ASSY
	P714		88M12AJ610101	88M12AJ610101	PWB ASSY	TI DSP ASSY

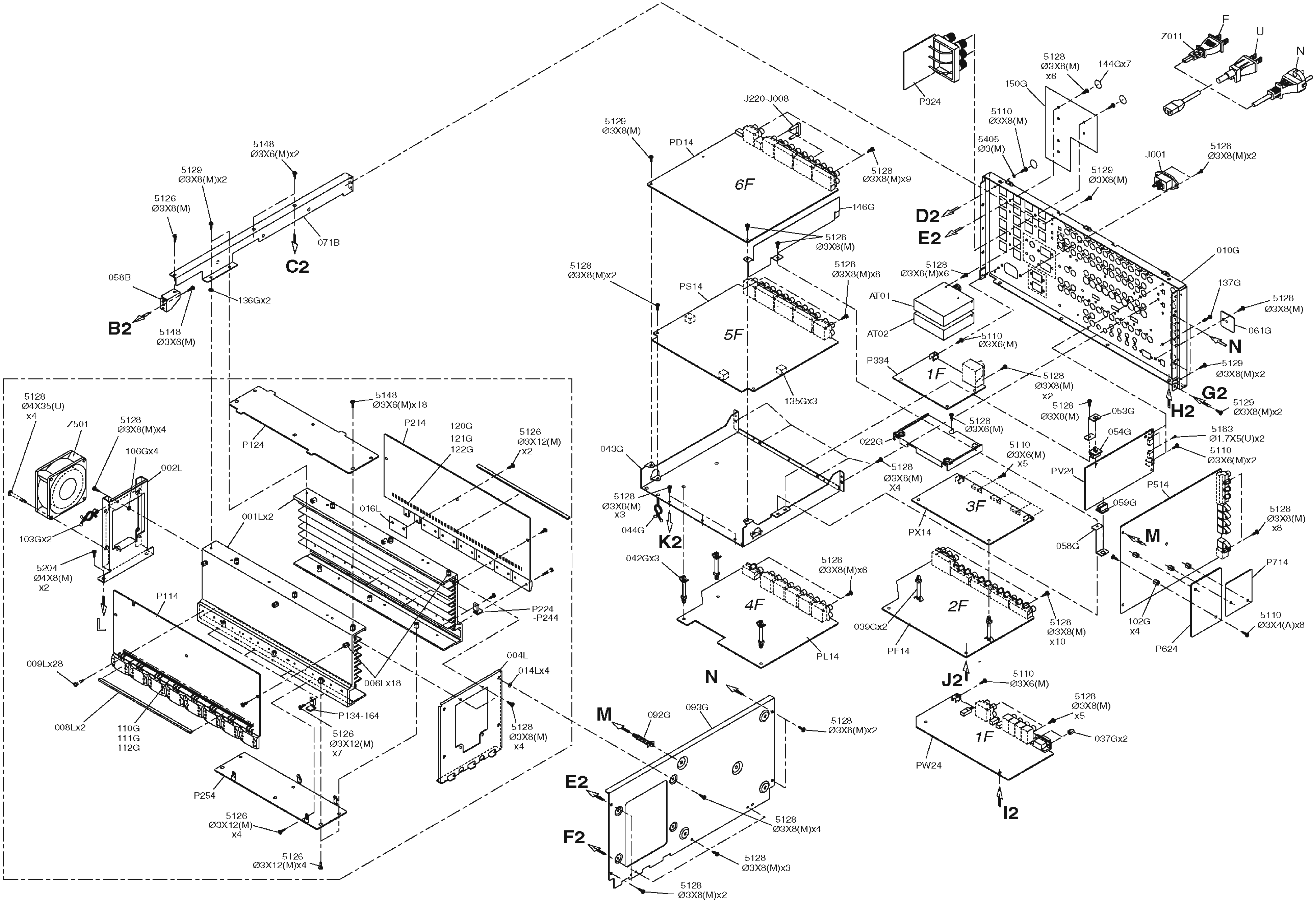
NOTE "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS

P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
	P814		nsp	nsp	PWB ASSY	REGULATOR1 ASSY
	P824		nsp	nsp	PWB ASSY	REGULATOR2 ASSY
	P834		nsp	nsp	PWB ASSY	FLD/BACKUP TRANS ASSY
	P844		nsp	nsp	PWB ASSY	FLD/BACKUP POWER ASSY
	P894		nsp	nsp	PWB ASSY	POWER SW (9600) ASSY
	PC14		nsp	nsp	PWB ASSY	FRONT 9600 ASSY
	PC24		nsp	nsp	PWB ASSY	RC-TRANSMITT (9600) ASSY
	PC34		nsp	nsp	PWB ASSY	CONNECTION 1(FL CPU) ASSY
	PC54	/U	nsp	nsp	PWB ASSY	STANDBY (9600) ASSY
	PC64		nsp	nsp	PWB ASSY	GYRO (9600) ASSY
	PC84		nsp	nsp	PWB ASSY	MIC (9600) ASSY
	PCA4		nsp	nsp	PWB ASSY	LUG TERMINAL (MIC) ASSY
	PD14		nsp	nsp	PWB ASSY	DAC,VOL (9600) ASSY
	PF14		nsp	nsp	PWB ASSY	VIDEO DECODER (9600) ASSY
	PL14		nsp	nsp	PWB ASSY	CVBS Y/C (9600) ASSY
	PP34		nsp	nsp	PWB ASSY	AUX (9600) ASSY
	PP44		nsp	nsp	PWB ASSY	OPT (9600) ASSY
	PP74		nsp	nsp	PWB ASSY	HEADPHONE (9600) ASSY
	PPB4		nsp	nsp	PWB ASSY	CONNECTION (AUX) (9600) ASSY
	PPC4		nsp	nsp	PWB ASSY	KIKOU ATE (MIC) ASSY
	PS14		nsp	nsp	PWB ASSY	FUNCTION (9600) ASSY
	PV24		nsp	nsp	PWB ASSY	1394 ASSY
	PW24		nsp	nsp	PWB ASSY	MAIN CPU (9600) ASSY
	PX14		88M12AJ630101	88M12AJ630101	PWB ASSY	HDMI ASSY
	▲ T001	/F N	nsp	00MTS42002240	TRANSF.	# POWER TRANS. FOR MAIN 100V
	▲ T001	/N1B	00MTS42002270	00MTS42002270	TRANSF.	# POWER TRANS. FOR MAIN 230V
	▲ T001	/N1G	00MTS42002270	00MTS42002270	TRANSF.	# POWER TRANS. FOR MAIN 230V
	▲ T001	/N1S	00MTS42002270	00MTS42002270	TRANSF.	# POWER TRANS. FOR MAIN 230V
	▲ T001	/U1B	nsp	00MTS42002250	TRANSF.	# POWER TRANS. FOR MAIN 120V
	▲ T001	/U1G	nsp	00MTS42002250	TRANSF.	# POWER TRANS. FOR MAIN 120V
	W504		nsp	00MYU22080520	FPC	SMCD-22X080-BDX8-P1.0-S5.0+5.0-M UL2896
	W810		nsp	00MYU15100520	FPC	SMCD-15X100-BDX6-P1.0-S4
	WA52		nsp	00MYU23130520	FPC	SMCD-23X130-BDX6-P1.0-S4.0+4.0-M UL2896
	WC04		nsp	00MYU28060520	FPC	SMCD-28X60-BDX6-P1.0-S4
	WCK2		nsp	00MYU28660520	FPC	SMCD-28X660-BDX6-P1.0-S4.0+4.0-M UL2896
	WD02		nsp	00MYU13080520	FPC	SMCD-13X080-BDX6-P1.0-S4.0+4.0-M UL2896
	WF07		nsp	00MYU25140520	FPC	SMCD-25X140-BDX6-P1.0-S4.0+4.0-M UL2896
	WF11		nsp	00MYU29100520	FPC	SMCD-29X100-BDX6-P1.0-S4.0+4.0-M UL2896
	WK01		nsp	00MYU15110520	FPC	SMCD-15X110-BDX6-P1.0-S4-M
	WM02		nsp	00MYU22080520	FPC	SMCD-22X080-BDX8-P1.0-S5.0+5.0-M UL2896
	WP60		nsp	00MYU13060520	FPC	SMCD-13X60-BDX6-P1.0-S4.0+4.0-M UL2896
	WT01		nsp	00MYU17200520	FPC	SUMICARD SMCD-17X200-BDX6-P1.0
	WT02		nsp	00MYU15130530	FPC	SMCD-15X130-BDX8-P1.25-S6.0+6.0-B UL2896
	WT03		nsp	00MYU15180530	FPC	SMCD-15X180-BDX8-P1.25-S6.0+6.0-B UL2896
	WU01		nsp	00MYU30140520	FPC	SMCD-30X140-BDX6-P1.0-S4.0+4.0-M UL2896
	WU03		nsp	00MYU26110520	FPC	SMCD-26X110-BDX6-P1.0-S4.0+4.0-M UL2896
	WU04		nsp	00MYU24110520	FPC	SMCD-24X110-BDX6-P1.0-S4.0+4.0-M UL2896
	▲ Z501		00MZK300J0020	00MZK300J0020	UNIT KIT	! DC FAN MOTOR UNIT W/3P WIRE
PACKING						
	001T	/F N	nsp	00M11AJ851110	USER GUIDE	USER GUIDE FOR F
	001T	/N1B	00M11AJ851310	00M11AJ851310	USER GUIDE	USER GUIDE FOR N
	001T	/N1G	00M11AJ851310	00M11AJ851310	USER GUIDE	USER GUIDE FOR N
	001T	/N1S	00M11AJ851310	00M11AJ851310	USER GUIDE	USER GUIDE FOR N
	001T	/U1B	nsp	00M11AJ851250	USER GUIDE	USER GUIDE FOR U
	001T	/U1G	nsp	00M11AJ851250	USER GUIDE	USER GUIDE FOR U
	Z004		00MZK12AJ0010	00MZK12AJ0010	UNIT KIT	REMOTE CONTROLLER RC3200B
	Z007		00M11BW009010	00M11BW009010	ANTENNA	MIC MC-10
	▲ Z011	/F N	nsp	00MZC02001210	MAINS CORD	# MAINS CORD FOR F 125V 15A
	▲ Z011	/N1B	00MZC01803080	00MZC01803080	MAINS CORD	# 2P MAINS CORD 10A 250V CLASS2
	▲ Z011	/N1G	00MZC01803080	00MZC01803080	MAINS CORD	# 2P MAINS CORD 10A 250V CLASS2
	▲ Z011	/N1S	00MZC01803080	00MZC01803080	MAINS CORD	# 2P MAINS CORD 10A 250V CLASS2
	▲ Z011	/U1B	nsp	00D2062220004	MAINS CORD	! MAINS CORD SET (E3)
	▲ Z011	/U1G	nsp	00D2062220004	MAINS CORD	! MAINS CORD SET (E3)
NOT STANDARD SPARE PART						
	002S		nsp	00M11AJ809010	CUSHION	CUSHION BOTTOM FRONT
	003S		nsp	00M11AJ809020	CUSHION	CUSHION BOTTOM REAR
	005S		nsp	00M11AJ801010	PACKING CASE	PACKING CASE SR9600

NOTE "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS

P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
	008S		nsp	00M11AJ809030	CUSHION	CUSHION TOP FRONT
	009S		nsp	00M11AJ809040	CUSHION	CUSHION TOP REAR
	020S	/N1B	nsp	00M11AJ805010	MASS CARTON	MASTER CARTON
	020S	/N1G	nsp	00M11AJ805010	MASS CARTON	MASTER CARTON
	020S	/N1S	nsp	00M11AJ805010	MASS CARTON	MASTER CARTON
	001D	/F N	nsp	00M11AJ257110	LID	TOP LID GL
	001D	/N1B	nsp	00M11AJ257010	LID	TOP LID BL
	001D	/N1G	nsp	00M11AJ257110	LID	TOP LID GL
	001D	/N1S	nsp	00M11AJ257210	LID	TOP LID SL
	001D	/U1B	nsp	00M11AJ257010	LID	TOP LID BL
	001D	/U1G	nsp	00M11AJ257110	LID	TOP LID GL
	Z003	/U1B	nsp	00MYP90000310	PLUG	ANT ADAPTOR
	Z003	/U1G	nsp	00MYP90000310	PLUG	ANT ADAPTOR

NOTE "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS


5148
Ø3X6(M)x2
5129
Ø3X8(M)x2
5126
Ø3X8(M)
071B
C2
058B
136Gx2
B2
5148
Ø3X6(M)
5128
Ø4X35(U)
x4
Z501
5128
Ø3X8(M)x4
106Gx4
002L
103Gx2
5204
Ø4X8(M)
x2
L
P114
009Lx28
008Lx2
110G
111G
112G
P124
5148
Ø3X6(M)x18
P214
120G
121G
122G
5126
Ø3X12(M)
x2
016L
001Lx2
P224
-P244
006Lx18
P134-164
5126
Ø3X12(M)
x7
004L
014Lx4
5128
Ø3X8(M)
x4
P254
5126
Ø3X12(M)
x4
5126
Ø3X12(M)x4
5129
Ø3X8(M)
PD14
J220-J008
6F
5128
Ø3X8(M)x9
146G
5128
Ø3X8(M)
5128
Ø3X8(M)x2
PS14
5F
5128
Ø3X8(M)x8
135Gx3
043G
5128
Ø3X8(M)
x3
044G
K2
042Gx3
4F
5128
Ø3X8(M)x6
PL14
N
M
092G
093G
5128
Ø3X8(M)x2
E2
F2
5128
Ø3X8(M)x4
5128
Ø3X8(M)x3
5128
Ø3X8(M)x2
P324
150G
5128
Ø3X8(M)
x6
144Gx7
Z011
F
U
N
5110
Ø3X8(M)
5405
Ø3(M)
J001
5128
Ø3X8(M)x2
5129
Ø3X8(M)
D2
E2
010G
5128
Ø3X8(M)x6
AT01
AT02
137G
5128
Ø3X8(M)
061G
N
5110
Ø3X6(M)
P334
1F
5128
Ø3X8(M)
x2
5129
Ø3X8(M)x2
G2
H2
5129
Ø3X8(M)x2
5128
Ø3X8(M)
053G
5128
Ø3X6(M)
054G
5183
Ø1.7X5(U)x2
022G
5110
Ø3X6(M)x2
5110
Ø3X6(M)
x5
5128
Ø3X8(M)
X4
PV24
3F
PX14
059G
P514
5128
Ø3X8(M)
x8
058G
M
P714
2F
039Gx2
PF14
5128
Ø3X8(M)
x10
102G
x4
5110
Ø3X4(A)x8
P624
J2
5110
Ø3X6(M)
5128
Ø3X8(M)
x5
1F
037Gx2
PW24
I2

13. ELECTRICAL PARTS LIST

PARTS INFORMATION

RESISTORS

1) 00MGD05 ××× 140, Carbon film fixed resistor, ±5% 1/4W
2) 00MGD05 ××× 160, Carbon film fixed resistor, ±5% 1/6W
$\underbrace{}_{①}$ —— Resistance value

Examples ;
① Resistance value

0.1 Ω 001	10 Ω 100	1 kΩ 102	100 kΩ 104
0.5 Ω 005	18 Ω 180	2.7 kΩ 272	680 kΩ 684
1 Ω 010	100 Ω 101	10 kΩ 103	1 MΩ 105
6.8 Ω 068	390 Ω 391	22 kΩ 223	4.7 MΩ 475

Note : Please distinguish 1/4W from 1/6W by the shape of parts used actually.

CAPACITORS

CERAMIC CAP.
3) 00MDD1×××370 Ceramic capacitor
Disc type
Temp.coeff.P350 ∼N1000, 50V
② ③
Capacity value
Tolerance

Examples ;
② Tolerance (Capacity deviation)
±0.25 pF 0
±0.5 pF 1
±5% 5

✱ Tolerance of COMMON PARTS handled here are as follows :
0.5 pF∼ 5 pF .... ±0.25 pF
6 pF∼ 10 pF .... ±0.5 pF
12 pF∼ 560 pF .... ±5%

③ Capacity value

0.5 pF 005	3 pF 030	100 pF 101
1 pF 010	10 pF 100	220 pF 221
1.5 pF 015	47 pF 470	560 pF 561

CERAMIC CAP.
4) 00MDK16××× 300, High dielectric constant ceramic capacitor
Disc type
Temp.chara. 2B4, 50V
④
Capacity value

Examples ;
④ Capacity value
100 pF .... 101 1000 pF .... 102 10000 pF 103
470 pF .... 471 2200 pF 222

ELECTROLY CAP. (≠)
5) 00MEA×××××× 10, Electrolytic capacitor
One-way lead type, Tolerance ±20%
⑤ ⑥
Working voltage
Capacity value

Examples ;
⑤ Capacity value

0.1 µF 104	4.7 µF 475	100 µF 107
0.33 µF 334	10 µF 106	330 µF 337
1 µF 105	22 µF 226	1100 µF 118
		2200 µF 228

⑥ Working voltage

6.3V 006	25V 025
10V 010	35V 035
16V 016	50V 050

FILM CAP. (≑)
6) 00MDF15 ××× 350 → Plastic film capacitor
00MDF15 ××× 310 → One-way type, Mylar ±5% 50V
00MDF16 ××× 310 → Plastic film capacitor
One-way type, Mylar ±10% 50V
⑦
Capacity value

Examples ;
⑦ Capacity value

0.001 µF (1000 pF) 102	0.1 µF 104
0.0018 µF 182	0.56 µF 564
0.01 µF 103	1 µF 105
0.015 µF 153	

NOTE ON SAFETY FOR FUSIBLE RESISTOR :

The suppliers and their type numbers of fusible resistors are as follows;

1. KOA Corporation

Part No. (MJI)	Type No. (KOA)	Description
00MNH05 ××× 140	→ RF25S ××××ΩJ	(±5% 1/4W)
00MNH05 ××× 120	→ RF50S ××××ΩJ	(±5% 1/2W)
00MNH85 ××× 110	→ RF73B2A ××××ΩJ	(±5% 1/10W)
00MNH95 ××× 140	→ RF73B2E ××××ΩJ	(±5% 1/4W)

✱ Resistance value — Resistance value (0.1 Ω – 10 kΩ)

2. Matsushita Electronic Components Co., Ltd

Part No. (MJI)	Type No. (MEC)	Description
00MNF05 ××× 140 / 00MRF05 ××× 140	→ ERD-2FCJ ×××	(±5% 1/4W)
00MNF02 ××× 140 / 00MRF02 ××× 140	→ ERD-2FCG ×××	(±2% 1/4W)

✱ Resistance value — ✱ Resistance value

Examples ;
✱ Resistance value

0.1 Ω 001	10 Ω 100	1 kΩ 102	100 kΩ 104
0.5 Ω 005	18 Ω 180	2.7 kΩ 272	680 kΩ 684
1 Ω 010	100 Ω 101	10 kΩ 103	1 MΩ 105
6.8 Ω 068	390 Ω 391	22 kΩ 223	4.7 MΩ 475

ABBREVIATION AND MARKS

ANT.	: ANTENNA	BATT.	: BATTERY
CAP.	: CAPACITOR	CER.	: CERAMIC
CONN.	: CONNECTING	DIG.	: DIGITAL
HP	: HEADPHONE	MIC.	: MICROPHONE
µ-PRO	: MICROPROCESSOR	REC.	: RECORDING
RES.	: RESISTOR	SPK	: SPEAKER
SW	: SWITCH	TRANSF.	: TRANSFORMER
TRIM.	: TRIMMING	TRS.	: TRANSISTOR
VAR.	: VARIABLE	X'TAL	: CRYSTAL

NOTE ON FUSE :

Regarding to all parts of parts code **00MFS20xxx2xx**, replace only with Wickmann-Werke GmbH, Type 372 non glass type fuse.

NOTE ON SAFETY :

Symbol ⚠ Fire or electrical shock hazard. Only original parts should be used to replaced any part marked with symbol ⚠ . Any other component substitution (other than original type), may increase risk of fire or electrical shock hazard.

安全上の注意：
⚠がついている部品は、安全上重要な部品です。必ず指定されている部品番号の部品を使用して下さい。

040623ecm

P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
					POWER AMP1 PWB (00MWA12AJ101-)	
P114	C101		nsp	00MOA22602540	ELECT. CAP.	22 UF M 25V ARS-TYPE ELNA
P114	C102		00MOF15331540	00MOF15331540	FILM CAP.	APSV 331J,330PF(TP) 100V PP
P114	C103		nsp	00MOA10705020	ELECT. CAP.	100 UF M 50V RA-2
P114	C104		00MOF15332540	00MOF15332540	FILM CAP.	APSV 332J 3300PF(TF)100V PP
P114	C105		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
P114	C106		nsp	00MOA10710020	ELECT. CAP.	RA2-100V101MC-S1
P114	C107		nsp	00MOA10710020	ELECT. CAP.	RA2-100V101MC-S1
P114	C108		00MOF15103540	00MOF15103540	FILM CAP.	APSV 103J,0.01UF(TP) 100V PP
P114	C111		00MOF55100590	00MOF55100590	FILM CAP.	10PF 200V +- 5% FAS
P114	C112		00MOF55470590	00MOF55470590	FILM CAP.	47PF 200V +- 5% FAS
P114	C113		00MOF55470590	00MOF55470590	FILM CAP.	47PF 200V +- 5% FAS
P114	C148		nsp	00MOA10702520	ELECT. CAP.	100 UF M 25V RA-2
P114	C149		nsp	00MOA10702520	ELECT. CAP.	100 UF M 25V RA-2
P114	C201		nsp	00MOA22602540	ELECT. CAP.	22 UF M 25V ARS-TYPE ELNA
P114	C202		00MOF15331540	00MOF15331540	FILM CAP.	APSV 331J,330PF(TP) 100V PP
P114	C203		nsp	00MOA10705020	ELECT. CAP.	100 UF M 50V RA-2
P114	C204		00MOF15332540	00MOF15332540	FILM CAP.	APSV 332J 3300PF(TF)100V PP
P114	C205		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
P114	C206		nsp	00MOA10710020	ELECT. CAP.	RA2-100V101MC-S1
P114	C207		nsp	00MOA10710020	ELECT. CAP.	RA2-100V101MC-S1
P114	C208		00MOF15103540	00MOF15103540	FILM CAP.	APSV 103J,0.01UF(TP) 100V PP
P114	C211		00MOF55100590	00MOF55100590	FILM CAP.	10PF 200V +- 5% FAS
P114	C212		00MOF55470590	00MOF55470590	FILM CAP.	47PF 200V +- 5% FAS
P114	C213		00MOF55470590	00MOF55470590	FILM CAP.	47PF 200V +- 5% FAS
P114	C248		nsp	00MOA10702520	ELECT. CAP.	100 UF M 25V RA-2
P114	C249		nsp	00MOA10702520	ELECT. CAP.	100 UF M 25V RA-2
P114	C301		nsp	00MOA22602540	ELECT. CAP.	22 UF M 25V ARS-TYPE ELNA
P114	C302		00MOF15331540	00MOF15331540	FILM CAP.	APSV 331J,330PF(TP) 100V PP
P114	C303		nsp	00MOA10705020	ELECT. CAP.	100 UF M 50V RA-2
P114	C304		00MOF15332540	00MOF15332540	FILM CAP.	APSV 332J 3300PF(TF)100V PP
P114	C305		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
P114	C306		nsp	00MOA10710020	ELECT. CAP.	RA2-100V101MC-S1
P114	C307		nsp	00MOA10710020	ELECT. CAP.	RA2-100V101MC-S1
P114	C308		00MOF15103540	00MOF15103540	FILM CAP.	APSV 103J,0.01UF(TP) 100V PP
P114	C311		00MOF55100590	00MOF55100590	FILM CAP.	10PF 200V +- 5% FAS
P114	C312		00MOF55470590	00MOF55470590	FILM CAP.	47PF 200V +- 5% FAS
P114	C313		00MOF55470590	00MOF55470590	FILM CAP.	47PF 200V +- 5% FAS
P114	C348		nsp	00MOA10702520	ELECT. CAP.	100 UF M 25V RA-2
P114	C349		nsp	00MOA10702520	ELECT. CAP.	100 UF M 25V RA-2
P114	C401		nsp	00MOA22602540	ELECT. CAP.	22 UF M 25V ARS-TYPE ELNA
P114	C402		00MOF15331540	00MOF15331540	FILM CAP.	APSV 331J,330PF(TP) 100V PP
P114	C403		nsp	00MOA10705020	ELECT. CAP.	100 UF M 50V RA-2
P114	C404		00MOF15332540	00MOF15332540	FILM CAP.	APSV 332J 3300PF(TF)100V PP
P114	C405		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
P114	C406		nsp	00MOA10710020	ELECT. CAP.	RA2-100V101MC-S1
P114	C407		nsp	00MOA10710020	ELECT. CAP.	RA2-100V101MC-S1
P114	C408		00MOF15103540	00MOF15103540	FILM CAP.	APSV 103J,0.01UF(TP) 100V PP
P114	C411		00MOF55100590	00MOF55100590	FILM CAP.	10PF 200V +- 5% FAS
P114	C412		00MOF55470590	00MOF55470590	FILM CAP.	47PF 200V +- 5% FAS
P114	C413		00MOF55470590	00MOF55470590	FILM CAP.	47PF 200V +- 5% FAS
P114	C448		nsp	00MOA10702520	ELECT. CAP.	100 UF M 25V RA-2
P114	C449		nsp	00MOA10702520	ELECT. CAP.	100 UF M 25V RA-2
P114	CN35		00MDF15103350	00MDF15103350	FILM CAP.	0.01UF,J,M,50V
P114	D101		nsp	00MHD20002000	DIODE	1SS176,MA165,1SS254 30V 0.1A
P114	D102		nsp	00MHD20002000	DIODE	1SS176,MA165,1SS254 30V 0.1A
P114	D103		nsp	00MHD20002000	DIODE	1SS176,MA165,1SS254 30V 0.1A
P114	D104		nsp	00MHD20002000	DIODE	1SS176,MA165,1SS254 30V 0.1A
P114	D105		00MHD30821000	00MHD30821000	ZENER DIODE	8.2V ZENER EQUIVALENT
P114	D106		00MHD30821000	00MHD30821000	ZENER DIODE	8.2V ZENER EQUIVALENT
P114	D107		nsp	00MHD20027010	DIODE	HSS81TD 150V 150MA AXIAL
P114	D109		00MHD30431000	00MHD30431000	ZENER DIODE	4.3V ZENER EQUIVALENT
P114	D111		00MHD31601000	00MHD31601000	ZENER DIODE	16V ZENER EQUIVALENT
P114	D112		00MHD31601000	00MHD31601000	ZENER DIODE	16V ZENER EQUIVALENT
P114	D201		nsp	00MHD20002000	DIODE	1SS176,MA165,1SS254 30V 0.1A
P114	D202		nsp	00MHD20002000	DIODE	1SS176,MA165,1SS254 30V 0.1A
P114	D203		nsp	00MHD20002000	DIODE	1SS176,MA165,1SS254 30V 0.1A

NOTE "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS

P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
P114	D204		nsp	00MHD20002000	DIODE	1SS176,MA165,1SS254 30V 0.1A
P114	D205		00MHD30821000	00MHD30821000	ZENER DIODE	8.2V ZENER EQUIVALENT
P114	D206		00MHD30821000	00MHD30821000	ZENER DIODE	8.2V ZENER EQUIVALENT
P114	D207		nsp	00MHD20027010	DIODE	HSS81TD 150V 150MA AXIAL
P114	D209		00MHD30431000	00MHD30431000	ZENER DIODE	4.3V ZENER EQUIVALENT
P114	D211		00MHD31601000	00MHD31601000	ZENER DIODE	16V ZENER EQUIVALENT
P114	D212		00MHD31601000	00MHD31601000	ZENER DIODE	16V ZENER EQUIVALENT
P114	D301		nsp	00MHD20002000	DIODE	1SS176,MA165,1SS254 30V 0.1A
P114	D302		nsp	00MHD20002000	DIODE	1SS176,MA165,1SS254 30V 0.1A
P114	D303		nsp	00MHD20002000	DIODE	1SS176,MA165,1SS254 30V 0.1A
P114	D304		nsp	00MHD20002000	DIODE	1SS176,MA165,1SS254 30V 0.1A
P114	D305		00MHD30821000	00MHD30821000	ZENER DIODE	8.2V ZENER EQUIVALENT
P114	D306		00MHD30821000	00MHD30821000	ZENER DIODE	8.2V ZENER EQUIVALENT
P114	D307		nsp	00MHD20027010	DIODE	HSS81TD 150V 150MA AXIAL
P114	D309		00MHD30431000	00MHD30431000	ZENER DIODE	4.3V ZENER EQUIVALENT
P114	D311		00MHD31601000	00MHD31601000	ZENER DIODE	16V ZENER EQUIVALENT
P114	D312		00MHD31601000	00MHD31601000	ZENER DIODE	16V ZENER EQUIVALENT
P114	D401		nsp	00MHD20002000	DIODE	1SS176,MA165,1SS254 30V 0.1A
P114	D402		nsp	00MHD20002000	DIODE	1SS176,MA165,1SS254 30V 0.1A
P114	D403		nsp	00MHD20002000	DIODE	1SS176,MA165,1SS254 30V 0.1A
P114	D404		nsp	00MHD20002000	DIODE	1SS176,MA165,1SS254 30V 0.1A
P114	D405		00MHD30821000	00MHD30821000	ZENER DIODE	8.2V ZENER EQUIVALENT
P114	D406		00MHD30821000	00MHD30821000	ZENER DIODE	8.2V ZENER EQUIVALENT
P114	D407		nsp	00MHD20027010	DIODE	HSS81TD 150V 150MA AXIAL
P114	D409		00MHD30431000	00MHD30431000	ZENER DIODE	4.3V ZENER EQUIVALENT
P114	D411		00MHD31601000	00MHD31601000	ZENER DIODE	16V ZENER EQUIVALENT
P114	D412		00MHD31601000	00MHD31601000	ZENER DIODE	16V ZENER EQUIVALENT
P114	J132		00MYP07003820	00MYP07003820	PLUG	9202B-1-02-T
P114	J232		00MYP07003820	00MYP07003820	PLUG	9202B-1-02-T
P114	J332		00MYP07003820	00MYP07003820	PLUG	9202B-1-02-T
P114	J432		00MYP07003820	00MYP07003820	PLUG	9202B-1-02-T
P114	⚠ K101		00MHK136019C0	00MHK136019C0	TRS. KIT	! 2SA1360/2SC3423 PAIR FOR Q114/Q115
P114	⚠ Q114		nsp	nsp	TRS.	! 2SC3423 O OR Y PAIR WITH Q115
P114	⚠ Q115		nsp	nsp	TRS.	! 2SA1360 O OR Y PAIR WITH Q114
P114	⚠ K102		00MHK185919C0	00MHK185919C0	TRS. KIT	! 2SA1859/C4883 O OR Y
P114	⚠ Q112		nsp	nsp	TRS.	! 2SC4883 O OR Y PAIR WITH Q113
P114	⚠ Q113		nsp	nsp	TRS.	! 2SA1859 O OR Y PAIR WITH Q112
P114	⚠ K103		00MHK121619F0	00MHK121619F0	TRS. KIT	! 2SA1216/2SC2922 PAIR FOR Q116/Q117
P114	⚠ Q116		nsp	nsp	TRS.	! 2SC2922 17A 200W PAIR WITH Q117
P114	⚠ Q117		nsp	nsp	TRS.	! 2SA1216 17A 200W PAIR WITH Q116
P114	⚠ K201		00MHK136019C0	00MHK136019C0	TRS. KIT	! 2SA1360/2SC3423 O OR Y
P114	⚠ Q214		nsp	nsp	TRS.	! 2SC3423 O OR Y PAIR WITH Q215
P114	⚠ Q215		nsp	nsp	TRS.	! 2SA1360 O OR Y PAIR WITH Q214
P114	⚠ K202		00MHK185919C0	00MHK185919C0	TRS. KIT	! 2SA1859/C4883 O OR Y
P114	⚠ Q212		nsp	nsp	TRS.	! 2SC4883 O OR Y PAIR WITH Q213
P114	⚠ Q213		nsp	nsp	TRS.	! 2SA1859 O OR Y PAIR WITH Q212
P114	⚠ K203		00MHK121619F0	00MHK121619F0	TRS. KIT	! 2SA1216/2SC2922 PAIR FOR Q216/Q217
P114	⚠ Q216		nsp	nsp	TRS.	! 2SC2922 17A 200W PAIR WITH Q217
P114	⚠ Q217		nsp	nsp	TRS.	! 2SA1216 17A 200W PAIR WITH Q216
P114	⚠ K301		00MHK136019C0	00MHK136019C0	TRS. KIT	! 2SA1360/2SC3423 O OR Y
P114	⚠ Q314		nsp	nsp	TRS.	! 2SC3423 O OR Y PAIR WITH Q315
P114	⚠ Q315		nsp	nsp	TRS.	! 2SA1360 O OR Y PAIR WITH Q314
P114	⚠ K302		00MHK185919C0	00MHK185919C0	TRS. KIT	! 2SA1859/C4883 O OR Y
P114	⚠ Q312		nsp	nsp	TRS.	! 2SC4883 O OR Y PAIR WITH Q313
P114	⚠ Q313		nsp	nsp	TRS.	! 2SA1859 O OR Y PAIR WITH Q312
P114	⚠ K303		00MHK121619F0	00MHK121619F0	TRS. KIT	! 2SA1216/2SC2922 PAIR FOR Q316/Q317
P114	⚠ Q316		nsp	nsp	TRS.	! 2SC2922 17A 200W PAIR WITH Q317
P114	⚠ Q317		nsp	nsp	TRS.	! 2SA1216 17A 200W PAIR WITH Q316
P114	⚠ K401		00MHK136019C0	00MHK136019C0	TRS. KIT	! 2SA1360/2SC3423 O OR Y
P114	⚠ Q414		nsp	nsp	TRS.	! 2SC3423 O OR Y PAIR WITH Q415
P114	⚠ Q415		nsp	nsp	TRS.	! 2SA1360 O OR Y PAIR WITH Q414
P114	⚠ K402		00MHK185919C0	00MHK185919C0	TRS. KIT	! 2SA1859/C4883 O OR Y
P114	⚠ Q412		nsp	nsp	TRS.	! 2SC4883 O OR Y PAIR WITH Q413
P114	⚠ Q413		nsp	nsp	TRS.	! 2SA1859 O OR Y PAIR WITH Q412
P114	⚠ K403		00MHK121619F0	00MHK121619F0	TRS. KIT	! 2SA1216/2SC2922 PAIR FOR Q416/Q417
P114	⚠ Q416		nsp	nsp	TRS.	! 2SC2922 17A 200W PAIR WITH Q417
P114	⚠ Q417		nsp	nsp	TRS.	! 2SA1216 17A 200W PAIR WITH Q416

NOTE "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS

P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
P114	Q101		00MHC10053090	00MHC10053090	IC	NJM2068DD:MONO ANA
P114	Q103		00MHT600121A0	00MHT600121A0	TRS.	KTA1268 PNP TRANSISTOR RANK=GR
P114	Q104		00MHT800931A0	00MHT800931A0	TRS.	KTC3200 NPN TRANSISTOR RANK=GR
P114	Q105		00MHT800931A0	00MHT800931A0	TRS.	KTC3200 NPN TRANSISTOR RANK=GR
P114	Q106		00MHT600121A0	00MHT600121A0	TRS.	KTA1268 PNP TRANSISTOR RANK=GR
P114	Q107		00MHT600121A0	00MHT600121A0	TRS.	KTA1268 PNP TRANSISTOR RANK=GR
P114	Q108		00MHT800931A0	00MHT800931A0	TRS.	KTC3200 NPN TRANSISTOR RANK=GR
P114	Q109		00MHT600131B0	00MHT600131B0	TRS.	KTA1024 PNP TRANSISTOR RANK=Y
P114	Q110		00MHT800941B0	00MHT800941B0	TRS.	KTC3206 NPN TRANSISTOR RANK=Y
P114	Q118		00MHT800931A0	00MHT800931A0	TRS.	KTC3200 NPN TRANSISTOR RANK=GR
P114	Q201		00MHC10053090	00MHC10053090	IC	NJM2068DD:MONO ANA
P114	Q203		00MHT600121A0	00MHT600121A0	TRS.	KTA1268 PNP TRANSISTOR RANK=GR
P114	Q204		00MHT800931A0	00MHT800931A0	TRS.	KTC3200 NPN TRANSISTOR RANK=GR
P114	Q205		00MHT800931A0	00MHT800931A0	TRS.	KTC3200 NPN TRANSISTOR RANK=GR
P114	Q206		00MHT600121A0	00MHT600121A0	TRS.	KTA1268 PNP TRANSISTOR RANK=GR
P114	Q207		00MHT600121A0	00MHT600121A0	TRS.	KTA1268 PNP TRANSISTOR RANK=GR
P114	Q208		00MHT800931A0	00MHT800931A0	TRS.	KTC3200 NPN TRANSISTOR RANK=GR
P114	Q209		00MHT600131B0	00MHT600131B0	TRS.	KTA1024 PNP TRANSISTOR RANK=Y
P114	Q210		00MHT800941B0	00MHT800941B0	TRS.	KTC3206 NPN TRANSISTOR RANK=Y
P114	Q218		00MHT800931A0	00MHT800931A0	TRS.	KTC3200 NPN TRANSISTOR RANK=GR
P114	Q301		00MHC10053090	00MHC10053090	IC	NJM2068DD:MONO ANA
P114	Q303		00MHT600121A0	00MHT600121A0	TRS.	KTA1268 PNP TRANSISTOR RANK=GR
P114	Q304		00MHT800931A0	00MHT800931A0	TRS.	KTC3200 NPN TRANSISTOR RANK=GR
P114	Q305		00MHT800931A0	00MHT800931A0	TRS.	KTC3200 NPN TRANSISTOR RANK=GR
P114	Q306		00MHT600121A0	00MHT600121A0	TRS.	KTA1268 PNP TRANSISTOR RANK=GR
P114	Q307		00MHT600121A0	00MHT600121A0	TRS.	KTA1268 PNP TRANSISTOR RANK=GR
P114	Q308		00MHT800931A0	00MHT800931A0	TRS.	KTC3200 NPN TRANSISTOR RANK=GR
P114	Q309		00MHT600131B0	00MHT600131B0	TRS.	KTA1024 PNP TRANSISTOR RANK=Y
P114	Q310		00MHT800941B0	00MHT800941B0	TRS.	KTC3206 NPN TRANSISTOR RANK=Y
P114	Q318		00MHT800931A0	00MHT800931A0	TRS.	KTC3200 NPN TRANSISTOR RANK=GR
P114	Q401		00MHC10053090	00MHC10053090	IC	NJM2068DD:MONO ANA
P114	Q403		00MHT600121A0	00MHT600121A0	TRS.	KTA1268 PNP TRANSISTOR RANK=GR
P114	Q404		00MHT800931A0	00MHT800931A0	TRS.	KTC3200 NPN TRANSISTOR RANK=GR
P114	Q405		00MHT800931A0	00MHT800931A0	TRS.	KTC3200 NPN TRANSISTOR RANK=GR
P114	Q406		00MHT600121A0	00MHT600121A0	TRS.	KTA1268 PNP TRANSISTOR RANK=GR
P114	Q407		00MHT600121A0	00MHT600121A0	TRS.	KTA1268 PNP TRANSISTOR RANK=GR
P114	Q408		00MHT800931A0	00MHT800931A0	TRS.	KTC3200 NPN TRANSISTOR RANK=GR
P114	Q409		00MHT600131B0	00MHT600131B0	TRS.	KTA1024 PNP TRANSISTOR RANK=Y
P114	Q410		00MHT800941B0	00MHT800941B0	TRS.	KTC3206 NPN TRANSISTOR RANK=Y
P114	Q418		00MHT800931A0	00MHT800931A0	TRS.	KTC3200 NPN TRANSISTOR RANK=GR
P114	QN27		00MHT600121A0	00MHT600121A0	TRS.	KTA1268 PNP TRANSISTOR RANK=GR
P114	R104		nsp	00MGD05180160	RES.	18 OHM +- 5% 1/6W
P114	R105		nsp	00MGD05333160	RES.	33K OHM +- 5% 1/6W
P114	R106		00MNK05121020	00MNK05121020	METAL RES.	120 OHM +-5% 2W ERG2SJ121E
P114	R107		00MNK05121020	00MNK05121020	METAL RES.	120 OHM +-5% 2W ERG2SJ121E
P114	R108		00MNK05121020	00MNK05121020	METAL RES.	120 OHM +-5% 2W ERG2SJ121E
P114	R109		00MNK05151020	00MNK05151020	METAL RES.	150 OHM +-5% 2W ERG2SJ151E
P114	R110		nsp	00MGD05101160	RES.	100 OHM +- 5% 1/6W
P114	R111		nsp	00MGD05682160	RES.	6.8K OHM +- 5% 1/6W
P114	R112		nsp	00MGD05682160	RES.	6.8K OHM +- 5% 1/6W
P114	R115		nsp	00MGD05330160	RES.	33 OHM +- 5% 1/6W
P114	R116		nsp	00MGD05330160	RES.	33 OHM +- 5% 1/6W
P114	R117		00MNB51514240	00MNB51514240	RES.	LT 150 OHM 1/6W J 2400PPM
P114	R118		00MNB51514240	00MNB51514240	RES.	LT 150 OHM 1/6W J 2400PPM
P114	R119		nsp	00MGD05334160	RES.	330K OHM +- 5% 1/6W
P114	R120		nsp	00MGD05334160	RES.	330K OHM +- 5% 1/6W
P114	R121		nsp	00MGD05682160	RES.	6.8K OHM +- 5% 1/6W
P114	R122		nsp	00MGD05102160	RES.	1K OHM +- 5% 1/6W
P114	R123		00MRA01020760	00MRA01020760	TRIM. RES.	VARIABLE RESISTOR 1K VERTICAL
P114	R129		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P114	R130		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P114	R132		00MBW10000130	00MBW10000130	RES. COMPO.	RGC55T-0.1-OHM-KX2
P114	R133		nsp	00MGD05152160	RES.	1.5K OHM +- 5% 1/6W
P114	R135		nsp	00MGD05102160	RES.	1K OHM +- 5% 1/6W
P114	R136		nsp	00MGD05223160	RES.	22K OHM +- 5% 1/6W
P114	R139		nsp	00MGD05223160	RES.	22K OHM +- 5% 1/6W
P114	R142		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E

NOTE "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS

P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
P114	R143		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P114	R144		00MNK05152020	00MNK05152020	METAL RES.	1.5K OHM +-5% 2W ERG2SJ152E
P114	R145		00MNK05152020	00MNK05152020	METAL RES.	1.5K OHM +-5% 2W ERG2SJ152E
P114	R149		nsp	00MGD05100160	RES.	10 OHM +- 5% 1/6W
P114	R1A1		nsp	00MGD05330160	RES.	33 OHM +- 5% 1/6W
P114	R1A2		nsp	00MGD05330160	RES.	33 OHM +- 5% 1/6W
P114	R1A5		nsp	00MGD05154160	RES.	150K OHM +- 5% 1/6W
P114	R1A6		nsp	00MGD05473160	RES.	47K OHM +- 5% 1/6W
P114	R204		nsp	00MGD05180160	RES.	18 OHM +- 5% 1/6W
P114	R205		nsp	00MGD05333160	RES.	33K OHM +- 5% 1/6W
P114	R206		00MNK05121020	00MNK05121020	METAL RES.	120 OHM +-5% 2W ERG2SJ121E
P114	R207		00MNK05121020	00MNK05121020	METAL RES.	120 OHM +-5% 2W ERG2SJ121E
P114	R208		00MNK05121020	00MNK05121020	METAL RES.	120 OHM +-5% 2W ERG2SJ121E
P114	R209		00MNK05151020	00MNK05151020	METAL RES.	150 OHM +-5% 2W ERG2SJ151E
P114	R210		nsp	00MGD05101160	RES.	100 OHM +- 5% 1/6W
P114	R211		nsp	00MGD05682160	RES.	6.8K OHM +- 5% 1/6W
P114	R212		nsp	00MGD05682160	RES.	6.8K OHM +- 5% 1/6W
P114	R215		nsp	00MGD05330160	RES.	33 OHM +- 5% 1/6W
P114	R216		nsp	00MGD05330160	RES.	33 OHM +- 5% 1/6W
P114	R217		00MNB51514240	00MNB51514240	RES.	LT 150 OHM 1/6W J 2400PPM
P114	R218		00MNB51514240	00MNB51514240	RES.	LT 150 OHM 1/6W J 2400PPM
P114	R219		nsp	00MGD05334160	RES.	330K OHM +- 5% 1/6W
P114	R220		nsp	00MGD05334160	RES.	330K OHM +- 5% 1/6W
P114	R221		nsp	00MGD05682160	RES.	6.8K OHM +- 5% 1/6W
P114	R222		nsp	00MGD05102160	RES.	1K OHM +- 5% 1/6W
P114	R223		00MRA01020760	00MRA01020760	TRIM. RES.	VARIABLE RESISTOR 1K VERTICAL
P114	R229		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P114	R230		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P114	R232		00MBW10000130	00MBW10000130	RES. COMPO.	RGC55T-0.1-OHM-KX2
P114	R233		nsp	00MGD05152160	RES.	1.5K OHM +- 5% 1/6W
P114	R235		nsp	00MGD05102160	RES.	1K OHM +- 5% 1/6W
P114	R236		nsp	00MGD05223160	RES.	22K OHM +- 5% 1/6W
P114	R239		nsp	00MGD05223160	RES.	22K OHM +- 5% 1/6W
P114	R242		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P114	R243		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P114	R244		00MNK05152020	00MNK05152020	METAL RES.	1.5K OHM +-5% 2W ERG2SJ152E
P114	R245		00MNK05152020	00MNK05152020	METAL RES.	1.5K OHM +-5% 2W ERG2SJ152E
P114	R249		nsp	00MGD05100160	RES.	10 OHM +- 5% 1/6W
P114	R2A1		nsp	00MGD05330160	RES.	33 OHM +- 5% 1/6W
P114	R2A2		nsp	00MGD05330160	RES.	33 OHM +- 5% 1/6W
P114	R2A5		nsp	00MGD05154160	RES.	150K OHM +- 5% 1/6W
P114	R2A6		nsp	00MGD05473160	RES.	47K OHM +- 5% 1/6W
P114	R304		nsp	00MGD05180160	RES.	18 OHM +- 5% 1/6W
P114	R305		nsp	00MGD05333160	RES.	33K OHM +- 5% 1/6W
P114	R306		00MNK05121020	00MNK05121020	METAL RES.	120 OHM +-5% 2W ERG2SJ121E
P114	R307		00MNK05121020	00MNK05121020	METAL RES.	120 OHM +-5% 2W ERG2SJ121E
P114	R308		00MNK05121020	00MNK05121020	METAL RES.	120 OHM +-5% 2W ERG2SJ121E
P114	R309		00MNK05151020	00MNK05151020	METAL RES.	150 OHM +-5% 2W ERG2SJ151E
P114	R310		nsp	00MGD05101160	RES.	100 OHM +- 5% 1/6W
P114	R311		nsp	00MGD05682160	RES.	6.8K OHM +- 5% 1/6W
P114	R312		nsp	00MGD05682160	RES.	6.8K OHM +- 5% 1/6W
P114	R315		nsp	00MGD05330160	RES.	33 OHM +- 5% 1/6W
P114	R316		nsp	00MGD05330160	RES.	33 OHM +- 5% 1/6W
P114	R317		00MNB51514240	00MNB51514240	RES.	LT 150 OHM 1/6W J 2400PPM
P114	R318		00MNB51514240	00MNB51514240	RES.	LT 150 OHM 1/6W J 2400PPM
P114	R319		nsp	00MGD05334160	RES.	330K OHM +- 5% 1/6W
P114	R320		nsp	00MGD05334160	RES.	330K OHM +- 5% 1/6W
P114	R321		nsp	00MGD05682160	RES.	6.8K OHM +- 5% 1/6W
P114	R322		nsp	00MGD05102160	RES.	1K OHM +- 5% 1/6W
P114	R323		00MRA01020760	00MRA01020760	TRIM. RES.	VARIABLE RESISTOR 1K VERTICAL
P114	R329		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P114	R330		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P114	R332		00MBW10000130	00MBW10000130	RES. COMPO.	RGC55T-0.1-OHM-KX2
P114	R333		nsp	00MGD05152160	RES.	1.5K OHM +- 5% 1/6W
P114	R335		nsp	00MGD05102160	RES.	1K OHM +- 5% 1/6W
P114	R336		nsp	00MGD05223160	RES.	22K OHM +- 5% 1/6W
P114	R339		nsp	00MGD05223160	RES.	22K OHM +- 5% 1/6W

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
P114	R342		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P114	R343		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P114	R344		00MNK05152020	00MNK05152020	METAL RES.	1.5K OHM +-5% 2W ERG2SJ152E
P114	R345		00MNK05152020	00MNK05152020	METAL RES.	1.5K OHM +-5% 2W ERG2SJ152E
P114	R349		nsp	00MGD05100160	RES.	10 OHM +- 5% 1/6W
P114	R3A1		nsp	00MGD05330160	RES.	33 OHM +- 5% 1/6W
P114	R3A2		nsp	00MGD05330160	RES.	33 OHM +- 5% 1/6W
P114	R3A5		nsp	00MGD05154160	RES.	150K OHM +- 5% 1/6W
P114	R3A6		nsp	00MGD05473160	RES.	47K OHM +- 5% 1/6W
P114	R404		nsp	00MGD05180160	RES.	18 OHM +- 5% 1/6W
P114	R405		nsp	00MGD05333160	RES.	33K OHM +- 5% 1/6W
P114	R406		00MNK05121020	00MNK05121020	METAL RES.	120 OHM +-5% 2W ERG2SJ121E
P114	R407		00MNK05121020	00MNK05121020	METAL RES.	120 OHM +-5% 2W ERG2SJ121E
P114	R408		00MNK05121020	00MNK05121020	METAL RES.	120 OHM +-5% 2W ERG2SJ121E
P114	R409		00MNK05151020	00MNK05151020	METAL RES.	150 OHM +-5% 2W ERG2SJ151E
P114	R410		nsp	00MGD05101160	RES.	100 OHM +- 5% 1/6W
P114	R411		nsp	00MGD05682160	RES.	6.8K OHM +- 5% 1/6W
P114	R412		nsp	00MGD05682160	RES.	6.8K OHM +- 5% 1/6W
P114	R415		nsp	00MGD05330160	RES.	33 OHM +- 5% 1/6W
P114	R416		nsp	00MGD05330160	RES.	33 OHM +- 5% 1/6W
P114	R417		00MNB51514240	00MNB51514240	RES.	LT 150 OHM 1/6W J 2400PPM
P114	R418		00MNB51514240	00MNB51514240	RES.	LT 150 OHM 1/6W J 2400PPM
P114	R419		nsp	00MGD05334160	RES.	330K OHM +- 5% 1/6W
P114	R420		nsp	00MGD05334160	RES.	330K OHM +- 5% 1/6W
P114	R421		nsp	00MGD05682160	RES.	6.8K OHM +- 5% 1/6W
P114	R422		nsp	00MGD05102160	RES.	1K OHM +- 5% 1/6W
P114	R423		00MRA01020760	00MRA01020760	TRIM. RES.	VARIABLE RESISTOR 1K VERTICAL
P114	R429		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P114	R430		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P114	R432		00MBW10000130	00MBW10000130	RES. COMPO.	RGC55T-0.1-OHM-KX2
P114	R433		nsp	00MGD05152160	RES.	1.5K OHM +- 5% 1/6W
P114	R435		nsp	00MGD05102160	RES.	1K OHM +- 5% 1/6W
P114	R436		nsp	00MGD05223160	RES.	22K OHM +- 5% 1/6W
P114	R439		nsp	00MGD05223160	RES.	22K OHM +- 5% 1/6W
P114	R442		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P114	R443		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P114	R444		00MNK05152020	00MNK05152020	METAL RES.	1.5K OHM +-5% 2W ERG2SJ152E
P114	R445		00MNK05152020	00MNK05152020	METAL RES.	1.5K OHM +-5% 2W ERG2SJ152E
P114	R449		nsp	00MGD05100160	RES.	10 OHM +- 5% 1/6W
P114	R4A1		nsp	00MGD05330160	RES.	33 OHM +- 5% 1/6W
P114	R4A2		nsp	00MGD05330160	RES.	33 OHM +- 5% 1/6W
P114	R4A5		nsp	00MGD05154160	RES.	150K OHM +- 5% 1/6W
P114	R4A6		nsp	00MGD05473160	RES.	47K OHM +- 5% 1/6W
P114	RN63		nsp	00MGD05682160	RES.	6.8K OHM +- 5% 1/6W
P114	RN64		nsp	00MGD05223160	RES.	22K OHM +- 5% 1/6W
					CENTER PWB (00MWA12AJ102-)	
P124	C131		nsp	00MOA47705020	ELECT. CAP.	470 UF M 50V RA-2
P124	C132		nsp	00MOA47705020	ELECT. CAP.	470 UF M 50V RA-2
P124	C133		nsp	00MOA47705020	ELECT. CAP.	470 UF M 50V RA-2
P124	C134		nsp	00MOA47705020	ELECT. CAP.	470 UF M 50V RA-2
P124	C135		nsp	00MOA47705020	ELECT. CAP.	470 UF M 50V RA-2
P124	C136		nsp	00MOA47705020	ELECT. CAP.	470 UF M 50V RA-2
P124	C137		nsp	00MOA47705020	ELECT. CAP.	470 UF M 50V RA-2
P124	C138		nsp	00MOA47705020	ELECT. CAP.	470 UF M 50V RA-2
P124	C139		nsp	00MOA47705020	ELECT. CAP.	470 UF M 50V RA-2
P124	C140		nsp	00MOA47705020	ELECT. CAP.	470 UF M 50V RA-2
P124	C141		nsp	00MOA47705020	ELECT. CAP.	470 UF M 50V RA-2
P124	C142		nsp	00MOA47705020	ELECT. CAP.	470 UF M 50V RA-2
P124	C143		nsp	00MOA47705020	ELECT. CAP.	470 UF M 50V RA-2
P124	C144		nsp	00MOA47705020	ELECT. CAP.	470 UF M 50V RA-2
P124	C145		nsp	00MOA47705020	ELECT. CAP.	470 UF M 50V RA-2
P124	C146		nsp	00MOA47705020	ELECT. CAP.	470 UF M 50V RA-2
P124	R146		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P124	R147		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
					2SC3419Y 1 PWB (00MWA12AJ103-)	
P134	Q111		00MHT334191Y0	00MHT334191Y0	TRS.	C3419 Y 40V 0.8A PC=1.2W (5W)

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
					2SC3419Y 2 PWB (00MWA12AJ104-)	
P144	Q211		00MHT334191Y0	00MHT334191Y0	TRS.	C3419 Y 40V 0.8A PC=1.2W (5W)
					2SC3419Y 3 PWB (00MWA12AJ105-)	
P154	Q311		00MHT334191Y0	00MHT334191Y0	TRS.	C3419 Y 40V 0.8A PC=1.2W (5W)
					2SC3419Y 4 PWB (00MWA12AJ106-)	
P164	Q411		00MHT334191Y0	00MHT334191Y0	TRS.	C3419 Y 40V 0.8A PC=1.2W (5W)
					POWER AMP2 PWB (00MWA12AJ201-)	
P214	C151		nsp	00MOA22602540	ELECT. CAP.	22 UF M 25V ARS-TYPE ELNA
P214	C152		00MOF15331540	00MOF15331540	FILM CAP.	APSV 331J,330PF(TP) 100V PP
P214	C153		nsp	00MOA10705020	ELECT. CAP.	100 UF M 50V RA-2
P214	C154		00MOF15332540	00MOF15332540	FILM CAP.	APSV 332J 3300PF(TF)100V PP
P214	C155		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
P214	C156		nsp	00MOA10710020	ELECT. CAP.	RA2-100V101MC-S1
P214	C157		nsp	00MOA10710020	ELECT. CAP.	RA2-100V101MC-S1
P214	C158		00MOF15103540	00MOF15103540	FILM CAP.	APSV 103J,0.01UF(TP) 100V PP
P214	C161		00MOF55100590	00MOF55100590	FILM CAP.	10PF 200V +- 5% FAS
P214	C162		00MOF55470590	00MOF55470590	FILM CAP.	47PF 200V +- 5% FAS
P214	C163		00MOF55470590	00MOF55470590	FILM CAP.	47PF 200V +- 5% FAS
P214	C198		nsp	00MOA10702520	ELECT. CAP.	100 UF M 25V RA-2
P214	C199		nsp	00MOA10702520	ELECT. CAP.	100 UF M 25V RA-2
P214	C251		nsp	00MOA22602540	ELECT. CAP.	22 UF M 25V ARS-TYPE ELNA
P214	C252		00MOF15331540	00MOF15331540	FILM CAP.	APSV 331J,330PF(TP) 100V PP
P214	C253		nsp	00MOA10705020	ELECT. CAP.	100 UF M 50V RA-2
P214	C254		00MOF15332540	00MOF15332540	FILM CAP.	APSV 332J 3300PF(TF)100V PP
P214	C255		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
P214	C256		nsp	00MOA10710020	ELECT. CAP.	RA2-100V101MC-S1
P214	C257		nsp	00MOA10710020	ELECT. CAP.	RA2-100V101MC-S1
P214	C258		00MOF15103540	00MOF15103540	FILM CAP.	APSV 103J,0.01UF(TP) 100V PP
P214	C261		00MOF55100590	00MOF55100590	FILM CAP.	10PF 200V +- 5% FAS
P214	C262		00MOF55470590	00MOF55470590	FILM CAP.	47PF 200V +- 5% FAS
P214	C263		00MOF55470590	00MOF55470590	FILM CAP.	47PF 200V +- 5% FAS
P214	C298		nsp	00MOA10702520	ELECT. CAP.	100 UF M 25V RA-2
P214	C299		nsp	00MOA10702520	ELECT. CAP.	100 UF M 25V RA-2
P214	C351		nsp	00MOA22602540	ELECT. CAP.	22 UF M 25V ARS-TYPE ELNA
P214	C352		00MOF15331540	00MOF15331540	FILM CAP.	APSV 331J,330PF(TP) 100V PP
P214	C353		nsp	00MOA10705020	ELECT. CAP.	100 UF M 50V RA-2
P214	C354		00MOF15332540	00MOF15332540	FILM CAP.	APSV 332J 3300PF(TF)100V PP
P214	C355		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
P214	C356		nsp	00MOA10710020	ELECT. CAP.	RA2-100V101MC-S1
P214	C357		nsp	00MOA10710020	ELECT. CAP.	RA2-100V101MC-S1
P214	C358		00MOF15103540	00MOF15103540	FILM CAP.	APSV 103J,0.01UF(TP) 100V PP
P214	C361		00MOF55100590	00MOF55100590	FILM CAP.	10PF 200V +- 5% FAS
P214	C362		00MOF55470590	00MOF55470590	FILM CAP.	47PF 200V +- 5% FAS
P214	C363		00MOF55470590	00MOF55470590	FILM CAP.	47PF 200V +- 5% FAS
P214	C398		nsp	00MOA10702520	ELECT. CAP.	100 UF M 25V RA-2
P214	C399		nsp	00MOA10702520	ELECT. CAP.	100 UF M 25V RA-2
P214	C805		nsp	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
P214	C810		nsp	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
P214	CN01		nsp	00MOA47601620	ELECT. CAP.	47 UF M 16V RA-2
P214	CN02		nsp	00MOA47601620	ELECT. CAP.	47 UF M 16V RA-2
P214	CN03		nsp	00MOA47505020	ELECT. CAP.	4.7 UF M 50V RA-2
P214	CN04		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
P214	CN07		nsp	00MOA10702520	ELECT. CAP.	100 UF M 25V RA-2
P214	CN08		nsp	00MOA10505020	ELECT. CAP.	1 UF M 50V RA-2
P214	CN19		nsp	00MOA10702520	ELECT. CAP.	100 UF M 25V RA-2
P214	CN20		nsp	00MOA10505020	ELECT. CAP.	1 UF M 50V RA-2
P214	CN21		nsp	00MOA10505020	ELECT. CAP.	1 UF M 50V RA-2
P214	CN22		nsp	00MDK18103310	CER. CAP.	0.01UF Z 50V
P214	CN23		nsp	00MOA10505020	ELECT. CAP.	1 UF M 50V RA-2
P214	CN24		nsp	00MOA10505020	ELECT. CAP.	1 UF M 50V RA-2
P214	CN27		nsp	00MOA10505020	ELECT. CAP.	1 UF M 50V RA-2
P214	CN28		nsp	00MOA10505020	ELECT. CAP.	1 UF M 50V RA-2
P214	CN29		nsp	00MDK18103310	CER. CAP.	0.01UF Z 50V
P214	CN32		00MDF15103350	00MDF15103350	FILM CAP.	0.01UF,J,M,50V
P214	D151		nsp	00MHD20002000	DIODE	1SS176,MA165,1SS254 30V 0.1A
P214	D152		nsp	00MHD20002000	DIODE	1SS176,MA165,1SS254 30V 0.1A
P214	D153		nsp	00MHD20002000	DIODE	1SS176,MA165,1SS254 30V 0.1A

NOTE "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS

P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
P214	D154		nsp	00MHD20002000	DIODE	1SS176,MA165,1SS254 30V 0.1A
P214	D155		00MHD30821000	00MHD30821000	ZENER DIODE	8.2V ZENER EQUIVALENT
P214	D156		00MHD30821000	00MHD30821000	ZENER DIODE	8.2V ZENER EQUIVALENT
P214	D157		nsp	00MHD20027010	DIODE	HSS81TD 150V 150MA AXIAL
P214	D159		00MHD30431000	00MHD30431000	ZENER DIODE	4.3V ZENER EQUIVALENT
P214	D161		00MHD31601000	00MHD31601000	ZENER DIODE	16V ZENER EQUIVALENT
P214	D162		00MHD31601000	00MHD31601000	ZENER DIODE	16V ZENER EQUIVALENT
P214	D251		nsp	00MHD20002000	DIODE	1SS176,MA165,1SS254 30V 0.1A
P214	D252		nsp	00MHD20002000	DIODE	1SS176,MA165,1SS254 30V 0.1A
P214	D253		nsp	00MHD20002000	DIODE	1SS176,MA165,1SS254 30V 0.1A
P214	D254		nsp	00MHD20002000	DIODE	1SS176,MA165,1SS254 30V 0.1A
P214	D255		00MHD30821000	00MHD30821000	ZENER DIODE	8.2V ZENER EQUIVALENT
P214	D256		00MHD30821000	00MHD30821000	ZENER DIODE	8.2V ZENER EQUIVALENT
P214	D257		nsp	00MHD20027010	DIODE	HSS81TD 150V 150MA AXIAL
P214	D259		00MHD30431000	00MHD30431000	ZENER DIODE	4.3V ZENER EQUIVALENT
P214	D261		00MHD31601000	00MHD31601000	ZENER DIODE	16V ZENER EQUIVALENT
P214	D262		00MHD31601000	00MHD31601000	ZENER DIODE	16V ZENER EQUIVALENT
P214	D351		nsp	00MHD20002000	DIODE	1SS176,MA165,1SS254 30V 0.1A
P214	D352		nsp	00MHD20002000	DIODE	1SS176,MA165,1SS254 30V 0.1A
P214	D353		nsp	00MHD20002000	DIODE	1SS176,MA165,1SS254 30V 0.1A
P214	D354		nsp	00MHD20002000	DIODE	1SS176,MA165,1SS254 30V 0.1A
P214	D355		00MHD30821000	00MHD30821000	ZENER DIODE	8.2V ZENER EQUIVALENT
P214	D356		00MHD30821000	00MHD30821000	ZENER DIODE	8.2V ZENER EQUIVALENT
P214	D357		nsp	00MHD20027010	DIODE	HSS81TD 150V 150MA AXIAL
P214	D359		00MHD30431000	00MHD30431000	ZENER DIODE	4.3V ZENER EQUIVALENT
P214	D361		00MHD31601000	00MHD31601000	ZENER DIODE	16V ZENER EQUIVALENT
P214	D362		00MHD31601000	00MHD31601000	ZENER DIODE	16V ZENER EQUIVALENT
P214	D810		nsp	00MHD20002710	DIODE	1D3 1A/200V
P214	D812		nsp	00MHD20002710	DIODE	1D3 1A/200V
P214	DN01		nsp	00MHD20002000	DIODE	1SS176,MA165,1SS254 30V 0.1A
P214	DN02		00MHD30331000	00MHD30331000	ZENER DIODE	MTZ J 3.3A ZENER DIODE
P214	DN05		nsp	00MHD20027010	DIODE	HSS81TD 150V 150MA AXIAL
P214	DN06		nsp	00MHD20027010	DIODE	HSS81TD 150V 150MA AXIAL
P214	DN07		nsp	00MHD20027010	DIODE	HSS81TD 150V 150MA AXIAL
P214	DN08		nsp	00MHD20027010	DIODE	HSS81TD 150V 150MA AXIAL
P214	DN09		nsp	00MHD20027010	DIODE	HSS81TD 150V 150MA AXIAL
P214	DN10		nsp	00MHD20027010	DIODE	HSS81TD 150V 150MA AXIAL
P214	DN11		nsp	00MHD20027010	DIODE	HSS81TD 150V 150MA AXIAL
P214	DN14		00MHD30821000	00MHD30821000	ZENER DIODE	8.2V ZENER EQUIVALENT
P214	DN15		00MHD30471000	00MHD30471000	ZENER DIODE	4.7V ZENER EQUIVALENT
P214	J182		00MYP07003820	00MYP07003820	PLUG	9202B-1-02-T
P214	J282		00MYP07003820	00MYP07003820	PLUG	9202B-1-02-T
P214	J382		00MYP07003820	00MYP07003820	PLUG	9202B-1-02-T
P214	▲ K151		00MHK136019C0	00MHK136019C0	TRS. KIT	! 2SA1360/2SC3423 O OR Y
P214	▲ Q164		nsp	nsp	TRS.	! 2SC3423 O OR Y PIAR WITH Q165
P214	▲ Q165		nsp	nsp	TRS.	! 2SA1360 O OR Y PIAR WITH Q164
P214	▲ K152		00MHK185919C0	00MHK185919C0	TRS. KIT	! 2SA1859/C4883 O OR Y
P214	▲ Q162		nsp	nsp	TRS.	! 2SC4883 O OR Y PIAR WITH Q163
P214	▲ Q163		nsp	nsp	TRS.	! 2SA1859 O OR Y PIAR WITH Q162
P214	▲ K153		00MHK121619F0	00MHK121619F0	TRS. KIT	! 2SA1216/2SC2922 PAIR FOR Q166/Q167
P214	▲ Q166		nsp	nsp	TRS.	! 2SC2922 17A 200W PIAR WITH Q167
P214	▲ Q167		nsp	nsp	TRS.	! 2SA1216 17A 200W PIAR WITH Q166
P214	▲ K251		00MHK136019C0	00MHK136019C0	TRS. KIT	! 2SA1360/2SC3423 O OR Y
P214	▲ Q264		nsp	nsp	TRS.	! 2SC3423 O OR Y PIAR WITH Q265
P214	▲ Q265		nsp	nsp	TRS.	! 2SA1360 O OR Y PIAR WITH Q264
P214	▲ K252		00MHK185919C0	00MHK185919C0	TRS. KIT	! 2SA1859/C4883 O OR Y
P214	▲ Q262		nsp	nsp	TRS.	! 2SC4883 O OR Y PIAR WITH Q263
P214	▲ Q263		nsp	nsp	TRS.	! 2SA1859 O OR Y PIAR WITH Q262
P214	▲ K253		00MHK121619F0	00MHK121619F0	TRS. KIT	! 2SA1216/2SC2922 PAIR FOR Q266/Q267
P214	▲ Q266		nsp	nsp	TRS.	! 2SC2922 17A 200W PIAR WITH Q267
P214	▲ Q267		nsp	nsp	TRS.	! 2SA1216 17A 200W PIAR WITH Q266
P214	▲ K351		00MHK136019C0	00MHK136019C0	TRS. KIT	! 2SA1360/2SC3423 O OR Y
P214	▲ Q364		nsp	nsp	TRS.	! 2SC3423 O OR Y PIAR WITH Q365
P214	▲ Q365		nsp	nsp	TRS.	! 2SA1360 O OR Y PIAR WITH Q364
P214	▲ K352		00MHK185919C0	00MHK185919C0	TRS. KIT	! 2SA1859/C4883 O OR Y
P214	▲ Q362		nsp	nsp	TRS.	! 2SC4883 O OR Y PIAR WITH Q363
P214	▲ Q363		nsp	nsp	TRS.	! 2SA1859 O OR Y PIAR WITH Q362

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
P214	⚠ K353		00MHK121619F0	00MHK121619F0	TRS. KIT	! 2SA1216/2SC2922 PAIR FOR Q366/Q367
P214	⚠ Q366		nsp	nsp	TRS.	! 2SC2922 17A 200W PIAR WITH Q367
P214	⚠ Q367		nsp	nsp	TRS.	! 2SA1216 17A 200W PIAR WITH Q366
P214	Q151		00MHC10053090	00MHC10053090	IC	NJM2068DD:MONO ANA
P214	Q153		00MHT600121A0	00MHT600121A0	TRS.	KTA1268 PNP TRANSISTOR RANK=GR
P214	Q154		00MHT800931A0	00MHT800931A0	TRS.	KTC3200 NPN TRANSISTOR RANK=GR
P214	Q155		00MHT800931A0	00MHT800931A0	TRS.	KTC3200 NPN TRANSISTOR RANK=GR
P214	Q156		00MHT600121A0	00MHT600121A0	TRS.	KTA1268 PNP TRANSISTOR RANK=GR
P214	Q157		00MHT600121A0	00MHT600121A0	TRS.	KTA1268 PNP TRANSISTOR RANK=GR
P214	Q158		00MHT800931A0	00MHT800931A0	TRS.	KTC3200 NPN TRANSISTOR RANK=GR
P214	Q159		00MHT600131B0	00MHT600131B0	TRS.	KTA1024 PNP TRANSISTOR RANK=Y
P214	Q160		00MHT800941B0	00MHT800941B0	TRS.	KTC3206 NPN TRANSISTOR RANK=Y
P214	Q168		00MHT800931A0	00MHT800931A0	TRS.	KTC3200 NPN TRANSISTOR RANK=GR
P214	Q251		00MHC10053090	00MHC10053090	IC	NJM2068DD:MONO ANA
P214	Q253		00MHT600121A0	00MHT600121A0	TRS.	KTA1268 PNP TRANSISTOR RANK=GR
P214	Q254		00MHT800931A0	00MHT800931A0	TRS.	KTC3200 NPN TRANSISTOR RANK=GR
P214	Q255		00MHT800931A0	00MHT800931A0	TRS.	KTC3200 NPN TRANSISTOR RANK=GR
P214	Q256		00MHT600121A0	00MHT600121A0	TRS.	KTA1268 PNP TRANSISTOR RANK=GR
P214	Q257		00MHT600121A0	00MHT600121A0	TRS.	KTA1268 PNP TRANSISTOR RANK=GR
P214	Q258		00MHT800931A0	00MHT800931A0	TRS.	KTC3200 NPN TRANSISTOR RANK=GR
P214	Q259		00MHT600131B0	00MHT600131B0	TRS.	KTA1024 PNP TRANSISTOR RANK=Y
P214	Q260		00MHT800941B0	00MHT800941B0	TRS.	KTC3206 NPN TRANSISTOR RANK=Y
P214	Q268		00MHT800931A0	00MHT800931A0	TRS.	KTC3200 NPN TRANSISTOR RANK=GR
P214	Q351		00MHC10053090	00MHC10053090	IC	NJM2068DD:MONO ANA
P214	Q353		00MHT600121A0	00MHT600121A0	TRS.	KTA1268 PNP TRANSISTOR RANK=GR
P214	Q354		00MHT800931A0	00MHT800931A0	TRS.	KTC3200 NPN TRANSISTOR RANK=GR
P214	Q355		00MHT800931A0	00MHT800931A0	TRS.	KTC3200 NPN TRANSISTOR RANK=GR
P214	Q356		00MHT600121A0	00MHT600121A0	TRS.	KTA1268 PNP TRANSISTOR RANK=GR
P214	Q357		00MHT600121A0	00MHT600121A0	TRS.	KTA1268 PNP TRANSISTOR RANK=GR
P214	Q358		00MHT800931A0	00MHT800931A0	TRS.	KTC3200 NPN TRANSISTOR RANK=GR
P214	Q359		00MHT600131B0	00MHT600131B0	TRS.	KTA1024 PNP TRANSISTOR RANK=Y
P214	Q360		00MHT800941B0	00MHT800941B0	TRS.	KTC3206 NPN TRANSISTOR RANK=Y
P214	Q368		00MHT800931A0	00MHT800931A0	TRS.	KTC3200 NPN TRANSISTOR RANK=GR
P214	⚠ Q801		00MHC10062360	00MHC10062360	IC	! LM1085IT-5.0#NOPB
P214	⚠ Q802		00MHC10062360	00MHC10062360	IC	! LM1085IT-5.0#NOPB
P214	QN01		00MHT800921B0	00MHT800921B0	TRS.	KTC3199 NPN TRANSISTOR RANK=Y
P214	QN02		00MHT800921B0	00MHT800921B0	TRS.	KTC3199 NPN TRANSISTOR RANK=Y
P214	QN03		00MHT800921B0	00MHT800921B0	TRS.	KTC3199 NPN TRANSISTOR RANK=Y
P214	QN04		00MHT600111B0	00MHT600111B0	TRS.	KTA1267 PNP TRANSISTOR RANK=Y
P214	QN05		00MHT800921B0	00MHT800921B0	TRS.	KTC3199 NPN TRANSISTOR RANK=Y
P214	QN06		00MBA20001000	00MBA20001000	TRS.	DTC114ES/UN4211 10K,10K
P214	QN09		00MHC10009090	00MHC10009090	IC	NJM2901 QUAD COMPARATOR
P214	QN10		00MHC10009090	00MHC10009090	IC	NJM2901 QUAD COMPARATOR
P214	QN13		00MHC10009090	00MHC10009090	IC	NJM2901 QUAD COMPARATOR
P214	⚠ QN14		00MHT334191Y0	00MHT334191Y0	TRS.	! C3419 Y 40V 0.8A PC=1.2W (5W)
P214	QN15		00MBA20001000	00MBA20001000	TRS.	DTC114ES/UN4211 10K,10K
P214	QN16		00MBA20001000	00MBA20001000	TRS.	DTC114ES/UN4211 10K,10K
P214	QN19		00MHT800921B0	00MHT800921B0	TRS.	KTC3199 NPN TRANSISTOR RANK=Y
P214	QN20		00MHT800921B0	00MHT800921B0	TRS.	KTC3199 NPN TRANSISTOR RANK=Y
P214	QN23		00MHT600121A0	00MHT600121A0	TRS.	KTA1268 PNP TRANSISTOR RANK=GR
P214	R154		nsp	00MGD05180160	RES.	18 OHM +- 5% 1/6W
P214	R155		nsp	00MGD05333160	RES.	33K OHM +- 5% 1/6W
P214	R156		00MNK05121020	00MNK05121020	METAL RES.	120 OHM +-5% 2W ERG2SJ121E
P214	R157		00MNK05121020	00MNK05121020	METAL RES.	120 OHM +-5% 2W ERG2SJ121E
P214	R158		00MNK05121020	00MNK05121020	METAL RES.	120 OHM +-5% 2W ERG2SJ121E
P214	R159		00MNK05151020	00MNK05151020	METAL RES.	150 OHM +-5% 2W ERG2SJ151E
P214	R160		nsp	00MGD05101160	RES.	100 OHM +- 5% 1/6W
P214	R161		nsp	00MGD05682160	RES.	6.8K OHM +- 5% 1/6W
P214	R162		nsp	00MGD05682160	RES.	6.8K OHM +- 5% 1/6W
P214	R165		nsp	00MGD05330160	RES.	33 OHM +- 5% 1/6W
P214	R166		nsp	00MGD05330160	RES.	33 OHM +- 5% 1/6W
P214	R167		00MNB51514240	00MNB51514240	RES.	LT 150 OHM 1/6W J 2400PPM
P214	R168		00MNB51514240	00MNB51514240	RES.	LT 150 OHM 1/6W J 2400PPM
P214	R169		nsp	00MGD05334160	RES.	330K OHM +- 5% 1/6W
P214	R170		nsp	00MGD05334160	RES.	330K OHM +- 5% 1/6W
P214	R171		nsp	00MGD05682160	RES.	6.8K OHM +- 5% 1/6W
P214	R172		nsp	00MGD05102160	RES.	1K OHM +- 5% 1/6W

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
P214	R173		00MRA01020760	00MRA01020760	TRIM. RES.	VARIABLE RESISTOR 1K VERTICAL
P214	R179		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P214	R180		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P214	R182		00MBW10000130	00MBW10000130	RES. COMPO.	RGC55T-0.1-OHM-KX2
P214	R183		nsp	00MGD05152160	RES.	1.5K OHM +- 5% 1/6W
P214	R185		nsp	00MGD05102160	RES.	1K OHM +- 5% 1/6W
P214	R186		nsp	00MGD05223160	RES.	22K OHM +- 5% 1/6W
P214	R189		nsp	00MGD05223160	RES.	22K OHM +- 5% 1/6W
P214	R192		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P214	R193		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P214	R194		00MNK05152020	00MNK05152020	METAL RES.	1.5K OHM +-5% 2W ERG2SJ152E
P214	R195		00MNK05152020	00MNK05152020	METAL RES.	1.5K OHM +-5% 2W ERG2SJ152E
P214	R199		nsp	00MGD05100160	RES.	10 OHM +- 5% 1/6W
P214	R1N1		nsp	00MGD05330160	RES.	33 OHM +- 5% 1/6W
P214	R1N2		nsp	00MGD05330160	RES.	33 OHM +- 5% 1/6W
P214	R1N5		nsp	00MGD05154160	RES.	150K OHM +- 5% 1/6W
P214	R1N6		nsp	00MGD05473160	RES.	47K OHM +- 5% 1/6W
P214	R254		nsp	00MGD05180160	RES.	18 OHM +- 5% 1/6W
P214	R255		nsp	00MGD05333160	RES.	33K OHM +- 5% 1/6W
P214	R256		00MNK05121020	00MNK05121020	METAL RES.	120 OHM +-5% 2W ERG2SJ121E
P214	R257		00MNK05121020	00MNK05121020	METAL RES.	120 OHM +-5% 2W ERG2SJ121E
P214	R258		00MNK05121020	00MNK05121020	METAL RES.	120 OHM +-5% 2W ERG2SJ121E
P214	R259		00MNK05151020	00MNK05151020	METAL RES.	150 OHM +-5% 2W ERG2SJ151E
P214	R260		nsp	00MGD05101160	RES.	100 OHM +- 5% 1/6W
P214	R261		nsp	00MGD05682160	RES.	6.8K OHM +- 5% 1/6W
P214	R262		nsp	00MGD05682160	RES.	6.8K OHM +- 5% 1/6W
P214	R265		nsp	00MGD05330160	RES.	33 OHM +- 5% 1/6W
P214	R266		nsp	00MGD05330160	RES.	33 OHM +- 5% 1/6W
P214	R267		00MNB51514240	00MNB51514240	RES.	LT 150 OHM 1/6W J 2400PPM
P214	R268		00MNB51514240	00MNB51514240	RES.	LT 150 OHM 1/6W J 2400PPM
P214	R269		nsp	00MGD05334160	RES.	330K OHM +- 5% 1/6W
P214	R270		nsp	00MGD05334160	RES.	330K OHM +- 5% 1/6W
P214	R271		nsp	00MGD05682160	RES.	6.8K OHM +- 5% 1/6W
P214	R272		nsp	00MGD05102160	RES.	1K OHM +- 5% 1/6W
P214	R273		00MRA01020760	00MRA01020760	TRIM. RES.	VARIABLE RESISTOR 1K VERTICAL
P214	R279		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P214	R280		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P214	R282		00MBW10000130	00MBW10000130	RES. COMPO.	RGC55T-0.1-OHM-KX2
P214	R283		nsp	00MGD05152160	RES.	1.5K OHM +- 5% 1/6W
P214	R285		nsp	00MGD05102160	RES.	1K OHM +- 5% 1/6W
P214	R286		nsp	00MGD05223160	RES.	22K OHM +- 5% 1/6W
P214	R289		nsp	00MGD05223160	RES.	22K OHM +- 5% 1/6W
P214	R292		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P214	R293		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P214	R294		00MNK05152020	00MNK05152020	METAL RES.	1.5K OHM +-5% 2W ERG2SJ152E
P214	R295		00MNK05152020	00MNK05152020	METAL RES.	1.5K OHM +-5% 2W ERG2SJ152E
P214	R299		nsp	00MGD05100160	RES.	10 OHM +- 5% 1/6W
P214	R2N1		nsp	00MGD05330160	RES.	33 OHM +- 5% 1/6W
P214	R2N2		nsp	00MGD05330160	RES.	33 OHM +- 5% 1/6W
P214	R2N5		nsp	00MGD05154160	RES.	150K OHM +- 5% 1/6W
P214	R2N6		nsp	00MGD05473160	RES.	47K OHM +- 5% 1/6W
P214	R354		nsp	00MGD05180160	RES.	18 OHM +- 5% 1/6W
P214	R355		nsp	00MGD05333160	RES.	33K OHM +- 5% 1/6W
P214	R356		00MNK05121020	00MNK05121020	METAL RES.	120 OHM +-5% 2W ERG2SJ121E
P214	R357		00MNK05121020	00MNK05121020	METAL RES.	120 OHM +-5% 2W ERG2SJ121E
P214	R358		00MNK05121020	00MNK05121020	METAL RES.	120 OHM +-5% 2W ERG2SJ121E
P214	R359		00MNK05151020	00MNK05151020	METAL RES.	150 OHM +-5% 2W ERG2SJ151E
P214	R360		nsp	00MGD05101160	RES.	100 OHM +- 5% 1/6W
P214	R361		nsp	00MGD05682160	RES.	6.8K OHM +- 5% 1/6W
P214	R362		nsp	00MGD05682160	RES.	6.8K OHM +- 5% 1/6W
P214	R365		nsp	00MGD05330160	RES.	33 OHM +- 5% 1/6W
P214	R366		nsp	00MGD05330160	RES.	33 OHM +- 5% 1/6W
P214	R367		00MNB51514240	00MNB51514240	RES.	LT 150 OHM 1/6W J 2400PPM
P214	R368		00MNB51514240	00MNB51514240	RES.	LT 150 OHM 1/6W J 2400PPM
P214	R369		nsp	00MGD05334160	RES.	330K OHM +- 5% 1/6W
P214	R370		nsp	00MGD05334160	RES.	330K OHM +- 5% 1/6W
P214	R371		nsp	00MGD05682160	RES.	6.8K OHM +- 5% 1/6W

NOTE "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS

P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
P214	R372		nsp	00MGD05102160	RES.	1K OHM +- 5% 1/6W
P214	R373		00MRA01020760	00MRA01020760	TRIM. RES.	VARIABLE RESISTOR 1K VERTICAL
P214	R379		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P214	R380		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P214	R382		00MBW10000130	00MBW10000130	RES. COMPO.	RGC55T-0.1-OHM-KX2
P214	R383		nsp	00MGD05152160	RES.	1.5K OHM +- 5% 1/6W
P214	R385		nsp	00MGD05102160	RES.	1K OHM +- 5% 1/6W
P214	R386		nsp	00MGD05223160	RES.	22K OHM +- 5% 1/6W
P214	R389		nsp	00MGD05223160	RES.	22K OHM +- 5% 1/6W
P214	R392		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P214	R393		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P214	R394		00MNK05152020	00MNK05152020	METAL RES.	1.5K OHM +-5% 2W ERG2SJ152E
P214	R395		00MNK05152020	00MNK05152020	METAL RES.	1.5K OHM +-5% 2W ERG2SJ152E
P214	R399		nsp	00MGD05100160	RES.	10 OHM +- 5% 1/6W
P214	R3N1		nsp	00MGD05330160	RES.	33 OHM +- 5% 1/6W
P214	R3N2		nsp	00MGD05330160	RES.	33 OHM +- 5% 1/6W
P214	R3N5		nsp	00MGD05154160	RES.	150K OHM +- 5% 1/6W
P214	R3N6		nsp	00MGD05473160	RES.	47K OHM +- 5% 1/6W
P214	RN01		nsp	00MGD05473160	RES.	47K OHM +- 5% 1/6W
P214	RN02		nsp	00MGD05223160	RES.	22K OHM +- 5% 1/6W
P214	RN03		nsp	00MGD05103160	RES.	10K OHM +- 5% 1/6W
P214	RN04		nsp	00MGD05473160	RES.	47K OHM +- 5% 1/6W
P214	RN05		nsp	00MGD05103160	RES.	10K OHM +- 5% 1/6W
P214	RN08		00MNK05152010	00MNK05152010	METAL RES.	1.5K OHM +-5% 1W ERG1SJ152E
P214	RN10		nsp	00MGD05223160	RES.	22K OHM +- 5% 1/6W
P214	RN11		nsp	00MGD05222160	RES.	2.2K OHM +- 5% 1/6W
P214	RN12		nsp	00MGD05103160	RES.	10K OHM +- 5% 1/6W
P214	RN13		nsp	00MGD05101160	RES.	100 OHM +- 5% 1/6W
P214	RN14		nsp	00MGD05103160	RES.	10K OHM +- 5% 1/6W
P214	RN15		nsp	00MGD05104160	RES.	100K OHM +- 5% 1/6W
P214	RN16		nsp	00MGD05470160	RES.	47 OHM +- 5% 1/6W
P214	RN17		nsp	00MGD05103160	RES.	10K OHM +- 5% 1/6W
P214	RN18		nsp	00MGD05470160	RES.	47 OHM +- 5% 1/6W
P214	RN19		nsp	00MGD05103160	RES.	10K OHM +- 5% 1/6W
P214	RN20		nsp	00MGD05470160	RES.	47 OHM +- 5% 1/6W
P214	RN21		nsp	00MGD05103160	RES.	10K OHM +- 5% 1/6W
P214	RN22		nsp	00MGD05470160	RES.	47 OHM +- 5% 1/6W
P214	RN23		nsp	00MGD05103160	RES.	10K OHM +- 5% 1/6W
P214	RN24		nsp	00MGD05470160	RES.	47 OHM +- 5% 1/6W
P214	RN25		nsp	00MGD05103160	RES.	10K OHM +- 5% 1/6W
P214	RN26		nsp	00MGD05470160	RES.	47 OHM +- 5% 1/6W
P214	RN27		nsp	00MGD05103160	RES.	10K OHM +- 5% 1/6W
P214	RN28		nsp	00MGD05470160	RES.	47 OHM +- 5% 1/6W
P214	RN29		nsp	00MGD05103160	RES.	10K OHM +- 5% 1/6W
P214	RN32		nsp	00MGD05472160	RES.	4.7K OHM +- 5% 1/6W
P214	RN33		nsp	00MGD05472160	RES.	4.7K OHM +- 5% 1/6W
P214	RN34		nsp	00MGD05471160	RES.	470 OHM +- 5% 1/6W
P214	RN35		nsp	00MGD05101160	RES.	100 OHM +- 5% 1/6W
P214	RN36		nsp	00MGD05104160	RES.	100K OHM +- 5% 1/6W
P214	RN37		nsp	00MGD05101160	RES.	100 OHM +- 5% 1/6W
P214	RN38		nsp	00MGD05104160	RES.	100K OHM +- 5% 1/6W
P214	RN39		nsp	00MGD05472160	RES.	4.7K OHM +- 5% 1/6W
P214	RN40		nsp	00MGD05682160	RES.	6.8K OHM +- 5% 1/6W
P214	RN41		nsp	00MGD05472160	RES.	4.7K OHM +- 5% 1/6W
P214	RN42		nsp	00MGD05101160	RES.	100 OHM +- 5% 1/6W
P214	RN43		nsp	00MGD05101160	RES.	100 OHM +- 5% 1/6W
P214	RN44		nsp	00MGD05103160	RES.	10K OHM +- 5% 1/6W
P214	RN46		nsp	00MGD05152160	RES.	1.5K OHM +- 5% 1/6W
P214	RN47		nsp	00MGD05103160	RES.	10K OHM +- 5% 1/6W
P214	RN50		nsp	00MGD05223160	RES.	22K OHM +- 5% 1/6W
P214	RN51		nsp	00MGD05103160	RES.	10K OHM +- 5% 1/6W
P214	RN52		nsp	00MGD05472160	RES.	4.7K OHM +- 5% 1/6W
P214	RN53		nsp	00MGD05223160	RES.	22K OHM +- 5% 1/6W
P214	RN54		nsp	00MGD05103160	RES.	10K OHM +- 5% 1/6W
P214	RN55		nsp	00MGD05472160	RES.	4.7K OHM +- 5% 1/6W
P214	RN58		nsp	00MGD05682160	RES.	6.8K OHM +- 5% 1/6W
P214	RN59		nsp	00MGD05223160	RES.	22K OHM +- 5% 1/6W

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
					2SC3419Y 5 PWB (00MWA12AJ202-)	
P224	Q161		00MHT334191Y0	00MHT334191Y0	TRS.	C3419 Y 40V 0.8A PC=1.2W (5W)
					2SC3419Y 6 PWB (00MWA12AJ203-)	
P234	Q261		00MHT334191Y0	00MHT334191Y0	TRS.	C3419 Y 40V 0.8A PC=1.2W (5W)
					2SC3419Y 7 PWB (00MWA12AJ204-)	
P244	Q361		00MHT334191Y0	00MHT334191Y0	TRS.	C3419 Y 40V 0.8A PC=1.2W (5W)
					POS PWB (00MWA12AJ205-)	
P254	RN67		00MHP00042230	00MHP00042230	VARISTOR	PTFM04BF222Q2N34B0 80DEG
P254	RN68		00MHP00042230	00MHP00042230	VARISTOR	PTFM04BF222Q2N34B0 80DEG
P254	RN69		00MHP00029230	00MHP00029230	VARISTOR	PTH487A01BD222TS 2.2KOHM
P254	RN70		00MHP00029230	00MHP00029230	VARISTOR	PTH487A01BD222TS 2.2KOHM
					SPEAKER1 PWB (00MWA12AJ301-)	
P314	C109		00MOF55393580	00MOF55393580	FILM CAP.	0.039UF 100V +- 5% FAS
P314	C119		00MOF15101540	00MOF15101540	FILM CAP.	100PF J 100V APSV
P314	C140		00MOF15101540	00MOF15101540	FILM CAP.	100PF J 100V APSV
P314	C209		00MOF55393580	00MOF55393580	FILM CAP.	0.039UF 100V +- 5% FAS
P314	C219		00MOF15101540	00MOF15101540	FILM CAP.	100PF J 100V APSV
P314	C240		00MOF15101540	00MOF15101540	FILM CAP.	100PF J 100V APSV
P314	C309		00MOF55393580	00MOF55393580	FILM CAP.	0.039UF 100V +- 5% FAS
P314	C319		00MOF15101540	00MOF15101540	FILM CAP.	100PF J 100V APSV
P314	C409		00MOF55393580	00MOF55393580	FILM CAP.	0.039UF 100V +- 5% FAS
P314	C419		00MOF15101540	00MOF15101540	FILM CAP.	100PF J 100V APSV
P314	C853		00MOB50907110	00MOB50907110	ELECT. CAP.	ELE CAP 50000UF/71V M
P314	C854		00MOB50907110	00MOB50907110	ELECT. CAP.	ELE CAP 50000UF/71V M
P314	C855		nsp	00MOA47605020	ELECT. CAP.	47 UF M 50V RA-2
P314	C856		nsp	00MOA47605020	ELECT. CAP.	47 UF M 50V RA-2
P314	C857		nsp	00MOA10805020	ELECT. CAP.	ELNA RA2 16X25
P314	C860		nsp	00MOA10702520	ELECT. CAP.	100 UF M 25V RA-2
P314	C867		00MDF15104350	00MDF15104350	FILM CAP.	0.1UF,J,N,50V
P314	⚠ D831		00MHE20030290	00MHE20030290	DIODE	! D30XBN20 SBD BRIDGE
P314	⚠ D832		00MHD20045290	00MHD20045290	DIODE	! D1NJ10 100V 1A SBD
P314	⚠ D833		00MHD20045290	00MHD20045290	DIODE	! D1NJ10 100V 1A SBD
P314	⚠ D834		00MHD20045290	00MHD20045290	DIODE	! D1NJ10 100V 1A SBD
P314	⚠ D835		00MHD20045290	00MHD20045290	DIODE	! D1NJ10 100V 1A SBD
P314	⚠ D836		00MHD20002710	00MHD20002710	DIODE	! 1D3 1A/200V
P314	⚠ D837		00MHD20002710	00MHD20002710	DIODE	! 1D3 1A/200V
P314	D843		nsp	00MHD20002000	DIODE	1SS176,MA165,1SS254 30V 0.1A
P314	D851		nsp	00MHD20002710	DIODE	1D3 1A/200V
P314	D852		nsp	00MHD20002710	DIODE	1D3 1A/200V
P314	DN21		nsp	00MHD20002710	DIODE	1D3 1A/200V
P314	DN22		nsp	00MHD20002710	DIODE	1D3 1A/200V
P314	DN31		nsp	00MHD20002710	DIODE	1D3 1A/200V
P314	DPA1		nsp	00MHD20002710	DIODE	1D3 1A/200V
P314	G801		00MBF47400020	00MBF47400020	CAP.COMP.	0.47UF+6.8OHM RFD2B474K
P314	J841		00MYT01060030	00MYT01060030	TERMINAL	SCREW TERMINAL YKD31-0570 6P
P314	J842		00MYT01060030	00MYT01060030	TERMINAL	SCREW TERMINAL YKD31-0570 6P
P314	L811		00MLY10240300	00MLY10240300	RELAY	VSB24STB 16A 1T
P314	L812		00MLY10240300	00MLY10240300	RELAY	VSB24STB 16A 1T
P314	LN11		00MLY20240310	00MLY20240310	RELAY	VB 24MBU-510 5A/240VAC
P314	LN12		00MLY20240310	00MLY20240310	RELAY	VB 24MBU-510 5A/240VAC
P314	LN21		00MLY20240310	00MLY20240310	RELAY	VB 24MBU-510 5A/240VAC
P314	LPA1		00MLY20240510	00MLY20240510	RELAY	OSA-SS-224DM3 FOR SPKOUT 2M
P314	⚠ Q821		00MHC38918990	00MHC38918990	IC	! KIA7818API/P
P314	Q831		00MHT800921B0	00MHT800921B0	TRS.	KTC3199 NPN TRANSISTOR RANK=Y
P314	Q832		00MHT800921B0	00MHT800921B0	TRS.	KTC3199 NPN TRANSISTOR RANK=Y
P314	Q833		00MHT600111B0	00MHT600111B0	TRS.	KTA1267 PNP TRANSISTOR RANK=Y
P314	Q834		00MBA20001000	00MBA20001000	TRS.	DTC114ES/UN4211 10K,10K
P314	Q835		00MHT800921B0	00MHT800921B0	TRS.	KTC3199 NPN TRANSISTOR RANK=Y
P314	Q841		00MHT800921B0	00MHT800921B0	TRS.	KTC3199 NPN TRANSISTOR RANK=Y
P314	QN31		00MHT800921B0	00MHT800921B0	TRS.	KTC3199 NPN TRANSISTOR RANK=Y
P314	QN32		00MHT800921B0	00MHT800921B0	TRS.	KTC3199 NPN TRANSISTOR RANK=Y
P314	QN33		00MHT800921B0	00MHT800921B0	TRS.	KTC3199 NPN TRANSISTOR RANK=Y
P314	QN35		00MHT600111B0	00MHT600111B0	TRS.	KTA1267 PNP TRANSISTOR RANK=Y
P314	QN41		00MHT800921B0	00MHT800921B0	TRS.	KTC3199 NPN TRANSISTOR RANK=Y
P314	R138		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P314	R140		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P314	R238		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
P314	R240		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P314	R338		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P314	R340		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P314	R438		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P314	R440		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P314	R831		nsp	00MGD05153160	RES.	15K OHM +- 5% 1/6W
P314	R832		nsp	00MGD05153160	RES.	15K OHM +- 5% 1/6W
P314	R833		nsp	00MGD05153160	RES.	15K OHM +- 5% 1/6W
P314	R834		nsp	00MGD05153160	RES.	15K OHM +- 5% 1/6W
P314	R835		nsp	00MGD05103160	RES.	10K OHM +- 5% 1/6W
P314	R836		nsp	00MGD05333160	RES.	33K OHM +- 5% 1/6W
P314	R837		nsp	00MGD05104160	RES.	100K OHM +- 5% 1/6W
P314	R841		nsp	00MGD05223160	RES.	22K OHM +- 5% 1/6W
P314	R842		nsp	00MGD05223160	RES.	22K OHM +- 5% 1/6W
P314	R843		nsp	00MGD05103160	RES.	10K OHM +- 5% 1/6W
P314	R844		nsp	00MGD05472160	RES.	4.7K OHM +- 5% 1/6W
P314	R845		nsp	00MGD05224160	RES.	220K OHM +- 5% 1/6W
P314	R846		nsp	00MGD05223160	RES.	22K OHM +- 5% 1/6W
P314	R851		nsp	00MGD05332160	RES.	3.3K OHM +- 5% 1/6W
P314	R852		nsp	00MGD05103160	RES.	10K OHM +- 5% 1/6W
P314	R855		00MNK05471010	00MNK05471010	METAL RES.	470 OHM +-5% 1W ERG1SJ471E
P314	R856		00MNK05471010	00MNK05471010	METAL RES.	470 OHM +-5% 1W ERG1SJ471E
P314	RN75		nsp	00MGD05332160	RES.	3.3K OHM +- 5% 1/6W
P314	RN76		nsp	00MGD05103160	RES.	10K OHM +- 5% 1/6W
P314	RN77		nsp	00MGD05332160	RES.	3.3K OHM +- 5% 1/6W
P314	RN78		nsp	00MGD05103160	RES.	10K OHM +- 5% 1/6W
P314	RN79		nsp	00MGD05332160	RES.	3.3K OHM +- 5% 1/6W
P314	RN80		nsp	00MGD05103160	RES.	10K OHM +- 5% 1/6W
P314	RN88		nsp	00MGD05333160	RES.	33K OHM +- 5% 1/6W
P314	RN89		nsp	00MGD05223160	RES.	22K OHM +- 5% 1/6W
P314	RN91		00MNK05331010	00MNK05331010	METAL RES.	330 OHM +-5% 1W ERG1SJ-E
P314	RN92		00MNK05331010	00MNK05331010	METAL RES.	330 OHM +-5% 1W ERG1SJ-E
P314	RN97		nsp	00MGD05332160	RES.	3.3K OHM +- 5% 1/6W
P314	RN98		nsp	00MGD05103160	RES.	10K OHM +- 5% 1/6W
P314	RN99		00MNK05331010	00MNK05331010	METAL RES.	330 OHM +-5% 1W ERG1SJ-E
P314	RPA1		00MNK05471010	00MNK05471010	METAL RES.	470 OHM +-5% 1W ERG1SJ471E
P314	RPA2		00MNK05331010	00MNK05331010	METAL RES.	330 OHM +-5% 1W ERG1SJ-E
P314	RPA3		00MNK05331010	00MNK05331010	METAL RES.	330 OHM +-5% 1W ERG1SJ-E
					SPEAKER2 PWB (00MWA12AJ302-)	
P324	C159		00MOF55393580	00MOF55393580	FILM CAP.	0.039UF 100V +- 5% FAS
P324	C169		00MOF15101540	00MOF15101540	FILM CAP.	100PF J 100V APSV
P324	C259		00MOF55393580	00MOF55393580	FILM CAP.	0.039UF 100V +- 5% FAS
P324	C269		00MOF15101540	00MOF15101540	FILM CAP.	100PF J 100V APSV
P324	C359		00MOF55393580	00MOF55393580	FILM CAP.	0.039UF 100V +- 5% FAS
P324	C369		00MOF15101540	00MOF15101540	FILM CAP.	100PF J 100V APSV
P324	DN23		nsp	00MHD20002710	DIODE	1D3 1A/200V
P324	DN24		nsp	00MHD20002710	DIODE	1D3 1A/200V
P324	J843		00MYT01060030	00MYT01060030	TERMINAL	SCREW TERMINAL YKD31-0570 6P
P324	LN13		00MLY20240310	00MLY20240310	RELAY	VB 24MBU-510 5A/240VAC
P324	LN14		00MLY20240310	00MLY20240310	RELAY	VB 24MBU-510 5A/240VAC
P324	QN34		00MHT800921B0	00MHT800921B0	TRS.	KTC3199 NPN TRANSISTOR RANK=Y
P324	R188		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P324	R190		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P324	R288		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P324	R290		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P324	R388		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P324	R390		00MNK05100010	00MNK05100010	METAL RES.	10 OHM +-5% 1W ERG1SJ-E
P324	RN81		nsp	00MGD05332160	RES.	3.3K OHM +- 5% 1/6W
P324	RN82		nsp	00MGD05103160	RES.	10K OHM +- 5% 1/6W
P324	RN93		00MNK05331010	00MNK05331010	METAL RES.	330 OHM +-5% 1W ERG1SJ-E
P324	RN94		00MNK05331010	00MNK05331010	METAL RES.	330 OHM +-5% 1W ERG1SJ-E
					PRIMARY PWB (00MWA12AJ303-)	
P334	▲ CB01		00MDF77103500	00MDF77103500	FILM CAP.	! 0.01UF M 250V AC
P334	▲ CB02		00MDF77103500	00MDF77103500	FILM CAP.	! 0.01UF M 250V AC
P334	DB01		nsp	00MHD20002710	DIODE	1D3 1A/200V
P334	DB02		nsp	00MHD20002710	DIODE	1D3 1A/200V
P334	▲ FB01	/F N	nsp	00MFS11200440	FUSE	# 12A 250V UL,CSA,MITI NO.314

NOTE "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS

P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
P334	▲ FB01	/N1B	00MFS10630850	00MFS10630850	FUSE	# 6.3 A 250V BS LISTED
P334	▲ FB01	/N1G	00MFS10630850	00MFS10630850	FUSE	# 6.3 A 250V BS LISTED
P334	▲ FB01	/N1S	00MFS10630850	00MFS10630850	FUSE	# 6.3 A 250V BS LISTED
P334	▲ FB01	/U1B	nsp	00MFS11200440	FUSE	# 12A 250V UL,CSA,MITI NO.314
P334	▲ FB01	/U1G	nsp	00MFS11200440	FUSE	# 12A 250V UL,CSA,MITI NO.314
P334	▲ FB02	/F N	nsp	00MFS20315200	FUSE	# FUSE 3.15A 250V SEMKO VDE
P334	▲ FB02	/N1B	00MFS20250200	00MFS20250200	FUSE	# T2.5A/250V TR5 NO.19372 (T
P334	▲ FB02	/N1G	00MFS20250200	00MFS20250200	FUSE	# T2.5A/250V TR5 NO.19372 (T
P334	▲ FB02	/N1S	00MFS20250200	00MFS20250200	FUSE	# T2.5A/250V TR5 NO.19372 (T
P334	▲ FB02	/U1B	nsp	00MFS20315200	FUSE	# FUSE 3.15A 250V SEMKO VDE
P334	▲ FB02	/U1G	nsp	00MFS20315200	FUSE	# FUSE 3.15A 250V SEMKO VDE
P334	▲ JB05	/N1B	00MYJ04001640	00MYJ04001640	JACK	! AC SOCKET YKE31-0090 SEMKO
P334	▲ JB05	/N1G	00MYJ04001640	00MYJ04001640	JACK	! AC SOCKET YKE31-0090 SEMKO
P334	▲ JB05	/N1S	00MYJ04001640	00MYJ04001640	JACK	! AC SOCKET YKE31-0090 SEMKO
P334	▲ JB06	/F N	nsp	00MYJ04002040	JACK	! 2P AC OUTLET (CCT1304-0212)
P334	▲ JB06	/U1B	nsp	00MYJ04002040	JACK	! 2P AC OUTLET (CCT1304-0212)
P334	▲ JB06	/U1G	nsp	00MYJ04002040	JACK	! 2P AC OUTLET (CCT1304-0212)
P334	▲ LB01		00MLY10050140	00MLY10050140	RELAY	! VS-5MB-NR-SM2
P334	▲ LB02		00MLY10050130	00MLY10050130	RELAY	! SDT-S-105LMR
P334	QB01		00MHT600141B0	00MHT600141B0	TRS.	KTA1271 PNP TRANSISTOR RANK=Y
P334	QB02		00MHT600141B0	00MHT600141B0	TRS.	KTA1271 PNP TRANSISTOR RANK=Y
P334	QB03		00MBA20001000	00MBA20001000	TRS.	DTC114ES/UN4211 10K,10K
P334	QB04		00MBA20001000	00MBA20001000	TRS.	DTC114ES/UN4211 10K,10K
P334	RB01		nsp	00MGD05473160	RES.	47K OHM +- 5% 1/6W
P334	RB02		nsp	00MGD05152160	RES.	1.5K OHM +- 5% 1/6W
P334	RB03		nsp	00MGD05473160	RES.	47K OHM +- 5% 1/6W
P334	RB04		nsp	00MGD05152160	RES.	1.5K OHM +- 5% 1/6W
P334	▲ RB05		00MNQ15022070	00MNQ15022070	ROTOR RES.	! 2.2 OHM 7W W/TEMP.FUSE
P334	▲ RB06		00MNQ15022070	00MNQ15022070	ROTOR RES.	! 2.2 OHM 7W W/TEMP.FUSE
					CS DSP PWB (00MWI12AJ901-)	
P514	C501		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
P514	C502		00MEY22505020	00MEY22505020	ELECT CAP.	2.2UF/ 50V
P514	C503		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
P514	C504		nsp	00MDK96102300	CER. CAP.	1000 PF +- 10 % B 50V GR36
P514	C505		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	C506		00MEY10601620	00MEY10601620	ELECT CAP.	10UF/ 16V
P514	C507		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	C508		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	C509		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	C510		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	C511		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	C512		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	C513		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	C514		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	C515		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	C516		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	C517		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	C518		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	C519		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	C520		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	C521		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	C522		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	C523		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	C524		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	C525		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	C526		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	C527		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	C528		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	C529		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	C530		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	C531		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	C532		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	C533		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	C534		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	C535		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	C536		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	C537		00MEY10700620	00MEY10700620	ELECT CAP.	100UF/6.3V

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
P514	C538		00MEY10700620	00MEY10700620	ELECT CAP.	100UF/6.3V
P514	C539		00MEY10700620	00MEY10700620	ELECT CAP.	100UF/6.3V
P514	C540		00MEY10700620	00MEY10700620	ELECT CAP.	100UF/6.3V
P514	C541		00MEY10700620	00MEY10700620	ELECT CAP.	100UF/6.3V
P514	C542		00MEY10700620	00MEY10700620	ELECT CAP.	100UF/6.3V
P514	C543		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	C544		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	C545		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	C546		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	C547		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	C548		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	C549		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	C550		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	C551		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	C552		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	C553		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	C554		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	C555		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	C556		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	C557		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	C558		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	C559		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	C560		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	C561		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CA01		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P514	CA02		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P514	CA03		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P514	CA04		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P514	CA05		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CA06		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CA07		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CA08		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CA09		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CA10		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CA11		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CA12		nsp	00MDD95680300	CER. CAP.	68PF (GR39)
P514	CA13		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CA14		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CA15		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CA16		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CA17		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CA18		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CA19		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CA20		nsp	00MDD95471300	CER. CAP.	GRM39CH471J50PT
P514	CA21		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CA22		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P514	CA23		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CA24		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CA31		00MEY10601620	00MEY10601620	ELECT CAP.	10UF/ 16V
P514	CA32		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P514	CA33		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P514	CA34		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P514	CA35		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P514	CA36		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P514	CA37		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P514	CK01		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CK02		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CK03		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CK04		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CK05		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CK06		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CK07		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CK08		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CK09		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CK10		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CK11		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CK12		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
P514	CK13		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CK14		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CK15		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CK16		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CK17		nsp	00MDD95151300	CER. CAP.	150 PF +- 5 % CG 50V GR39
P514	CK18		nsp	00MDD95151300	CER. CAP.	150 PF +- 5 % CG 50V GR39
P514	CK19		nsp	00MDD95151300	CER. CAP.	150 PF +- 5 % CG 50V GR39
P514	CK20		nsp	00MDD95151300	CER. CAP.	150 PF +- 5 % CG 50V GR39
P514	CK21		nsp	00MDD95151300	CER. CAP.	150 PF +- 5 % CG 50V GR39
P514	CK22		nsp	00MDD95151300	CER. CAP.	150 PF +- 5 % CG 50V GR39
P514	CK23		nsp	00MDD95151300	CER. CAP.	150 PF +- 5 % CG 50V GR39
P514	CK24		nsp	00MDD95151300	CER. CAP.	150 PF +- 5 % CG 50V GR39
P514	CK25		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK26		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK27		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK28		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK29		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK30		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK31		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK32		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK33		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK34		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK35		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK36		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK37		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK38		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK39		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK40		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK41		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK42		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK43		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK44		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK45		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK46		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK47		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK48		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK49		nsp	00MDK96272300	CER. CAP.	2700PF +- 10% B 50V
P514	CK50		nsp	00MDK96272300	CER. CAP.	2700PF +- 10% B 50V
P514	CK51		nsp	00MDK96272300	CER. CAP.	2700PF +- 10% B 50V
P514	CK52		nsp	00MDK96272300	CER. CAP.	2700PF +- 10% B 50V
P514	CK53		nsp	00MDK96272300	CER. CAP.	2700PF +- 10% B 50V
P514	CK54		nsp	00MDK96272300	CER. CAP.	2700PF +- 10% B 50V
P514	CK55		nsp	00MDK96272300	CER. CAP.	2700PF +- 10% B 50V
P514	CK56		nsp	00MDK96272300	CER. CAP.	2700PF +- 10% B 50V
P514	CK57		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CK58		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CK59		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CK60		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CK61		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK62		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK63		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK64		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK65		00MEY10601620	00MEY10601620	ELECT CAP.	10UF/ 16V
P514	CK66		00MEY10601620	00MEY10601620	ELECT CAP.	10UF/ 16V
P514	CK67		00MEY10601620	00MEY10601620	ELECT CAP.	10UF/ 16V
P514	CK68		00MEY10601620	00MEY10601620	ELECT CAP.	10UF/ 16V
P514	CK69		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK70		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK71		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK72		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK73		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CK74		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CK75		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CK76		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CK77		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK78		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK79		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
P514	CK80		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK81		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK82		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK83		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK84		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK85		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK86		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK87		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK88		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CK89		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CK90		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CK91		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CK92		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CK93		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CK94		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CK95		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CK96		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CK97		nsp	00MDK96221300	CER. CAP.	220PF (GR39)
P514	CK98		nsp	00MDK96221300	CER. CAP.	220PF (GR39)
P514	CK99		nsp	00MDK96221300	CER. CAP.	220PF (GR39)
P514	CR01		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CR02		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CR03		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CR04		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CR05		nsp	00MDK98223300	CER. CAP.	0.022UF
P514	CR06		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CR07		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CR08		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CR09		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CR10		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CR11		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CR12		nsp	00MDD95220300	CER. CAP.	22 PF +- 5 % CG 50V GR39
P514	CR13		nsp	00MDD95220300	CER. CAP.	22 PF +- 5 % CG 50V GR39
P514	CR14		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CR15		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
P514	CR16		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CR17		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P514	CR18		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CR91		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
P514	CR92		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
P514	CR93		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
P514	CR94		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
P514	CR95		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
P514	CR96		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
P514	CR97		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
P514	CR98		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
P514	CR99		nsp	00MDK96221300	CER. CAP.	220PF (GR39)
P514	CU01		00MEY47600620	00MEY47600620	ELECT CAP.	47UF/6.3V
P514	CU02		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CU03		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CU04		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CU05		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CU06		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CU07		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CU08		00MEY47600620	00MEY47600620	ELECT CAP.	47UF/6.3V
P514	CU09		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CU10		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CU11		nsp	00MDK96474200	CER. CAP.	0.47UF/10V B(BJ) +-10%
P514	CU12		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CU13		nsp	00MDD95220300	CER. CAP.	22 PF +- 5 % CG 50V GR39
P514	CU14		nsp	00MDD95220300	CER. CAP.	22 PF +- 5 % CG 50V GR39
P514	CU15		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P514	CU16		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
P514	CU51		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P514	CU52		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P514	CU53		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P514	CU54		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K

NOTE "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS

P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
P514	CU65		nsp	00MDK96102300	CER. CAP.	1000 PF +- 10 % B 50V GR36
P514	DA01		00MHZ21006000	00MHZ21006000	CHIP DIODE	1SS300,DAP202U UMT TYPE
P514	DA02		00MHZ21006000	00MHZ21006000	CHIP DIODE	1SS300,DAP202U UMT TYPE
P514	DA03		00MHZ21005000	00MHZ21005000	CHIP DIODE	1SS301,DAN202U UMT TYPE
P514	DA04		00MHZ21005000	00MHZ21005000	CHIP DIODE	1SS301,DAN202U UMT TYPE
P514	DU51		00MHZ21005000	00MHZ21005000	CHIP DIODE	1SS301,DAN202U UMT TYPE
P514	DU52		00MHZ21005000	00MHZ21005000	CHIP DIODE	1SS301,DAN202U UMT TYPE
P514	J503		00MYJ07061390	00MYJ07061390	JACK	IMSA-9852S-22Y902
P514	JA01		00MYT02041380	00MYT02041380	TERMINAL	YKC21-4766N 1L4P FG AU
P514	JA02		00MYJ15000270	00MYJ15000270	OPT. CONN.	TORXL141(F)
P514	JA03		00MYJ15000270	00MYJ15000270	OPT. CONN.	TORXL141(F)
P514	JA04		00MYJ15000270	00MYJ15000270	OPT. CONN.	TORXL141(F)
P514	JA05		00MYJ15000270	00MYJ15000270	OPT. CONN.	TORXL141(F)
P514	JA08		00MYT02011750	00MYT02011750	TERMINAL	YKC21-3479N 1L1P FG AU
P514	JA09		00MYJ15000220	00MYJ15000220	OPT. CONN.	TOTX179L TOSLINK TRANSCEIVER
P514	JA53		00MYP07005640	00MYP07005640	PLUG	IMSA-9851B-14Y902
P514	JA54		00MYP07005650	00MYP07005650	PLUG	IMSA-9851B-22Y905
P514	L501		00MFC90020120	00MFC90020120	FERRITE CORE	BK1608HM102-T FERRIT BEADS
P514	L502		00MFM31474010	00MFM31474010	EMI FILTER	NFM2012P13C474R
P514	L503		00MFM31474010	00MFM31474010	EMI FILTER	NFM2012P13C474R
P514	L504		00MFM31474010	00MFM31474010	EMI FILTER	NFM2012P13C474R
P514	L505		00MFM31474010	00MFM31474010	EMI FILTER	NFM2012P13C474R
P514	L506		00MFM31474010	00MFM31474010	EMI FILTER	NFM2012P13C474R
P514	L507		00MFM31474010	00MFM31474010	EMI FILTER	NFM2012P13C474R
P514	L508		00MFM31474010	00MFM31474010	EMI FILTER	NFM2012P13C474R
P514	LA02		00MFC90020120	00MFC90020120	FERRITE CORE	BK1608HM102-T FERRIT BEADS
P514	LA31		00MLU15103010	00MLU15103010	CHIP INDUCTANCE	NL252018 10UH
P514	Q501		00MHC10022880	00MHC10022880	IC	CS495202-CQZ
P514	Q502		80M11AJ900101	80M11AJ900101	U-PRO	M29W800DT70N1 CS DSP FLASH
P514	Q503		00MHC12250990	00MHC12250990	IC	W986416DH-7 -> W9864G6EH-7 (PBFREE)
P514	Q504		00MHC005805K0	00MHC005805K0	IC	TC74VHC157FT
P514	Q505		00MHC011905K0	00MHC011905K0	IC	TC74VHC153FT(EL,K)
P514	Q506		00MHC011905K0	00MHC011905K0	IC	TC74VHC153FT(EL,K)
P514	Q507		00MHC011905K0	00MHC011905K0	IC	TC74VHC153FT(EL,K)
P514	Q508		00MHC011905K0	00MHC011905K0	IC	TC74VHC153FT(EL,K)
P514	Q509		00MHC98818990	00MHC98818990	IC	NCP1117STAT3 1.25-18.8V ADJ REG.800MA
P514	Q510		00MHC98818990	00MHC98818990	IC	NCP1117STAT3 1.25-18.8V ADJ REG.800MA
P514	Q512		00MHY22010050	00MHY22010050	CHIP FET	HN1K05FU 2SK2824 X 2
P514	QA01		00MHC009205K0	00MHC009205K0	IC	TC74VHCU04FT
P514	QA02		00MHC009205K0	00MHC009205K0	IC	TC74VHCU04FT
P514	QA03		00MHC007505K0	00MHC007505K0	IC	TC74VHCT08AFT EL X4 2INPUT AND
P514	QA04		00MHC715100Z0	00MHC715100Z0	IC	TC74HC151AF
P514	QA31		00MHC009405K0	00MHC009405K0	IC	TC74VHC125FT
P514	QA32		00MHC011005K0	00MHC011005K0	IC	TC74LCX541FT(EL,K)
P514	QA33		00MHC011005K0	00MHC011005K0	IC	TC74LCX541FT(EL,K)
P514	QA34		00MHC011005K0	00MHC011005K0	IC	TC74LCX541FT(EL,K)
P514	QA35		00MHC011005K0	00MHC011005K0	IC	TC74LCX541FT(EL,K)
P514	QA36		00MHC011005K0	00MHC011005K0	IC	TC74LCX541FT(EL,K)
P514	QK01		00MHC10172090	00MHC10172090	IC	NJM2115M TE1
P514	QK02		00MHC10172090	00MHC10172090	IC	NJM2115M TE1
P514	QK03		00MHC10172090	00MHC10172090	IC	NJM2115M TE1
P514	QK04		00MHC10172090	00MHC10172090	IC	NJM2115M TE1
P514	QK05		00MHC10172090	00MHC10172090	IC	NJM2115M TE1
P514	QK06		00MHC10172090	00MHC10172090	IC	NJM2115M TE1
P514	QK07		00MHC10172090	00MHC10172090	IC	NJM2115M TE1
P514	QK08		00MHC10172090	00MHC10172090	IC	NJM2115M TE1
P514	QK09		00MHC10023880	00MHC10023880	IC	CS5361-KSZ 2CH ADC 192KHZ 114DB
P514	QK10		00MHC10023880	00MHC10023880	IC	CS5361-KSZ 2CH ADC 192KHZ 114DB
P514	QK11		00MHC10023880	00MHC10023880	IC	CS5361-KSZ 2CH ADC 192KHZ 114DB
P514	QK12		00MHC10023880	00MHC10023880	IC	CS5361-KSZ 2CH ADC 192KHZ 114DB
P514	QK14		00MHX342132A0	00MHX342132A0	CHIP TRS.	2SC4213
P514	QK15		00MHX342132A0	00MHX342132A0	CHIP TRS.	2SC4213
P514	QK16		00MHX342132A0	00MHX342132A0	CHIP TRS.	2SC4213
P514	QK17		00MHX342132A0	00MHX342132A0	CHIP TRS.	2SC4213
P514	QK18		00MHX342132A0	00MHX342132A0	CHIP TRS.	2SC4213
P514	QK19		00MHX342132A0	00MHX342132A0	CHIP TRS.	2SC4213
P514	QK20		00MHX342132A0	00MHX342132A0	CHIP TRS.	2SC4213

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
P514	QK21		00MHX342132A0	00MHX342132A0	CHIP TRS.	2SC4213
P514	QK22		00MBA10013050	00MBA10013050	TRS.	RN2303(PNPX1(22K+22K))
P514	QR01		00MHC10418030	00MHC10418030	IC	LC89057W-VF4-E DAIO
P514	QR03		00MHC008205K0	00MHC008205K0	IC	TC74VHC08FT
P514	QU01		80M11AJ900201	80M11AJ900201	U-PRO	HD64F2505FC26DV SUB CPU
P514	QU02		00MHX115881A0	00MHX115881A0	CHIP TRS.	2SA1588 (Y)
P514	QU03		00MBA21303000	00MBA21303000	TRS.	DTC124EU,RN1303 UMT TYPE
P514	QU04		00MBA21303000	00MBA21303000	TRS.	DTC124EU,RN1303 UMT TYPE
P514	QU05		00MHC011405K0	00MHC011405K0	IC	TC74VHCT00AFT(EL,K)
P514	QU06		00MHC008205K0	00MHC008205K0	IC	TC74VHC08FT
P514	QU51		00MHC008205K0	00MHC008205K0	IC	TC74VHC08FT
P514	QU52		00MHC007505K0	00MHC007505K0	IC	TC74VHCT08AFT EL X4 2INPUT AND
P514	QU53		00MHC009405K0	00MHC009405K0	IC	TC74VHC125FT
P514	QU54		00MHC011705K0	00MHC011705K0	IC	TC74LCX00FT(EL.K)
P514	R501		nsp	00MNN05181610	CHIP RES.	180 OHM +- 5% 1/16W
P514	R502		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
P514	R503		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
P514	R504		00MBW05220020	00MBW05220020	RES. COMPO.	CN1J4KTD22J
P514	R505		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P514	R506		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P514	R507		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P514	R508		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
P514	R509		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
P514	R510		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
P514	R511		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
P514	R512		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
P514	R513		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
P514	R514		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P514	R515		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P514	R516		00MBW05220020	00MBW05220020	RES. COMPO.	CN1J4KTD22J
P514	R517		00MBW05220020	00MBW05220020	RES. COMPO.	CN1J4KTD22J
P514	R518		00MBW05220020	00MBW05220020	RES. COMPO.	CN1J4KTD22J
P514	R519		nsp	00MNN05220610	CHIP RES.	22 OHM +- 5% 1/16W
P514	R520		nsp	00MNN05220610	CHIP RES.	22 OHM +- 5% 1/16W
P514	R522		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P514	R523		00MBW05220020	00MBW05220020	RES. COMPO.	CN1J4KTD22J
P514	R524		00MBW05220020	00MBW05220020	RES. COMPO.	CN1J4KTD22J
P514	R525		00MBW05220020	00MBW05220020	RES. COMPO.	CN1J4KTD22J
P514	R526		00MBW05220020	00MBW05220020	RES. COMPO.	CN1J4KTD22J
P514	R527		00MBW05220020	00MBW05220020	RES. COMPO.	CN1J4KTD22J
P514	R528		00MBW05220020	00MBW05220020	RES. COMPO.	CN1J4KTD22J
P514	R529		00MBW05220020	00MBW05220020	RES. COMPO.	CN1J4KTD22J
P514	R530		nsp	00MNN05220610	CHIP RES.	22 OHM +- 5% 1/16W
P514	R531		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
P514	R532		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
P514	R533		nsp	00MNN05332610	CHIP RES.	3.3K OHM +- 5% 1/16W
P514	R539		nsp	00MNN05122610	CHIP RES.	1.2K OHM +- 5% 1/16W
P514	R540		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
P514	R544		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
P514	R545		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
P514	R546		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
P514	R547		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
P514	R548		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
P514	R549		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
P514	R550		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
P514	R551		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
P514	R552		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
P514	R553		nsp	00MNN05220610	CHIP RES.	22 OHM +- 5% 1/16W
P514	R554		nsp	00MNN05100610	CHIP RES.	10 OHM +- 5% 1/16W
P514	R555		nsp	00MNN05332610	CHIP RES.	3.3K OHM +- 5% 1/16W
P514	R556		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P514	R557		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P514	R587		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P514	R588		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
P514	R589		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
P514	R590		nsp	00MNN05181610	CHIP RES.	180 OHM +- 5% 1/16W
P514	R591		nsp	00MNN05820610	CHIP RES.	82 OHM +- 5% 1/16W

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
P514	R592		nsp	00MNN05150610	CHIP RES.	15 OHM +- 5% 1/16W
P514	R593		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
P514	R594		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
P514	R597		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
P514	R598		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
P514	R599		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
P514	RA01		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
P514	RA02		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
P514	RA03		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
P514	RA04		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
P514	RA05		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
P514	RA06		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
P514	RA07		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
P514	RA08		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
P514	RA09		nsp	00MNN05104610	CHIP RES.	100K OHM +- 5% 1/16W
P514	RA10		nsp	00MNN05104610	CHIP RES.	100K OHM +- 5% 1/16W
P514	RA11		nsp	00MNN05104610	CHIP RES.	100K OHM +- 5% 1/16W
P514	RA12		nsp	00MNN05104610	CHIP RES.	100K OHM +- 5% 1/16W
P514	RA13		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
P514	RA14		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
P514	RA15		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
P514	RA16		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
P514	RA17		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
P514	RA18		nsp	00MNN05270610	CHIP RES.	27 OHM +- 5% 1/16W
P514	RA31		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
P514	RA32		nsp	00MNN05220610	CHIP RES.	22 OHM +- 5% 1/16W
P514	RA33		nsp	00MNN05220610	CHIP RES.	22 OHM +- 5% 1/16W
P514	RA34		nsp	00MNN05220610	CHIP RES.	22 OHM +- 5% 1/16W
P514	RA35		nsp	00MNN05220610	CHIP RES.	22 OHM +- 5% 1/16W
P514	RA36		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P514	RA37		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
P514	RA38		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
P514	RA39		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P514	RA40		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
P514	RA41		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
P514	RA42		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P514	RA43		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
P514	RA44		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
P514	RA45		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P514	RA46		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
P514	RA47		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
P514	RA51		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P514	RA52		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
P514	RA53		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
P514	RK01		nsp	00MNN05682610	CHIP RES.	6.8K OHM +- 5% 1/16W
P514	RK02		nsp	00MNN05682610	CHIP RES.	6.8K OHM +- 5% 1/16W
P514	RK03		nsp	00MNN05682610	CHIP RES.	6.8K OHM +- 5% 1/16W
P514	RK04		nsp	00MNN05682610	CHIP RES.	6.8K OHM +- 5% 1/16W
P514	RK05		nsp	00MNN05682610	CHIP RES.	6.8K OHM +- 5% 1/16W
P514	RK06		nsp	00MNN05682610	CHIP RES.	6.8K OHM +- 5% 1/16W
P514	RK07		nsp	00MNN05682610	CHIP RES.	6.8K OHM +- 5% 1/16W
P514	RK08		nsp	00MNN05682610	CHIP RES.	6.8K OHM +- 5% 1/16W
P514	RK09		nsp	00MNN05104610	CHIP RES.	100K OHM +- 5% 1/16W
P514	RK10		nsp	00MNN05104610	CHIP RES.	100K OHM +- 5% 1/16W
P514	RK11		nsp	00MNN05104610	CHIP RES.	100K OHM +- 5% 1/16W
P514	RK12		nsp	00MNN05104610	CHIP RES.	100K OHM +- 5% 1/16W
P514	RK13		nsp	00MNN05104610	CHIP RES.	100K OHM +- 5% 1/16W
P514	RK14		nsp	00MNN05104610	CHIP RES.	100K OHM +- 5% 1/16W
P514	RK15		nsp	00MNN05104610	CHIP RES.	100K OHM +- 5% 1/16W
P514	RK16		nsp	00MNN05104610	CHIP RES.	100K OHM +- 5% 1/16W
P514	RK17		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
P514	RK18		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
P514	RK19		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
P514	RK20		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
P514	RK21		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
P514	RK22		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
P514	RK23		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W

NOTE "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS

P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
P514	RK24		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
P514	RK25		nsp	00MNN05392610	CHIP RES.	3.9K OHM +- 5% 1/16W
P514	RK26		nsp	00MNN05392610	CHIP RES.	3.9K OHM +- 5% 1/16W
P514	RK27		nsp	00MNN05392610	CHIP RES.	3.9K OHM +- 5% 1/16W
P514	RK28		nsp	00MNN05392610	CHIP RES.	3.9K OHM +- 5% 1/16W
P514	RK29		nsp	00MNN05392610	CHIP RES.	3.9K OHM +- 5% 1/16W
P514	RK30		nsp	00MNN05392610	CHIP RES.	3.9K OHM +- 5% 1/16W
P514	RK31		nsp	00MNN05392610	CHIP RES.	3.9K OHM +- 5% 1/16W
P514	RK32		nsp	00MNN05392610	CHIP RES.	3.9K OHM +- 5% 1/16W
P514	RK33		nsp	00MNN05562610	CHIP RES.	5.6K OHM +- 5% 1/16W
P514	RK34		nsp	00MNN05562610	CHIP RES.	5.6K OHM +- 5% 1/16W
P514	RK35		nsp	00MNN05562610	CHIP RES.	5.6K OHM +- 5% 1/16W
P514	RK36		nsp	00MNN05562610	CHIP RES.	5.6K OHM +- 5% 1/16W
P514	RK37		nsp	00MNN05562610	CHIP RES.	5.6K OHM +- 5% 1/16W
P514	RK38		nsp	00MNN05562610	CHIP RES.	5.6K OHM +- 5% 1/16W
P514	RK39		nsp	00MNN05562610	CHIP RES.	5.6K OHM +- 5% 1/16W
P514	RK40		nsp	00MNN05562610	CHIP RES.	5.6K OHM +- 5% 1/16W
P514	RK41		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
P514	RK42		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
P514	RK43		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
P514	RK44		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
P514	RK45		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
P514	RK46		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
P514	RK47		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
P514	RK48		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
P514	RK49		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
P514	RK50		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
P514	RK51		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
P514	RK52		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
P514	RK53		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
P514	RK54		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
P514	RK55		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
P514	RK56		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
P514	RK57		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
P514	RK58		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
P514	RK59		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
P514	RK60		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
P514	RK61		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
P514	RK62		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
P514	RK63		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
P514	RK64		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
P514	RK65		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
P514	RK66		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
P514	RK67		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
P514	RK68		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
P514	RK69		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
P514	RK70		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
P514	RK71		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
P514	RK72		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
P514	RK73		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
P514	RK77		nsp	00MNN05270610	CHIP RES.	27 OHM +- 5% 1/16W
P514	RK78		nsp	00MNN05270610	CHIP RES.	27 OHM +- 5% 1/16W
P514	RK79		nsp	00MNN05270610	CHIP RES.	27 OHM +- 5% 1/16W
P514	RK80		nsp	00MNN05270610	CHIP RES.	27 OHM +- 5% 1/16W
P514	RK81		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
P514	RK82		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
P514	RK83		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
P514	RK84		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
P514	RK85		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
P514	RK86		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
P514	RK87		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
P514	RK88		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
P514	RK89		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
P514	RK90		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
P514	RK91		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
P514	RK92		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
P514	RK93		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
P514	RK94		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
P514	RK95		nsp	00MNN05047610	CHIP RES.	4.7 OHM +- 5% 1/16W
P514	RR01		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
P514	RR02		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
P514	RR03		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
P514	RR04		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
P514	RR05		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
P514	RR06		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
P514	RR07		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
P514	RR08		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
P514	RR09		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
P514	RR10		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
P514	RR11		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P514	RR12		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P514	RR13		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P514	RR14		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P514	RR15		nsp	00MNN05332610	CHIP RES.	3.3K OHM +- 5% 1/16W
P514	RR16		nsp	00MNN05223610	CHIP RES.	22K OHM +- 5% 1/16W
P514	RR17		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
P514	RR18		nsp	00MNN05220610	CHIP RES.	22 OHM +- 5% 1/16W
P514	RR19		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
P514	RR20		nsp	00MNN05220610	CHIP RES.	22 OHM +- 5% 1/16W
P514	RR21		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
P514	RU01		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
P514	RU02		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P514	RU03		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
P514	RU04		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
P514	RU05		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
P514	RU06		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
P514	RU07		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
P514	RU08		nsp	00MNN05223610	CHIP RES.	22K OHM +- 5% 1/16W
P514	RU09		nsp	00MNN05223610	CHIP RES.	22K OHM +- 5% 1/16W
P514	RU10		nsp	00MNN05223610	CHIP RES.	22K OHM +- 5% 1/16W
P514	RU11		nsp	00MNN05223610	CHIP RES.	22K OHM +- 5% 1/16W
P514	RU12		nsp	00MNN05223610	CHIP RES.	22K OHM +- 5% 1/16W
P514	RU13		nsp	00MNN05223610	CHIP RES.	22K OHM +- 5% 1/16W
P514	RU14		nsp	00MNN05223610	CHIP RES.	22K OHM +- 5% 1/16W
P514	RU15		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
P514	RU16		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
P514	RU17		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
P514	RU22		nsp	00MNN05104610	CHIP RES.	100K OHM +- 5% 1/16W
P514	RU23		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P514	RU24		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P514	RU25		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P514	RU26		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P514	RU27		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
P514	RU29		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
P514	RU30		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
P514	RU51		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
P514	RU52		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
P514	RU53		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
P514	RU54		nsp	00MNN05223610	CHIP RES.	22K OHM +- 5% 1/16W
P514	RU55		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P514	RU56		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P514	RU57		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P514	RU58		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P514	RU59		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P514	RU61		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P514	RU63		nsp	00MNN05223610	CHIP RES.	22K OHM +- 5% 1/16W
P514	RU64		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
P514	RU65		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
P514	RU66		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
P514	RU67		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
P514	RU68		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
P514	TA01		00MTP41042030	00MTP41042030	TRANSF.	PULSE TRNSF.(TPS247MN-0386AN)
P514	XR51		00MJX24004350	00MJX24004350	X'TAL	SMD-49 24.576MHZ
P514	XU01		00MJX12006350	00MJX12006350	X'TAL	SMD-49 12.288MHZ

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
					MRAC PWB (00MWI12AJ902-)	
P624	C101		00MEY10601620	00MEY10601620	ELECT CAP.	10UF/ 16V
P624	C102		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P624	C601		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P624	C602		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P624	C603		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P624	C604		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P624	C605		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
P624	C606		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P624	C607		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P624	C608		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P624	C609		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P624	C610		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P624	C611		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P624	C612		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P624	C613		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P624	C614		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P624	C615		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P624	C616		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P624	C617		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P624	C618		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P624	C619		00MEY10601620	00MEY10601620	ELECT CAP.	10UF/ 16V
P624	C622		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P624	C623		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P624	C624		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P624	C625		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
P624	C626		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P624	C627		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P624	C628		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P624	C629		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P624	C630		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P624	C631		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P624	C632		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P624	C633		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P624	C634		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P624	C635		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P624	C636		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P624	C637		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P624	C638		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P624	C639		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P624	C640		00MEY10601620	00MEY10601620	ELECT CAP.	10UF/ 16V
P624	C646		00MEY22600620	00MEY22600620	ELECT CAP.	22UF/6.3V
P624	C647		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P624	C648		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P624	C649		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P624	C650		00MEY10601620	00MEY10601620	ELECT CAP.	10UF/ 16V
P624	C653		nsp	00MDD95220300	CER. CAP.	22 PF +- 5 % CG 50V GR39
P624	C654		nsp	00MDD95220300	CER. CAP.	22 PF +- 5 % CG 50V GR39
P624	C655		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P624	C656		00MEY10700620	00MEY10700620	ELECT CAP.	100UF/6.3V
P624	C657		00MEY10700620	00MEY10700620	ELECT CAP.	100UF/6.3V
P624	C658		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P624	C659		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P624	C660		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P624	C661		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P624	C662		00MEY10700620	00MEY10700620	ELECT CAP.	100UF/6.3V
P624	C663		00MEY10700620	00MEY10700620	ELECT CAP.	100UF/6.3V
P624	C664		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P624	C665		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
P624	C666		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
P624	J604		00MYP07005650	00MYP07005650	PLUG	IMSA-9851B-22Y905
P624	L601		00MFM31474010	00MFM31474010	EMI FILTER	NFM2012P13C474R
P624	L602		00MFM31474010	00MFM31474010	EMI FILTER	NFM2012P13C474R
P624	L603		00MFC90020120	00MFC90020120	FERRITE CORE	BK1608HM102-T FERRIT BEADS
P624	L604		00MFC90020120	00MFC90020120	FERRITE CORE	BK1608HM102-T FERRIT BEADS
P624	L606		00MFC90020120	00MFC90020120	FERRITE CORE	BK1608HM102-T FERRIT BEADS
P624	Q601		00MHC10143180	00MHC10143180	IC	MB86344BPV-G-BNDE1

NOTE "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS

P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
P624	Q602		00MHC10143180	00MHC10143180	IC	MB86344BPV-G-BNDE1
P624	Q603		00MHC005605K0	00MHC005605K0	IC	TC74VHC74FS
P624	Q604		00MHC005605K0	00MHC005605K0	IC	TC74VHC74FS
P624	Q606		00MHC10475990	00MHC10475990	IC	IC61LV25616-10TG
P624	Q607		00MHC700400Z0	00MHC700400Z0	IC	CMOS 74HCU04 FLAT
P624	Q608		90M-HS11AJH2R	90M-HS11AJH2R	U-PRO	HD64F36049GHV (PROG.00M11AJ499G00)
P624	Q609		00MHC36J33050	00MHC36J33050	IC	TA48033F(TE16L N)
P624	Q610		00MHC98A26090	00MHC98A26090	IC	NJM2391DL1-26 2.6V REG SMD
P624	Q614		00MHC10229210	00MHC10229210	IC	BD4727G 2.7V RESET IC
P624	R101		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
P624	R102		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
P624	R103		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
P624	R104		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
P624	R109		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
P624	R110		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
P624	R111		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
P624	R112		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
P624	R117		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
P624	R118		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
P624	R119		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
P624	R120		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
P624	R601		nsp	00MNN05332610	CHIP RES.	3.3K OHM +- 5% 1/16W
P624	R602		nsp	00MNN05332610	CHIP RES.	3.3K OHM +- 5% 1/16W
P624	R603		nsp	00MNN05332610	CHIP RES.	3.3K OHM +- 5% 1/16W
P624	R604		nsp	00MNN05332610	CHIP RES.	3.3K OHM +- 5% 1/16W
P624	R605		nsp	00MNN05332610	CHIP RES.	3.3K OHM +- 5% 1/16W
P624	R606		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P624	R607		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P624	R608		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
P624	R609		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
P624	R610		nsp	00MNN05332610	CHIP RES.	3.3K OHM +- 5% 1/16W
P624	R611		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
P624	R612		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
P624	R613		nsp	00MNN05332610	CHIP RES.	3.3K OHM +- 5% 1/16W
P624	R614		nsp	00MNN05332610	CHIP RES.	3.3K OHM +- 5% 1/16W
P624	R615		nsp	00MNN05332610	CHIP RES.	3.3K OHM +- 5% 1/16W
P624	R616		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P624	R617		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P624	R618		nsp	00MNN05332610	CHIP RES.	3.3K OHM +- 5% 1/16W
P624	R619		nsp	00MNN05332610	CHIP RES.	3.3K OHM +- 5% 1/16W
P624	R620		nsp	00MNN05332610	CHIP RES.	3.3K OHM +- 5% 1/16W
P624	R621		nsp	00MNN05332610	CHIP RES.	3.3K OHM +- 5% 1/16W
P624	R622		nsp	00MNN05332610	CHIP RES.	3.3K OHM +- 5% 1/16W
P624	R623		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P624	R624		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P624	R629		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
P624	R630		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
P624	R635		nsp	00MNN05332610	CHIP RES.	3.3K OHM +- 5% 1/16W
P624	R636		00MBW05220020	00MBW05220020	RES. COMPO.	CN1J4KTD22J
P624	R637		00MBW05220020	00MBW05220020	RES. COMPO.	CN1J4KTD22J
P624	R638		00MBW05220020	00MBW05220020	RES. COMPO.	CN1J4KTD22J
P624	R639		00MBW05220020	00MBW05220020	RES. COMPO.	CN1J4KTD22J
P624	R640		00MBW05220020	00MBW05220020	RES. COMPO.	CN1J4KTD22J
P624	R641		00MBW05220020	00MBW05220020	RES. COMPO.	CN1J4KTD22J
P624	R642		00MBW05220020	00MBW05220020	RES. COMPO.	CN1J4KTD22J
P624	R643		00MBW05220020	00MBW05220020	RES. COMPO.	CN1J4KTD22J
P624	R644		00MBW05220020	00MBW05220020	RES. COMPO.	CN1J4KTD22J
P624	R645		00MBW05220020	00MBW05220020	RES. COMPO.	CN1J4KTD22J
P624	R646		00MBW05220020	00MBW05220020	RES. COMPO.	CN1J4KTD22J
P624	R647		00MBW05220020	00MBW05220020	RES. COMPO.	CN1J4KTD22J
P624	R648		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
P624	R649		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
P624	R650		nsp	00MNN05332610	CHIP RES.	3.3K OHM +- 5% 1/16W
P624	R679		nsp	00MNN05220610	CHIP RES.	22 OHM +- 5% 1/16W
P624	R680		nsp	00MNN05220610	CHIP RES.	22 OHM +- 5% 1/16W
P624	R681		nsp	00MNN05332610	CHIP RES.	3.3K OHM +- 5% 1/16W
P624	R682		nsp	00MNN05332610	CHIP RES.	3.3K OHM +- 5% 1/16W

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
P624	R683		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
P624	R684		nsp	00MNN05220610	CHIP RES.	22 OHM +- 5% 1/16W
P624	R685		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
P624	R686		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
P624	R692		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P624	R693		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P624	R694		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
P624	R695		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
P624	R696		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
P624	R697		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
P624	X601		00MJX13005350	00MJX13005350	X'TAL	SMD-49 13.500MHZ
P624	X602		00MFQ01605120	00MFQ01605120	CER. VIB.	CSTCE16M0V53-R0
					TI DSP PWB (00MWI12AJA01-)	
P714	C701		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P714	C702		00MEY10601620	00MEY10601620	ELECT CAP.	10UF/ 16V
P714	C703		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P714	C704		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P714	C705		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P714	C706		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P714	C707		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P714	C708		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P714	C709		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P714	C710		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P714	C711		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P714	C712		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P714	C713		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P714	C714		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P714	C715		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P714	C718		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P714	C719		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P714	C720		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P714	C721		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P714	C722		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P714	C723		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P714	C724		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P714	C725		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P714	C726		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P714	C727		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P714	C728		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P714	C731		nsp	00MDD95180300	CER. CAP.	18PF (GR39)
P714	C732		nsp	00MDD95120300	CER. CAP.	12 PF +- 5 % CG 50V
P714	C733		nsp	00MDD95471300	CER. CAP.	GRM39CH471J50PT
P714	C734		nsp	00MDD95471300	CER. CAP.	GRM39CH471J50PT
P714	C741		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P714	C742		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P714	C743		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P714	C745		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P714	C761		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P714	C765		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P714	C766		nsp	00MDK96102300	CER. CAP.	1000 PF +- 10 % B 50V GR36
P714	C771		00MEY22700690	00MEY22700690	ELECT CAP.	220UF/6.3V LOW LEAKAGE
P714	C772		00MEY22700690	00MEY22700690	ELECT CAP.	220UF/6.3V LOW LEAKAGE
P714	C773		00MEY10601620	00MEY10601620	ELECT CAP.	10UF/ 16V
P714	C782		00MEY22700690	00MEY22700690	ELECT CAP.	220UF/6.3V LOW LEAKAGE
P714	C783		00MEY10601620	00MEY10601620	ELECT CAP.	10UF/ 16V
P714	C791		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
P714	D701		00MHZ20031050	00MHZ20031050	CHIP DIODE	1SS322
P714	F701		00MFM31474010	00MFM31474010	EMI FILTER	NFM2012P13C474R
P714	F771		00MFM31474010	00MFM31474010	EMI FILTER	NFM2012P13C474R
P714	F772		00MFN31060010	00MFN31060010	EMI FILTER	BLM41P600S PT
P714	F773		00MFN31060010	00MFN31060010	EMI FILTER	BLM41P600S PT
P714	J702		00MYJ07061380	00MYJ07061380	JACK	IMSA-9852S-14Y902
P714	J703		00MYJ07061390	00MYJ07061390	JACK	IMSA-9852S-22Y902
P714	Q701		nsp	nsp	IC	TMS320DA610A003BPYP225
P714	Q702		00MHC12250990	00MHC12250990	IC	W986416DH-7 -> W9864G6EH-7 (PBFREE)
P714	Q703		80M11AJA00301	80M11AJA00301	U-PRO	M29W800DT70N1 TI DSP FLASH
P714	Q761		00MHC10114530	00MHC10114530	IC	S-80810CNNB-B9O-T2 1.0V DTC.

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
P714	Q765		00MHC10114530	00MHC10114530	IC	S-80810CNNB-B9O-T2 1.0V DTC.
P714	Q771		00MHC98818990	00MHC98818990	IC	NCP1117STAT3 1.25-18.8V ADJ REG.800MA
P714	Q781		00MHC98818990	00MHC98818990	IC	NCP1117STAT3 1.25-18.8V ADJ REG.800MA
P714	Q791		00MHC005805K0	00MHC005805K0	IC	TC74VHC157FT
P714	R702		nsp	00MNN05104610	CHIP RES.	100K OHM +- 5% 1/16W
P714	R703		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
P714	R704		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
P714	R706		nsp	00MNN05392610	CHIP RES.	3.9K OHM +- 5% 1/16W
P714	R707		nsp	00MNN05182610	CHIP RES.	1.8K OHM +- 5% 1/16W
P714	R708		nsp	00MNN05392610	CHIP RES.	3.9K OHM +- 5% 1/16W
P714	R709		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
P714	R710		nsp	00MNN05182610	CHIP RES.	1.8K OHM +- 5% 1/16W
P714	R712		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
P714	R714		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
P714	R715		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
P714	R716		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
P714	R717		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
P714	R721		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
P714	R722		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
P714	R723		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
P714	R724		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
P714	R725		nsp	00MNN05560610	CHIP RES.	56 OHM +- 5% 1/16W
P714	R726		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
P714	R728		nsp	00MNN05392610	CHIP RES.	3.9K OHM +- 5% 1/16W
P714	R731		nsp	00MNN05151610	CHIP RES.	150 OHM +- 5% 1/16W
P714	R732		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
P714	R733		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
P714	R734		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
P714	R735		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
P714	R736		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
P714	R737		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
P714	R738		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
P714	R739		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
P714	R740		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
P714	R741		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P714	R742		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
P714	R743		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
P714	R744		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
P714	R757		nsp	00MNN05392610	CHIP RES.	3.9K OHM +- 5% 1/16W
P714	R758		nsp	00MNN05182610	CHIP RES.	1.8K OHM +- 5% 1/16W
P714	R760		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
P714	R761		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
P714	R762		nsp	00MNN05223610	CHIP RES.	22K OHM +- 5% 1/16W
P714	R763		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
P714	R764		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
P714	R765		nsp	00MNN05183610	CHIP RES.	18K OHM +- 5% 1/16W
P714	R766		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
P714	R767		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
P714	R768		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
P714	R769		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
P714	R770		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
P714	R771		00MNM12200020	00MNM12200020	CHIP RES.	RK73H1JTTD2200F 220 OHM +/- 1% 1/10W
P714	R772		00MNM11800020	00MNM11800020	CHIP RES.	RK73H1JTTD1800F 180 OHM +/- 1% 1/10W
P714	R773		00MNM11800020	00MNM11800020	CHIP RES.	RK73H1JTTD1800F 180 OHM +/- 1% 1/10W
P714	R774		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
P714	R776		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
P714	R777		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
P714	R781		00MNM12200020	00MNM12200020	CHIP RES.	RK73H1JTTD2200F 220 OHM +/- 1% 1/10W
P714	R782		00MNM1033G020	00MNM1033G020	CHIP RES.	RK73H1JTTD3R30F 3.3 OHM +/- 1% 1/10W
P714	R791		nsp	00MNN05560610	CHIP RES.	56 OHM +- 5% 1/16W
P714	R792		nsp	00MNN05100610	CHIP RES.	10 OHM +- 5% 1/16W
P714	R794		nsp	00MNN05220610	CHIP RES.	22 OHM +- 5% 1/16W
P714	R799		nsp	00MNN05560610	CHIP RES.	56 OHM +- 5% 1/16W
P714	X731		00MJX24006350	00MJX24006350	X'TAL	SMD-49 24.576MHZ +- 10 PPM X-TAL
					REGULATOR1 PWB (00MWG12AJ601-)	
P814	C802		00MEB33901610	00MEB33901610	ELECT CAP.	SMH16VSSN33000M30D 33000UF/16V M
P814	C807		00MEB33901610	00MEB33901610	ELECT CAP.	SMH16VSSN33000M30D 33000UF/16V M

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
P814	C814		00MOF55103580	00MOF55103580	FILM CAP.	0.01UF 100V +- 5% FNS
P814	C816		nsp	00MOA22802520	ELECT. CAP.	2200UF 25V RA2
P814	C817		nsp	00MOA22802520	ELECT. CAP.	2200UF 25V RA2
P814	C824		00MOF15103540	00MOF15103540	FILM CAP.	APSV 103J,0.01UF(TP) 100V PP
P814	C826		nsp	00MOA22802520	ELECT. CAP.	2200UF 25V RA2
P814	C827		nsp	00MOA10802520	ELECT. CAP.	1000 UF M 25V RA-2
P814	C828		nsp	00MOA47601620	ELECT. CAP.	47 UF M 16V RA-2
P814	C829		nsp	00MDK16102300	CER. CAP.	1000PF K 50V
P814	C830		nsp	00MOA22802520	ELECT. CAP.	2200UF 25V RA2
P814	C846		nsp	00MOA10802520	ELECT. CAP.	1000 UF M 25V RA-2
P814	C847		nsp	00MOA10802520	ELECT. CAP.	1000 UF M 25V RA-2
P814	C848		nsp	00MOA22802520	ELECT. CAP.	2200UF 25V RA2
P814	C849		nsp	00MOA22802520	ELECT. CAP.	2200UF 25V RA2
P814	▲ D801		00MHE20031290	00MHE20031290	DIODE	! D10SBS4-7100
P814	▲ D802		00MHE20031290	00MHE20031290	DIODE	! D10SBS4-7100
P814	▲ D803		00MHD20045290	00MHD20045290	DIODE	! D1NJ10 100V 1A SBD
P814	▲ D804		00MHD20045290	00MHD20045290	DIODE	! D1NJ10 100V 1A SBD
P814	▲ D805		00MHD20045290	00MHD20045290	DIODE	! D1NJ10 100V 1A SBD
P814	▲ D806		00MHD20045290	00MHD20045290	DIODE	! D1NJ10 100V 1A SBD
P814	▲ D807		00MHE20020290	00MHE20020290	DIODE	! D3SB 20 V=200V,IO=3.0A
P814	Q806		00MHT800921B0	00MHT800921B0	TRS.	KTC3199 NPN TRANSISTOR RANK=Y
P814	Q807		00MHT800921B0	00MHT800921B0	TRS.	KTC3199 NPN TRANSISTOR RANK=Y
P814	Q808		00MHT600111B0	00MHT600111B0	TRS.	KTA1267 PNP TRANSISTOR RANK=Y
P814	Q809		00MBA10001000	00MBA10001000	TRS.	DTA114ES/UN4111 10K,10K
P814	R801		nsp	00MGD05223160	RES.	22K OHM +- 5% 1/6W
P814	R802		nsp	00MGD05223160	RES.	22K OHM +- 5% 1/6W
P814	R803		nsp	00MGD05103160	RES.	10K OHM +- 5% 1/6W
P814	R804		nsp	00MGD05223160	RES.	22K OHM +- 5% 1/6W
P814	R805		nsp	00MGD05223160	RES.	22K OHM +- 5% 1/6W
P814	R806		nsp	00MGD05103160	RES.	10K OHM +- 5% 1/6W
P814	R807		nsp	00MGD05333160	RES.	33K OHM +- 5% 1/6W
P814	R808		nsp	00MGD05104160	RES.	100K OHM +- 5% 1/6W
					REGULATOR2 PWB (00MWG12AJ602-)	
P824	C813		nsp	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
P824	C822		nsp	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
P824	C823		nsp	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
P824	C835		nsp	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
P824	C836		nsp	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
P824	C839		nsp	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
P824	C842		nsp	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
P824	C845		nsp	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
P824	D808		nsp	00MHD20002710	DIODE	1D3 1A/200V
P824	D809		nsp	00MHD20002710	DIODE	1D3 1A/200V
P824	D811		nsp	00MHD20002710	DIODE	1D3 1A/200V
P824	D815		nsp	00MHD20002710	DIODE	1D3 1A/200V
P824	D816		nsp	00MHD20002710	DIODE	1D3 1A/200V
P824	D817		nsp	00MHD20002710	DIODE	1D3 1A/200V
P824	D818		nsp	00MHD20002710	DIODE	1D3 1A/200V
P824	D819		nsp	00MHD20002710	DIODE	1D3 1A/200V
P824	▲ Q803		00MHC36905210	00MHC36905210	IC	! BA05T 5V/1A TO220
P824	▲ Q804		00MHC38915990	00MHC38915990	IC	! KIA7815API/P
P824	▲ Q805		00MHC39915990	00MHC39915990	IC	! KIA7915PI/P
P824	▲ Q811		00MHC38912990	00MHC38912990	IC	! KIA7812API/P
P824	▲ Q812		00MHC38908990	00MHC38908990	IC	! KIA7808API/P
P824	▲ Q813		00MHC38905990	00MHC38905990	IC	! KIA7805API/P
P824	▲ Q814		00MHC38905990	00MHC38905990	IC	! KIA7805API/P
P824	▲ Q815		00MHC39905990	00MHC39905990	IC	! KIA7905PI/P
					FLD/BACKUP TRANS PWB (00MWG12AJ603-)	
P834	CB07		nsp	00MOA10803520	ELECT. CAP.	1000 UF M 35V RA-2
P834	CB10		nsp	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
P834	CB25		00MOF15103540	00MOF15103540	FILM CAP.	APSV 103J,0.01UF(TP) 100V PP
P834	CB26		00MOF15103540	00MOF15103540	FILM CAP.	APSV 103J,0.01UF(TP) 100V PP
P834	CB28		00MOF15103540	00MOF15103540	FILM CAP.	APSV 103J,0.01UF(TP) 100V PP
P834	▲ DB09		00MHD20002710	00MHD20002710	DIODE	! 1D3 1A/200V
P834	▲ DB10		00MHD20002710	00MHD20002710	DIODE	! 1D3 1A/200V
P834	▲ DB11		00MHD20002710	00MHD20002710	DIODE	! 1D3 1A/200V
P834	▲ DB12		00MHD20002710	00MHD20002710	DIODE	! 1D3 1A/200V

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
P834	DB26		nsp	00MHD20002710	DIODE	1D3 1A/200V
P834	⚠ LB05		00MLY10050130	00MLY10050130	RELAY	! SDT-S-105LMR
P834	⚠ QB08		00MHC38912990	00MHC38912990	IC	! KIA7812API/P
P834	⚠ TB01	/F N	nsp	00MTS13521100	TRANSF.	# POWER TRANS. FOR BACKUP 100V
P834	⚠ TB01	/N1B	00MTS13521130	00MTS13521130	TRANSF.	# POWER TRANS. FOR BACKUP 230V
P834	⚠ TB01	/N1G	00MTS13521130	00MTS13521130	TRANSF.	# POWER TRANS. FOR BACKUP 230V
P834	⚠ TB01	/N1S	00MTS13521130	00MTS13521130	TRANSF.	# POWER TRANS. FOR BACKUP 230V
P834	⚠ TB01	/U1B	nsp	00MTS13521110	TRANSF.	# POWER TRANS. FOR BACKUP 120V
P834	⚠ TB01	/U1G	nsp	00MTS13521110	TRANSF.	# POWER TRANS. FOR BACKUP 120V
P834	⚠ TB02	/F N	nsp	00MTS13521140	TRANSF.	# POWER TRANS. FOR FLD 100V
P834	⚠ TB02	/N1B	00MTS13521170	00MTS13521170	TRANSF.	# POWER TRANS. FOR FLD 230V
P834	⚠ TB02	/N1G	00MTS13521170	00MTS13521170	TRANSF.	# POWER TRANS. FOR FLD 230V
P834	⚠ TB02	/N1S	00MTS13521170	00MTS13521170	TRANSF.	# POWER TRANS. FOR FLD 230V
P834	⚠ TB02	/U1B	nsp	00MTS13521150	TRANSF.	# POWER TRANS. FOR FLD 120V
P834	⚠ TB02	/U1G	nsp	00MTS13521150	TRANSF.	# POWER TRANS. FOR FLD 120V
					FLD/BACKUP POWER PWB (00MWG12AJ604-)	
P844	CB05		nsp	00MOA47505020	ELECT. CAP.	4.7 UF M 50V RA-2
P844	CB11		nsp	00MOA47802520	ELECT. CAP.	4700UF/25V RA-2
P844	CB14		nsp	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
P844	CB17		nsp	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
P844	CB18		nsp	00MOA10710020	ELECT. CAP.	RA2-100V101MC-S1
P844	CB20		nsp	00MOA10610020	ELECT. CAP.	10 UF M 100V RA2
P844	CB21		nsp	00MOA10610020	ELECT. CAP.	10 UF M 100V RA2
P844	⚠ CB23		00MDK17471520	00MDK17471520	CER. CAP.	! DE0910 B 471K -KX 470PF 250V
P844	⚠ DB05		00MHD20002710	00MHD20002710	DIODE	! 1D3 1A/200V
P844	⚠ DB06		00MHD20002710	00MHD20002710	DIODE	! 1D3 1A/200V
P844	DB07		00MHD30821000	00MHD30821000	ZENER DIODE	8.2V ZENER EQUIVALENT
P844	DB08		nsp	00MHD20002000	DIODE	1SS176,MA165,1SS254 30V 0.1A
P844	⚠ DB13		00MHD20002710	00MHD20002710	DIODE	! 1D3 1A/200V
P844	⚠ DB14		00MHD20002710	00MHD20002710	DIODE	! 1D3 1A/200V
P844	⚠ DB15		00MHD20002710	00MHD20002710	DIODE	! 1D3 1A/200V
P844	⚠ DB16		00MHD20002710	00MHD20002710	DIODE	! 1D3 1A/200V
P844	⚠ DB17		00MHD20002710	00MHD20002710	DIODE	! 1D3 1A/200V
P844	⚠ DB18		00MHD20002710	00MHD20002710	DIODE	! 1D3 1A/200V
P844	⚠ DB19		00MHD20002710	00MHD20002710	DIODE	! 1D3 1A/200V
P844	⚠ DB20		00MHD20002710	00MHD20002710	DIODE	! 1D3 1A/200V
P844	DB21		nsp	00MHD20002000	DIODE	1SS176,MA165,1SS254 30V 0.1A
P844	DB22		nsp	00MHD20002000	DIODE	1SS176,MA165,1SS254 30V 0.1A
P844	DB23		00MHD33001000	00MHD33001000	ZENER DIODE	ZENER 30V MTZ J 30V
P844	DB24		00MHD33301000	00MHD33301000	ZENER DIODE	MTZJ33D 33V ZENER EQUIVALENT
P844	DB25		nsp	00MHD20002710	DIODE	1D3 1A/200V
P844	QB07		00MHC10098550	00MHC10098550	IC	PST600D-2 RESET IC
P844	⚠ QB09		00MHC36905210	00MHC36905210	IC	! BA05T 5V/1A TO220
P844	⚠ QB10		00MHC36J33210	00MHC36J33210	IC	! BA033T +3.3V 1A TYPE
P844	QB11		00MHT900291B0	00MHT900291B0	TRS.	KTD600K NPN TRANSISTOR RANK=Y
P844	QB12		00MHT600121A0	00MHT600121A0	TRS.	KTA1268 PNP TRANSISTOR RANK=GR
P844	QB13		00MBA20001000	00MBA20001000	TRS.	DTC114ES/UN4211 10K,10K
P844	QB14		00MHT600141B0	00MHT600141B0	TRS.	KTA1271 PNP TRANSISTOR RANK=Y
P844	RB12		nsp	00MGD05183160	RES.	18K OHM +- 5% 1/6W
P844	RB13		nsp	00MGD05473160	RES.	47K OHM +- 5% 1/6W
P844	RB15		nsp	00MGD05104160	RES.	100K OHM +- 5% 1/6W
P844	RB16		nsp	00MGD05331160	RES.	330 OHM +- 5% 1/6W
P844	RB22		nsp	00MGD05473160	RES.	47K OHM +- 5% 1/6W
P844	RB23		nsp	00MGD05152160	RES.	1.5K OHM +- 5% 1/6W
					POWER SW PWB (00MWA11AJ409-)	
P894	C8P1	/F N	nsp	00MDK17471520	CER. CAP.	DE0910 B 471K -KX 470PF 250V
P894	C8P1	/N1B	nsp	00MDK17471520	CER. CAP.	DE0910 B 471K -KX 470PF 250V
P894	C8P1	/N1G	nsp	00MDK17471520	CER. CAP.	DE0910 B 471K -KX 470PF 250V
P894	C8P1	/N1S	nsp	00MDK17471520	CER. CAP.	DE0910 B 471K -KX 470PF 250V
P894	S8P1	/F N	nsp	00MSP01013800	PUSH SW	MAINS POWER SWITCH ESB92S17B
P894	S8P1	/N1B	00MSP01013800	00MSP01013800	PUSH SW	MAINS POWER SWITCH ESB92S17B
P894	S8P1	/N1G	00MSP01013800	00MSP01013800	PUSH SW	MAINS POWER SWITCH ESB92S17B
P894	S8P1	/N1S	00MSP01013800	00MSP01013800	PUSH SW	MAINS POWER SWITCH ESB92S17B
					FRONT PWB (00MWA11AJ401-)	
PC14	CC06		nsp	00MOA10610020	ELECT. CAP.	10 UF M 100V RA2
PC14	CC07		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PC14	CC08		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PC14	CC09		nsp	00MOA10601620	ELECT. CAP.	10 UF M 16V RA-2
PC14	CCA1		nsp	00MOA47701620	ELECT. CAP.	470UF 16V M RA-2
PC14	CCA2		nsp	00MOA47701620	ELECT. CAP.	470UF 16V M RA-2
PC14	CCA3		nsp	00MOA47701620	ELECT. CAP.	470UF 16V M RA-2
PC14	CCA4		nsp	00MOA47701620	ELECT. CAP.	470UF 16V M RA-2
PC14	CCD4		nsp	00MOA10505020	ELECT. CAP.	1 UF M 50V RA-2
PC14	CCE2		nsp	00MDK16471300	CER. CAP.	470PF K 50V
PC14	DC01		00MHW10002620	00MHW10002620	PHOTO UNIT	IR SENSOR TSOP 1136 TB1
PC14	DC02		00MHI10045080	00MHI10045080	L.E.D.	SML11516C-TP4
PC14	DC03		00MHI10044080	00MHI10044080	L.E.D.	BLUE LED 3MM SEL2E10C
PC14	DC04		00MHI10005340	00MHI10005340	L.E.D.	HLMF-K200 #2UL RED H=9 3MM
PC14	DCA1		nsp	00MHD20045290	DIODE	D1NJ10 100V 1A SBD
PC14	DCA2		nsp	00MHD20045290	DIODE	D1NJ10 100V 1A SBD
PC14	DCA3		nsp	00MHD20045290	DIODE	D1NJ10 100V 1A SBD
PC14	DCA4		nsp	00MHD20045290	DIODE	D1NJ10 100V 1A SBD
PC14	JC05		00MYJ06013130	00MYJ06013130	JACK	05JQ-ST
PC14	QC01		00MBA20001000	00MBA20001000	TRS.	DTC114ES/UN4211 10K,10K
PC14	QC02		00MBA10001000	00MBA10001000	TRS.	DTA114ES/UN4111 10K,10K
PC14	QC03		00MBA10001000	00MBA10001000	TRS.	DTA114ES/UN4111 10K,10K
PC14	QC04		00MBA20001000	00MBA20001000	TRS.	DTC114ES/UN4211 10K,10K
PC14	QC05		00MBA20001000	00MBA20001000	TRS.	DTC114ES/UN4211 10K,10K
PC14	QC06		00MBA20001000	00MBA20001000	TRS.	DTC114ES/UN4211 10K,10K
PC14	QCD1		00MHC10230210	00MHC10230210	IC	BD6621FP-Y
PC14	QCE1		00MHC10009090	00MHC10009090	IC	NJM2901 QUAD COMPARATOR
PC14	RC01		nsp	00MGD05101160	RES.	100 OHM +- 5% 1/6W
PC14	RC02		nsp	00MGD05101160	RES.	100 OHM +- 5% 1/6W
PC14	RC03		nsp	00MGD05101160	RES.	100 OHM +- 5% 1/6W
PC14	RC04		nsp	00MGD05331160	RES.	330 OHM +- 5% 1/6W
PC14	RC05		nsp	00MGD05681160	RES.	680 OHM +- 5% 1/6W
PC14	RC06		nsp	00MGD05331160	RES.	330 OHM +- 5% 1/6W
PC14	RC07		nsp	00MGD05102160	RES.	1K OHM +- 5% 1/6W
PC14	RC08		nsp	00MGD05102160	RES.	1K OHM +- 5% 1/6W
PC14	RC09		nsp	00MGD05222160	RES.	2.2K OHM +- 5% 1/6W
PC14	RC10		nsp	00MGD05152160	RES.	1.5K OHM +- 5% 1/6W
PC14	RC11		nsp	00MGD05102160	RES.	1K OHM +- 5% 1/6W
PC14	RC12		nsp	00MGD05821160	RES.	820 OHM +- 5% 1/6W
PC14	RC13		nsp	00MGD05561160	RES.	560 OHM +- 5% 1/6W
PC14	RC14		nsp	00MGD05222160	RES.	2.2K OHM +- 5% 1/6W
PC14	RC15		nsp	00MGD05152160	RES.	1.5K OHM +- 5% 1/6W
PC14	RC16		nsp	00MGD05102160	RES.	1K OHM +- 5% 1/6W
PC14	RC17		nsp	00MGD05821160	RES.	820 OHM +- 5% 1/6W
PC14	RC18		nsp	00MGD05561160	RES.	560 OHM +- 5% 1/6W
PC14	RC19		nsp	00MGD05222160	RES.	2.2K OHM +- 5% 1/6W
PC14	RC20		nsp	00MGD05152160	RES.	1.5K OHM +- 5% 1/6W
PC14	RC21		nsp	00MGD05102160	RES.	1K OHM +- 5% 1/6W
PC14	RC22		nsp	00MGD05821160	RES.	820 OHM +- 5% 1/6W
PC14	RC23	/F N	nsp	00MGD05561160	RES.	560 OHM +- 5% 1/6W
PC14	RC23	/N1B	nsp	00MGD05561160	RES.	560 OHM +- 5% 1/6W
PC14	RC23	/N1G	nsp	00MGD05561160	RES.	560 OHM +- 5% 1/6W
PC14	RC23	/N1S	nsp	00MGD05561160	RES.	560 OHM +- 5% 1/6W
PC14	RC24	/U1B	nsp	00MGD05561160	RES.	560 OHM +- 5% 1/6W
PC14	RC24	/U1G	nsp	00MGD05561160	RES.	560 OHM +- 5% 1/6W
PC14	RC25		nsp	00MGD05222160	RES.	2.2K OHM +- 5% 1/6W
PC14	RC26		nsp	00MGD05152160	RES.	1.5K OHM +- 5% 1/6W
PC14	RC27		nsp	00MGD05102160	RES.	1K OHM +- 5% 1/6W
PC14	RC28		nsp	00MGD05821160	RES.	820 OHM +- 5% 1/6W
PC14	RC29		nsp	00MGD05561160	RES.	560 OHM +- 5% 1/6W
PC14	RC33		nsp	00MGD05473160	RES.	47K OHM +- 5% 1/6W
PC14	RCD4		nsp	00MGD05103160	RES.	10K OHM +- 5% 1/6W
PC14	RCD5		nsp	00MGD05103160	RES.	10K OHM +- 5% 1/6W
PC14	RCD9		nsp	00MGD05103160	RES.	10K OHM +- 5% 1/6W
PC14	RCE1		nsp	00MGD05104160	RES.	100K OHM +- 5% 1/6W
PC14	RCE2		nsp	00MGD05104160	RES.	100K OHM +- 5% 1/6W
PC14	RCE3		nsp	00MGD05104160	RES.	100K OHM +- 5% 1/6W
PC14	RCE4		nsp	00MGD05104160	RES.	100K OHM +- 5% 1/6W
PC14	RCE5		nsp	00MGD05472160	RES.	4.7K OHM +- 5% 1/6W
PC14	RCI1		nsp	00MGD05102160	RES.	1K OHM +- 5% 1/6W

NOTE "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS

P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PC14	RCI2		nsp	00MGD05102160	RES.	1K OHM +- 5% 1/6W
PC14	SC01		00MSP01013370	00MSP01013370	PUSH SW	EVQ11L05R H/5MM,160GF
PC14	SC02		00MSP01013370	00MSP01013370	PUSH SW	EVQ11L05R H/5MM,160GF
PC14	SC03		00MSP01013370	00MSP01013370	PUSH SW	EVQ11L05R H/5MM,160GF
PC14	SC04		00MSP01013370	00MSP01013370	PUSH SW	EVQ11L05R H/5MM,160GF
PC14	SC05		00MSP01013370	00MSP01013370	PUSH SW	EVQ11L05R H/5MM,160GF
PC14	SC06		00MSP01013370	00MSP01013370	PUSH SW	EVQ11L05R H/5MM,160GF
PC14	SC07		00MSP01013370	00MSP01013370	PUSH SW	EVQ11L05R H/5MM,160GF
PC14	SC08		00MSP01013370	00MSP01013370	PUSH SW	EVQ11L05R H/5MM,160GF
PC14	SC09		00MSP01013370	00MSP01013370	PUSH SW	EVQ11L05R H/5MM,160GF
PC14	SC10		00MSP01013370	00MSP01013370	PUSH SW	EVQ11L05R H/5MM,160GF
PC14	SC11		00MSP01013370	00MSP01013370	PUSH SW	EVQ11L05R H/5MM,160GF
PC14	SC12		00MSP01013370	00MSP01013370	PUSH SW	EVQ11L05R H/5MM,160GF
PC14	SC13		00MSP01013370	00MSP01013370	PUSH SW	EVQ11L05R H/5MM,160GF
PC14	SC14		00MSP01013370	00MSP01013370	PUSH SW	EVQ11L05R H/5MM,160GF
PC14	SC15		00MSP01013370	00MSP01013370	PUSH SW	EVQ11L05R H/5MM,160GF
PC14	SC16		00MSP01013370	00MSP01013370	PUSH SW	EVQ11L05R H/5MM,160GF
PC14	SC17		00MSP01013370	00MSP01013370	PUSH SW	EVQ11L05R H/5MM,160GF
PC14	SC18		00MSP01013370	00MSP01013370	PUSH SW	EVQ11L05R H/5MM,160GF
PC14	SC19		00MSP01013370	00MSP01013370	PUSH SW	EVQ11L05R H/5MM,160GF
PC14	SC20		00MSP01013370	00MSP01013370	PUSH SW	EVQ11L05R H/5MM,160GF
PC14	SC21		00MSP01013370	00MSP01013370	PUSH SW	EVQ11L05R H/5MM,160GF
PC14	SC22		00MSP01013370	00MSP01013370	PUSH SW	EVQ11L05R H/5MM,160GF
PC14	SC23		00MSP01013370	00MSP01013370	PUSH SW	EVQ11L05R H/5MM,160GF
PC14	SCI1		00MSR02010080	00MSR02010080	ROTARY SW	ROT,ENCOD EC16B 16PLS 16CLICK
PC14	VC01		00MHQ38701920	00MHQ38701920	DISPLAY	MN25664J
					RC-TRANSMITT PWB (00MWA11AJ402-)	
PC24	DC50		00MHI20006030	00MHI20006030	GAS LED GL-350	SLR-932AV-8K A RANK 5MM P2.5
PC24	DC51		00MHI20006030	00MHI20006030	GAS LED GL-350	SLR-932AV-8K A RANK 5MM P2.5
PC24	DC52		00MHI20006030	00MHI20006030	GAS LED GL-350	SLR-932AV-8K A RANK 5MM P2.5
PC24	DC53		00MHI20006030	00MHI20006030	GAS LED GL-350	SLR-932AV-8K A RANK 5MM P2.5
PC24	QC50		00MHT30001000	00MHT30001000	TRS.	C2458,C1740S,C3199,ETC.
PC24	QC51		00MHT321201A0	00MHT321201A0	TRS.	2SC2120 O
PC24	QC52		00MHT321201A0	00MHT321201A0	TRS.	2SC2120 O
PC24	RC56		nsp	00MGD05152160	RES.	1.5K OHM +- 5% 1/6W
PC24	RC57		nsp	00MGD05152160	RES.	1.5K OHM +- 5% 1/6W
					CONNECTION 1(FL CPU) PWB (00MWG12AJ503-)	
PC34	CC80		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PC34	CC81		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PC34	CC82		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
PC34	CC85		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
PC34	CC86		nsp	00MDK98474200	CER. CAP.	GRM39F474Z16PT 0.47UF F 16V
PC34	CC87		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
PC34	CC88		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
PC34	CC89		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
PC34	CC90		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
PC34	CC91		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
PC34	CC95		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PC34	CC97		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PC34	CCA1		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PC34	CCA2		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PC34	CCA3		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PC34	CCA4		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PC34	QC80		90M-HS11AJH0R	90M-HS11AJH0R	U-PRO	HD64F2398F20 MCU (PROG.00M11AJ499C00)
PC34	RC71		nsp	00MNN05100610	CHIP RES.	10 OHM +- 5% 1/16W
PC34	RC72		nsp	00MNN05100610	CHIP RES.	10 OHM +- 5% 1/16W
PC34	RC73		nsp	00MNN05100610	CHIP RES.	10 OHM +- 5% 1/16W
PC34	RC74		nsp	00MNN05100610	CHIP RES.	10 OHM +- 5% 1/16W
PC34	RC75		nsp	00MNN05100610	CHIP RES.	10 OHM +- 5% 1/16W
PC34	RC76		nsp	00MNN05100610	CHIP RES.	10 OHM +- 5% 1/16W
PC34	RC77		nsp	00MNN05100610	CHIP RES.	10 OHM +- 5% 1/16W
PC34	RC80		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PC34	RC81		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PC34	RC82		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PC34	RC83		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PC34	RC85		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PC34	RC86		nsp	00MNN05104610	CHIP RES.	100K OHM +- 5% 1/16W

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PC34	RC94		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PC34	RC95		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PC34	RC96		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PC34	RC97		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PC34	RC98		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PC34	XC80		00MFQ02005070	00MFQ02005070	CER. VIB.	CSTCE20M0V53-R0
					STANDBY PWB (00MWA11AJ405-)	
PC54	SC24	/U1B	nsp	00MSP01013370	PUSH SW	EVQ11L05R H/5MM,160GF
PC54	SC24	/U1G	nsp	00MSP01013370	PUSH SW	EVQ11L05R H/5MM,160GF
					GYRO PWB (00MWA11AJ406-)	
PC64	RCG1		nsp	00MGD05102160	RES.	1K OHM +- 5% 1/6W
PC64	RCG2		nsp	00MGD05102160	RES.	1K OHM +- 5% 1/6W
PC64	SCG1		00MSR02010130	00MSR02010130	ROTARY SW	EC12E2420802
					MIC PWB (00MWA11AJ408-)	
PC84	JCM1		00MYJ01004710	00MYJ01004710	JACK	HEADPHONE JACK YKB21-5144
PC84	RCM3		nsp	00MGD05101160	RES.	100 OHM +- 5% 1/6W
					DAC,VOL PWB (00MWG12AJ701-)	
PD14	CD02		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PD14	CD14		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PD14	CD26		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PD14	CD38		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PD14	CD50		nsp	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
PD14	CD51		nsp	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
PD14	CD52		nsp	00MOA10602520	ELECT. CAP.	10 UF M 25V RA-2
PD14	CD53		nsp	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
PD14	CD58		nsp	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
PD14	CD59		nsp	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
PD14	CD60		nsp	00MOA10602520	ELECT. CAP.	10 UF M 25V RA-2
PD14	CD61		nsp	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
PD14	CD66		nsp	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
PD14	CD67		nsp	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
PD14	CD68		nsp	00MOA10602520	ELECT. CAP.	10 UF M 25V RA-2
PD14	CD69		nsp	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
PD14	CD74		nsp	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
PD14	CD75		nsp	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
PD14	CD76		nsp	00MOA10602520	ELECT. CAP.	10 UF M 25V RA-2
PD14	CD77		nsp	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
PD14	CE01		00MOF15182540	00MOF15182540	FILM CAP.	APSV 182J 1800PF(TP) 100V PP
PD14	CE02		00MOF15182540	00MOF15182540	FILM CAP.	APSV 182J 1800PF(TP) 100V PP
PD14	CE03		00MOF15182540	00MOF15182540	FILM CAP.	APSV 182J 1800PF(TP) 100V PP
PD14	CE04		00MOF15182540	00MOF15182540	FILM CAP.	APSV 182J 1800PF(TP) 100V PP
PD14	CE08		nsp	00MDD95471300	CER. CAP.	GRM39CH471J50PT
PD14	CE09		00MOF15182540	00MOF15182540	FILM CAP.	APSV 182J 1800PF(TP) 100V PP
PD14	CE10		00MOF15182540	00MOF15182540	FILM CAP.	APSV 182J 1800PF(TP) 100V PP
PD14	CE11		00MOF15182540	00MOF15182540	FILM CAP.	APSV 182J 1800PF(TP) 100V PP
PD14	CE12		00MOF15182540	00MOF15182540	FILM CAP.	APSV 182J 1800PF(TP) 100V PP
PD14	CE16		nsp	00MDD95471300	CER. CAP.	GRM39CH471J50PT
PD14	CE20		nsp	00MOA22602520	ELECT. CAP.	22 UF M 25V RA-2
PD14	CE21		nsp	00MOA22602520	ELECT. CAP.	22 UF M 25V RA-2
PD14	CE24		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PD14	CE25		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PD14	CE26		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PD14	CE27		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PD14	CE28		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PD14	CE29		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PD14	CE30		nsp	00MOA22602520	ELECT. CAP.	22 UF M 25V RA-2
PD14	CE31		nsp	00MOA22602520	ELECT. CAP.	22 UF M 25V RA-2
PD14	CE34		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PD14	CE35		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PD14	CE36		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PD14	CE37		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PD14	CE38		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PD14	CE39		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PD14	CE44		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PD14	CE45		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PD14	CE54		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PD14	CE55		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PD14	CE60		00MOA226025R0	00MOA226025R0	ELECT. CAP.	ROA-25V 220M - F3#PE - T2 (22UF 25V)
PD14	CE61		00MOA226025R0	00MOA226025R0	ELECT. CAP.	ROA-25V 220M - F3#PE - T2 (22UF 25V)
PD14	CE62		00MOA226025R0	00MOA226025R0	ELECT. CAP.	ROA-25V 220M - F3#PE - T2 (22UF 25V)
PD14	CE63		00MOA226025R0	00MOA226025R0	ELECT. CAP.	ROA-25V 220M - F3#PE - T2 (22UF 25V)
PD14	CE64		nsp	00MOA22602520	ELECT. CAP.	22 UF M 25V RA-2
PD14	CE65		nsp	00MOA22602520	ELECT. CAP.	22 UF M 25V RA-2
PD14	CE66		nsp	00MOA22602520	ELECT. CAP.	22 UF M 25V RA-2
PD14	CE67		nsp	00MOA22602520	ELECT. CAP.	22 UF M 25V RA-2
PD14	CE68		00MOF15221540	00MOF15221540	FILM CAP.	APSV 221J,220PF(TP) 100V PP
PD14	CE69		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PD14	CE70		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PD14	CE71		00MOF15221540	00MOF15221540	FILM CAP.	APSV 221J,220PF(TP) 100V PP
PD14	CE72		00MOF15221540	00MOF15221540	FILM CAP.	APSV 221J,220PF(TP) 100V PP
PD14	CE73		00MOF15221540	00MOF15221540	FILM CAP.	APSV 221J,220PF(TP) 100V PP
PD14	CE74		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PD14	CE75		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PD14	CE85		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PD14	CE86		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PD14	CG01		00MOF15182540	00MOF15182540	FILM CAP.	APSV 182J 1800PF(TP) 100V PP
PD14	CG02		00MOF15182540	00MOF15182540	FILM CAP.	APSV 182J 1800PF(TP) 100V PP
PD14	CG03		00MOF15182540	00MOF15182540	FILM CAP.	APSV 182J 1800PF(TP) 100V PP
PD14	CG04		00MOF15182540	00MOF15182540	FILM CAP.	APSV 182J 1800PF(TP) 100V PP
PD14	CG08		nsp	00MDD95471300	CER. CAP.	GRM39CH471J50PT
PD14	CG09		00MOF15182540	00MOF15182540	FILM CAP.	APSV 182J 1800PF(TP) 100V PP
PD14	CG10		00MOF15182540	00MOF15182540	FILM CAP.	APSV 182J 1800PF(TP) 100V PP
PD14	CG11		00MOF15182540	00MOF15182540	FILM CAP.	APSV 182J 1800PF(TP) 100V PP
PD14	CG12		00MOF15182540	00MOF15182540	FILM CAP.	APSV 182J 1800PF(TP) 100V PP
PD14	CG16		nsp	00MDD95471300	CER. CAP.	GRM39CH471J50PT
PD14	CG20		nsp	00MOA22602520	ELECT. CAP.	22 UF M 25V RA-2
PD14	CG21		nsp	00MOA22602520	ELECT. CAP.	22 UF M 25V RA-2
PD14	CG24		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PD14	CG25		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PD14	CG26		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PD14	CG27		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PD14	CG28		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PD14	CG29		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PD14	CG30		nsp	00MOA22602520	ELECT. CAP.	22 UF M 25V RA-2
PD14	CG31		nsp	00MOA22602520	ELECT. CAP.	22 UF M 25V RA-2
PD14	CG34		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PD14	CG35		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PD14	CG36		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PD14	CG37		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PD14	CG38		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PD14	CG39		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PD14	CG44		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PD14	CG45		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PD14	CG54		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PD14	CG55		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PD14	CG60		nsp	00MOA22602520	ELECT. CAP.	22 UF M 25V RA-2
PD14	CG61		nsp	00MOA22602520	ELECT. CAP.	22 UF M 25V RA-2
PD14	CG62		nsp	00MOA22602520	ELECT. CAP.	22 UF M 25V RA-2
PD14	CG63		nsp	00MOA22602520	ELECT. CAP.	22 UF M 25V RA-2
PD14	CG64		nsp	00MOA22602520	ELECT. CAP.	22 UF M 25V RA-2
PD14	CG65		00MOA226025R0	00MOA226025R0	ELECT. CAP.	ROA-25V 220M - F3#PE - T2 (22UF 25V)
PD14	CG66		nsp	00MOA22602520	ELECT. CAP.	22 UF M 25V RA-2
PD14	CG67		00MOA226025R0	00MOA226025R0	ELECT. CAP.	ROA-25V 220M - F3#PE - T2 (22UF 25V)
PD14	CG68		00MOF15221540	00MOF15221540	FILM CAP.	APSV 221J,220PF(TP) 100V PP
PD14	CG69		00MOF15221540	00MOF15221540	FILM CAP.	APSV 221J,220PF(TP) 100V PP
PD14	CG71		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PD14	CG72		00MOF15221540	00MOF15221540	FILM CAP.	APSV 221J,220PF(TP) 100V PP
PD14	CG73		00MOF15221540	00MOF15221540	FILM CAP.	APSV 221J,220PF(TP) 100V PP
PD14	CG74		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PD14	CG75		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PD14	CH01		00MOF15102540	00MOF15102540	FILM CAP.	1000PF J 100V APSV
PD14	CH02		00MOF15102540	00MOF15102540	FILM CAP.	1000PF J 100V APSV
PD14	CH03		00MOF15102540	00MOF15102540	FILM CAP.	1000PF J 100V APSV
PD14	CH04		00MOF15102540	00MOF15102540	FILM CAP.	1000PF J 100V APSV

NOTE "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS

P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PD14	CH05		00MOF15331540	00MOF15331540	FILM CAP.	APSV 331J,330PF(TP) 100V PP
PD14	CH06		00MOF15331540	00MOF15331540	FILM CAP.	APSV 331J,330PF(TP) 100V PP
PD14	CH07		00MOF15331540	00MOF15331540	FILM CAP.	APSV 331J,330PF(TP) 100V PP
PD14	CH08		00MOF15331540	00MOF15331540	FILM CAP.	APSV 331J,330PF(TP) 100V PP
PD14	CH13		00MOF15102540	00MOF15102540	FILM CAP.	1000PF J 100V APSV
PD14	CH14		00MOF15102540	00MOF15102540	FILM CAP.	1000PF J 100V APSV
PD14	CH31		00MOF15102540	00MOF15102540	FILM CAP.	1000PF J 100V APSV
PD14	CH32		00MOF15102540	00MOF15102540	FILM CAP.	1000PF J 100V APSV
PD14	CH33		00MOF15102540	00MOF15102540	FILM CAP.	1000PF J 100V APSV
PD14	CH34		00MOF15102540	00MOF15102540	FILM CAP.	1000PF J 100V APSV
PD14	CH35		00MOF15331540	00MOF15331540	FILM CAP.	APSV 331J,330PF(TP) 100V PP
PD14	CH36		00MOF15331540	00MOF15331540	FILM CAP.	APSV 331J,330PF(TP) 100V PP
PD14	CH37		00MOF15331540	00MOF15331540	FILM CAP.	APSV 331J,330PF(TP) 100V PP
PD14	CH38		00MOF15331540	00MOF15331540	FILM CAP.	APSV 331J,330PF(TP) 100V PP
PD14	CH43		00MOF15102540	00MOF15102540	FILM CAP.	1000PF J 100V APSV
PD14	CH44		00MOF15102540	00MOF15102540	FILM CAP.	1000PF J 100V APSV
PD14	CH61		nsp	00MOA22602520	ELECT. CAP.	22 UF M 25V RA-2
PD14	CH64		nsp	00MOA22602520	ELECT. CAP.	22 UF M 25V RA-2
PD14	CH65		nsp	00MOA22602520	ELECT. CAP.	22 UF M 25V RA-2
PD14	CH68		nsp	00MOA22602520	ELECT. CAP.	22 UF M 25V RA-2
PD14	CI60		nsp	00MOA47701620	ELECT. CAP.	470UF 16V M RA-2
PD14	CI61		nsp	00MOA47701620	ELECT. CAP.	470UF 16V M RA-2
PD14	CI62		nsp	00MOA47701620	ELECT. CAP.	470UF 16V M RA-2
PD14	CI63		nsp	00MOA47701620	ELECT. CAP.	470UF 16V M RA-2
PD14	CI64		nsp	00MOA47701620	ELECT. CAP.	470UF 16V M RA-2
PD14	CI65		nsp	00MOA47701620	ELECT. CAP.	470UF 16V M RA-2
PD14	CI66		nsp	00MOA47701620	ELECT. CAP.	470UF 16V M RA-2
PD14	CI67		nsp	00MOA47701620	ELECT. CAP.	470UF 16V M RA-2
PD14	CJ01		00MOF15102540	00MOF15102540	FILM CAP.	1000PF J 100V APSV
PD14	CJ02		00MOF15102540	00MOF15102540	FILM CAP.	1000PF J 100V APSV
PD14	CJ03		00MOF15102540	00MOF15102540	FILM CAP.	1000PF J 100V APSV
PD14	CJ04		00MOF15102540	00MOF15102540	FILM CAP.	1000PF J 100V APSV
PD14	CJ05		00MOF15331540	00MOF15331540	FILM CAP.	APSV 331J,330PF(TP) 100V PP
PD14	CJ06		00MOF15331540	00MOF15331540	FILM CAP.	APSV 331J,330PF(TP) 100V PP
PD14	CJ07		00MOF15331540	00MOF15331540	FILM CAP.	APSV 331J,330PF(TP) 100V PP
PD14	CJ08		00MOF15331540	00MOF15331540	FILM CAP.	APSV 331J,330PF(TP) 100V PP
PD14	CJ13		00MOF15102540	00MOF15102540	FILM CAP.	1000PF J 100V APSV
PD14	CJ14		00MOF15102540	00MOF15102540	FILM CAP.	1000PF J 100V APSV
PD14	CJ31		00MOF15102540	00MOF15102540	FILM CAP.	1000PF J 100V APSV
PD14	CJ32		00MOF15102540	00MOF15102540	FILM CAP.	1000PF J 100V APSV
PD14	CJ33		00MOF15102540	00MOF15102540	FILM CAP.	1000PF J 100V APSV
PD14	CJ34		00MOF15102540	00MOF15102540	FILM CAP.	1000PF J 100V APSV
PD14	CJ35		00MOF15331540	00MOF15331540	FILM CAP.	APSV 331J,330PF(TP) 100V PP
PD14	CJ36		00MOF15331540	00MOF15331540	FILM CAP.	APSV 331J,330PF(TP) 100V PP
PD14	CJ37		00MOF15331540	00MOF15331540	FILM CAP.	APSV 331J,330PF(TP) 100V PP
PD14	CJ38		00MOF15331540	00MOF15331540	FILM CAP.	APSV 331J,330PF(TP) 100V PP
PD14	CJ43		00MOF15102540	00MOF15102540	FILM CAP.	1000PF J 100V APSV
PD14	CJ44		00MOF15102540	00MOF15102540	FILM CAP.	1000PF J 100V APSV
PD14	CJ61		nsp	00MOA22602520	ELECT. CAP.	22 UF M 25V RA-2
PD14	CJ64		nsp	00MOA22602520	ELECT. CAP.	22 UF M 25V RA-2
PD14	CJ65		nsp	00MOA22602520	ELECT. CAP.	22 UF M 25V RA-2
PD14	CJ68		nsp	00MOA22602520	ELECT. CAP.	22 UF M 25V RA-2
PD14	CM76		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PD14	CM77		00MOF15221540	00MOF15221540	FILM CAP.	APSV 221J,220PF(TP) 100V PP
PD14	CM78		00MOF15221540	00MOF15221540	FILM CAP.	APSV 221J,220PF(TP) 100V PP
PD14	CM79		00MOF15221540	00MOF15221540	FILM CAP.	APSV 221J,220PF(TP) 100V PP
PD14	CM80		00MOF15221540	00MOF15221540	FILM CAP.	APSV 221J,220PF(TP) 100V PP
PD14	CQ03		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PD14	CQ06		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PD14	CQ07		nsp	00MDD95220300	CER. CAP.	22 PF +- 5 % CG 50V GR39
PD14	CQ08		nsp	00MDD95220300	CER. CAP.	22 PF +- 5 % CG 50V GR39
PD14	CQ11		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PD14	CQ12		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PD14	CQ13		nsp	00MDD95220300	CER. CAP.	22 PF +- 5 % CG 50V GR39
PD14	CQ14		nsp	00MDD95220300	CER. CAP.	22 PF +- 5 % CG 50V GR39
PD14	CQ17		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PD14	CQ18		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PD14	CQ19		nsp	00MDD95220300	CER. CAP.	22 PF +- 5 % CG 50V GR39
PD14	CQ20		nsp	00MDD95220300	CER. CAP.	22 PF +- 5 % CG 50V GR39
PD14	CQ23		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PD14	CQ24		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PD14	CQ25		nsp	00MDD95220300	CER. CAP.	22 PF +- 5 % CG 50V GR39
PD14	CQ26		nsp	00MDD95220300	CER. CAP.	22 PF +- 5 % CG 50V GR39
PD14	CQ29		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PD14	CQ30		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PD14	CQ31		nsp	00MOA47605020	ELECT. CAP.	47 UF M 50V RA-2
PD14	CQ32		nsp	00MOA47605020	ELECT. CAP.	47 UF M 50V RA-2
PD14	CQ33		nsp	00MOA47605020	ELECT. CAP.	47 UF M 50V RA-2
PD14	CQ34		nsp	00MOA47605020	ELECT. CAP.	47 UF M 50V RA-2
PD14	CQ35		nsp	00MOA47605020	ELECT. CAP.	47 UF M 50V RA-2
PD14	CQ36		nsp	00MOA47605020	ELECT. CAP.	47 UF M 50V RA-2
PD14	CQ37		nsp	00MOA47605020	ELECT. CAP.	47 UF M 50V RA-2
PD14	CQ38		nsp	00MOA47605020	ELECT. CAP.	47 UF M 50V RA-2
PD14	CQ39		nsp	00MOA47605020	ELECT. CAP.	47 UF M 50V RA-2
PD14	CQ40		nsp	00MOA47605020	ELECT. CAP.	47 UF M 50V RA-2
PD14	CQ41		nsp	00MOA47605020	ELECT. CAP.	47 UF M 50V RA-2
PD14	CQ42		nsp	00MOA47605020	ELECT. CAP.	47 UF M 50V RA-2
PD14	CQ43		nsp	00MOA47605020	ELECT. CAP.	47 UF M 50V RA-2
PD14	CQ44		nsp	00MOA47605020	ELECT. CAP.	47 UF M 50V RA-2
PD14	CQ45		nsp	00MOA47605020	ELECT. CAP.	47 UF M 50V RA-2
PD14	CQ46		nsp	00MOA47605020	ELECT. CAP.	47 UF M 50V RA-2
PD14	CQ47		00MOF15681540	00MOF15681540	FILM CAP.	APSV 680PF J
PD14	CQ48		00MOF15681540	00MOF15681540	FILM CAP.	APSV 680PF J
PD14	CQ49		00MOF15681540	00MOF15681540	FILM CAP.	APSV 680PF J
PD14	CQ50		00MOF15681540	00MOF15681540	FILM CAP.	APSV 680PF J
PD14	CQ51		00MOF15681540	00MOF15681540	FILM CAP.	APSV 680PF J
PD14	CQ52		00MOF15681540	00MOF15681540	FILM CAP.	APSV 680PF J
PD14	CQ53		00MOF15681540	00MOF15681540	FILM CAP.	APSV 680PF J
PD14	CQ54		00MOF15681540	00MOF15681540	FILM CAP.	APSV 680PF J
PD14	DE01		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DE02		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DE03		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DE04		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DE05		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DE06		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DE07		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DE08		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DE09		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DE10		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DE11		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DE12		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DE13		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DE14		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DE15		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DE16		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DE17		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DE18		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DE19		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DE20		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DG01		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DG02		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DG03		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DG04		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DG05		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DG06		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DG07		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DG08		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DG09		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DG10		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DG11		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DG12		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DG13		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DG14		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DG15		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PD14	DG16		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DG17		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DG18		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DG19		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DG20		00MHZ20018050	00MHZ20018050	CHIP DIODE	1SS302
PD14	DY09		00MHZ21005000	00MHZ21005000	CHIP DIODE	1SS301,DAN202U UMT TYPE
PD14	DY10		00MHZ21005000	00MHZ21005000	CHIP DIODE	1SS301,DAN202U UMT TYPE
PD14	JE01		00MYT02060720	00MYT02060720	TERMINAL	2L6P 14X14 BLK/AU B/CIRCUIT
PD14	JE02		00MYT02060720	00MYT02060720	TERMINAL	2L6P 14X14 BLK/AU B/CIRCUIT
PD14	JG01		00MYT02011750	00MYT02011750	TERMINAL	YKC21-3479N 1L1P FG AU
PD14	JG02		00MYT02041330	00MYT02041330	TERMINAL	YKC21-3601 2L4P FG BK AU
PD14	JM05		00MYT02041280	00MYT02041280	TERMINAL	14X14 RA 2L4 WH+RE AU F-FROUND
PD14	JQ04		00MYT02060720	00MYT02060720	TERMINAL	2L6P 14X14 BLK/AU B/CIRCUIT
PD14	LE01		00MLY20240480	00MLY20240480	RELAY	MR82-24USR
PD14	LE02		00MLY20240480	00MLY20240480	RELAY	MR82-24USR
PD14	LG01		00MLY20240480	00MLY20240480	RELAY	MR82-24USR
PD14	LG02		00MLY20240480	00MLY20240480	RELAY	MR82-24USR
PD14	LM01		00MLY20240480	00MLY20240480	RELAY	MR82-24USR
PD14	QD01		00MHC10024880	00MHC10024880	IC	CS4397-KSZ(PB FREE)
PD14	QD03		00MHC10024880	00MHC10024880	IC	CS4397-KSZ(PB FREE)
PD14	QD05		00MHC10024880	00MHC10024880	IC	CS4397-KSZ(PB FREE)
PD14	QD07		00MHC10024880	00MHC10024880	IC	CS4397-KSZ(PB FREE)
PD14	QD11		00MHC008205K0	00MHC008205K0	IC	TC74VHC08FT
PD14	QD12		00MHC008205K0	00MHC008205K0	IC	TC74VHC08FT
PD14	QE01		00MHC10016640	00MHC10016640	IC	YAC526-EZE2
PD14	QE02		00MHC10016640	00MHC10016640	IC	YAC526-EZE2
PD14	QE03		00MKH04AJ1020	00MKH04AJ1020	UNIT & H-IC	HDAM-SA2 MODULE WITHOUT COATING
PD14	QE04		00MKH04AJ1020	00MKH04AJ1020	UNIT & H-IC	HDAM-SA2 MODULE WITHOUT COATING
PD14	QE05		00MHX600082A0	00MHX600082A0	CHIP TRS.	KTA701U-Y/GR-RTK/P PNPX2
PD14	QE06		00MHX600082A0	00MHX600082A0	CHIP TRS.	KTA701U-Y/GR-RTK/P PNPX2
PD14	QE07		00MHX800082A0	00MHX800082A0	CHIP TRS.	KTC801U-Y/GR-RTK/P NPNX2
PD14	QE08		00MHX800082A0	00MHX800082A0	CHIP TRS.	KTC801U-Y/GR-RTK/P NPNX2
PD14	QE09		00MHX600081A0	00MHX600081A0	CHIP TRS.	KTA1517S-GR
PD14	QE10		00MHX600081A0	00MHX600081A0	CHIP TRS.	KTA1517S-GR
PD14	QE11		00MHX800081A0	00MHX800081A0	CHIP TRS.	KTC3911S-GR
PD14	QE12		00MHX800081A0	00MHX800081A0	CHIP TRS.	KTC3911S-GR
PD14	QE13		00MKH04AJ1020	00MKH04AJ1020	UNIT & H-IC	HDAM-SA2 MODULE WITHOUT COATING
PD14	QE14		00MKH04AJ1020	00MKH04AJ1020	UNIT & H-IC	HDAM-SA2 MODULE WITHOUT COATING
PD14	QE15		00MKH04AJ1020	00MKH04AJ1020	UNIT & H-IC	HDAM-SA2 MODULE WITHOUT COATING
PD14	QE16		00MKH04AJ1020	00MKH04AJ1020	UNIT & H-IC	HDAM-SA2 MODULE WITHOUT COATING
PD14	QE17		00MHX600082A0	00MHX600082A0	CHIP TRS.	KTA701U-Y/GR-RTK/P PNPX2
PD14	QE18		00MHX600082A0	00MHX600082A0	CHIP TRS.	KTA701U-Y/GR-RTK/P PNPX2
PD14	QE19		00MHX800082A0	00MHX800082A0	CHIP TRS.	KTC801U-Y/GR-RTK/P NPNX2
PD14	QE20		00MHX800082A0	00MHX800082A0	CHIP TRS.	KTC801U-Y/GR-RTK/P NPNX2
PD14	QE21		00MHX600081A0	00MHX600081A0	CHIP TRS.	KTA1517S-GR
PD14	QE22		00MHX600081A0	00MHX600081A0	CHIP TRS.	KTA1517S-GR
PD14	QE23		00MHX800081A0	00MHX800081A0	CHIP TRS.	KTC3911S-GR
PD14	QE24		00MHX800081A0	00MHX800081A0	CHIP TRS.	KTC3911S-GR
PD14	QE25		00MKH04AJ1020	00MKH04AJ1020	UNIT & H-IC	HDAM-SA2 MODULE WITHOUT COATING
PD14	QE26		00MKH04AJ1020	00MKH04AJ1020	UNIT & H-IC	HDAM-SA2 MODULE WITHOUT COATING
PD14	QE27		00MBA20016050	00MBA20016050	TRS.	HN1C03F(B)(NPNX2(MUTING))
PD14	QE28		00MBA20016050	00MBA20016050	TRS.	HN1C03F(B)(NPNX2(MUTING))
PD14	QE30		00MBA20016050	00MBA20016050	TRS.	HN1C03F(B)(NPNX2(MUTING))
PD14	QE31		00MBA20016050	00MBA20016050	TRS.	HN1C03F(B)(NPNX2(MUTING))
PD14	QG01		00MHC10016640	00MHC10016640	IC	YAC526-EZE2
PD14	QG02		00MHC10016640	00MHC10016640	IC	YAC526-EZE2
PD14	QG03		00MKH04AJ1020	00MKH04AJ1020	UNIT & H-IC	HDAM-SA2 MODULE WITHOUT COATING
PD14	QG04		00MKH04AJ1020	00MKH04AJ1020	UNIT & H-IC	HDAM-SA2 MODULE WITHOUT COATING
PD14	QG05		00MHX600082A0	00MHX600082A0	CHIP TRS.	KTA701U-Y/GR-RTK/P PNPX2
PD14	QG06		00MHX600082A0	00MHX600082A0	CHIP TRS.	KTA701U-Y/GR-RTK/P PNPX2
PD14	QG07		00MHX800082A0	00MHX800082A0	CHIP TRS.	KTC801U-Y/GR-RTK/P NPNX2
PD14	QG08		00MHX800082A0	00MHX800082A0	CHIP TRS.	KTC801U-Y/GR-RTK/P NPNX2
PD14	QG09		00MHX600081A0	00MHX600081A0	CHIP TRS.	KTA1517S-GR
PD14	QG10		00MHX600081A0	00MHX600081A0	CHIP TRS.	KTA1517S-GR
PD14	QG11		00MHX800081A0	00MHX800081A0	CHIP TRS.	KTC3911S-GR
PD14	QG12		00MHX800081A0	00MHX800081A0	CHIP TRS.	KTC3911S-GR
PD14	QG13		00MKH04AJ1020	00MKH04AJ1020	UNIT & H-IC	HDAM-SA2 MODULE WITHOUT COATING

NOTE "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS

P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PD14	QG14		00MKH04AJ1020	00MKH04AJ1020	UNIT & H-IC	HDAM-SA2 MODULE WITHOUT COATING
PD14	QG15		00MKH04AJ1020	00MKH04AJ1020	UNIT & H-IC	HDAM-SA2 MODULE WITHOUT COATING
PD14	QG16		00MKH04AJ1020	00MKH04AJ1020	UNIT & H-IC	HDAM-SA2 MODULE WITHOUT COATING
PD14	QG17		00MHX600082A0	00MHX600082A0	CHIP TRS.	KTA701U-Y/GR-RTK/P PNPX2
PD14	QG18		00MHX600082A0	00MHX600082A0	CHIP TRS.	KTA701U-Y/GR-RTK/P PNPX2
PD14	QG19		00MHX800082A0	00MHX800082A0	CHIP TRS.	KTC801U-Y/GR-RTK/P NPNX2
PD14	QG20		00MHX800082A0	00MHX800082A0	CHIP TRS.	KTC801U-Y/GR-RTK/P NPNX2
PD14	QG21		00MHX600081A0	00MHX600081A0	CHIP TRS.	KTA1517S-GR
PD14	QG22		00MHX600081A0	00MHX600081A0	CHIP TRS.	KTA1517S-GR
PD14	QG23		00MHX800081A0	00MHX800081A0	CHIP TRS.	KTC3911S-GR
PD14	QG24		00MHX800081A0	00MHX800081A0	CHIP TRS.	KTC3911S-GR
PD14	QG25		00MKH04AJ1020	00MKH04AJ1020	UNIT & H-IC	HDAM-SA2 MODULE WITHOUT COATING
PD14	QG26		00MKH04AJ1020	00MKH04AJ1020	UNIT & H-IC	HDAM-SA2 MODULE WITHOUT COATING
PD14	QG27		00MBA20016050	00MBA20016050	TRS.	HN1C03F(B)(NPNX2(MUTING))
PD14	QG28		00MBA20016050	00MBA20016050	TRS.	HN1C03F(B)(NPNX2(MUTING))
PD14	QG30		00MBA20016050	00MBA20016050	TRS.	HN1C03F(B)(NPNX2(MUTING))
PD14	QG31		00MBA20016050	00MBA20016050	TRS.	HN1C03F(B)(NPNX2(MUTING))
PD14	QH01		00MHC10102090	00MHC10102090	IC	NJM2068M-TE1
PD14	QH03		00MHC10102090	00MHC10102090	IC	NJM2068M-TE1
PD14	QJ01		00MHC10102090	00MHC10102090	IC	NJM2068M-TE1
PD14	QJ03		00MHC10102090	00MHC10102090	IC	NJM2068M-TE1
PD14	QM19		00MHC10238090	00MHC10238090	IC	NJU7313AM-TE1
PD14	QQ01		00MHC10151090	00MHC10151090	IC	NJU7311AM-TE1
PD14	QQ02		00MHC10151090	00MHC10151090	IC	NJU7311AM-TE1
PD14	QQ03		00MHC10102090	00MHC10102090	IC	NJM2068M-TE1
PD14	QQ04		00MHC10102090	00MHC10102090	IC	NJM2068M-TE1
PD14	QQ05		00MHC10102090	00MHC10102090	IC	NJM2068M-TE1
PD14	QQ06		00MHC10102090	00MHC10102090	IC	NJM2068M-TE1
PD14	QY19		00MBA20021210	00MBA20021210	TRS.	DTC144EC
PD14	QY20		00MHT108172B0	00MHT108172B0	TRS.	2SA817 O OR Y 600MW -300MA
PD14	QY21		00MBA20021210	00MBA20021210	TRS.	DTC144EC
PD14	QY22		00MHT108172B0	00MHT108172B0	TRS.	2SA817 O OR Y 600MW -300MA
PD14	RD01		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PD14	RD02		nsp	00MNN05223610	CHIP RES.	22K OHM +- 5% 1/16W
PD14	RD05		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PD14	RD06		nsp	00MNN05223610	CHIP RES.	22K OHM +- 5% 1/16W
PD14	RD09		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PD14	RD10		nsp	00MNN05223610	CHIP RES.	22K OHM +- 5% 1/16W
PD14	RD13		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PD14	RD14		nsp	00MNN05223610	CHIP RES.	22K OHM +- 5% 1/16W
PD14	RD17		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RD21		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PD14	RD23		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PD14	RD25		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RD26		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PD14	RD27		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RD31		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PD14	RD35		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PD14	RD41		nsp	00MNN05100610	CHIP RES.	10 OHM +- 5% 1/16W
PD14	RD42		nsp	00MNN05100610	CHIP RES.	10 OHM +- 5% 1/16W
PD14	RD43		nsp	00MNN05100610	CHIP RES.	10 OHM +- 5% 1/16W
PD14	RD44		nsp	00MNN05100610	CHIP RES.	10 OHM +- 5% 1/16W
PD14	RD45		nsp	00MNN05100610	CHIP RES.	10 OHM +- 5% 1/16W
PD14	RD46		nsp	00MNN05100610	CHIP RES.	10 OHM +- 5% 1/16W
PD14	RD47		nsp	00MNN05100610	CHIP RES.	10 OHM +- 5% 1/16W
PD14	RE01		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RE02		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RE03		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PD14	RE04		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PD14	RE05		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PD14	RE06		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PD14	RE07		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RE10		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RE11		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PD14	RE12		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RE13		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RE14		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PD14	RE15		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PD14	RE16		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PD14	RE17		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PD14	RE22		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PD14	RE23		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PD14	RE24		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PD14	RE25		nsp	00MNN05681610	CHIP RES.	680 OHM +- 5% 1/16W
PD14	RE26		nsp	00MNN05681610	CHIP RES.	680 OHM +- 5% 1/16W
PD14	RE27		nsp	00MNN05681610	CHIP RES.	680 OHM +- 5% 1/16W
PD14	RE28		nsp	00MNN05681610	CHIP RES.	680 OHM +- 5% 1/16W
PD14	RE29		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RE30		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RE31		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RE32		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RE33		nsp	00MNN05821610	CHIP RES.	820 OHM +- 5% 1/16W
PD14	RE34		nsp	00MNN05821610	CHIP RES.	820 OHM +- 5% 1/16W
PD14	RE35		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RE36		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RE37		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RE38		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RE39		nsp	00MNN05333610	CHIP RES.	33K OHM +- 5% 1/16W
PD14	RE40		nsp	00MNN05333610	CHIP RES.	33K OHM +- 5% 1/16W
PD14	RE41		nsp	00MNN05474610	CHIP RES.	470K OHM +- 5% 1/16W
PD14	RE42		nsp	00MNN05474610	CHIP RES.	470K OHM +- 5% 1/16W
PD14	RE43		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RE44		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RE45		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PD14	RE46		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PD14	RE47		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PD14	RE48		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PD14	RE49		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RE50		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RE51		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RE52		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RE53		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RE54		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RE55		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RE56		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RE57		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PD14	RE58		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PD14	RE59		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RE60		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RE61		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RE62		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RE63		nsp	00MNN05333610	CHIP RES.	33K OHM +- 5% 1/16W
PD14	RE64		nsp	00MNN05333610	CHIP RES.	33K OHM +- 5% 1/16W
PD14	RE65		nsp	00MNN05474610	CHIP RES.	470K OHM +- 5% 1/16W
PD14	RE66		nsp	00MNN05474610	CHIP RES.	470K OHM +- 5% 1/16W
PD14	RE67		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RE68		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RE69		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PD14	RE70		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PD14	RE71		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PD14	RE72		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PD14	RE73		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PD14	RE74		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PD14	RE75		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PD14	RE76		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PD14	RE77		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PD14	RE78		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
PD14	RE79		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
PD14	RE80		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PD14	RE81		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PD14	RE82		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PD14	RE83		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PD14	RE84		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PD14	RE85		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PD14	RE86		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PD14	RE87		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
PD14	RE88		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
PD14	RE89		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RE93		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RE95		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PD14	RE96		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PD14	RE97		nsp	00MNN05122610	CHIP RES.	1.2K OHM +- 5% 1/16W
PD14	RE98		nsp	00MNN05122610	CHIP RES.	1.2K OHM +- 5% 1/16W
PD14	REA1		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	REA2		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	REC1		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PD14	REC2		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PD14	REC3		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PD14	RG01		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RG02		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RG03		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PD14	RG04		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PD14	RG05		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PD14	RG06		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PD14	RG11		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PD14	RG12		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RG13		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RG14		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PD14	RG15		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PD14	RG16		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PD14	RG17		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PD14	RG22		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PD14	RG23		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PD14	RG24		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PD14	RG25		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RG26		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RG27		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RG28		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RG29		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RG30		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RG31		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RG32		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RG33		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PD14	RG34		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PD14	RG35		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RG36		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RG37		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RG38		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RG39		nsp	00MNN05333610	CHIP RES.	33K OHM +- 5% 1/16W
PD14	RG40		nsp	00MNN05333610	CHIP RES.	33K OHM +- 5% 1/16W
PD14	RG41		nsp	00MNN05474610	CHIP RES.	470K OHM +- 5% 1/16W
PD14	RG42		nsp	00MNN05474610	CHIP RES.	470K OHM +- 5% 1/16W
PD14	RG43		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RG44		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RG45		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PD14	RG46		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PD14	RG47		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PD14	RG48		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PD14	RG49		nsp	00MNN05681610	CHIP RES.	680 OHM +- 5% 1/16W
PD14	RG50		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RG51		nsp	00MNN05681610	CHIP RES.	680 OHM +- 5% 1/16W
PD14	RG52		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RG53		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RG54		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RG55		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RG56		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RG57		nsp	00MNN05821610	CHIP RES.	820 OHM +- 5% 1/16W
PD14	RG58		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PD14	RG59		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RG60		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RG61		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PD14	RG62		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PD14	RG63		nsp	00MNN05333610	CHIP RES.	33K OHM +- 5% 1/16W
PD14	RG64		nsp	00MNN05333610	CHIP RES.	33K OHM +- 5% 1/16W
PD14	RG65		nsp	00MNN05474610	CHIP RES.	470K OHM +- 5% 1/16W
PD14	RG66		nsp	00MNN05474610	CHIP RES.	470K OHM +- 5% 1/16W
PD14	RG67		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RG68		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RG69		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PD14	RG70		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PD14	RG71		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PD14	RG72		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PD14	RG73		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PD14	RG74		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PD14	RG75		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PD14	RG76		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PD14	RG77		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PD14	RG78		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PD14	RG79		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
PD14	RG80		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
PD14	RG81		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PD14	RG82		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PD14	RG83		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PD14	RG84		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PD14	RG85		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PD14	RG86		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PD14	RG87		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PD14	RG88		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
PD14	RG89		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
PD14	RG95		nsp	00MNN05122610	CHIP RES.	1.2K OHM +- 5% 1/16W
PD14	RG96		nsp	00MNN05122610	CHIP RES.	1.2K OHM +- 5% 1/16W
PD14	RG97		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PD14	RG98		nsp	00MNN05122610	CHIP RES.	1.2K OHM +- 5% 1/16W
PD14	RH01		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RH02		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RH03		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RH04		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RH05		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RH06		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RH07		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RH08		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RH09		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RH10		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RH11		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RH12		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RH13		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RH15		nsp	00MNN05104610	CHIP RES.	100K OHM +- 5% 1/16W
PD14	RH25		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PD14	RH26		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PD14	RH42		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RH43		nsp	00MNN05104610	CHIP RES.	100K OHM +- 5% 1/16W
PD14	RH45		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RH46		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RH47		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RH48		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RH49		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RH50		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RH51		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RH52		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RH53		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RH54		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RH55		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RH56		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RH57		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RH59		nsp	00MNN05104610	CHIP RES.	100K OHM +- 5% 1/16W
PD14	RH69		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PD14	RH70		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PD14	RH86		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PD14	RH87		nsp	00MNN05104610	CHIP RES.	100K OHM +- 5% 1/16W
PD14	RI60		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PD14	RI61		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PD14	RI62		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PD14	RI63		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PD14	RI65		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PD14	RI66		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PD14	RI67		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PD14	RI68		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PD14	RI69		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PD14	RI71		00MNK05047120	00MNK05047120	METAL RES.	4.7 OHM +-5% 1/2W ERG12SJW-E
PD14	RI72		00MNK05047120	00MNK05047120	METAL RES.	4.7 OHM +-5% 1/2W ERG12SJW-E
PD14	RJ01		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RJ02		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RJ03		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RJ04		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RJ05		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RJ06		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RJ07		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RJ08		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RJ09		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RJ10		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RJ11		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RJ12		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RJ13		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RJ15		nsp	00MNN05104610	CHIP RES.	100K OHM +- 5% 1/16W
PD14	RJ25		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PD14	RJ26		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PD14	RJ42		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RJ43		nsp	00MNN05104610	CHIP RES.	100K OHM +- 5% 1/16W
PD14	RJ45		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RJ46		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RJ47		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RJ48		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RJ49		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RJ50		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RJ51		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RJ52		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RJ53		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RJ54		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RJ55		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RJ56		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PD14	RJ57		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RJ59		nsp	00MNN05104610	CHIP RES.	100K OHM +- 5% 1/16W
PD14	RJ69		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PD14	RJ70		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PD14	RJ86		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RJ87		nsp	00MNN05104610	CHIP RES.	100K OHM +- 5% 1/16W
PD14	RM90		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
PD14	RM91		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
PD14	RM92		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PD14	RM93		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PD14	RM94		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PD14	RQ02		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PD14	RQ03		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PD14	RQ04		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RQ05		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RQ06		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RQ07		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RQ08		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PD14	RQ09		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PD14	RQ10		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RQ11		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RQ12		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RQ13		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RQ14		nsp	00MNN05331610	CHIP RES.	330 OHM +- 5% 1/16W
PD14	RQ15		nsp	00MNN05331610	CHIP RES.	330 OHM +- 5% 1/16W

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PD14	RQ16		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RQ17		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RQ18		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RQ19		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RQ20		nsp	00MNN05331610	CHIP RES.	330 OHM +- 5% 1/16W
PD14	RQ21		nsp	00MNN05331610	CHIP RES.	330 OHM +- 5% 1/16W
PD14	RQ22		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RQ23		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RQ24		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RQ25		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PD14	RQ26		nsp	00MNN05331610	CHIP RES.	330 OHM +- 5% 1/16W
PD14	RQ27		nsp	00MNN05331610	CHIP RES.	330 OHM +- 5% 1/16W
PD14	RQ28		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PD14	RQ29		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PD14	RQ30		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PD14	RQ31		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PD14	RQ51		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PD14	RQ52		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PD14	RQ53		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PD14	RQ54		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PD14	RQ55		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PD14	RQ56		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PD14	RQ57		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PD14	RQ58		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PD14	RTA1		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PD14	RY30		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PD14	RY31		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PD14	RY32		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PD14	RY34		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PD14	RY35		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PD14	RY36		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PD14	STA1		00MSS01021010	00MSS01021010	SLIDE SW	SSSF12-S06N0 HORIZONTAL N-SHOT
					VIDEO DECODER PWB (00MWG11AJB01-)	
PF14	CF01		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PF14	CF02		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PF14	CF03		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PF14	CF04		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PF14	CF05		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PF14	CF06		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PF14	CF07		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PF14	CF08		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PF14	CF09		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PF14	CF10		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PF14	CF11		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PF14	CF12		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PF14	CF13		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PF14	CF14		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PF14	CF15		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PF14	CF16		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PF14	CF17		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CF18		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PF14	CF19		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CF20		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PF14	CF21		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PF14	CF22		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CF23		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PF14	CF24		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CF25		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PF14	CF26		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CF27		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PF14	CF28		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CF29		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PF14	CF30		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CF31		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PF14	CF32		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CF33		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PF14	CF34		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PF14	CF35		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PF14	CF36		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CF37		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PF14	CF38		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CF39		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PF14	CF40		nsp	00MOA47700620	ELECT. CAP.	470 UF M 6.3V RA-2
PF14	CF41		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CF42		nsp	00MOA47700620	ELECT. CAP.	470 UF M 6.3V RA-2
PF14	CF43		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CF44		nsp	00MOA47700620	ELECT. CAP.	470 UF M 6.3V RA-2
PF14	CF45		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CF46		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PF14	CF47		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PF14	CF48		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PF14	CF49		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CF50		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CF51		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CF52		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CF53		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CF54		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CF55		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PF14	CF56		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PF14	CF57		nsp	00MOA47700620	ELECT. CAP.	470 UF M 6.3V RA-2
PF14	CF58		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CF59		nsp	00MOA47700620	ELECT. CAP.	470 UF M 6.3V RA-2
PF14	CF60		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CF61		nsp	00MOA47700620	ELECT. CAP.	470 UF M 6.3V RA-2
PF14	CF62		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CF63		nsp	00MDD91100300	CER. CAP.	10 PF +- 0.5 PF CH 50V GR39
PF14	CF64		nsp	00MDD91100300	CER. CAP.	10 PF +- 0.5 PF CH 50V GR39
PF14	CF65		nsp	00MDD91100300	CER. CAP.	10 PF +- 0.5 PF CH 50V GR39
PF14	CF66		nsp	00MDD91100300	CER. CAP.	10 PF +- 0.5 PF CH 50V GR39
PF14	CF67		nsp	00MDD91100300	CER. CAP.	10 PF +- 0.5 PF CH 50V GR39
PF14	CF68		nsp	00MDD91100300	CER. CAP.	10 PF +- 0.5 PF CH 50V GR39
PF14	CF69		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PF14	CF70		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CF71		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CF72		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CF73		nsp	00MDK96102300	CER. CAP.	1000 PF +- 10 % B 50V GR36
PF14	CF74		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PF14	CF75		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PF14	CF76		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PF14	CF77		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CF81		nsp	00MOA10505020	ELECT. CAP.	1 UF M 50V RA-2
PF14	CF82		nsp	00MDK96473200	CER. CAP.	0.047 UF +-10 % X7R 16V
PF14	CF83		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CF84		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PF14	CF85		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PF14	CFA1		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PF14	CFA2		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PF14	CFA3		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PF14	CFA4		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PF14	CFA5		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PF14	CFA6		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFA7		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PF14	CFA8		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PF14	CFA9		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PF14	CFB1		nsp	00MDD95220300	CER. CAP.	22 PF +- 5 % CG 50V GR39
PF14	CFB2		nsp	00MDD95220300	CER. CAP.	22 PF +- 5 % CG 50V GR39
PF14	CFB3		nsp	00MDD91090300	CER. CAP.	9 PF +- 0.5 PF CH 50V GR39
PF14	CFB4		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PF14	CFB5		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFB6		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PF14	CFB7		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFB8		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PF14	CFB9		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFC1		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PF14	CFC2		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFC3		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PF14	CFC4		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFC5		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PF14	CFC6		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFC7		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFC8		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFC9		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PF14	CFD1		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFD2		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFD3		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFD4		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFD5		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PF14	CFD6		nsp	00MDD91100300	CER. CAP.	10 PF +- 0.5 PF CH 50V GR39
PF14	CFD7		nsp	00MDK96102300	CER. CAP.	1000 PF +- 10 % B 50V GR36
PF14	CFD8		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFD9		nsp	00MDD95181300	CER. CAP.	180PF (GR39)
PF14	CFE1		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PF14	CFE2		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PF14	CFE3		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFE4		nsp	00MDD91090300	CER. CAP.	9 PF +- 0.5 PF CH 50V GR39
PF14	CFE5		nsp	00MDD95220300	CER. CAP.	22 PF +- 5 % CG 50V GR39
PF14	CFE6		nsp	00MDD95220300	CER. CAP.	22 PF +- 5 % CG 50V GR39
PF14	CFE7		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PF14	CFE8		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PF14	CFE9		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFF1		nsp	00MDD91090300	CER. CAP.	9 PF +- 0.5 PF CH 50V GR39
PF14	CFF2		nsp	00MDD95220300	CER. CAP.	22 PF +- 5 % CG 50V GR39
PF14	CFF3		nsp	00MDD95220300	CER. CAP.	22 PF +- 5 % CG 50V GR39
PF14	CFF4		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PF14	CFF5		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PF14	CFF6		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PF14	CFF7		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFF8		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PF14	CFF9		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PF14	CFG1		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PF14	CFG2		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PF14	CFG3		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PF14	CFG4		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PF14	CFG5		nsp	00MDD95120300	CER. CAP.	12 PF +- 5 % CG 50V
PF14	CFG6		nsp	00MDD95120300	CER. CAP.	12 PF +- 5 % CG 50V
PF14	CFG7		nsp	00MDK96224200	CER. CAP.	0.22UF +- 10% B 10V
PF14	CFG8		nsp	00MDK96222300	CER. CAP.	2200PF (GR39)
PF14	CFG9		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFH1		nsp	00MOA22505020	ELECT. CAP.	2.2 UF M 50V RA-2
PF14	CFH2		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PF14	CFH3		nsp	00MDK96223200	CER. CAP.	0.022 UF +- 10 % XTR 16V
PF14	CFH4		nsp	00MOA22505020	ELECT. CAP.	2.2 UF M 50V RA-2
PF14	CFH5		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFH6		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PF14	CFH7		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFH8		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PF14	CFH9		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PF14	CFJ1		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PF14	CFJ2		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PF14	CFJ3		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFJ4		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PF14	CFM1		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFM2		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFM3		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFM4		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PF14	CFM5		nsp	00MDD95270300	CER. CAP.	27PF (GR39)
PF14	CFM6		nsp	00MDD95270300	CER. CAP.	27PF (GR39)
PF14	CFM7		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PF14	CFM8		nsp	00MDK96473200	CER. CAP.	0.047 UF +-10 % X7R 16V
PF14	CFM9		nsp	00MDK96473200	CER. CAP.	0.047 UF +-10 % X7R 16V
PF14	CFN1		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PF14	CFN2		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFN3		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFN4		nsp	00MDK96473200	CER. CAP.	0.047 UF +-10 % X7R 16V
PF14	CFN5		nsp	00MDK96473200	CER. CAP.	0.047 UF +-10 % X7R 16V
PF14	CFN6		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFN7		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFN8		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFN9		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFP1		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFP2		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PF14	CFP3		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFP4		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFP5		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PF14	CFP6		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PF14	CFP7		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PF14	CFP8		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFP9		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PF14	CFQ1		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFQ2		nsp	00MDD95220300	CER. CAP.	22 PF +- 5 % CG 50V GR39
PF14	CFQ3		nsp	00MDD95220300	CER. CAP.	22 PF +- 5 % CG 50V GR39
PF14	CFQ4		nsp	00MDD91090300	CER. CAP.	9 PF +- 0.5 PF CH 50V GR39
PF14	CFQ5		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PF14	CFQ6		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFQ7		nsp	00MDD95220300	CER. CAP.	22 PF +- 5 % CG 50V GR39
PF14	CFQ8		nsp	00MDD95220300	CER. CAP.	22 PF +- 5 % CG 50V GR39
PF14	CFQ9		nsp	00MDD91090300	CER. CAP.	9 PF +- 0.5 PF CH 50V GR39
PF14	CFR1		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PF14	CFR2		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFR3		nsp	00MDD95220300	CER. CAP.	22 PF +- 5 % CG 50V GR39
PF14	CFR4		nsp	00MDD95220300	CER. CAP.	22 PF +- 5 % CG 50V GR39
PF14	CFR5		nsp	00MDD91090300	CER. CAP.	9 PF +- 0.5 PF CH 50V GR39
PF14	CFV1		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PF14	CFV2		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PF14	CFV3		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PF14	CFV4		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PF14	CFV5		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PF14	CFV6		nsp	00MOA47505020	ELECT. CAP.	4.7 UF M 50V RA-2
PF14	CFV7		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PF14	CFV8		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFV9		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PF14	CFW1		nsp	00MDD95300300	CER. CAP.	30PF CH
PF14	CFW2		nsp	00MDD95300300	CER. CAP.	30PF CH
PF14	CFW4		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PF14	CFW5		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFW6		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PF14	CFW7		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PF14	CFW8		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PF14	CFW9		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PF14	CFX1		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PF14	CFX2		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PF14	CFX3		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PF14	CFX4		nsp	00MOA10505020	ELECT. CAP.	1 UF M 50V RA-2
PF14	CFX5		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFX6		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PF14	CFX7		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFX8		nsp	00MOA10505020	ELECT. CAP.	1 UF M 50V RA-2
PF14	CFX9	/F N	nsp	00MDD99030300	CER. CAP.	3 PF +-0.1 PF CJ 50V
PF14	CFX9	/N1B	nsp	00MDD99070300	CER. CAP.	7PF +-0.1PF CH 50V
PF14	CFX9	/N1G	nsp	00MDD99070300	CER. CAP.	7PF +-0.1PF CH 50V
PF14	CFX9	/N1S	nsp	00MDD99070300	CER. CAP.	7PF +-0.1PF CH 50V
PF14	CFX9	/U1B	nsp	00MDD99030300	CER. CAP.	3 PF +-0.1 PF CJ 50V
PF14	CFX9	/U1G	nsp	00MDD99030300	CER. CAP.	3 PF +-0.1 PF CJ 50V
PF14	CFY1	/F N	nsp	00MDD99030300	CER. CAP.	3 PF +-0.1 PF CJ 50V
PF14	CFY1	/N1B	nsp	00MDD99070300	CER. CAP.	7PF +-0.1PF CH 50V
PF14	CFY1	/N1G	nsp	00MDD99070300	CER. CAP.	7PF +-0.1PF CH 50V
PF14	CFY1	/N1S	nsp	00MDD99070300	CER. CAP.	7PF +-0.1PF CH 50V
PF14	CFY1	/U1B	nsp	00MDD99030300	CER. CAP.	3 PF +-0.1 PF CJ 50V

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PF14	CFY1	/U1G	nsp	00MDD99030300	CER. CAP.	3 PF +-0.1 PF CJ 50V
PF14	CFY2	/F N	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PF14	CFY2	/N1B	nsp	00MDD99070300	CER. CAP.	7PF +-0.1PF CH 50V
PF14	CFY2	/N1G	nsp	00MDD99070300	CER. CAP.	7PF +-0.1PF CH 50V
PF14	CFY2	/N1S	nsp	00MDD99070300	CER. CAP.	7PF +-0.1PF CH 50V
PF14	CFY2	/U1B	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PF14	CFY2	/U1G	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PF14	CFY3	/F N	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PF14	CFY3	/N1B	nsp	00MDD99070300	CER. CAP.	7PF +-0.1PF CH 50V
PF14	CFY3	/N1G	nsp	00MDD99070300	CER. CAP.	7PF +-0.1PF CH 50V
PF14	CFY3	/N1S	nsp	00MDD99070300	CER. CAP.	7PF +-0.1PF CH 50V
PF14	CFY3	/U1B	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PF14	CFY3	/U1G	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PF14	CFY4		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PF14	CFY5		nsp	00MDK96473200	CER. CAP.	0.047 UF +-10 % X7R 16V
PF14	FF01		00MFM31474010	00MFM31474010	EMI FILTER	NFM2012P13C474R
PF14	FF02		00MFM31474010	00MFM31474010	EMI FILTER	NFM2012P13C474R
PF14	FF03		00MFM31474010	00MFM31474010	EMI FILTER	NFM2012P13C474R
PF14	FF04		00MFM31474010	00MFM31474010	EMI FILTER	NFM2012P13C474R
PF14	JF01		00MYT02030540	00MYT02030540	TERMINAL	3P RCA JACK 1L3 R/G/B GOLD
PF14	JF02		00MYT02030540	00MYT02030540	TERMINAL	3P RCA JACK 1L3 R/G/B GOLD
PF14	JF03		00MYT02030540	00MYT02030540	TERMINAL	3P RCA JACK 1L3 R/G/B GOLD
PF14	JF04		00MYT02030540	00MYT02030540	TERMINAL	3P RCA JACK 1L3 R/G/B GOLD
PF14	JF06		00MYT02060740	00MYT02060740	TERMINAL	YKC21-4327N
PF14	LF11		00MLU12223010	00MLU12223010	CHIP INDUCTANCE	NL322522-220K
PF14	LF12		00MLU12103010	00MLU12103010	CHIP INDUCTANCE	NL322522-100K
PF14	LF13		00MLU12103010	00MLU12103010	CHIP INDUCTANCE	NL322522-100K
PF14	LF14		00MLU12103010	00MLU12103010	CHIP INDUCTANCE	NL322522-100K
PF14	LF15		00MLU12103010	00MLU12103010	CHIP INDUCTANCE	NL322522-100K
PF14	LF16		00MLU12223010	00MLU12223010	CHIP INDUCTANCE	NL322522-220K
PF14	LF17		00MLU12223010	00MLU12223010	CHIP INDUCTANCE	NL322522-220K
PF14	LF21		00MLU12103010	00MLU12103010	CHIP INDUCTANCE	NL322522-100K
PF14	LF22		00MLU12103010	00MLU12103010	CHIP INDUCTANCE	NL322522-100K
PF14	LF23		00MLU12223010	00MLU12223010	CHIP INDUCTANCE	NL322522-220K
PF14	LF24		00MLU12223010	00MLU12223010	CHIP INDUCTANCE	NL322522-220K
PF14	LF25		00MLU12223010	00MLU12223010	CHIP INDUCTANCE	NL322522-220K
PF14	LF31		00MLU12103010	00MLU12103010	CHIP INDUCTANCE	NL322522-100K
PF14	LF32		00MLU12153010	00MLU12153010	CHIP INDUCTANCE	NL322522-150K
PF14	LF33		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PF14	LF34		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PF14	LF35		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PF14	LF36		00MLU12103010	00MLU12103010	CHIP INDUCTANCE	NL322522-100K
PF14	LF37		00MLU12103010	00MLU12103010	CHIP INDUCTANCE	NL322522-100K
PF14	QF01		00MHX300012A0	00MHX300012A0	CHIP TRS.	2SC4081 (Q,R) 2SC4116 (Y,GR)
PF14	QF02		00MHX300012A0	00MHX300012A0	CHIP TRS.	2SC4081 (Q,R) 2SC4116 (Y,GR)
PF14	QF03		00MHX300012A0	00MHX300012A0	CHIP TRS.	2SC4081 (Q,R) 2SC4116 (Y,GR)
PF14	QF04		00MHX300012A0	00MHX300012A0	CHIP TRS.	2SC4081 (Q,R) 2SC4116 (Y,GR)
PF14	QF05		00MHC12244090	00MHC12244090	IC	NJM2584M 50MHZ VIDEO SW
PF14	QF06		00MHC12244090	00MHC12244090	IC	NJM2584M 50MHZ VIDEO SW
PF14	QF07		00MHC10236090	00MHC10236090	IC	NJM2586AM-TE1
PF14	QF08		00MHC10239090	00MHC10239090	IC	NJM2581M-TE1
PF14	QF09		00MHC805100Z0	00MHC805100Z0	IC	74HC4051 FLAT
PF14	QF10		00MHC809449R0	00MHC809449R0	IC	74HC4094BT
PF14	QF11		00MHC809449R0	00MHC809449R0	IC	74HC4094BT
PF14	QF12		00MHC98818990	00MHC98818990	IC	NCP1117STAT3 1.25-18.8V ADJ REG.800MA
PF14	QF13		00MHC10397030	00MHC10397030	IC	LA7217M SINGNAL SE932211898682
PF14	QF31		00MHC10235090	00MHC10235090	IC	NJM2285M-TE1
PF14	QF32		00MHX300012A0	00MHX300012A0	CHIP TRS.	2SC4081 (Q,R) 2SC4116 (Y,GR)
PF14	QF33		00MHX100012A0	00MHX100012A0	CHIP TRS.	2SA1586 (Y,GR) TE85L / 2SA1576A (Q,R)
PF14	QF34		00MHX100012A0	00MHX100012A0	CHIP TRS.	2SA1586 (Y,GR) TE85L / 2SA1576A (Q,R)
PF14	QF35		00MHX100012A0	00MHX100012A0	CHIP TRS.	2SA1586 (Y,GR) TE85L / 2SA1576A (Q,R)
PF14	QF36		00MHC10472050	00MHC10472050	IC	TC90A49PG
PF14	QF37		00MHX300012A0	00MHX300012A0	CHIP TRS.	2SC4081 (Q,R) 2SC4116 (Y,GR)
PF14	QF38		00MHX100012A0	00MHX100012A0	CHIP TRS.	2SA1586 (Y,GR) TE85L / 2SA1576A (Q,R)
PF14	QF39		00MHX300012A0	00MHX300012A0	CHIP TRS.	2SC4081 (Q,R) 2SC4116 (Y,GR)
PF14	QF40		00MHX100012A0	00MHX100012A0	CHIP TRS.	2SA1586 (Y,GR) TE85L / 2SA1576A (Q,R)
PF14	QF41		00MHX300012A0	00MHX300012A0	CHIP TRS.	2SC4081 (Q,R) 2SC4116 (Y,GR)

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PF14	QF42		00MHX100012A0	00MHX100012A0	CHIP TRS.	2SA1586 (Y,GR) TE85L / 2SA1576A (Q,R)
PF14	QF43		00MHX300012A0	00MHX300012A0	CHIP TRS.	2SC4081 (Q,R) 2SC4116 (Y,GR)
PF14	QF44		00MHX100012A0	00MHX100012A0	CHIP TRS.	2SA1586 (Y,GR) TE85L / 2SA1576A (Q,R)
PF14	QF45		00MHC10473050	00MHC10473050	IC	TA1270BFG(DRY)
PF14	QF46		00MHC38909990	00MHC38909990	IC	KIA7809API/P
PF14	QF47		00MHC10104550	00MHC10104550	IC	MM1511XNRE
PF14	QF48		00MBA21303000	00MBA21303000	TRS.	DTC124EU,RN1303 UMT TYPE
PF14	QF49		00MHX115881A0	00MHX115881A0	CHIP TRS.	2SA1588 (Y)
PF14	QF50		00MBA21303000	00MBA21303000	TRS.	DTC124EU,RN1303 UMT TYPE
PF14	QF51		00MHX115881A0	00MHX115881A0	CHIP TRS.	2SA1588 (Y)
PF14	QF61		00MHC10214490	00MHC10214490	IC	SAA7115HL/V1/G,557
PF14	QF62		00MHC10038480	00MHC10038480	IC	AK8812P
PF14	QF63		00MBA21303000	00MBA21303000	TRS.	DTC124EU,RN1303 UMT TYPE
PF14	QF64		00MBA21303000	00MBA21303000	TRS.	DTC124EU,RN1303 UMT TYPE
PF14	QF65		00MHY22010050	00MHY22010050	CHIP FET	HN1K05FU 2SK2824 X 2
PF14	QF66		00MHX300012A0	00MHX300012A0	CHIP TRS.	2SC4081 (Q,R) 2SC4116 (Y,GR)
PF14	QF67		00MHX100012A0	00MHX100012A0	CHIP TRS.	2SA1586 (Y,GR) TE85L / 2SA1576A (Q,R)
PF14	QF68		00MHX300012A0	00MHX300012A0	CHIP TRS.	2SC4081 (Q,R) 2SC4116 (Y,GR)
PF14	QF69		00MHX100012A0	00MHX100012A0	CHIP TRS.	2SA1586 (Y,GR) TE85L / 2SA1576A (Q,R)
PF14	QF70		00MHX300012A0	00MHX300012A0	CHIP TRS.	2SC4081 (Q,R) 2SC4116 (Y,GR)
PF14	QF71		00MHX100012A0	00MHX100012A0	CHIP TRS.	2SA1586 (Y,GR) TE85L / 2SA1576A (Q,R)
PF14	QF72		00MHX300012A0	00MHX300012A0	CHIP TRS.	2SC4081 (Q,R) 2SC4116 (Y,GR)
PF14	QF81		00MHC10224090	00MHC10224090	IC	NJM2535M TE1
PF14	QF82		00MHX300012A0	00MHX300012A0	CHIP TRS.	2SC4081 (Q,R) 2SC4116 (Y,GR)
PF14	QF83		00MHX300012A0	00MHX300012A0	CHIP TRS.	2SC4081 (Q,R) 2SC4116 (Y,GR)
PF14	QF84		80M11AJ000101	80M11AJ000101	U-PRO	MX29F400TTC-90 (PROG.00M11AJ499A00)
PF14	QF85		00MHC10421030	00MHC10421030	IC	LC74732W
PF14	QF86		00MHX300012A0	00MHX300012A0	CHIP TRS.	2SC4081 (Q,R) 2SC4116 (Y,GR)
PF14	QF87		00MHX300012A0	00MHX300012A0	CHIP TRS.	2SC4081 (Q,R) 2SC4116 (Y,GR)
PF14	QF88		00MHX300012A0	00MHX300012A0	CHIP TRS.	2SC4081 (Q,R) 2SC4116 (Y,GR)
PF14	QF89	/N1B	00MBA10026210	00MBA10026210	TRS.	DTA114EU
PF14	QF89	/N1G	00MBA10026210	00MBA10026210	TRS.	DTA114EU
PF14	QF89	/N1S	00MBA10026210	00MBA10026210	TRS.	DTA114EU
PF14	QF90	/N1B	00MHX340831Q0	00MHX340831Q0	CHIP TRS.	2SC4083 (Q)
PF14	QF90	/N1G	00MHX340831Q0	00MHX340831Q0	CHIP TRS.	2SC4083 (Q)
PF14	QF90	/N1S	00MHX340831Q0	00MHX340831Q0	CHIP TRS.	2SC4083 (Q)
PF14	QF91	/N1B	00MHX340831Q0	00MHX340831Q0	CHIP TRS.	2SC4083 (Q)
PF14	QF91	/N1G	00MHX340831Q0	00MHX340831Q0	CHIP TRS.	2SC4083 (Q)
PF14	QF91	/N1S	00MHX340831Q0	00MHX340831Q0	CHIP TRS.	2SC4083 (Q)
PF14	QF92		00MHC10397030	00MHC10397030	IC	LA7217M SINGNAL SE932211898682
PF14	RF01		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PF14	RF02		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PF14	RF03		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PF14	RF04		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PF14	RF05		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PF14	RF06		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PF14	RF07		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PF14	RF08		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PF14	RF09		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PF14	RF10		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PF14	RF11		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PF14	RF12		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PF14	RF13		nsp	00MNN05474610	CHIP RES.	470K OHM +- 5% 1/16W
PF14	RF14		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PF14	RF15		nsp	00MNN05474610	CHIP RES.	470K OHM +- 5% 1/16W
PF14	RF16		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PF14	RF17		nsp	00MNN05474610	CHIP RES.	470K OHM +- 5% 1/16W
PF14	RF18		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PF14	RF19		nsp	00MNN05474610	CHIP RES.	470K OHM +- 5% 1/16W
PF14	RF20		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PF14	RF21		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PF14	RF22		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PF14	RF23		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PF14	RF24		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PF14	RF26		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PF14	RF27		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PF14	RF28		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PF14	RF29		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PF14	RF30		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PF14	RF31		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PF14	RF32		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PF14	RF33		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PF14	RF34		nsp	00MNN05181610	CHIP RES.	180 OHM +- 5% 1/16W
PF14	RF35		nsp	00MNN05181610	CHIP RES.	180 OHM +- 5% 1/16W
PF14	RF38		nsp	00MNN05154610	CHIP RES.	150K OHM +- 5% 1/16W
PF14	RF39		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PF14	RF42		nsp	00MNN05333610	CHIP RES.	33K OHM +- 5% 1/16W
PF14	RF43		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PF14	RF44		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PF14	RF45		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PF14	RF46		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PF14	RF47		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PF14	RF48		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PF14	RF49		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PF14	RF50		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PF14	RF51		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PF14	RF52		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PF14	RF53		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PF14	RF54		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PF14	RF61		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PF14	RF62		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PF14	RF63		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PF14	RF64		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PF14	RF65		nsp	00MNN05224610	CHIP RES.	220K OHM +- 5% 1/16W
PF14	RF66		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PF14	RF67		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PF14	RF68		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PF14	RF69		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PF14	RF70		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PF14	RF71		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PF14	RF72		nsp	00MNN05821610	CHIP RES.	820 OHM +- 5% 1/16W
PF14	RF73		nsp	00MNN05152610	CHIP RES.	1.5K OHM +- 5% 1/16W
PF14	RF74		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PF14	RF75		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PF14	RF76		nsp	00MNN05821610	CHIP RES.	820 OHM +- 5% 1/16W
PF14	RF77		nsp	00MNN05152610	CHIP RES.	1.5K OHM +- 5% 1/16W
PF14	RF78		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PF14	RF79		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PF14	RF80		nsp	00MNN05821610	CHIP RES.	820 OHM +- 5% 1/16W
PF14	RF81		nsp	00MNN05183610	CHIP RES.	18K OHM +- 5% 1/16W
PF14	RF82		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PF14	RF83		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PF14	RF84		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PF14	RF85		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PF14	RF87		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PF14	RF88		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PF14	RF89		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PF14	RF90		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PF14	RF91		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PF14	RF92		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PF14	RF93		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PF14	RF94		nsp	00MNN05183610	CHIP RES.	18K OHM +- 5% 1/16W
PF14	RF95		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PF14	RF96		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PF14	RF97		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PF14	RF98		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PF14	RFA1		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PF14	RFA2		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PF14	RFA3		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PF14	RFA4		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PF14	RFA5		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PF14	RFA6		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PF14	RFA7		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PF14	RFA8		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W

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PF14	RFA9		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PF14	RFB1		nsp	00MNN05333610	CHIP RES.	33K OHM +- 5% 1/16W
PF14	RFB2		nsp	00MNN05332610	CHIP RES.	3.3K OHM +- 5% 1/16W
PF14	RFB3		nsp	00MNN05331610	CHIP RES.	330 OHM +- 5% 1/16W
PF14	RFB4		nsp	00MNN05121610	CHIP RES.	120 OHM +- 5% 1/16W
PF14	RFB5		nsp	00MNN05181610	CHIP RES.	180 OHM +- 5% 1/16W
PF14	RFB6		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PF14	RFB7		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PF14	RFB8		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PF14	RFB9		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PF14	RFC1		nsp	00MNN05121610	CHIP RES.	120 OHM +- 5% 1/16W
PF14	RFC2		nsp	00MNN05181610	CHIP RES.	180 OHM +- 5% 1/16W
PF14	RFC3	/F N	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PF14	RFC3	/U1B	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PF14	RFC3	/U1G	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PF14	RFM1		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
PF14	RFM2		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
PF14	RFM3		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
PF14	RFM4		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
PF14	RFM5		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
PF14	RFM6		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
PF14	RFM7		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
PF14	RFM8		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
PF14	RFM9		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
PF14	RFN1		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PF14	RFN2		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PF14	RFN3		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PF14	RFN4		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PF14	RFN5		nsp	00MNN05123610	CHIP RES.	12K OHM +- 5% 1/16W
PF14	RFN6		nsp	00MNN05391610	CHIP RES.	390 OHM +- 5% 1/16W
PF14	RFN7		nsp	00MNN05391610	CHIP RES.	390 OHM +- 5% 1/16W
PF14	RFN8		nsp	00MNN05391610	CHIP RES.	390 OHM +- 5% 1/16W
PF14	RFN9		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PF14	RFP1		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PF14	RFP2		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PF14	RFP3		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PF14	RFP4		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PF14	RFP5		nsp	00MNN05183610	CHIP RES.	18K OHM +- 5% 1/16W
PF14	RFP6		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PF14	RFP7		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PF14	RFP8		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PF14	RFP9		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PF14	RFQ1		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PF14	RFQ2		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PF14	RFQ3		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PF14	RFQ4		nsp	00MNN05183610	CHIP RES.	18K OHM +- 5% 1/16W
PF14	RFQ5		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PF14	RFQ6		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PF14	RFQ7		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PF14	RFQ8		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PF14	RFQ9		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PF14	RFR1		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PF14	RFR2		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PF14	RFR3		nsp	00MNN05183610	CHIP RES.	18K OHM +- 5% 1/16W
PF14	RFR4		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PF14	RFR5		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PF14	RFR6		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PF14	RFR7		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PF14	RFR8		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PF14	RFR9		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PF14	RFS1		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PF14	RFS2		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PF14	RFS3		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PF14	RFV1		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PF14	RFV2		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PF14	RFV3		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PF14	RFV4		nsp	00MNN05104610	CHIP RES.	100K OHM +- 5% 1/16W

NOTE "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS

P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PF14	RFV5		nsp	00MNN05123610	CHIP RES.	12K OHM +- 5% 1/16W
PF14	RFV6		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PF14	RFV7		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PF14	RFV8		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PF14	RFV9		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PF14	RFW1		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PF14	RFW2		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PF14	RFW3		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PF14	RFW4		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PF14	RFW6		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PF14	RFW7		nsp	00MNN05391610	CHIP RES.	390 OHM +- 5% 1/16W
PF14	RFW8		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PF14	RFW9		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PF14	RFX2		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PF14	RFX3		nsp	00MNN05391610	CHIP RES.	390 OHM +- 5% 1/16W
PF14	RFX4		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PF14	RFX5		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PF14	RFX7		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PF14	RFX8		nsp	00MNN05391610	CHIP RES.	390 OHM +- 5% 1/16W
PF14	RFX9		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PF14	RFY1		nsp	00MNN05154610	CHIP RES.	150K OHM +- 5% 1/16W
PF14	RFY4	/N1B	nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PF14	RFY4	/N1G	nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PF14	RFY4	/N1S	nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PF14	RFY5	/N1B	nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PF14	RFY5	/N1G	nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PF14	RFY5	/N1S	nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PF14	RFY6	/F N	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PF14	RFY6	/U1B	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PF14	RFY6	/U1G	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PF14	RFZ1	/F N	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PF14	RFZ1	/U1B	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PF14	RFZ1	/U1G	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PF14	RFZ2	/N1B	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PF14	RFZ2	/N1G	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PF14	RFZ2	/N1S	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PF14	RFZ4	/F N	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PF14	RFZ4	/U1B	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PF14	RFZ4	/U1G	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PF14	XF11		00MFQ05033010	00MFQ05033010	CER. VIB.	CSB503F2 CERAMIC RESONATOR
PF14	XF12		00MJX03020350	00MJX03020350	X'TAL	SMD-49 3.579545MHZ
PF14	XF13	/N1B	00MJX04009350	00MJX04009350	X'TAL	SMD-49 4.433619MHZ
PF14	XF13	/N1G	00MJX04009350	00MJX04009350	X'TAL	SMD-49 4.433619MHZ
PF14	XF13	/N1S	00MJX04009350	00MJX04009350	X'TAL	SMD-49 4.433619MHZ
PF14	XF21		00MJX24004350	00MJX24004350	X'TAL	SMD-49 24.576MHZ
PF14	XF31		00MJX14005350	00MJX14005350	X'TAL	14.31818MHZ SMD-49 FOR LC74732
PF14	XF32	/N1B	00MJX17002350	00MJX17002350	X'TAL	17.734475MHZ FOR LC74732
PF14	XF32	/N1G	00MJX17002350	00MJX17002350	X'TAL	17.734475MHZ FOR LC74732
PF14	XF32	/N1S	00MJX17002350	00MJX17002350	X'TAL	17.734475MHZ FOR LC74732
					CVBS Y/C PWB (00MWG12AJ501-)	
PL14	CL01		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PL14	CL02		nsp	00MOA47700620	ELECT. CAP.	470 UF M 6.3V RA-2
PL14	CL03		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PL14	CL04		nsp	00MOA47700620	ELECT. CAP.	470 UF M 6.3V RA-2
PL14	CL05		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PL14	CL06		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CL07		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PL14	CL08		nsp	00MOA47700620	ELECT. CAP.	470 UF M 6.3V RA-2
PL14	CL09		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PL14	CL10		nsp	00MOA47700620	ELECT. CAP.	470 UF M 6.3V RA-2
PL14	CL11		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PL14	CL12		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CL13		nsp	00MDD95680300	CER. CAP.	68PF (GR39)
PL14	CL14		nsp	00MOA47700620	ELECT. CAP.	470 UF M 6.3V RA-2
PL14	CL15		nsp	00MDD95680300	CER. CAP.	68PF (GR39)
PL14	CL16		nsp	00MOA47700620	ELECT. CAP.	470 UF M 6.3V RA-2
PL14	CL17		nsp	00MDD95680300	CER. CAP.	68PF (GR39)

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PL14	CL18		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CL19		nsp	00MDD95680300	CER. CAP.	68PF (GR39)
PL14	CL20		nsp	00MOA47700620	ELECT. CAP.	470 UF M 6.3V RA-2
PL14	CL21		nsp	00MDD95680300	CER. CAP.	68PF (GR39)
PL14	CL22		nsp	00MOA47700620	ELECT. CAP.	470 UF M 6.3V RA-2
PL14	CL23		nsp	00MDD95680300	CER. CAP.	68PF (GR39)
PL14	CL24		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CL25		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CL26		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CL27		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CL28		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CL29		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CL30		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CL31		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CL32		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CL33		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PL14	CL34		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CL35		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PL14	CL36		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CL37		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CL38		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PL14	CL39		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PL14	CL40		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CL41		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CL42		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CL43		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CL44		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CL45		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CL46		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CL47		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CL48		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CL49		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CL50		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PL14	CL52		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CL53		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CL67		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CL68		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CL69		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CL70		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CL71		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CL72		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CL73		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CL74		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CL75		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CL76		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CL77		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PL14	CL78		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CL79		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PL14	CL80		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CL81		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CL82		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PL14	CL83		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PL14	CL84		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CL85		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CL86		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CL87		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CL88		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CL89		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CL90		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CL91		nsp	00MDK96122300	CER. CAP.	1200 PF
PL14	CL92		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CL93		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PL14	CL94		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CL95		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PL14	CL96		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CL97		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CL98		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PL14	CL99		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PL14	CLA1		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CLA2		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CLA3		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CLA4		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CLA5		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CLA6		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CLA7		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CLA8		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CLB1		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CLB2		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CLB3		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CLB4		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CLB5		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PL14	CLB7		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CLB8		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CLB9		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PL14	CLC1		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CLC2		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CLK1		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CLK2		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CLK3		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CLK4		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CLK5		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CLK6		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CLK7		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CLK8		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CLK9		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PL14	CLL1		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CLL2		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PL14	CLL3		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CLL4		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PL14	CLL5		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PL14	CLL6		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CLL7		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PL14	CLL8		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PL14	CLL9		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CLM1		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PL14	CLM2		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CLM3		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PL14	CLM4		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CLM5		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PL14	CLM6		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PL14	CLM7		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CLM8		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PL14	CLM9		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PL14	CLN1		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CLN2		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CLP3		nsp	00MOA10505020	ELECT. CAP.	1 UF M 50V RA-2
PL14	CLP4		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CLP5		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CLP6		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PL14	CLP7		nsp	00MDD95240300	CER. CAP.	24PF CH
PL14	CLP8		nsp	00MDD95220300	CER. CAP.	22 PF +- 5 % CG 50V GR39
PL14	CLP9	/F N	nsp	00MDD95240300	CER. CAP.	24PF CH
PL14	CLP9	/N1B	nsp	00MDD95200300	CER. CAP.	20PF CH
PL14	CLP9	/N1G	nsp	00MDD95200300	CER. CAP.	20PF CH
PL14	CLP9	/N1S	nsp	00MDD95200300	CER. CAP.	20PF CH
PL14	CLP9	/U1B	nsp	00MDD95240300	CER. CAP.	24PF CH
PL14	CLP9	/U1G	nsp	00MDD95240300	CER. CAP.	24PF CH
PL14	CLQ1	/F N	nsp	00MDD95240300	CER. CAP.	24PF CH
PL14	CLQ1	/N1B	nsp	00MDD95200300	CER. CAP.	20PF CH
PL14	CLQ1	/N1G	nsp	00MDD95200300	CER. CAP.	20PF CH
PL14	CLQ1	/N1S	nsp	00MDD95200300	CER. CAP.	20PF CH
PL14	CLQ1	/U1B	nsp	00MDD95240300	CER. CAP.	24PF CH
PL14	CLQ1	/U1G	nsp	00MDD95240300	CER. CAP.	24PF CH
PL14	CLQ2		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2

NOTE "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS

P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PL14	CLQ3		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CLQ4		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CLQ5		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CLQ6		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CLQ7		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CLQ8		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CLQ9		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CLR1		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CLR2		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CLR3		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PL14	CLR4		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CLR5		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CLR6		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CLR7		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PL14	CLR8		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PL14	CLR9		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PL14	CLS1		nsp	00MDD95680300	CER. CAP.	68PF (GR39)
PL14	CLS2		nsp	00MDD95680300	CER. CAP.	68PF (GR39)
PL14	CLS3		nsp	00MOA47700620	ELECT. CAP.	470 UF M 6.3V RA-2
PL14	CLS4		nsp	00MOA47700620	ELECT. CAP.	470 UF M 6.3V RA-2
PL14	JL03		00MBY04040040	00MBY04040040	TERMINAL	YKC22-0614N
PL14	JL04		00MBY04040040	00MBY04040040	TERMINAL	YKC22-0614N
PL14	JL05		00MBY04040040	00MBY04040040	TERMINAL	YKC22-0614N
PL14	JL06		00MBY04040040	00MBY04040040	TERMINAL	YKC22-0614N
PL14	JL07		00MBY04040050	00MBY04040050	TERMINAL	YKC22-0565N
PL14	JLK1		00MYT02021760	00MYT02021760	TERMINAL	YKC21-4032 1L2P YEL FS AU
PL14	LLK1		00MLU15333010	00MLU15333010	CHIP INDUCTANCE	NL252018 33UH
PL14	QL01		00MHX100012A0	00MHX100012A0	CHIP TRS.	2SA1586 (Y,GR) TE85L / 2SA1576A (Q,R)
PL14	QL02		00MHX100012A0	00MHX100012A0	CHIP TRS.	2SA1586 (Y,GR) TE85L / 2SA1576A (Q,R)
PL14	QL03		00MHX100012A0	00MHX100012A0	CHIP TRS.	2SA1586 (Y,GR) TE85L / 2SA1576A (Q,R)
PL14	QL04		00MHC10224090	00MHC10224090	IC	NJM2535M TE1
PL14	QL05		00MHC10234090	00MHC10234090	IC	NJM2595M-TE1
PL14	QL06		00MHC805100Z0	00MHC805100Z0	IC	74HC4051 FLAT
PL14	QL07		00MHX300012A0	00MHX300012A0	CHIP TRS.	2SC4081 (Q,R) 2SC4116 (Y,GR)
PL14	QL08		00MHC10160090	00MHC10160090	IC	NJM2244M-TE1
PL14	QL09		00MHC809449R0	00MHC809449R0	IC	74HC4094BT
PL14	QL10		00MHC809449R0	00MHC809449R0	IC	74HC4094BT
PL14	QL11		00MHC10224090	00MHC10224090	IC	NJM2535M TE1
PL14	QL12		00MHC10234090	00MHC10234090	IC	NJM2595M-TE1
PL14	QL13		00MHC10223090	00MHC10223090	IC	NJM2534M TE1
PL14	QL14		00MHC10234090	00MHC10234090	IC	NJM2595M-TE1
PL14	QL15		00MHC805100Z0	00MHC805100Z0	IC	74HC4051 FLAT
PL14	QL16		00MHC10160090	00MHC10160090	IC	NJM2244M-TE1
PL14	QL17		00MHC10160090	00MHC10160090	IC	NJM2244M-TE1
PL14	QLK1		00MHC10224090	00MHC10224090	IC	NJM2535M TE1
PL14	QLK2		00MHC10234090	00MHC10234090	IC	NJM2595M-TE1
PL14	QLK3		00MHC10224090	00MHC10224090	IC	NJM2535M TE1
PL14	QLK4		00MHC10234090	00MHC10234090	IC	NJM2595M-TE1
PL14	QLK5		00MHC809449R0	00MHC809449R0	IC	74HC4094BT
PL14	QLK6		00MHC809449R0	00MHC809449R0	IC	74HC4094BT
PL14	QLL1		00MHC10422030	00MHC10422030	IC	LC74781M-9017-TLM-E
PL14	QLL2	/N1B	00MHX342132A0	00MHX342132A0	CHIP TRS.	2SC4213
PL14	QLL2	/N1G	00MHX342132A0	00MHX342132A0	CHIP TRS.	2SC4213
PL14	QLL2	/N1S	00MHX342132A0	00MHX342132A0	CHIP TRS.	2SC4213
PL14	QLL3	/N1B	00MHX342132A0	00MHX342132A0	CHIP TRS.	2SC4213
PL14	QLL3	/N1G	00MHX342132A0	00MHX342132A0	CHIP TRS.	2SC4213
PL14	QLL3	/N1S	00MHX342132A0	00MHX342132A0	CHIP TRS.	2SC4213
PL14	QLL4	/N1B	00MBA10026210	00MBA10026210	TRS.	DTA114EU
PL14	QLL4	/N1G	00MBA10026210	00MBA10026210	TRS.	DTA114EU
PL14	QLL4	/N1S	00MBA10026210	00MBA10026210	TRS.	DTA114EU
PL14	QLL5		00MHC10160090	00MHC10160090	IC	NJM2244M-TE1
PL14	QLL6		00MHC10160090	00MHC10160090	IC	NJM2244M-TE1
PL14	RL04		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RL05		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RL06		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RL07		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RL08		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PL14	RL09		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RL10		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RL11		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RL12		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RL13		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RL14		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RL15		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RL16		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RL17		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RL18		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RL19		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RL20		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RL21		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RL22		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RL23		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RL24		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RL25		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RL26		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RL27		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RL28		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RL29		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RL30		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RL31		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RL32		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RL33		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RL34		nsp	00MNN05181610	CHIP RES.	180 OHM +- 5% 1/16W
PL14	RL35		nsp	00MNN05391610	CHIP RES.	390 OHM +- 5% 1/16W
PL14	RL36		nsp	00MNN05181610	CHIP RES.	180 OHM +- 5% 1/16W
PL14	RL37		nsp	00MNN05391610	CHIP RES.	390 OHM +- 5% 1/16W
PL14	RL38		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PL14	RL39		nsp	00MNN05391610	CHIP RES.	390 OHM +- 5% 1/16W
PL14	RL40		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RL41		nsp	00MNN05224610	CHIP RES.	220K OHM +- 5% 1/16W
PL14	RL42		nsp	00MNN05224610	CHIP RES.	220K OHM +- 5% 1/16W
PL14	RL43		nsp	00MNN05224610	CHIP RES.	220K OHM +- 5% 1/16W
PL14	RL44		nsp	00MNN05224610	CHIP RES.	220K OHM +- 5% 1/16W
PL14	RL45		nsp	00MNN05334610	CHIP RES.	330K OHM +- 5% 1/16W
PL14	RL46		nsp	00MNN05334610	CHIP RES.	330K OHM +- 5% 1/16W
PL14	RL47		nsp	00MNN05334610	CHIP RES.	330K OHM +- 5% 1/16W
PL14	RL48		nsp	00MNN05334610	CHIP RES.	330K OHM +- 5% 1/16W
PL14	RL49		nsp	00MNN05334610	CHIP RES.	330K OHM +- 5% 1/16W
PL14	RL50		nsp	00MNN05334610	CHIP RES.	330K OHM +- 5% 1/16W
PL14	RL51		nsp	00MNN05334610	CHIP RES.	330K OHM +- 5% 1/16W
PL14	RL52		nsp	00MNN05224610	CHIP RES.	220K OHM +- 5% 1/16W
PL14	RL53		nsp	00MNN05224610	CHIP RES.	220K OHM +- 5% 1/16W
PL14	RL54		nsp	00MNN05224610	CHIP RES.	220K OHM +- 5% 1/16W
PL14	RL55		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PL14	RL56		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PL14	RL57		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PL14	RL58		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PL14	RL59		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RL60		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RL61		nsp	00MNN05224610	CHIP RES.	220K OHM +- 5% 1/16W
PL14	RL62		nsp	00MNN05224610	CHIP RES.	220K OHM +- 5% 1/16W
PL14	RL63		nsp	00MNN05224610	CHIP RES.	220K OHM +- 5% 1/16W
PL14	RL64		nsp	00MNN05224610	CHIP RES.	220K OHM +- 5% 1/16W
PL14	RL65		nsp	00MNN05334610	CHIP RES.	330K OHM +- 5% 1/16W
PL14	RL66		nsp	00MNN05334610	CHIP RES.	330K OHM +- 5% 1/16W
PL14	RL67		nsp	00MNN05334610	CHIP RES.	330K OHM +- 5% 1/16W
PL14	RL68		nsp	00MNN05334610	CHIP RES.	330K OHM +- 5% 1/16W
PL14	RL69		nsp	00MNN05334610	CHIP RES.	330K OHM +- 5% 1/16W
PL14	RL70		nsp	00MNN05334610	CHIP RES.	330K OHM +- 5% 1/16W
PL14	RL71		nsp	00MNN05334610	CHIP RES.	330K OHM +- 5% 1/16W
PL14	RL72		nsp	00MNN05224610	CHIP RES.	220K OHM +- 5% 1/16W
PL14	RL73		nsp	00MNN05224610	CHIP RES.	220K OHM +- 5% 1/16W
PL14	RL74		nsp	00MNN05224610	CHIP RES.	220K OHM +- 5% 1/16W
PL14	RL75		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PL14	RL76		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PL14	RL77		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PL14	RL78		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PL14	RL79		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PL14	RL80		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PL14	RL81		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PL14	RL82		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PL14	RL83		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PL14	RL84		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PL14	RL85		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PL14	RL86		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PL14	RL87		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PL14	RL91		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PL14	RL92		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PL14	RL93		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PL14	RL94		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PL14	RL95		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PL14	RL96		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PL14	RL97		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PL14	RL98		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PL14	RL99		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PL14	RLA1		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PL14	RLA2		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PL14	RLA3		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PL14	RLA4		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PL14	RLA5		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PL14	RLK1		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RLK2		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RLK3		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RLK4		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RLK5		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RLK6		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RLL7	/F N	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PL14	RLL7	/U1B	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PL14	RLL7	/U1G	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PL14	RLL8	/N1B	nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PL14	RLL8	/N1G	nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PL14	RLL8	/N1S	nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PL14	RLL9	/N1B	nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PL14	RLL9	/N1G	nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PL14	RLL9	/N1S	nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PL14	RLM1		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PL14	RLM2		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PL14	RLM3		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PL14	RLM4		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PL14	RLM5		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PL14	RLM6		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PL14	RLM7		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RLM8		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PL14	RLM9		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PL14	RLN1		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PL14	RLN2		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PL14	RLN3		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PL14	RLN4		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PL14	RLN5		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PL14	XLK1		00MJX14001260	00MJX14001260	X'TAL	AT49/14.31818MHZ(TP)
PL14	XLK2	/N1B	00MJX17001260	00MJX17001260	X'TAL	AT49 17.7MHZ
PL14	XLK2	/N1G	00MJX17001260	00MJX17001260	X'TAL	AT49 17.7MHZ
PL14	XLK2	/N1S	00MJX17001260	00MJX17001260	X'TAL	AT49 17.7MHZ
					AUX PWB (00MWA11AJ403-)	
PP34	CP63		nsp	00MDK16102300	CER. CAP.	1000PF K 50V
PP34	CP64		nsp	00MDK16102300	CER. CAP.	1000PF K 50V
PP34	CP71		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PP34	CP72		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PP34	CP73		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PP34	CP74		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PP34	CP78		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2

NOTE "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS

P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PP34	CP80		nsp	00MDD15470300	CER. CAP.	47PF J CH 50V BLK
PP34	CP81		nsp	00MDD15470300	CER. CAP.	47PF J CH 50V BLK
PP34	FP01		00MFN20020010	00MFN20020010	EMI FILTER	ZJY51R5-4P-01
PP34	JP62		00MYT02011730	00MYT02011730	TERMINAL	YKF51-5584 1P Y/C TOP
PP34	JP63		00MYT02060760	00MYT02060760	TERMINAL	YKC21-5931N
PP34	LP60		00MLC11043900	00MLC11043900	CHOKE COIL	SUBSTITUTE COIL 100UH J%
PP34	QP60		00MHC700400D0	00MHC700400D0	IC	74HC04 DIP
PP34	QP61		00MHC10008090	00MHC10008090	IC	NJM4558D-D
PP34	RP60		nsp	00MGD05473160	RES.	47K OHM +- 5% 1/6W
PP34	RP61		nsp	00MGD05473160	RES.	47K OHM +- 5% 1/6W
PP34	RP62		nsp	00MGD05473160	RES.	47K OHM +- 5% 1/6W
PP34	RP63		nsp	00MGD05473160	RES.	47K OHM +- 5% 1/6W
PP34	RP64		nsp	00MGD05101160	RES.	100 OHM +- 5% 1/6W
PP34	RP65		nsp	00MGD05101160	RES.	100 OHM +- 5% 1/6W
PP34	RP66		nsp	00MGD05750160	RES.	75 OHM +- 5% 1/6W
PP34	RP67		nsp	00MGD05750160	RES.	75 OHM +- 5% 1/6W
PP34	RP68		nsp	00MGD05750160	RES.	75 OHM +- 5% 1/6W
PP34	RP73		nsp	00MGD05100160	RES.	10 OHM +- 5% 1/6W
PP34	RP74		nsp	00MGD05221160	RES.	220 OHM +- 5% 1/6W
PP34	RP75		nsp	00MGD05221160	RES.	220 OHM +- 5% 1/6W
PP34	RPV1		nsp	00MGD05102160	RES.	1K OHM +- 5% 1/6W
PP34	RPV2		nsp	00MGD05102160	RES.	1K OHM +- 5% 1/6W
PP34	SPV1		00MSR02010070	00MSR02010070	ROTARY SW	ROTALY ENCODER 36PULSE EC16B
					OPT PWB (00MWA11AJ404-)	
PP44	JP61		00MYJ15000270	00MYJ15000270	OPT. CONN.	TORXL141(F)
					HEADPHONE PWB (00MWA11AJ407-)	
PP74	CPH1		00MOF15101540	00MOF15101540	FILM CAP.	100PF J 100V APSV
PP74	CPH2		00MOF15101540	00MOF15101540	FILM CAP.	100PF J 100V APSV
PP74	JPH1		00MYJ01004240	00MYJ01004240	JACK	HLJ2307-01-3160
					FUNCTION PWB (00MWG12AJ801-)	
PS14	CI03		00MOF15102540	00MOF15102540	FILM CAP.	1000PF J 100V APSV
PS14	CI05		00MOF15102540	00MOF15102540	FILM CAP.	1000PF J 100V APSV
PS14	CI10		00MOF15102540	00MOF15102540	FILM CAP.	1000PF J 100V APSV
PS14	CI12		00MOF15102540	00MOF15102540	FILM CAP.	1000PF J 100V APSV
PS14	CI15		nsp	00MDK18103310	CER. CAP.	0.01UF Z 50V
PS14	CI16		nsp	00MDK18103310	CER. CAP.	0.01UF Z 50V
PS14	CI17		nsp	00MDK18103310	CER. CAP.	0.01UF Z 50V
PS14	CI18		nsp	00MDK18103310	CER. CAP.	0.01UF Z 50V
PS14	CI20		00MEA10802510	00MEA10802510	ELECT CAP.	1000UF/ 25V
PS14	CI21		00MEA10802510	00MEA10802510	ELECT CAP.	1000UF/ 25V
PS14	CI22		nsp	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
PS14	CI23		nsp	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
PS14	CI24		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CI25		nsp	00MOA47702520	ELECT. CAP.	470UF 25V M RA-2
PS14	CI26		nsp	00MOA47702520	ELECT. CAP.	470UF 25V M RA-2
PS14	CI27		00MEA10802510	00MEA10802510	ELECT CAP.	1000UF/ 25V
PS14	CI28		00MEA10802510	00MEA10802510	ELECT CAP.	1000UF/ 25V
PS14	CI29		nsp	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
PS14	CI30		nsp	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
PS14	CI31		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CI32		nsp	00MOA47702520	ELECT. CAP.	470UF 25V M RA-2
PS14	CI33		nsp	00MOA47702520	ELECT. CAP.	470UF 25V M RA-2
PS14	CI34		nsp	00MOA10702520	ELECT. CAP.	100 UF M 25V RA-2
PS14	CI35		nsp	00MOA10702520	ELECT. CAP.	100 UF M 25V RA-2
PS14	CI36		nsp	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
PS14	CI37		nsp	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
PS14	CI40		nsp	00MOA47601620	ELECT. CAP.	47 UF M 16V RA-2
PS14	CI41		nsp	00MOA47701620	ELECT. CAP.	470UF 16V M RA-2
PS14	CI42		nsp	00MOA47701620	ELECT. CAP.	470UF 16V M RA-2
PS14	CI43		nsp	00MOA47701620	ELECT. CAP.	470UF 16V M RA-2
PS14	CI44		nsp	00MOA10702520	ELECT. CAP.	100 UF M 25V RA-2
PS14	CI45		nsp	00MOA10702520	ELECT. CAP.	100 UF M 25V RA-2
PS14	CI46		nsp	00MOA10702520	ELECT. CAP.	100 UF M 25V RA-2
PS14	CK01		nsp	00MDD95471300	CER. CAP.	GRM39CH471J50PT
PS14	CK02		nsp	00MDD95471300	CER. CAP.	GRM39CH471J50PT
PS14	CK04		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PS14	CK05		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PS14	CK07		nsp	00MDD95471300	CER. CAP.	GRM39CH471J50PT
PS14	CK08		nsp	00MDD95471300	CER. CAP.	GRM39CH471J50PT
PS14	CK10		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PS14	CK11		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PS14	CK13		nsp	00MDD95471300	CER. CAP.	GRM39CH471J50PT
PS14	CK14		nsp	00MDD95471300	CER. CAP.	GRM39CH471J50PT
PS14	CK16		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PS14	CK17		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PS14	CK19		nsp	00MDD95471300	CER. CAP.	GRM39CH471J50PT
PS14	CK20		nsp	00MDD95471300	CER. CAP.	GRM39CH471J50PT
PS14	CK22		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PS14	CK23		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PS14	CK25		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CK26		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CK29		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CK30		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CK33		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CK34		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CK37		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CK38		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CM01		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CM05		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CM06		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CM07		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CM08		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CM09		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CM10		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CM11		nsp	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
PS14	CM12		nsp	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
PS14	CM13		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CM14		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CM15		nsp	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
PS14	CM16		nsp	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
PS14	CM17		nsp	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
PS14	CM18		nsp	00MOA10701620	ELECT. CAP.	100 UF M 16V RA-2
PS14	CM19		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CM20		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CM23		nsp	00MDD95471300	CER. CAP.	GRM39CH471J50PT
PS14	CM24		nsp	00MDD95471300	CER. CAP.	GRM39CH471J50PT
PS14	CM25		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CM26		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CM29		nsp	00MDD95471300	CER. CAP.	GRM39CH471J50PT
PS14	CM30		nsp	00MDD95471300	CER. CAP.	GRM39CH471J50PT
PS14	CM31		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CM32		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CM35		nsp	00MDD95471300	CER. CAP.	GRM39CH471J50PT
PS14	CM36		nsp	00MDD95471300	CER. CAP.	GRM39CH471J50PT
PS14	CM37		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CM38		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CM41		nsp	00MDD95471300	CER. CAP.	GRM39CH471J50PT
PS14	CM42		nsp	00MDD95471300	CER. CAP.	GRM39CH471J50PT
PS14	CM50		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PS14	CM51		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PS14	CM52		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CM53		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CM54		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PS14	CM55		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PS14	CM56		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PS14	CM57		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PS14	CM58		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CM59		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CM60		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PS14	CM61		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PS14	CM62		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PS14	CM63		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PS14	CM64		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CM65		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PS14	CM66		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PS14	CM67		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PS14	CM68		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PS14	CM69		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PS14	CM70		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CM71		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CM72		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PS14	CM73		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PS14	CP17		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
PS14	CS01		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PS14	CS02		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PS14	CS04		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PS14	CS05		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PS14	CS07		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PS14	CS08		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PS14	CS10		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PS14	CS11		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PS14	CS14		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PS14	CS15		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PS14	CS17		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PS14	CS18		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PS14	CS20		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PS14	CS21		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PS14	CS23		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PS14	CS24		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PS14	CS26		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PS14	CS27		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PS14	CS29		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PS14	CS30		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PS14	CS33		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PS14	CS34		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PS14	CS36		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PS14	CS37		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PS14	CS40		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PS14	CS41		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PS14	CS43		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PS14	CS44		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PS14	CS46		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PS14	CS47		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PS14	CS49		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PS14	CS50		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PS14	CS53		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PS14	CS54		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PS14	CS56		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PS14	CS57		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PS14	CS61		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CS62		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CS63		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CS64		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CS65		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CS66		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CS67		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CS68		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CS69		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CS70		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CS71		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CS72		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CS73		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CS74		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CS75		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CS76		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CS77		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CS78		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CS79		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CS80		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CS81		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CS82		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2

NOTE "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS

P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PS14	CS83		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CS84		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CS85		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CS86		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CS87		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CS88		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CS89		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CS90		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CS91		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CS92		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CS93		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CS94		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CS95		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CS96		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CS97		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CT01		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CT02		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CT03		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CT04		nsp	00MDD95220300	CER. CAP.	22 PF +- 5 % CG 50V GR39
PS14	CT05		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CT06		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CT07		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CT08		nsp	00MDD95220300	CER. CAP.	22 PF +- 5 % CG 50V GR39
PS14	CT09		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CT10		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CT11		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CT12		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CT13	/N1B	00MEY10601620	00MEY10601620	ELECT CAP.	10UF/ 16V
PS14	CT13	/N1G	00MEY10601620	00MEY10601620	ELECT CAP.	10UF/ 16V
PS14	CT13	/N1S	00MEY10601620	00MEY10601620	ELECT CAP.	10UF/ 16V
PS14	CT14	/N1B	nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
PS14	CT14	/N1G	nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
PS14	CT14	/N1S	nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
PS14	CT15	/N1B	00MEY10601620	00MEY10601620	ELECT CAP.	10UF/ 16V
PS14	CT15	/N1G	00MEY10601620	00MEY10601620	ELECT CAP.	10UF/ 16V
PS14	CT15	/N1S	00MEY10601620	00MEY10601620	ELECT CAP.	10UF/ 16V
PS14	CT16	/N1B	nsp	00MDK96561300	CER. CAP.	W5R 560PF
PS14	CT16	/N1G	nsp	00MDK96561300	CER. CAP.	W5R 560PF
PS14	CT16	/N1S	nsp	00MDK96561300	CER. CAP.	W5R 560PF
PS14	CT17	/N1B	nsp	00MDK96102300	CER. CAP.	1000 PF +- 10 % B 50V GR36
PS14	CT17	/N1G	nsp	00MDK96102300	CER. CAP.	1000 PF +- 10 % B 50V GR36
PS14	CT17	/N1S	nsp	00MDK96102300	CER. CAP.	1000 PF +- 10 % B 50V GR36
PS14	CT18	/N1B	nsp	00MDD95331300	CER. CAP.	330 PF +- 5 % CG 50V
PS14	CT18	/N1G	nsp	00MDD95331300	CER. CAP.	330 PF +- 5 % CG 50V
PS14	CT18	/N1S	nsp	00MDD95331300	CER. CAP.	330 PF +- 5 % CG 50V
PS14	CT19	/N1B	nsp	00MDD95270300	CER. CAP.	27PF (GR39)
PS14	CT19	/N1G	nsp	00MDD95270300	CER. CAP.	27PF (GR39)
PS14	CT19	/N1S	nsp	00MDD95270300	CER. CAP.	27PF (GR39)
PS14	CT20	/N1B	nsp	00MDD95220300	CER. CAP.	22 PF +- 5 % CG 50V GR39
PS14	CT20	/N1G	nsp	00MDD95220300	CER. CAP.	22 PF +- 5 % CG 50V GR39
PS14	CT20	/N1S	nsp	00MDD95220300	CER. CAP.	22 PF +- 5 % CG 50V GR39
PS14	CT21	/N1B	nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CT21	/N1G	nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CT21	/N1S	nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CT22	/N1B	nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CT22	/N1G	nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CT22	/N1S	nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CT23	/N1B	nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CT23	/N1G	nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CT23	/N1S	nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CT24	/N1B	nsp	00MDD95220300	CER. CAP.	22 PF +- 5 % CG 50V GR39
PS14	CT24	/N1G	nsp	00MDD95220300	CER. CAP.	22 PF +- 5 % CG 50V GR39
PS14	CT24	/N1S	nsp	00MDD95220300	CER. CAP.	22 PF +- 5 % CG 50V GR39
PS14	CT25	/N1B	00MEY10601620	00MEY10601620	ELECT CAP.	10UF/ 16V
PS14	CT25	/N1G	00MEY10601620	00MEY10601620	ELECT CAP.	10UF/ 16V
PS14	CT25	/N1S	00MEY10601620	00MEY10601620	ELECT CAP.	10UF/ 16V
PS14	CT26	/N1B	nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PS14	CT26	/N1G	nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
PS14	CT26	/N1S	nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
PS14	CT29		00MEY10601620	00MEY10601620	ELECT CAP.	10UF/ 16V
PS14	CT30		00MEY10601620	00MEY10601620	ELECT CAP.	10UF/ 16V
PS14	CT31		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
PS14	CT32		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
PS14	CT33		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
PS14	CT34		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
PS14	CT51	/N1B	nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CT51	/N1G	nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CT51	/N1S	nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CT52	/N1B	nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CT52	/N1G	nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CT52	/N1S	nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CT53	/N1B	00MEA47505020	00MEA47505020	ELECT CAP.	4.7UF/ 50V
PS14	CT53	/N1G	00MEA47505020	00MEA47505020	ELECT CAP.	4.7UF/ 50V
PS14	CT53	/N1S	00MEA47505020	00MEA47505020	ELECT CAP.	4.7UF/ 50V
PS14	CT54	/N1B	00MEA47505020	00MEA47505020	ELECT CAP.	4.7UF/ 50V
PS14	CT54	/N1G	00MEA47505020	00MEA47505020	ELECT CAP.	4.7UF/ 50V
PS14	CT54	/N1S	00MEA47505020	00MEA47505020	ELECT CAP.	4.7UF/ 50V
PS14	CT55		00MEA47505020	00MEA47505020	ELECT CAP.	4.7UF/ 50V
PS14	CT56		00MEA47505020	00MEA47505020	ELECT CAP.	4.7UF/ 50V
PS14	CT57		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
PS14	CT58		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
PS14	CT59		nsp	00MDD95471300	CER. CAP.	GRM39CH471J50PT
PS14	CT60		nsp	00MDD95471300	CER. CAP.	GRM39CH471J50PT
PS14	CT61	/N1B	nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CT61	/N1G	nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CT61	/N1S	nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CT62	/N1B	nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CT62	/N1G	nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CT62	/N1S	nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CT63	/N1B	00MEA47505020	00MEA47505020	ELECT CAP.	4.7UF/ 50V
PS14	CT63	/N1G	00MEA47505020	00MEA47505020	ELECT CAP.	4.7UF/ 50V
PS14	CT63	/N1S	00MEA47505020	00MEA47505020	ELECT CAP.	4.7UF/ 50V
PS14	CT64	/N1B	00MEA47505020	00MEA47505020	ELECT CAP.	4.7UF/ 50V
PS14	CT64	/N1G	00MEA47505020	00MEA47505020	ELECT CAP.	4.7UF/ 50V
PS14	CT64	/N1S	00MEA47505020	00MEA47505020	ELECT CAP.	4.7UF/ 50V
PS14	CT65		00MEA47505020	00MEA47505020	ELECT CAP.	4.7UF/ 50V
PS14	CT66		00MEA47505020	00MEA47505020	ELECT CAP.	4.7UF/ 50V
PS14	CT67		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
PS14	CT68		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
PS14	CT69		nsp	00MDD95471300	CER. CAP.	GRM39CH471J50PT
PS14	CT70		nsp	00MDD95471300	CER. CAP.	GRM39CH471J50PT
PS14	CT71		00MEA47505020	00MEA47505020	ELECT CAP.	4.7UF/ 50V
PS14	CT72		00MEA47505020	00MEA47505020	ELECT CAP.	4.7UF/ 50V
PS14	CT73		00MEA47505020	00MEA47505020	ELECT CAP.	4.7UF/ 50V
PS14	CT74		00MEA47505020	00MEA47505020	ELECT CAP.	4.7UF/ 50V
PS14	CT75		00MEA47505020	00MEA47505020	ELECT CAP.	4.7UF/ 50V
PS14	CT77		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
PS14	CT78		nsp	00MDK98104200	CER. CAP.	GRM39F104Z16 0.1UF
PS14	CT79		nsp	00MDD95471300	CER. CAP.	GRM39CH471J50PT
PS14	CT80		nsp	00MDD95471300	CER. CAP.	GRM39CH471J50PT
PS14	CT81		00MEA47505020	00MEA47505020	ELECT CAP.	4.7UF/ 50V
PS14	CT82		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CT83		00MEA22601620	00MEA22601620	ELECT CAP.	22UF/ 16V
PS14	CT84		00MEA33601610	00MEA33601610	ELECT CAP.	33UF/ 16V
PS14	CT86		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CT91		00MEA47505020	00MEA47505020	ELECT CAP.	4.7UF/ 50V
PS14	CY01		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PS14	CY02		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PS14	CY03		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PS14	CY04		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PS14	CY05		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PS14	CY06		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PS14	CY07		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP
PS14	CY08		00MOF15471540	00MOF15471540	FILM CAP.	APSV 471J,470PF(TP) 100V PP

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PS14	CY11		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CY13		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PS14	CY14		nsp	00MDD95470300	CER. CAP.	47 PF +- 5 % CG 50V GR39
PS14	CY16		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CY17		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CY18		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CY19		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CY20		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CY21		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CY22		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CY23		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CY24		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CY25		nsp	00MOA10605020	ELECT. CAP.	10 UF M 50V RA-2
PS14	CY31		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CY32		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CY33		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CY34		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	CY35		nsp	00MDD95101300	CER. CAP.	100 PF +- 5 % CG 50V GR39
PS14	DI01		00MHZ30009020	00MHZ30009020	CHIP DIODE	MA8075M 7.5V
PS14	DI02		00MHZ30009020	00MHZ30009020	CHIP DIODE	MA8075M 7.5V
PS14	DI03		00MHZ30471000	00MHZ30471000	CHIP DIODE	MA8047-M 4.7V
PS14	DI04		00MHZ30009020	00MHZ30009020	CHIP DIODE	MA8075M 7.5V
PS14	DI05		00MHZ30009020	00MHZ30009020	CHIP DIODE	MA8075M 7.5V
PS14	DI06		00MHZ30471000	00MHZ30471000	CHIP DIODE	MA8047-M 4.7V
PS14	DI07		00MHZ20001290	00MHZ20001290	CHIP DIODE	D1F60-4063
PS14	DI08		00MHZ20001290	00MHZ20001290	CHIP DIODE	D1F60-4063
PS14	DI09		00MHZ21005000	00MHZ21005000	CHIP DIODE	1SS301,DAN202U UMT TYPE
PS14	DI10		00MHZ21005000	00MHZ21005000	CHIP DIODE	1SS301,DAN202U UMT TYPE
PS14	DI11		00MHZ21005000	00MHZ21005000	CHIP DIODE	1SS301,DAN202U UMT TYPE
PS14	DM01		00MHZ21005000	00MHZ21005000	CHIP DIODE	1SS301,DAN202U UMT TYPE
PS14	DY01		00MHZ21005000	00MHZ21005000	CHIP DIODE	1SS301,DAN202U UMT TYPE
PS14	DY02		00MHZ21005000	00MHZ21005000	CHIP DIODE	1SS301,DAN202U UMT TYPE
PS14	DY03		00MHZ21005000	00MHZ21005000	CHIP DIODE	1SS301,DAN202U UMT TYPE
PS14	DY04		00MHZ21005000	00MHZ21005000	CHIP DIODE	1SS301,DAN202U UMT TYPE
PS14	DY05		00MHZ21005000	00MHZ21005000	CHIP DIODE	1SS301,DAN202U UMT TYPE
PS14	DY13		00MHZ21005000	00MHZ21005000	CHIP DIODE	1SS301,DAN202U UMT TYPE
PS14	JS02		00MYT02060670	00MYT02060670	TERMINAL	14X14 RA 2L6 WH+RE AU F-GROUND
PS14	JS03		00MYT02060670	00MYT02060670	TERMINAL	14X14 RA 2L6 WH+RE AU F-GROUND
PS14	JS04		00MYT02060670	00MYT02060670	TERMINAL	14X14 RA 2L6 WH+RE AU F-GROUND
PS14	JS06		00MYT02041280	00MYT02041280	TERMINAL	14X14 RA 2L4 WH+RE AU F-FROUND
PS14	JS07		00MYT02041280	00MYT02041280	TERMINAL	14X14 RA 2L4 WH+RE AU F-FROUND
PS14	LM01		00MLY20240480	00MLY20240480	RELAY	MR82-24USR
PS14	LM02		00MLY20240480	00MLY20240480	RELAY	MR82-24USR
PS14	LT01	/N1B	00MFM31474010	00MFM31474010	EMI FILTER	NFM2012P13C474R
PS14	LT01	/N1G	00MFM31474010	00MFM31474010	EMI FILTER	NFM2012P13C474R
PS14	LT01	/N1S	00MFM31474010	00MFM31474010	EMI FILTER	NFM2012P13C474R
PS14	LT02	/N1B	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	LT02	/N1G	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	LT02	/N1S	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	LT03	/N1B	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	LT03	/N1G	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	LT03	/N1S	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	LT04	/N1B	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	LT04	/N1G	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	LT04	/N1S	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	LT05	/N1B	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	LT05	/N1G	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	LT05	/N1S	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	LT06	/N1B	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	LT06	/N1G	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	LT06	/N1S	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	LT11	/N1B	00MFM31474010	00MFM31474010	EMI FILTER	NFM2012P13C474R
PS14	LT11	/N1G	00MFM31474010	00MFM31474010	EMI FILTER	NFM2012P13C474R
PS14	LT11	/N1S	00MFM31474010	00MFM31474010	EMI FILTER	NFM2012P13C474R
PS14	LT12	/N1B	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	LT12	/N1G	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	LT12	/N1S	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W

NOTE "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS

P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PS14	LT13	/N1B	00MFM31474010	00MFM31474010	EMI FILTER	NFM2012P13C474R
PS14	LT13	/N1G	00MFM31474010	00MFM31474010	EMI FILTER	NFM2012P13C474R
PS14	LT13	/N1S	00MFM31474010	00MFM31474010	EMI FILTER	NFM2012P13C474R
PS14	LT21		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	LT22		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	LT23		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	LT24		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	LT25		00MFM31474010	00MFM31474010	EMI FILTER	NFM2012P13C474R
PS14	LT26		00MFM31474010	00MFM31474010	EMI FILTER	NFM2012P13C474R
PS14	LT27		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	LT28		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	LT31		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	LT32		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	LT33		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	LT34		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	LT35		00MFM31474010	00MFM31474010	EMI FILTER	NFM2012P13C474R
PS14	LT36		00MFM31474010	00MFM31474010	EMI FILTER	NFM2012P13C474R
PS14	LT37		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	LT38		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	QI01		00MHT700241B0	00MHT700241B0	TRS.	KTB631K PNP TRANSISTOR RANK=Y
PS14	QI02		00MHX800081A0	00MHX800081A0	CHIP TRS.	KTC3911S-GR
PS14	QI03		00MHX600081A0	00MHX600081A0	CHIP TRS.	KTA1517S-GR
PS14	QI04		00MHT900291B0	00MHT900291B0	TRS.	KTD600K NPN TRANSISTOR RANK=Y
PS14	QI05		00MHC10102090	00MHC10102090	IC	NJM2068M-TE1
PS14	QI06		00MHT700241B0	00MHT700241B0	TRS.	KTB631K PNP TRANSISTOR RANK=Y
PS14	QI07		00MHX800081A0	00MHX800081A0	CHIP TRS.	KTC3911S-GR
PS14	QI08		00MHX600081A0	00MHX600081A0	CHIP TRS.	KTA1517S-GR
PS14	QI09		00MHT900291B0	00MHT900291B0	TRS.	KTD600K NPN TRANSISTOR RANK=Y
PS14	QI10		00MHC10102090	00MHC10102090	IC	NJM2068M-TE1
PS14	QI11		00MHC38906990	00MHC38906990	IC	KIA7806API/P
PS14	QI12		00MHC39906990	00MHC39906990	IC	KIA7906PI/P
PS14	QI13		00MHT700241B0	00MHT700241B0	TRS.	KTB631K PNP TRANSISTOR RANK=Y
PS14	QI14		00MHX300012B0	00MHX300012B0	CHIP TRS.	2SC4081(R.S) 2SC4116(GR.BL)
PS14	QK01		00MHC10102090	00MHC10102090	IC	NJM2068M-TE1
PS14	QK02		00MHC10102090	00MHC10102090	IC	NJM2068M-TE1
PS14	QK03		00MHC10102090	00MHC10102090	IC	NJM2068M-TE1
PS14	QK04		00MHC10102090	00MHC10102090	IC	NJM2068M-TE1
PS14	QM01		00MHC10240090	00MHC10240090	IC	NJW1157BFC2
PS14	QM02		00MHC10102090	00MHC10102090	IC	NJM2068M-TE1
PS14	QM03		00MBA20016050	00MBA20016050	TRS.	HN1C03F(B)(NPNX2(MUTING))
PS14	QM04		00MBA20016050	00MBA20016050	TRS.	HN1C03F(B)(NPNX2(MUTING))
PS14	QM06		00MHC10102090	00MHC10102090	IC	NJM2068M-TE1
PS14	QM07		00MBA20016050	00MBA20016050	TRS.	HN1C03F(B)(NPNX2(MUTING))
PS14	QM08		00MBA20016050	00MBA20016050	TRS.	HN1C03F(B)(NPNX2(MUTING))
PS14	QM10		00MBA20035210	00MBA20035210	TRS.	DTC114EU
PS14	QM11		00MHT108172B0	00MHT108172B0	TRS.	2SA817 O OR Y 600MW -300MA
PS14	QM12		00MHC10102090	00MHC10102090	IC	NJM2068M-TE1
PS14	QM13		00MBA20016050	00MBA20016050	TRS.	HN1C03F(B)(NPNX2(MUTING))
PS14	QM14		00MBA20016050	00MBA20016050	TRS.	HN1C03F(B)(NPNX2(MUTING))
PS14	QM15		00MHC10102090	00MHC10102090	IC	NJM2068M-TE1
PS14	QM16		00MBA20016050	00MBA20016050	TRS.	HN1C03F(B)(NPNX2(MUTING))
PS14	QM17		00MBA20016050	00MBA20016050	TRS.	HN1C03F(B)(NPNX2(MUTING))
PS14	QS01		00MHC10102090	00MHC10102090	IC	NJM2068M-TE1
PS14	QS02		00MHC10102090	00MHC10102090	IC	NJM2068M-TE1
PS14	QS03		00MHC10102090	00MHC10102090	IC	NJM2068M-TE1
PS14	QS04		00MHC10102090	00MHC10102090	IC	NJM2068M-TE1
PS14	QS05		00MHC10102090	00MHC10102090	IC	NJM2068M-TE1
PS14	QS06		00MHC10102090	00MHC10102090	IC	NJM2068M-TE1
PS14	QS07		00MHC10102090	00MHC10102090	IC	NJM2068M-TE1
PS14	QS08		00MHC10102090	00MHC10102090	IC	NJM2068M-TE1
PS14	QS09		00MHC10102090	00MHC10102090	IC	NJM2068M-TE1
PS14	QS10		00MHC10466050	00MHC10466050	IC	TC9274N-016 ANALOG SWITCH
PS14	QT01	/N1B	00MHC10404030	00MHC10404030	IC	LC72722 RDS DECODER
PS14	QT01	/N1G	00MHC10404030	00MHC10404030	IC	LC72722 RDS DECODER
PS14	QT01	/N1S	00MHC10404030	00MHC10404030	IC	LC72722 RDS DECODER
PS14	QT02	/N1B	00MHX300012B0	00MHX300012B0	CHIP TRS.	2SC4081(R.S) 2SC4116(GR.BL)
PS14	QT02	/N1G	00MHX300012B0	00MHX300012B0	CHIP TRS.	2SC4081(R.S) 2SC4116(GR.BL)

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PS14	QT02	/N1S	00MHX300012B0	00MHX300012B0	CHIP TRS.	2SC4081(R.S) 2SC4116(GR.BL)
PS14	QT03	/N1B	00MBA20035210	00MBA20035210	TRS.	DTC114EU
PS14	QT03	/N1G	00MBA20035210	00MBA20035210	TRS.	DTC114EU
PS14	QT03	/N1S	00MBA20035210	00MBA20035210	TRS.	DTC114EU
PS14	QT04	/N1B	00MBA10026210	00MBA10026210	TRS.	DTA114EU
PS14	QT04	/N1G	00MBA10026210	00MBA10026210	TRS.	DTA114EU
PS14	QT04	/N1S	00MBA10026210	00MBA10026210	TRS.	DTA114EU
PS14	QT06		00MBA20035210	00MBA20035210	TRS.	DTC114EU
PS14	QT07		00MBA20035210	00MBA20035210	TRS.	DTC114EU
PS14	QT08		00MBA10026210	00MBA10026210	TRS.	DTA114EU
PS14	QT09		00MBA10026210	00MBA10026210	TRS.	DTA114EU
PS14	QT51		00MHC10011090	00MHC10011090	IC	NJM4558M-TE1
PS14	QT52		00MHC10011090	00MHC10011090	IC	NJM4558M-TE1
PS14	QT53		00MHC10102090	00MHC10102090	IC	NJM2068M-TE1
PS14	QY01		00MHC10238090	00MHC10238090	IC	NJU7313AM-TE1
PS14	QY02		00MHC10011090	00MHC10011090	IC	NJM4558M-TE1
PS14	QY03		00MBA20021210	00MBA20021210	TRS.	DTC144EC
PS14	QY04		00MBA20021210	00MBA20021210	TRS.	DTC144EC
PS14	QY05		00MBA20021210	00MBA20021210	TRS.	DTC144EC
PS14	QY06		00MBA20021210	00MBA20021210	TRS.	DTC144EC
PS14	QY07		00MBA20021210	00MBA20021210	TRS.	DTC144EC
PS14	QY08		00MBA20021210	00MBA20021210	TRS.	DTC144EC
PS14	QY09		00MBA20021210	00MBA20021210	TRS.	DTC144EC
PS14	QY10		00MBA10014210	00MBA10014210	TRS.	DTA144EU
PS14	QY11		00MBA10014210	00MBA10014210	TRS.	DTA144EU
PS14	QY12		00MBA10014210	00MBA10014210	TRS.	DTA144EU
PS14	QY13		00MBA10014210	00MBA10014210	TRS.	DTA144EU
PS14	QY14		00MBA10014210	00MBA10014210	TRS.	DTA144EU
PS14	QY15		00MBA10014210	00MBA10014210	TRS.	DTA144EU
PS14	QY16		00MBA10014210	00MBA10014210	TRS.	DTA144EU
PS14	QY18		00MBA20021210	00MBA20021210	TRS.	DTC144EC
PS14	QY23		00MBA20021210	00MBA20021210	TRS.	DTC144EC
PS14	REC5		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	REC6		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	REC7		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RI01		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RI04		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RI05		nsp	00MNN05152610	CHIP RES.	1.5K OHM +- 5% 1/16W
PS14	RI06		nsp	00MNN05821610	CHIP RES.	820 OHM +- 5% 1/16W
PS14	RI07		nsp	00MNN05821610	CHIP RES.	820 OHM +- 5% 1/16W
PS14	RI08		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PS14	RI09		nsp	00MNN05470610	CHIP RES.	47 OHM +- 5% 1/16W
PS14	RI10		nsp	00MNN05470610	CHIP RES.	47 OHM +- 5% 1/16W
PS14	RI11		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PS14	RI12		nsp	00MNN05272610	CHIP RES.	2.7K OHM +- 5% 1/16W
PS14	RI13		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PS14	RI14		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PS14	RI15		nsp	00MNN05562610	CHIP RES.	5.6K OHM +- 5% 1/16W
PS14	RI16		nsp	00MNN05562610	CHIP RES.	5.6K OHM +- 5% 1/16W
PS14	RI17		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RI20		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RI21		nsp	00MNN05152610	CHIP RES.	1.5K OHM +- 5% 1/16W
PS14	RI22		nsp	00MNN05821610	CHIP RES.	820 OHM +- 5% 1/16W
PS14	RI23		nsp	00MNN05821610	CHIP RES.	820 OHM +- 5% 1/16W
PS14	RI24		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PS14	RI25		nsp	00MNN05470610	CHIP RES.	47 OHM +- 5% 1/16W
PS14	RI26		nsp	00MNN05470610	CHIP RES.	47 OHM +- 5% 1/16W
PS14	RI27		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PS14	RI28		nsp	00MNN05272610	CHIP RES.	2.7K OHM +- 5% 1/16W
PS14	RI29		nsp	00MNN05182610	CHIP RES.	1.8K OHM +- 5% 1/16W
PS14	RI30		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PS14	RI31		nsp	00MNN05562610	CHIP RES.	5.6K OHM +- 5% 1/16W
PS14	RI32		nsp	00MNN05562610	CHIP RES.	5.6K OHM +- 5% 1/16W
PS14	RI35		nsp	00MNN05272610	CHIP RES.	2.7K OHM +- 5% 1/16W
PS14	RI36		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PS14	RI37		nsp	00MNN05561610	CHIP RES.	560 OHM +- 5% 1/16W
PS14	RI38		nsp	00MNN05561610	CHIP RES.	560 OHM +- 5% 1/16W

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PS14	RI39		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	RI41		nsp	00MNN05152610	CHIP RES.	1.5K OHM +- 5% 1/16W
PS14	RI42		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PS14	RI44		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PS14	RI45		nsp	00MNN05152610	CHIP RES.	1.5K OHM +- 5% 1/16W
PS14	RI46		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PS14	RI47		nsp	00MNN05182610	CHIP RES.	1.8K OHM +- 5% 1/16W
PS14	RI48		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PS14	RI49		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PS14	RI50		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PS14	RI51		00MNK05470010	00MNK05470010	METAL RES.	47 OHM +-5% 1W ERG1SJ-E
PS14	RI52		00MNK05470010	00MNK05470010	METAL RES.	47 OHM +-5% 1W ERG1SJ-E
PS14	RK01		nsp	00MNN05331610	CHIP RES.	330 OHM +- 5% 1/16W
PS14	RK02		nsp	00MNN05331610	CHIP RES.	330 OHM +- 5% 1/16W
PS14	RK03		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RK04		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RK05		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RK06		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RK07		nsp	00MNN05331610	CHIP RES.	330 OHM +- 5% 1/16W
PS14	RK08		nsp	00MNN05331610	CHIP RES.	330 OHM +- 5% 1/16W
PS14	RK09		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RK10		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RK11		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RK12		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RK13		nsp	00MNN05331610	CHIP RES.	330 OHM +- 5% 1/16W
PS14	RK14		nsp	00MNN05331610	CHIP RES.	330 OHM +- 5% 1/16W
PS14	RK15		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RK16		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RK17		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RK18		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RK19		nsp	00MNN05331610	CHIP RES.	330 OHM +- 5% 1/16W
PS14	RK20		nsp	00MNN05331610	CHIP RES.	330 OHM +- 5% 1/16W
PS14	RK21		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RK22		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RK23		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RK24		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RK25		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	RK29		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	RM01		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	RM02		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RM03		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RM04		nsp	00MNN05392610	CHIP RES.	3.9K OHM +- 5% 1/16W
PS14	RM05		nsp	00MNN05392610	CHIP RES.	3.9K OHM +- 5% 1/16W
PS14	RM06		nsp	00MNN05273610	CHIP RES.	27K OHM +- 5% 1/16W
PS14	RM07		nsp	00MNN05273610	CHIP RES.	27K OHM +- 5% 1/16W
PS14	RM08		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RM09		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RM10		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RM11		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RM12		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PS14	RM13		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RM14		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RM15		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PS14	RM16		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PS14	RM17		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PS14	RM18		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PS14	RM22		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RM23		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RM24		nsp	00MNN05392610	CHIP RES.	3.9K OHM +- 5% 1/16W
PS14	RM25		nsp	00MNN05392610	CHIP RES.	3.9K OHM +- 5% 1/16W
PS14	RM26		nsp	00MNN05273610	CHIP RES.	27K OHM +- 5% 1/16W
PS14	RM27		nsp	00MNN05273610	CHIP RES.	27K OHM +- 5% 1/16W
PS14	RM28		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RM29		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RM30		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RM31		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RM32		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PS14	RM33		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RM34		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RM35		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PS14	RM36		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PS14	RM37		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PS14	RM38		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PS14	RM41		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PS14	RM42		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PS14	RM43		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PS14	RM45		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RM46		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RM47		nsp	00MNN05392610	CHIP RES.	3.9K OHM +- 5% 1/16W
PS14	RM48		nsp	00MNN05392610	CHIP RES.	3.9K OHM +- 5% 1/16W
PS14	RM49		nsp	00MNN05273610	CHIP RES.	27K OHM +- 5% 1/16W
PS14	RM50		nsp	00MNN05273610	CHIP RES.	27K OHM +- 5% 1/16W
PS14	RM51		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RM52		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RM53		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RM54		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RM55		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PS14	RM56		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RM57		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RM58		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PS14	RM59		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PS14	RM60		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PS14	RM61		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PS14	RM63		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RM64		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RM65		nsp	00MNN05392610	CHIP RES.	3.9K OHM +- 5% 1/16W
PS14	RM66		nsp	00MNN05392610	CHIP RES.	3.9K OHM +- 5% 1/16W
PS14	RM67		nsp	00MNN05273610	CHIP RES.	27K OHM +- 5% 1/16W
PS14	RM68		nsp	00MNN05273610	CHIP RES.	27K OHM +- 5% 1/16W
PS14	RM69		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RM70		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RM71		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RM72		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RM73		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PS14	RM74		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RM75		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RM76		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PS14	RM77		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PS14	RM78		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PS14	RM79		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PS14	RM80		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	RS01		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	RS02		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	RS03		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RS04		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RS05		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RS06		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RS07		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	RS08		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	RS09		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RS10		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RS11		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RS12		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RS13		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	RS14		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	RS15		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RS16		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RS17		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RS18		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RS19		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	RS20		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	RS21		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RS22		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RS23		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W

NOTE "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS

P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PS14	RS24		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RS25		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	RS26		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	RS27		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RS28		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RS29		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RS30		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RS31		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	RS32		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	RS33		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RS34		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RS35		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RS36		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RS37		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	RS38		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	RS39		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RS40		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RS41		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RS42		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RS43		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	RS44		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	RS45		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RS46		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RS47		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RS48		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RS49		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	RS50		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	RS51		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RS52		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RS53		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RS54		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RS55		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	RS56		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RS57		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RS58		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RS59		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RS60		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RS61		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RS62		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RS63		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RS64		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RS65		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RS66		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RS67		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RS68		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RS69		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RS70		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RS71		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RS72		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RS73		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RT01		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PS14	RT02		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PS14	RT03		nsp	00MNN05333610	CHIP RES.	33K OHM +- 5% 1/16W
PS14	RT04		nsp	00MNN05333610	CHIP RES.	33K OHM +- 5% 1/16W
PS14	RT07	/N1B	nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RT07	/N1G	nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RT07	/N1S	nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RT08	/N1B	nsp	00MNN05104610	CHIP RES.	100K OHM +- 5% 1/16W
PS14	RT08	/N1G	nsp	00MNN05104610	CHIP RES.	100K OHM +- 5% 1/16W
PS14	RT08	/N1S	nsp	00MNN05104610	CHIP RES.	100K OHM +- 5% 1/16W
PS14	RT09	/N1B	nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PS14	RT09	/N1G	nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PS14	RT09	/N1S	nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PS14	RT10		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PS14	RT21		nsp	00MNN05470610	CHIP RES.	47 OHM +- 5% 1/16W
PS14	RT22		nsp	00MNN05470610	CHIP RES.	47 OHM +- 5% 1/16W
PS14	RT23		nsp	00MNN05470610	CHIP RES.	47 OHM +- 5% 1/16W

NOTE "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS

P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PS14	RT24		nsp	00MNN05470610	CHIP RES.	47 OHM +- 5% 1/16W
PS14	RT25		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RT26		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RT27		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RT28		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RT29	/N1B	nsp	00MNN05153610	CHIP RES.	15K OHM +- 5% 1/16W
PS14	RT29	/N1G	nsp	00MNN05153610	CHIP RES.	15K OHM +- 5% 1/16W
PS14	RT29	/N1S	nsp	00MNN05153610	CHIP RES.	15K OHM +- 5% 1/16W
PS14	RT30	/N1B	nsp	00MNN05153610	CHIP RES.	15K OHM +- 5% 1/16W
PS14	RT30	/N1G	nsp	00MNN05153610	CHIP RES.	15K OHM +- 5% 1/16W
PS14	RT30	/N1S	nsp	00MNN05153610	CHIP RES.	15K OHM +- 5% 1/16W
PS14	RT31	/N1B	nsp	00MNN05153610	CHIP RES.	15K OHM +- 5% 1/16W
PS14	RT31	/N1G	nsp	00MNN05153610	CHIP RES.	15K OHM +- 5% 1/16W
PS14	RT31	/N1S	nsp	00MNN05153610	CHIP RES.	15K OHM +- 5% 1/16W
PS14	RT32	/N1B	nsp	00MNN05153610	CHIP RES.	15K OHM +- 5% 1/16W
PS14	RT32	/N1G	nsp	00MNN05153610	CHIP RES.	15K OHM +- 5% 1/16W
PS14	RT32	/N1S	nsp	00MNN05153610	CHIP RES.	15K OHM +- 5% 1/16W
PS14	RT33	/F N	nsp	00MNN05100610	CHIP RES.	10 OHM +- 5% 1/16W
PS14	RT33	/N1B	nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PS14	RT33	/N1G	nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PS14	RT33	/N1S	nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PS14	RT33	/U1B	nsp	00MNN05100610	CHIP RES.	10 OHM +- 5% 1/16W
PS14	RT33	/U1G	nsp	00MNN05100610	CHIP RES.	10 OHM +- 5% 1/16W
PS14	RT34	/F N	nsp	00MNN05100610	CHIP RES.	10 OHM +- 5% 1/16W
PS14	RT34	/N1B	nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PS14	RT34	/N1G	nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PS14	RT34	/N1S	nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PS14	RT34	/U1B	nsp	00MNN05100610	CHIP RES.	10 OHM +- 5% 1/16W
PS14	RT34	/U1G	nsp	00MNN05100610	CHIP RES.	10 OHM +- 5% 1/16W
PS14	RT35	/F N	nsp	00MNN05100610	CHIP RES.	10 OHM +- 5% 1/16W
PS14	RT35	/N1B	nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PS14	RT35	/N1G	nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PS14	RT35	/N1S	nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PS14	RT35	/U1B	nsp	00MNN05100610	CHIP RES.	10 OHM +- 5% 1/16W
PS14	RT35	/U1G	nsp	00MNN05100610	CHIP RES.	10 OHM +- 5% 1/16W
PS14	RT36	/F N	nsp	00MNN05100610	CHIP RES.	10 OHM +- 5% 1/16W
PS14	RT36	/N1B	nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PS14	RT36	/N1G	nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PS14	RT36	/N1S	nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PS14	RT36	/U1B	nsp	00MNN05100610	CHIP RES.	10 OHM +- 5% 1/16W
PS14	RT36	/U1G	nsp	00MNN05100610	CHIP RES.	10 OHM +- 5% 1/16W
PS14	RT37		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RT38		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RT39		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RT40		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RT41		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RT42		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RT43		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RT44		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RT45		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RT46		nsp	00MNN05151610	CHIP RES.	150 OHM +- 5% 1/16W
PS14	RT47		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PS14	RT48		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PS14	RT49		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PS14	RT50		nsp	00MNN05123610	CHIP RES.	12K OHM +- 5% 1/16W
PS14	RT51		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RT52		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RT53		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RT54		nsp	00MNN05272610	CHIP RES.	2.7K OHM +- 5% 1/16W
PS14	RT55		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PS14	RT56		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PS14	RT60		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	RY01		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PS14	RY02		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PS14	RY03		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RY04		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RY05		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PS14	RY06		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PS14	RY07		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RY08		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RY09		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PS14	RY10		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PS14	RY11		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RY12		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RY13		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PS14	RY14		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PS14	RY15		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RY16		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RY17		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	RY18		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RY19		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RY20		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RY21		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PS14	RY23		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	RY25		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	RY26		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	RY27		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	RY31		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	RY32		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	RY33		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	RY34		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	RY35		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PS14	RY40		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	RY41		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	RY42		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	RY43		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	RY44		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	RY45		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	RY46		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	RY47		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	RY48		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	RY49		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	RY51		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RY52		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PS14	RY54		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PS14	RY55		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PS14	RY56		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PS14	RY57	/F N	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	RY57	/U1B	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	RY57	/U1G	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	RY58	/N1B	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	RY58	/N1G	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	RY58	/N1S	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	RY60	/F N	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	RY60	/U1B	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	RY60	/U1G	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PS14	UK01		nsp	00MNN05470610	CHIP RES.	47 OHM +- 5% 1/16W
PS14	UK02		nsp	00MNN05470610	CHIP RES.	47 OHM +- 5% 1/16W
PS14	UK03		nsp	00MNN05470610	CHIP RES.	47 OHM +- 5% 1/16W
PS14	UK04		nsp	00MNN05470610	CHIP RES.	47 OHM +- 5% 1/16W
PS14	UK05		nsp	00MNN05470610	CHIP RES.	47 OHM +- 5% 1/16W
PS14	UK06		nsp	00MNN05470610	CHIP RES.	47 OHM +- 5% 1/16W
PS14	UK07		nsp	00MNN05470610	CHIP RES.	47 OHM +- 5% 1/16W
PS14	UK08		nsp	00MNN05470610	CHIP RES.	47 OHM +- 5% 1/16W
PS14	XT01	/N1B	00MJX04003260	00MJX04003260	X'TAL	4.332MHZ, AT-49
PS14	XT01	/N1G	00MJX04003260	00MJX04003260	X'TAL	4.332MHZ, AT-49
PS14	XT01	/N1S	00MJX04003260	00MJX04003260	X'TAL	4.332MHZ, AT-49
					1394 PWB (00MWI12AJA02-)	
PV24	CO01		00MEY10701020	00MEY10701020	ELECT CAP.	100UF/ 10V
PV24	CO02		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CO03		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CO04		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CO05		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CO08		00MEY10701020	00MEY10701020	ELECT CAP.	100UF/ 10V

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PV24	CO09		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CO10		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CO11		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CO15		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CO16		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CO31		nsp	00MDK96102300	CER. CAP.	1000 PF +- 10 % B 50V GR36
PV24	CO32		nsp	00MDK96102300	CER. CAP.	1000 PF +- 10 % B 50V GR36
PV24	CO33		nsp	00MDK96102300	CER. CAP.	1000 PF +- 10 % B 50V GR36
PV24	CO51		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CO52		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CO53		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CO54		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CO55		00MEY10601620	00MEY10601620	ELECT CAP.	10UF/ 16V
PV24	CV01		nsp	00MDD95221300	CER. CAP.	220 PF +- 5 % CG 50V GR39
PV24	CV02		nsp	00MDK96105200	CER. CAP.	1UF B 6.3V
PV24	CV03		nsp	00MDD95221300	CER. CAP.	220 PF +- 5 % CG 50V GR39
PV24	CV04		nsp	00MDK96105200	CER. CAP.	1UF B 6.3V
PV24	CV05		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CV06		nsp	00MDK96102300	CER. CAP.	1000 PF +- 10 % B 50V GR36
PV24	CV07		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CV08		nsp	00MDK96102300	CER. CAP.	1000 PF +- 10 % B 50V GR36
PV24	CV09		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CV10		nsp	00MDK96102300	CER. CAP.	1000 PF +- 10 % B 50V GR36
PV24	CV11		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CV12		nsp	00MDK96102300	CER. CAP.	1000 PF +- 10 % B 50V GR36
PV24	CV13		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CV14		nsp	00MDK96102300	CER. CAP.	1000 PF +- 10 % B 50V GR36
PV24	CV15		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CV16		nsp	00MDK96102300	CER. CAP.	1000 PF +- 10 % B 50V GR36
PV24	CV17		00MEY10701020	00MEY10701020	ELECT CAP.	100UF/ 10V
PV24	CV18		nsp	00MDK96102300	CER. CAP.	1000 PF +- 10 % B 50V GR36
PV24	CV19		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CV20		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CV21		nsp	00MDD95150300	CER. CAP.	15 PF +- 5 % CG 50V GR39
PV24	CV22		nsp	00MDD95150300	CER. CAP.	15 PF +- 5 % CG 50V GR39
PV24	CV23		nsp	00MDK96102300	CER. CAP.	1000 PF +- 10 % B 50V GR36
PV24	CV24		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CV25		nsp	00MDK96102300	CER. CAP.	1000 PF +- 10 % B 50V GR36
PV24	CV26		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CV27		nsp	00MDK96102300	CER. CAP.	1000 PF +- 10 % B 50V GR36
PV24	CV28		nsp	00MDK96102300	CER. CAP.	1000 PF +- 10 % B 50V GR36
PV24	CV29		nsp	00MDK96102300	CER. CAP.	1000 PF +- 10 % B 50V GR36
PV24	CV30		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CV31		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CV32		00MEY10701020	00MEY10701020	ELECT CAP.	100UF/ 10V
PV24	CV33		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CV34		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CV35		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CV36		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CV37		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CV38		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CV39		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CV40		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CV41		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CV42		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CV43		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CV44		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CV45		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CV48		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CV51		nsp	00MDK96102300	CER. CAP.	1000 PF +- 10 % B 50V GR36
PV24	CV52		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CV53		00MEY10601620	00MEY10601620	ELECT CAP.	10UF/ 16V
PV24	CV54		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CV55		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CV56		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CV57		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CV58		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PV24	CV60		nsp	00MDK96474200	CER. CAP.	0.47UF/10V B(BJ) +-10%
PV24	CV61		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CV62		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CV63		00MEY10701020	00MEY10701020	ELECT CAP.	100UF/ 10V
PV24	CV64		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CV65		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CV66		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	CV67		00MEY10701020	00MEY10701020	ELECT CAP.	100UF/ 10V
PV24	CV91		00MEY22700690	00MEY22700690	ELECT CAP.	220UF/6.3V LOW LEAKAGE
PV24	CV92		00MEY22700690	00MEY22700690	ELECT CAP.	220UF/6.3V LOW LEAKAGE
PV24	CV93		00MEY10601620	00MEY10601620	ELECT CAP.	10UF/ 16V
PV24	CV95		nsp	00MDK96102300	CER. CAP.	1000 PF +- 10 % B 50V GR36
PV24	CV96		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PV24	FO01		00MFM31474010	00MFM31474010	EMI FILTER	NFM2012P13C474R
PV24	FV01		00MFN21000080	00MFN21000080	EMI FILTER	DLW21HN121SQ2
PV24	FV02		00MFN21000080	00MFN21000080	EMI FILTER	DLW21HN121SQ2
PV24	FV03		00MFN21000080	00MFN21000080	EMI FILTER	DLW21HN121SQ2
PV24	FV04		00MFN21000080	00MFN21000080	EMI FILTER	DLW21HN121SQ2
PV24	FV11		00MFM31474010	00MFM31474010	EMI FILTER	NFM2012P13C474R
PV24	FV12		00MFM31474010	00MFM31474010	EMI FILTER	NFM2012P13C474R
PV24	FV41		00MFM31474010	00MFM31474010	EMI FILTER	NFM2012P13C474R
PV24	FV91		00MFM31474010	00MFM31474010	EMI FILTER	NFM2012P13C474R
PV24	FV92		00MFN31060010	00MFN31060010	EMI FILTER	BLM41P600S PT
PV24	FV93		00MFN31060010	00MFN31060010	EMI FILTER	BLM41P600S PT
PV24	JV01		00MYJ90014660	00MYJ90014660	JACK	CSS5004-1062F 1394 4P CONNECTOR
PV24	JV02		00MYJ90014660	00MYJ90014660	JACK	CSS5004-1062F 1394 4P CONNECTOR
PV24	LO51		00MLU15103010	00MLU15103010	CHIP INDUCTANCE	NL252018 10UH
PV24	QO01		80M11AJA00101	80M11AJA00101	U-PRO	HD64F2367VF33V 1394 CPU
PV24	QO02		80M11AJA00201	80M11AJA00201	U-PRO	M29W800DT70N1 1394 FLASH
PV24	QO14		00MHC011705K0	00MHC011705K0	IC	TC74LCX00FT(EL.K)
PV24	QO15		00MHC009405K0	00MHC009405K0	IC	TC74VHC125FT
PV24	QO51		00MHC005805K0	00MHC005805K0	IC	TC74VHC157FT
PV24	QO52		00MHC005805K0	00MHC005805K0	IC	TC74VHC157FT
PV24	QO53		00MHC011605K0	00MHC011605K0	IC	TC74VHC161FT(EL)
PV24	QO54		00MHC005805K0	00MHC005805K0	IC	TC74VHC157FT
PV24	QV01		00MHC10142370	00MHC10142370	IC	TSB43CA42PGF ICELYNX-MICRO
PV24	QV03		00MHC12250990	00MHC12250990	IC	W986416DH-7 -> W9864G6EH-7 (PBFREE)
PV24	QV41		00MHC10021660	00MHC10021660	IC	PD8112A FLOW RATE CONTROL
PV24	QV42		00MHC10084090	00MHC10084090	IC	NJM2107F JRC
PV24	QV91		00MHC98818990	00MHC98818990	IC	NCP1117STAT3 1.25-18.8V ADJ REG.800MA
PV24	QV95		00MHC10114530	00MHC10114530	IC	S-80810CNNB-B9O-T2 1.0V DTC.
PV24	QV96		00MBA21303000	00MBA21303000	TRS.	DTC124EU,RN1303 UMT TYPE
PV24	QV97		00MBA12303000	00MBA12303000	TRS.	DTA124EU,RN2303 UMT TYPE
PV24	QV98		00MBA12303000	00MBA12303000	TRS.	DTA124EU,RN2303 UMT TYPE
PV24	RO01		00MBW05103350	00MBW05103350	RES. COMPO.	CN1J4TTD103J 10K OHM +/- 5% X4
PV24	RO03		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
PV24	RO04		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
PV24	RO05		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
PV24	RO06		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
PV24	RO07		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
PV24	RO08		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PV24	RO09		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PV24	RO10		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PV24	RO11		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
PV24	RO12		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
PV24	RO13		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
PV24	RO14		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
PV24	RO15		nsp	00MNN05104610	CHIP RES.	100K OHM +- 5% 1/16W
PV24	RO16		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PV24	RO17		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PV24	RO18		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PV24	RO19		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PV24	RO20		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PV24	RO21		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PV24	RO22		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PV24	RO23		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PV24	RO24		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PV24	RO25		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PV24	RO26		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PV24	RO27		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PV24	RO28		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PV24	RO29		00MBW05472350	00MBW05472350	RES. COMPO.	CN1J4TTD472J 4.7K OHM +/- 5% X4
PV24	RO30		00MBW05472350	00MBW05472350	RES. COMPO.	CN1J4TTD472J 4.7K OHM +/- 5% X4
PV24	RO31		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PV24	RO32		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PV24	RO33		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PV24	RO34		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PV24	RO35		00MBW05103350	00MBW05103350	RES. COMPO.	CN1J4TTD103J 10K OHM +/- 5% X4
PV24	RO36		00MBW05103350	00MBW05103350	RES. COMPO.	CN1J4TTD103J 10K OHM +/- 5% X4
PV24	RO37		00MBW05103350	00MBW05103350	RES. COMPO.	CN1J4TTD103J 10K OHM +/- 5% X4
PV24	RO38		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PV24	RO39		nsp	00MNN05220610	CHIP RES.	22 OHM +- 5% 1/16W
PV24	RO40		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PV24	RO41		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PV24	RO42		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PV24	RO43		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PV24	RO47		nsp	00MNN05220610	CHIP RES.	22 OHM +- 5% 1/16W
PV24	RO51		nsp	00MNN05560610	CHIP RES.	56 OHM +- 5% 1/16W
PV24	RO52		nsp	00MNN05560610	CHIP RES.	56 OHM +- 5% 1/16W
PV24	RO53		nsp	00MNN05560610	CHIP RES.	56 OHM +- 5% 1/16W
PV24	RO54		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PV24	RO55		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PV24	RO56		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PV24	RO57		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PV24	RO58		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PV24	RO59		nsp	00MNN05220610	CHIP RES.	22 OHM +- 5% 1/16W
PV24	RO60		nsp	00MNN05220610	CHIP RES.	22 OHM +- 5% 1/16W
PV24	RO61		nsp	00MNN05220610	CHIP RES.	22 OHM +- 5% 1/16W
PV24	RO62		nsp	00MNN05220610	CHIP RES.	22 OHM +- 5% 1/16W
PV24	RO63		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PV24	RO64		nsp	00MNN05560610	CHIP RES.	56 OHM +- 5% 1/16W
PV24	RO65		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PV24	RO66		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PV24	RO67		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PV24	RO68		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PV24	RO69		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PV24	RO70		nsp	00MNN05560610	CHIP RES.	56 OHM +- 5% 1/16W
PV24	RO71		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PV24	RO72		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PV24	RO73		nsp	00MNN05220610	CHIP RES.	22 OHM +- 5% 1/16W
PV24	RO79		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PV24	RO80		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PV24	RO81		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PV24	RV01		00MNM3560G020	00MNM3560G020	CHIP RES.	RK73H1JTTD0560D 56 OHM +/- 0.5% 1/10W
PV24	RV02		00MNM3560G020	00MNM3560G020	CHIP RES.	RK73H1JTTD0560D 56 OHM +/- 0.5% 1/10W
PV24	RV03		00MNM3560G020	00MNM3560G020	CHIP RES.	RK73H1JTTD0560D 56 OHM +/- 0.5% 1/10W
PV24	RV04		00MNM3560G020	00MNM3560G020	CHIP RES.	RK73H1JTTD0560D 56 OHM +/- 0.5% 1/10W
PV24	RV05		00MNM15101020	00MNM15101020	CHIP RES.	RK73H1JTTD5101F 5.1K OHM +/- 1% 1/10W
PV24	RV06		00MNM3560G020	00MNM3560G020	CHIP RES.	RK73H1JTTD0560D 56 OHM +/- 0.5% 1/10W
PV24	RV07		00MNM3560G020	00MNM3560G020	CHIP RES.	RK73H1JTTD0560D 56 OHM +/- 0.5% 1/10W
PV24	RV08		00MNM3560G020	00MNM3560G020	CHIP RES.	RK73H1JTTD0560D 56 OHM +/- 0.5% 1/10W
PV24	RV09		00MNM3560G020	00MNM3560G020	CHIP RES.	RK73H1JTTD0560D 56 OHM +/- 0.5% 1/10W
PV24	RV10		00MNM15101020	00MNM15101020	CHIP RES.	RK73H1JTTD5101F 5.1K OHM +/- 1% 1/10W
PV24	RV11		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PV24	RV12		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PV24	RV13		nsp	00MNN05220610	CHIP RES.	22 OHM +- 5% 1/16W
PV24	RV14		nsp	00MNN05220610	CHIP RES.	22 OHM +- 5% 1/16W
PV24	RV15		00MBW05220350	00MBW05220350	RES. COMPO.	CN1J4TTD220J 22 OHM +/- 5% X4
PV24	RV16		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PV24	RV17		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PV24	RV18		00MNM36341020	00MNM36341020	CHIP RES.	RK73H1JTTD6341D
PV24	RV19		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PV24	RV20		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PV24	RV21		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W

NOTE "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS

P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PV24	RV22		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PV24	RV23		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PV24	RV24		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PV24	RV25		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PV24	RV26		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PV24	RV27		00MBW05103350	00MBW05103350	RES. COMPO.	CN1J4TTD103J 10K OHM +/- 5% X4
PV24	RV28		00MBW05103350	00MBW05103350	RES. COMPO.	CN1J4TTD103J 10K OHM +/- 5% X4
PV24	RV30		00MBW05103350	00MBW05103350	RES. COMPO.	CN1J4TTD103J 10K OHM +/- 5% X4
PV24	RV31		00MBW05102350	00MBW05102350	RES. COMPO.	CN1J4TTD102J 1K OHM +/- 5% X4
PV24	RV32		00MBW05103350	00MBW05103350	RES. COMPO.	CN1J4TTD103J 10K OHM +/- 5% X4
PV24	RV33		00MBW05103350	00MBW05103350	RES. COMPO.	CN1J4TTD103J 10K OHM +/- 5% X4
PV24	RV34		00MBW05103350	00MBW05103350	RES. COMPO.	CN1J4TTD103J 10K OHM +/- 5% X4
PV24	RV35		00MBW05103350	00MBW05103350	RES. COMPO.	CN1J4TTD103J 10K OHM +/- 5% X4
PV24	RV36		nsp	00MNN05220610	CHIP RES.	22 OHM +- 5% 1/16W
PV24	RV37		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PV24	RV38		nsp	00MNN05220610	CHIP RES.	22 OHM +- 5% 1/16W
PV24	RV39		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PV24	RV40		nsp	00MNN05220610	CHIP RES.	22 OHM +- 5% 1/16W
PV24	RV41		nsp	00MNN05220610	CHIP RES.	22 OHM +- 5% 1/16W
PV24	RV42		00MBW05220350	00MBW05220350	RES. COMPO.	CN1J4TTD220J 22 OHM +/- 5% X4
PV24	RV43		nsp	00MNN05220610	CHIP RES.	22 OHM +- 5% 1/16W
PV24	RV44		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PV24	RV45		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PV24	RV46		nsp	00MNN05220610	CHIP RES.	22 OHM +- 5% 1/16W
PV24	RV47		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PV24	RV51		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PV24	RV52		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
PV24	RV53		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PV24	RV54		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PV24	RV55		nsp	00MNN05560610	CHIP RES.	56 OHM +- 5% 1/16W
PV24	RV56		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PV24	RV57		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PV24	RV59		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
PV24	RV60		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PV24	RV61		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PV24	RV62		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PV24	RV63		00MBW05000350	00MBW05000350	RES. COMPO.	CN1J4TTD000J 0 OHM +/- 5% X4
PV24	RV64		00MBW05000350	00MBW05000350	RES. COMPO.	CN1J4TTD000J 0 OHM +/- 5% X4
PV24	RV65		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PV24	RV68		nsp	00MNN05560610	CHIP RES.	56 OHM +- 5% 1/16W
PV24	RV69		nsp	00MNN05560610	CHIP RES.	56 OHM +- 5% 1/16W
PV24	RV70		nsp	00MNN05220610	CHIP RES.	22 OHM +- 5% 1/16W
PV24	RV71		nsp	00MNN05220610	CHIP RES.	22 OHM +- 5% 1/16W
PV24	RV72		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PV24	RV73		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PV24	RV74		nsp	00MNN05220610	CHIP RES.	22 OHM +- 5% 1/16W
PV24	RV75		nsp	00MNN05220610	CHIP RES.	22 OHM +- 5% 1/16W
PV24	RV76		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PV24	RV77		nsp	00MNN05220610	CHIP RES.	22 OHM +- 5% 1/16W
PV24	RV78		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PV24	RV79		nsp	00MNN05223610	CHIP RES.	22K OHM +- 5% 1/16W
PV24	RV80		nsp	00MNN05223610	CHIP RES.	22K OHM +- 5% 1/16W
PV24	RV81		nsp	00MNN05271610	CHIP RES.	270 OHM +- 5% 1/16W
PV24	RV82		nsp	00MNN05123610	CHIP RES.	12K OHM +- 5% 1/16W
PV24	RV83		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
PV24	RV84		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
PV24	RV85		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
PV24	RV86		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
PV24	RV87		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
PV24	RV88		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
PV24	RV89		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
PV24	RV90		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
PV24	RV91		00MNM12200020	00MNM12200020	CHIP RES.	RK73H1JTTD2200F 220 OHM +/- 1% 1/10W
PV24	RV92		00MNM11800020	00MNM11800020	CHIP RES.	RK73H1JTTD1800F 180 OHM +/- 1% 1/10W
PV24	RV93		00MNM11800020	00MNM11800020	CHIP RES.	RK73H1JTTD1800F 180 OHM +/- 1% 1/10W
PV24	RV94		00MBW05101350	00MBW05101350	RES. COMPO.	CN1J4TTD101J 100 OHM X 4
PV24	RV95		nsp	00MNN05183610	CHIP RES.	18K OHM +- 5% 1/16W

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PV24	RV96		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PV24	RV97		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PV24	RV98		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PV24	RV99		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PV24	SO15		00MSS01020900	00MSS01020900	SLIDE SW	SSSS8-12B-12 SLIDE SW
PV24	XV01		00MJX24006350	00MJX24006350	X'TAL	SMD-49 24.576MHZ +- 10 PPM X-TAL
PV24	XV11		00MFQ01605120	00MFQ01605120	CER. VIB.	CSTCE16M0V53-R0
PV24	XV41		00MJX24002470	00MJX24002470	X'TAL	DSO321SV 24.576 MHZ +- 20 PPM
PV24	XV42		00MJX22002470	00MJX22002470	X'TAL	DSO321SV 22.5792MHZ +- 20 PPM
					MAIN CPU PWB (00MWG12AJ502-)	
PW24	CW01		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PW24	CW02		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PW24	CW03		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PW24	CW04		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PW24	CW05		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PW24	CW06		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PW24	CW07		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PW24	CW08		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PW24	CW09		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PW24	CW10		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PW24	CW11		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PW24	CW12		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PW24	CW13		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PW24	CW14		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PW24	CW15		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PW24	CW18		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PW24	CW19		nsp	00MDK96474200	CER. CAP.	0.47UF/10V B(BJ) +-10%
PW24	CW20		nsp	00MDD95220300	CER. CAP.	22 PF +- 5 % CG 50V GR39
PW24	CW21		nsp	00MDD95220300	CER. CAP.	22 PF +- 5 % CG 50V GR39
PW24	CW22		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PW24	CW23		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PW24	CW24		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PW24	CW25		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PW24	CW26		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PW24	CW27		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PW24	CW28		nsp	00MOA10701020	ELECT. CAP.	100 UF M 10V RA-2
PW24	CW29		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PW24	CW30		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PW24	CW31		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PW24	CW32		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PW24	CW33		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PW24	CW34		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PW24	CW35		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PW24	CW36		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PW24	CW37		nsp	00MOA47602520	ELECT. CAP.	47 UF M 25V RA-2
PW24	CW38		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PW24	CW39		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PW24	CW40		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PW24	CW41		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PW24	CW42		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PW24	DW01		00MHZ21005000	00MHZ21005000	CHIP DIODE	1SS301,DAN202U UMT TYPE
PW24	DW02		00MHZ21005000	00MHZ21005000	CHIP DIODE	1SS301,DAN202U UMT TYPE
PW24	DW03		00MHZ20070050	00MHZ20070050	CHIP DIODE	CRG02 0.7A 400V S-FLAT
PW24	DW04		00MHZ21005000	00MHZ21005000	CHIP DIODE	1SS301,DAN202U UMT TYPE
PW24	DW05		00MHI20002210	00MHI20002210	GAS LED GL-350	SIR-34ST3F
PW24	DW06		00MHZ21005000	00MHZ21005000	CHIP DIODE	1SS301,DAN202U UMT TYPE
PW24	DW07		00MHZ21005000	00MHZ21005000	CHIP DIODE	1SS301,DAN202U UMT TYPE
PW24	DW08		00MHZ21005000	00MHZ21005000	CHIP DIODE	1SS301,DAN202U UMT TYPE
PW24	DW09		00MHZ21005000	00MHZ21005000	CHIP DIODE	1SS301,DAN202U UMT TYPE
PW24	DW10		00MHZ21005000	00MHZ21005000	CHIP DIODE	1SS301,DAN202U UMT TYPE
PW24	DW11		00MHZ21005000	00MHZ21005000	CHIP DIODE	1SS301,DAN202U UMT TYPE
PW24	DW12		00MHZ21005000	00MHZ21005000	CHIP DIODE	1SS301,DAN202U UMT TYPE
PW24	JW07		00MYJ01005000	00MYJ01005000	JACK	LGY6501-0900FC
PW24	JW08		00MYJ01004800	00MYJ01004800	JACK	LGY6502-0900FC
PW24	JW09		00MYJ01004790	00MYJ01004790	JACK	HSJ1002-016010
PW24	JW10		00MYJ01004790	00MYJ01004790	JACK	HSJ1002-016010
PW24	JW11		00MYT02060750	00MYT02060750	TERMINAL	YKC21-4780N

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PW24	JW12		00MYP11000220	00MYP11000220	PLUG	DZ101A1-B2
PW24	JW13		00MYJ01004790	00MYJ01004790	JACK	HSJ1002-016010
PW24	JW14		00MYJ01004790	00MYJ01004790	JACK	HSJ1002-016010
PW24	LW03		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PW24	LW08		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PW24	LW09		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PW24	LW10		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PW24	LW11		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PW24	LW12		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PW24	LW13		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PW24	LW14		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PW24	LW15		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PW24	LW16		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PW24	LW17		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PW24	LW18		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PW24	LW19		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PW24	LW20		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PW24	LW21		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PW24	LW22		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PW24	LW23		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PW24	LW24		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PW24	LW25		00MFC90020210	00MFC90020210	FERRITE CORE	MLB-1608-1000A-N2
PW24	QW01		80M11AJ500101	80M11AJ500101	U-PRO	HD64F2505FC26DV MAIN CPU
PW24	QW02		00MHC10204990	00MHC10204990	IC	ST202ECWR OR HIN202ECB-TE2
PW24	QW03		00MHC10009980	00MHC10009980	IC	S-80828CNUA-B8N-T2
PW24	QW04		00MBA10026210	00MBA10026210	TRS.	DTA114EU
PW24	QW05		00MBA21303000	00MBA21303000	TRS.	DTC124EU,RN1303 UMT TYPE
PW24	QW06		00MHC10476990	00MHC10476990	IC	AT24C32AN-10SU-2.7
PW24	QW07		00MHC705200Z0	00MHC705200Z0	IC	74HC4052 16PIN FP
PW24	QW08		00MHC10384050	00MHC10384050	IC	TC7S66FU
PW24	QW09		00MHW10005210	00MHW10005210	PHOTO UNIT	RPM6936 IR RECEIVER 36KHZ
PW24	QW10		00MBA10026210	00MBA10026210	TRS.	DTA114EU
PW24	QW11		00MBA10026210	00MBA10026210	TRS.	DTA114EU
PW24	QW12		00MBA10026210	00MBA10026210	TRS.	DTA114EU
PW24	QW13		00MBA10026210	00MBA10026210	TRS.	DTA114EU
PW24	QW14		00MBA10026210	00MBA10026210	TRS.	DTA114EU
PW24	QW15		00MBA10026210	00MBA10026210	TRS.	DTA114EU
PW24	QW16		00MBA10026210	00MBA10026210	TRS.	DTA114EU
PW24	QW17		00MHX300012A0	00MHX300012A0	CHIP TRS.	2SC4081 (Q,R) 2SC4116 (Y,GR)
PW24	QW18		00MBA10026210	00MBA10026210	TRS.	DTA114EU
PW24	QW19		00MHT600141B0	00MHT600141B0	TRS.	KTA1271 PNP TRANSISTOR RANK=Y
PW24	QW20		00MBA21303000	00MBA21303000	TRS.	DTC124EU,RN1303 UMT TYPE
PW24	QW21		00MBA10026210	00MBA10026210	TRS.	DTA114EU
PW24	QW22		00MHT600141B0	00MHT600141B0	TRS.	KTA1271 PNP TRANSISTOR RANK=Y
PW24	QW23		00MBA21303000	00MBA21303000	TRS.	DTC124EU,RN1303 UMT TYPE
PW24	QW24		00MBA10026210	00MBA10026210	TRS.	DTA114EU
PW24	QW25		00MHT600141B0	00MHT600141B0	TRS.	KTA1271 PNP TRANSISTOR RANK=Y
PW24	QW26		00MBA21303000	00MBA21303000	TRS.	DTC124EU,RN1303 UMT TYPE
PW24	QW27		00MBA10026210	00MBA10026210	TRS.	DTA114EU
PW24	QW28		00MHT600141B0	00MHT600141B0	TRS.	KTA1271 PNP TRANSISTOR RANK=Y
PW24	QW29		00MBA21303000	00MBA21303000	TRS.	DTC124EU,RN1303 UMT TYPE
PW24	▲ QW30		00MHW10006320	00MHW10006320	PHOTO UNIT	!PC-817 PHOTO CUPLER 1PAIR
PW24	QW31		00MBA21303000	00MBA21303000	TRS.	DTC124EU,RN1303 UMT TYPE
PW24	QW32		00MHC10440050	00MHC10440050	IC	TC7SH08FU 932211931682
PW24	QW33		00MHC007505K0	00MHC007505K0	IC	TC74VHCT08AFT EL X4 2INPUT AND
PW24	RW01		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PW24	RW02		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PW24	RW03		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PW24	RW04		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PW24	RW05		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PW24	RW06		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PW24	RW07		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PW24	RW08		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PW24	RW09		nsp	00MNN05332610	CHIP RES.	3.3K OHM +- 5% 1/16W
PW24	RW10		nsp	00MNN05682610	CHIP RES.	6.8K OHM +- 5% 1/16W
PW24	RW11		nsp	00MNN05474610	CHIP RES.	470K OHM +- 5% 1/16W
PW24	RW12		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W

NOTE "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS

P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PW24	RW13		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PW24	RW14		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PW24	RW15		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PW24	RW16		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PW24	RW17		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PW24	RW18		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PW24	RW19		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PW24	RW20		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PW24	RW21		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PW24	RW22		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PW24	RW23		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PW24	RW24		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PW24	RW25		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PW24	RW26		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PW24	RW27		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PW24	RW28	/F N	nsp	00MNN05104610	CHIP RES.	100K OHM +- 5% 1/16W
PW24	RW28	/N1B	nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PW24	RW28	/N1G	nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PW24	RW28	/N1S	nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PW24	RW28	/U1B	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PW24	RW28	/U1G	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PW24	RW29	/F N	nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PW24	RW29	/N1B	nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PW24	RW29	/N1G	nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PW24	RW29	/N1S	nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PW24	RW31		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PW24	RW32		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PW24	RW33		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PW24	RW34		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PW24	RW35		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PW24	RW36		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PW24	RW37		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PW24	RW38		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PW24	RW39		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PW24	RW40		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PW24	RW41		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PW24	RW42		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PW24	RW43		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PW24	RW44		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PW24	RW45		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PW24	RW46		nsp	00MNN05470610	CHIP RES.	47 OHM +- 5% 1/16W
PW24	RW47		nsp	00MNN05470610	CHIP RES.	47 OHM +- 5% 1/16W
PW24	RW48		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PW24	RW49		nsp	00MNN05183610	CHIP RES.	18K OHM +- 5% 1/16W
PW24	RW50		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PW24	RW51		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PW24	RW52		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PW24	RW53		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PW24	RW54		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PW24	RW56		nsp	00MNN05223610	CHIP RES.	22K OHM +- 5% 1/16W
PW24	RW57		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PW24	RW58		nsp	00MNN05682610	CHIP RES.	6.8K OHM +- 5% 1/16W
PW24	RW59		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PW24	RW60		00MRI05100140	00MRI05100140	CHIP RES.	10 OHM +- 5% ERJ 14
PW24	RW62		nsp	00MNN05223610	CHIP RES.	22K OHM +- 5% 1/16W
PW24	RW63		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PW24	RW64		nsp	00MNN05682610	CHIP RES.	6.8K OHM +- 5% 1/16W
PW24	RW65		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PW24	RW66		00MRI05100140	00MRI05100140	CHIP RES.	10 OHM +- 5% ERJ 14
PW24	RW68		nsp	00MNN05223610	CHIP RES.	22K OHM +- 5% 1/16W
PW24	RW69		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PW24	RW70		nsp	00MNN05682610	CHIP RES.	6.8K OHM +- 5% 1/16W
PW24	RW71		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PW24	RW72		00MRI05100140	00MRI05100140	CHIP RES.	10 OHM +- 5% ERJ 14
PW24	RW74		nsp	00MNN05223610	CHIP RES.	22K OHM +- 5% 1/16W
PW24	RW75		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PW24	RW76		nsp	00MNN05682610	CHIP RES.	6.8K OHM +- 5% 1/16W

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PW24	RW77		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PW24	RW78		00MRI05100140	00MRI05100140	CHIP RES.	10 OHM +- 5% ERJ 14
PW24	RW79		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PW24	RW80		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PW24	RW81		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PW24	RW82		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PW24	RW83		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PW24	RW84		nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PW24	RW85		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PW24	RW86		nsp	00MNN05472610	CHIP RES.	4.7K OHM +- 5% 1/16W
PW24	RW87		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PW24	RW88		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PW24	RW89		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PW24	RW90		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PW24	RW91		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PW24	RW92		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PW24	RW96	/U1B	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PW24	RW96	/U1G	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PW24	RW97	/N1B	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PW24	RW97	/N1G	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PW24	RW97	/N1S	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PW24	RW99	/F N	nsp	00MNN05000610	CHIP RES.	0 OHM +- 5% 1/16W
PW24	SW01		00MSP02022320	00MSP02022320	PUSH SW	PUSH SW (SPUJ191000) W/KNOB
PW24	XW01		00MJX12006350	00MJX12006350	X'TAL	SMD-49 12.288MHZ
					HDMI PWB (00MWI12AJC01-)	
PX14	CX01		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX03		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX05		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX06		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX07		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX08		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PX14	CX09		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PX14	CX10		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX11		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX12		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX13		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX14		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX16		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX18		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX19		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX20		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX21		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX22		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX23		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX24		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX25		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX26		nsp	00MDD95180300	CER. CAP.	18PF (GR39)
PX14	CX27		nsp	00MDD95180300	CER. CAP.	18PF (GR39)
PX14	CX28		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX29		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX30		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX31		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX32		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX33		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX34		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX35		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX36		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX38		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX39		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PX14	CX40		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX42		nsp	00MDK96103300	CER. CAP.	0.01UF +-10% 50V C1608JB1H103K
PX14	CX43		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX44		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX45		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX46		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX48		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX49		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PX14	CX50		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX51		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX53		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX55		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX56		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX57		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX58		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX61		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX62		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX63		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX64		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX65		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX66		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	CX67		nsp	00MDK96104300	CER. CAP.	C1608X7R1H104K
PX14	DX01		00MHZ20039050	00MHZ20039050	CHIP DIODE	1SS378
PX14	DX02		00MHZ20039050	00MHZ20039050	CHIP DIODE	1SS378
PX14	FX01		00MFM31474010	00MFM31474010	EMI FILTER	NFM2012P13C474R
PX14	FX02		00MFM31474010	00MFM31474010	EMI FILTER	NFM2012P13C474R
PX14	JX02		00MYJ90014600	00MYJ90014600	JACK	HDMI TERMINAL DC1R019JDA
PX14	JX03		00MYJ90014600	00MYJ90014600	JACK	HDMI TERMINAL DC1R019JDA
PX14	JX04		00MYJ90014600	00MYJ90014600	JACK	HDMI TERMINAL DC1R019JDA
PX14	LX01		00MLU17103010	00MLU17103010	CHIP INDUCTANCE	NLC322522 10UH
PX14	LX02		00MLU17103010	00MLU17103010	CHIP INDUCTANCE	NLC322522 10UH
PX14	LX03		00MLU17103010	00MLU17103010	CHIP INDUCTANCE	NLC322522 10UH
PX14	LX04		00MLU17103010	00MLU17103010	CHIP INDUCTANCE	NLC322522 10UH
PX14	LX05		00MFN21000070	00MFN21000070	EMI FILTER	ACM2012H-900-2P
PX14	LX06		00MFN21000070	00MFN21000070	EMI FILTER	ACM2012H-900-2P
PX14	LX07		00MFN21000070	00MFN21000070	EMI FILTER	ACM2012H-900-2P
PX14	LX08		00MFN21000070	00MFN21000070	EMI FILTER	ACM2012H-900-2P
PX14	QX01		00MHC98818990	00MHC98818990	IC	NCP1117STAT3 1.25-18.8V ADJ REG.800MA
PX14	QX02		00MHC98818990	00MHC98818990	IC	NCP1117STAT3 1.25-18.8V ADJ REG.800MA
PX14	QX03		00MHC007505K0	00MHC007505K0	IC	TC74VHCT08AFT EL X4 2INPUT AND
PX14	QX04		00MHC10028990	00MHC10028990	IC	AT24C02N-10SI-2.7 2KBIT EEPROM
PX14	QX05		00MHC011305K0	00MHC011305K0	IC	TC7MZ4052FK(EL)
PX14	QX06		00MHY22010050	00MHY22010050	CHIP FET	HN1K05FU 2SK2824 X 2
PX14	QX07		00MHC10028990	00MHC10028990	IC	AT24C02N-10SI-2.7 2KBIT EEPROM
PX14	QX08		00MHC011305K0	00MHC011305K0	IC	TC7MZ4052FK(EL)
PX14	QX09		00MHY22010050	00MHY22010050	CHIP FET	HN1K05FU 2SK2824 X 2
PX14	QX10		nsp	nsp	IC	SII9031CTU-7
PX14	QX11		nsp	nsp	IC	SII9030CTU-7
PX14	QX12		00MHC705300Z0	00MHC705300Z0	IC	74HC4053
PX14	QX13		00MHC10031770	00MHC10031770	IC	RN5RZ50B-TR
PX14	QX14		00MHY22010050	00MHY22010050	CHIP FET	HN1K05FU 2SK2824 X 2
PX14	QX15		00MBA21303000	00MBA21303000	TRS.	DTC124EU,RN1303 UMT TYPE
PX14	QX16		00MBA21303000	00MBA21303000	TRS.	DTC124EU,RN1303 UMT TYPE
PX14	QX17		00MBA21303000	00MBA21303000	TRS.	DTC124EU,RN1303 UMT TYPE
PX14	QX18		00MBA10026210	00MBA10026210	TRS.	DTA114EU
PX14	QX19		00MBA21303000	00MBA21303000	TRS.	DTC124EU,RN1303 UMT TYPE
PX14	QX20		00MBA10026210	00MBA10026210	TRS.	DTA114EU
PX14	QX21		00MBA21303000	00MBA21303000	TRS.	DTC124EU,RN1303 UMT TYPE
PX14	RX01		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PX14	RX02		nsp	00MNN05181610	CHIP RES.	180 OHM +- 5% 1/16W
PX14	RX03		nsp	00MNN05181610	CHIP RES.	180 OHM +- 5% 1/16W
PX14	RX04		nsp	00MNN05221610	CHIP RES.	220 OHM +- 5% 1/16W
PX14	RX05		nsp	00MNN05820610	CHIP RES.	82 OHM +- 5% 1/16W
PX14	RX06		nsp	00MNN05150610	CHIP RES.	15 OHM +- 5% 1/16W
PX14	RX07		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PX14	RX08		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PX14	RX09		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PX14	RX10		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PX14	RX11		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PX14	RX12		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PX14	RX13		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PX14	RX14		nsp	00MNN05332610	CHIP RES.	3.3K OHM +- 5% 1/16W
PX14	RX15		nsp	00MNN05682610	CHIP RES.	6.8K OHM +- 5% 1/16W
PX14	RX16		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PX14	RX17		nsp	00MNN05332610	CHIP RES.	3.3K OHM +- 5% 1/16W

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MJI)	PART NAME	DESCRIPTION
PX14	RX18		nsp	00MNN05682610	CHIP RES.	6.8K OHM +- 5% 1/16W
PX14	RX19		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PX14	RX20		nsp	00MNN05223610	CHIP RES.	22K OHM +- 5% 1/16W
PX14	RX21		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PX14	RX22		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PX14	RX23		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PX14	RX24		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PX14	RX25		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PX14	RX26		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PX14	RX27		nsp	00MNN05102610	CHIP RES.	1K OHM +- 5% 1/16W
PX14	RX28		nsp	00MNN05223610	CHIP RES.	22K OHM +- 5% 1/16W
PX14	RX29		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PX14	RX30		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PX14	RX31		nsp	00MNN05220610	CHIP RES.	22 OHM +- 5% 1/16W
PX14	RX32		00MBW05220350	00MBW05220350	RES. COMPO.	CN1J4TTD220J 22 OHM +/- 5% X4
PX14	RX33		00MBW05220350	00MBW05220350	RES. COMPO.	CN1J4TTD220J 22 OHM +/- 5% X4
PX14	RX34		nsp	00MNN05220610	CHIP RES.	22 OHM +- 5% 1/16W
PX14	RX35		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
PX14	RX36		nsp	00MNN05105610	CHIP RES.	1M OHM +- 5% 1/16W
PX14	RX37		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PX14	RX38		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PX14	RX39		00MBW05220350	00MBW05220350	RES. COMPO.	CN1J4TTD220J 22 OHM +/- 5% X4
PX14	RX40		00MBW05220350	00MBW05220350	RES. COMPO.	CN1J4TTD220J 22 OHM +/- 5% X4
PX14	RX41		00MBW05220350	00MBW05220350	RES. COMPO.	CN1J4TTD220J 22 OHM +/- 5% X4
PX14	RX42		00MBW05220350	00MBW05220350	RES. COMPO.	CN1J4TTD220J 22 OHM +/- 5% X4
PX14	RX43		00MBW05220350	00MBW05220350	RES. COMPO.	CN1J4TTD220J 22 OHM +/- 5% X4
PX14	RX44		00MBW05220350	00MBW05220350	RES. COMPO.	CN1J4TTD220J 22 OHM +/- 5% X4
PX14	RX45		00MBW05220350	00MBW05220350	RES. COMPO.	CN1J4TTD220J 22 OHM +/- 5% X4
PX14	RX47		nsp	00MNN05181610	CHIP RES.	180 OHM +- 5% 1/16W
PX14	RX48		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PX14	RX49		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PX14	RX50		nsp	00MNN05750610	CHIP RES.	75 OHM +-5% 1/16W
PX14	RX51		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PX14	RX52		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PX14	RX53		nsp	00MNN05682610	CHIP RES.	6.8K OHM +- 5% 1/16W
PX14	RX54		nsp	00MNN05332610	CHIP RES.	3.3K OHM +- 5% 1/16W
PX14	RX55		nsp	00MNN05473610	CHIP RES.	47K OHM +- 5% 1/16W
PX14	RX56		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PX14	RX57		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PX14	RX58		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PX14	RX59		nsp	00MNN05182610	CHIP RES.	1.8K OHM +- 5% 1/16W
PX14	RX60		nsp	00MNN05182610	CHIP RES.	1.8K OHM +- 5% 1/16W
PX14	RX61		nsp	00MNN05471610	CHIP RES.	470 OHM +- 5% 1/16W
PX14	RX62		00MNP05000610	00MNP05000610	CHIP RES.	0 OHM 1/16W
PX14	RX63		00MNP05000610	00MNP05000610	CHIP RES.	0 OHM 1/16W
PX14	RX64		00MNP05000610	00MNP05000610	CHIP RES.	0 OHM 1/16W
PX14	RX65		00MNP05000610	00MNP05000610	CHIP RES.	0 OHM 1/16W
PX14	RX66		00MNP05000610	00MNP05000610	CHIP RES.	0 OHM 1/16W
PX14	RX67		00MNP05000610	00MNP05000610	CHIP RES.	0 OHM 1/16W
PX14	RX68		00MNP05000610	00MNP05000610	CHIP RES.	0 OHM 1/16W
PX14	RX69		00MNP05000610	00MNP05000610	CHIP RES.	0 OHM 1/16W
PX14	RX70		nsp	00MNN05103610	CHIP RES.	10K OHM +- 5% 1/16W
PX14	RX71		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PX14	RX72		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PX14	RX73		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PX14	RX74		nsp	00MNN05222610	CHIP RES.	2.2K OHM +- 5% 1/16W
PX14	RX75		nsp	00MNN05101610	CHIP RES.	100 OHM +- 5% 1/16W
PX14	RX76		nsp	00MNN05273610	CHIP RES.	27K OHM +- 5% 1/16W
PX14	RX77		nsp	00MNN05330610	CHIP RES.	33 OHM +- 5% 1/16W
PX14	XX01		00MJX27001350	00MJX27001350	X'TAL	27.00MHZ X-TAL

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