DENON

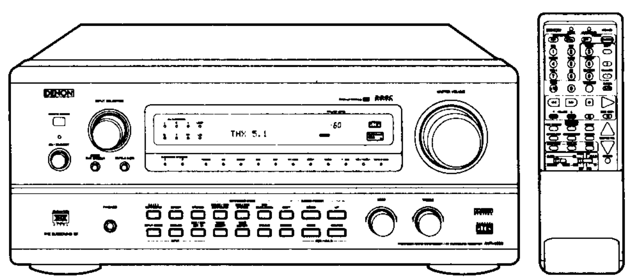
Hi-Fi Component

SERVICE MANUAL

MODEL AVR-4800
MODEL AVC-A10SE

1 AVR4800S/M

AV SURROUND RECEIVER / AMPLIFIER



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● **Some illustrations using in this service manual are slightly different from the actual set.**

NIPPON COLUMBIA CO., LTD.

SAFETY PRECAUTIONS

The following check should be performed for the continued protection of the customer and service technician.

LEAKAGE CURRENT CHECK

Before returning the unit to the customer, make sure you make either (1) a leakage current check or (2) a line to chassis resistance check. If the leakage current exceeds 0.5 milliamps, or if the resistance from chassis to either side of the power cord is less than 460 kohms, the unit is defective.

SPECIFICATIONS

Audio Section

Power Amplifier	Stereo
Rated output:	(2ch driven): 125 W + 125 W (8 Ω/ohms, 20 Hz ~ 20 kHz with 0.05 % T.H.D.)
(All properties shown are only	130 W + 130 W (8 Ω/ohms, 1 kHz with 0.7 % T.H.D.)
for the power amplifier stage.)	Surround: 125 W × 5 ch (8 Ω/ohms, 1 kHz with 0.7 % T.H.D.)
Dynamic Power:	170 W × 2 ch (8 Ω/ohms), 270 W × 2 ch (4 Ω/ohms), 350 W × 2 ch (2 Ω/ohms)
Output terminals:	Front/Center: 6 ~ 16 Ω/ohms
	Surround: A or B 6 ~ 16 Ω/ohms, A + B 8 ~ 16 Ω/ohms
Analog	
Input sensitivity/Input impedance:	200 mV/47 kΩ/kohms
Frequency response:	10 Hz ~ 100 kHz: +0, –3 dB (DIRECT mode)
S/N:	105 dB (DIRECT mode)
Distortion:	0.005 % (20 Hz ~ 20 kHz)(DIRECT mode)
Rated output/Maximum output:	1.2 V/8 V
Digital	
D/A output:	Rated output - 2 V (at 0 dB playback)
	Total harmonic distortion - 0.005 % (1 kHz, at 0 dB)
	S/N ratio - 105 dB
	Dynamic range - 96 dB
Digital input:	Format - Digital audio interface
Phono equalizer (PHONO input-REC OUT)	
Input sensitivity:	2.5 mV
RIAA deviation:	±1 dB (20 Hz ~ 20 kHz)
Signal-to-noise ratio:	74 dB (A weighting, with 5 mV input)
Rated output/Maximum output:	150 mV/8 V
Distortion:	0.03 % (1 kHz, 3 V)

Video Section

Standard Video Jacks	
Input/output level and impedance:	1 Vp-p, 75 Ω/ohms
Frequency response:	5 Hz ~ 10 MHz: +0, –3 dB
S-Video Jacks	
Input/output level and impedance:	Y (brightness) signal - 1 Vp-p, 75 Ω/ohms
	C (color) signal - 0.286 Vp-p, 75 Ω/ohms
Frequency response:	5 Hz ~ 10 MHz: +0, –3 dB
Color component video terminal	
Input/output level and impedance:	Y (brightness) signal - 1 Vp-p, 75 Ω/ohms
	Cb (blue) signal - 0.7 Vp-p, 75 Ω/ohms
	Cr (red) signal - 0.7 Vp-p, 75 Ω/ohms
Frequency response:	5 Hz ~ 20 MHz: +0, –3 dB

Tuner section (AVR-4800 only)

	[FM] (note: μV at 75 Ω/ohms, 0 dBf = 1 × 10^{-15} W), **[AM]**
Receiving range:	87.5 MHz~107.9 MHz(U.S.A. and Canada models),87.5 MHz~108.0 MHz(Europe, Asia, China and Taiwan R.O.C.models)
	520 kHz~1710 kHz(U.S.A. and Canada models),522kHz~1611 kHz(Europe, Asia, China and Taiwan R.O.C.models)
Usable sensitivity:	1.0 μV (11.2 dBf) 18μV
50 dB quieting sensitivity:	MONO: 1.6 μV (15.3 dBf)
	STEREO: 23 μV (38.5 dBf)
Signal-to-noise ratio(IHF-A):	MONO: 80 dB
	STEREO: 75 dB
Total harmonic distortion(at 1kHz):	MONO: 0.15 %
	STEREO: 0.3 %

General

Power supply:	AC120 V, 60 Hz (U.S.A., Canada and Taiwan R.O.C. models)
	AC230 V, 50 Hz (Europe model), AC220 V, 50 Hz (China model)
Power Consumption:	10.9 A (U.S.A. and Canada models), 690 W (Europe, Asia and China models), 620W (Taiwan R.O.C. model)
Maximum external dimensions:	434 (W) × 181 (H) × 494 (D) mm (17-3/32″ × 7-1/8″ × 19-29/64″)
Mass:	21.5 kg (47 lbs, 6 oz)

Remote control unit (RC-869)

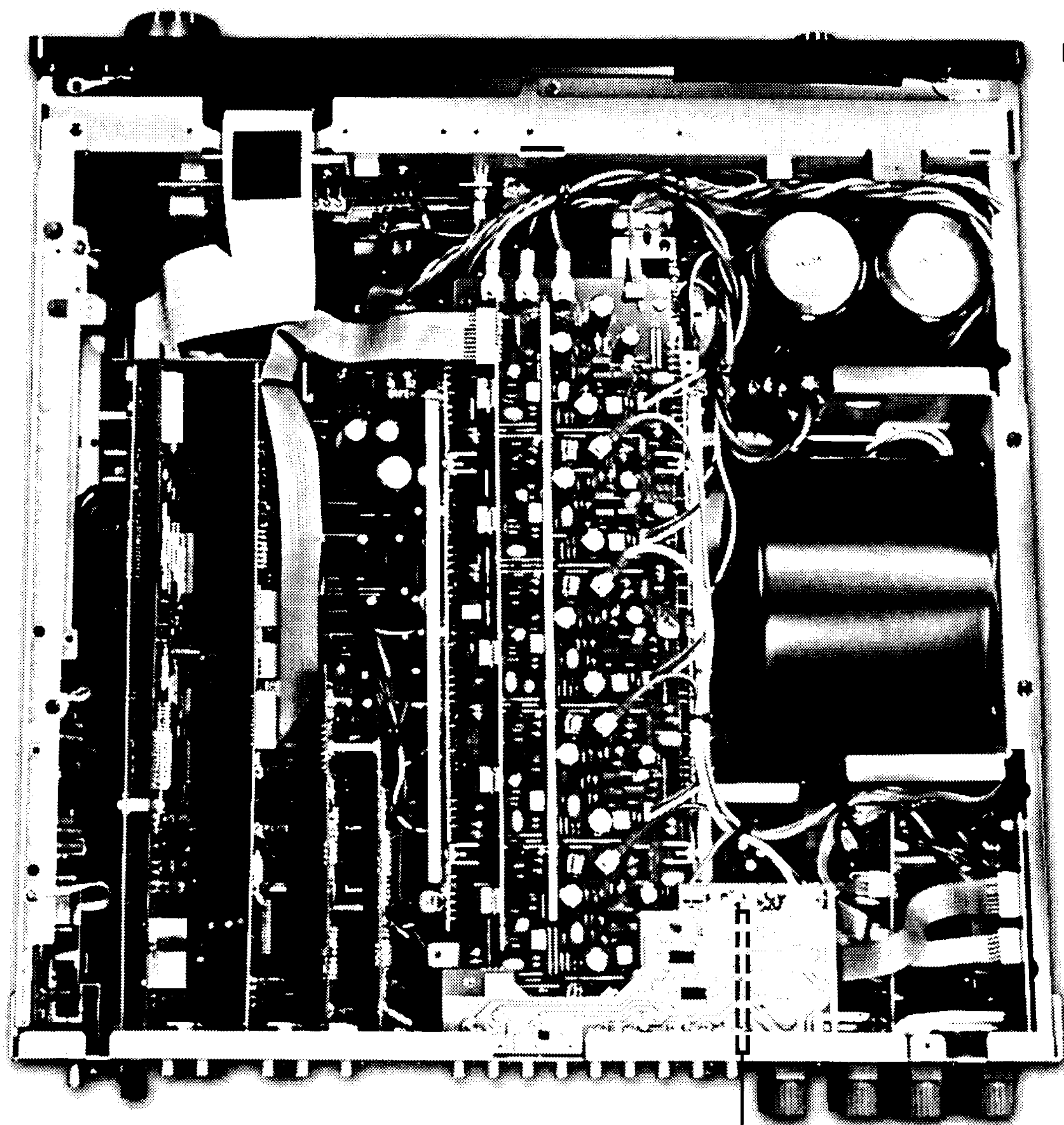
Batteries:	R6P/AA Type (two batteries)
External dimensions:	70(W) × 215 (H) × 24 (D) mm (2-3/4″ × 8-15/32″ × 15/16″)
Mass:	200 g (Approx. 7 oz) (including batteries)

*For purposes of improvement, specification and design are subject to change without notice.

WIRE ARRANGEMENT

If wire bundles are untied or moved to perform adjustment or parts replacement etc.,be sure to rearrange them neatly as they were originally bundled or placed afterward.
Otherwise, incorrect arrangement can be a cause of noise generation.

Wire arrangement viewed from the top



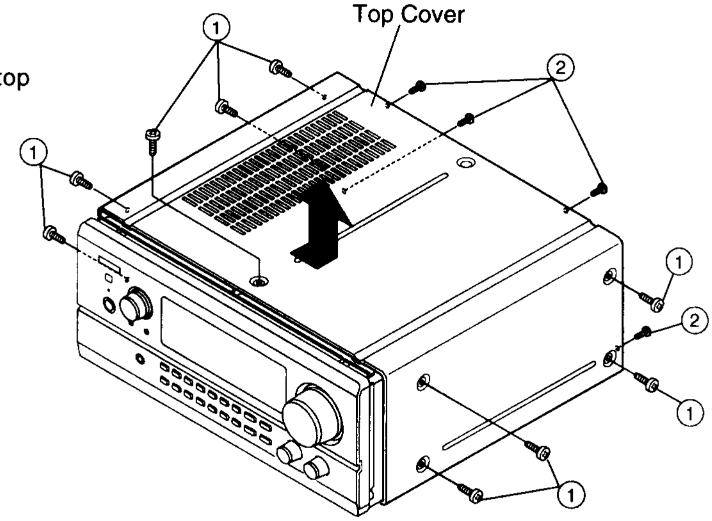
Note:
To avoid touching to the primary circuit, be sure to pass through 3 ribbon wires arranged by the Back Panel (wires connecting to the Comp. Video P.W.B., Multi IR P.W.B., and SP 1 P.W.B.) on the component side of the Multi IR P.W.B.

DISASSEMBLY

(Follow the procedure below in reverse order when reassembling)

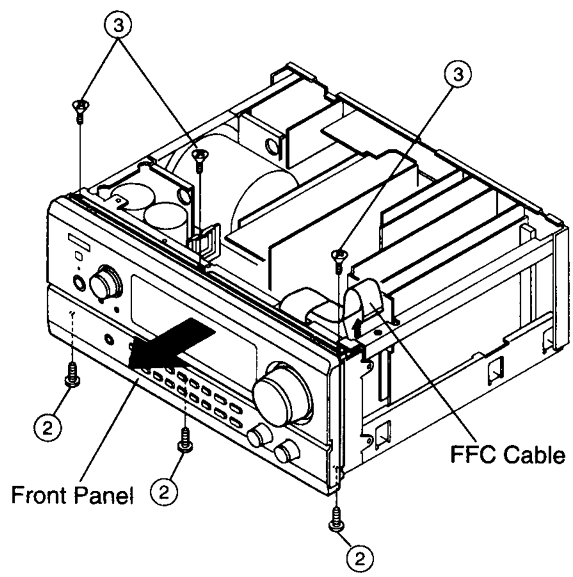
Top Cover

(1) Remove 9 screws ① on both sides and on the top.
(2) Remove 4 screws ② on the rear and detach the top cover by sliding to the arrow direction.



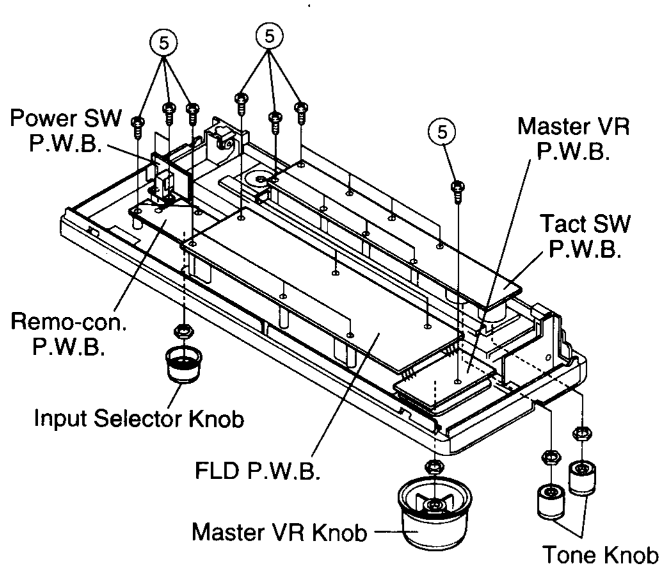
Front Panel

(1) Disconnect the FFC from its connector.
(2) Remove 3 screws ② and 3 screws ③ fixing the front panel at its top and bottom edges, then detach it to the arrow direction.



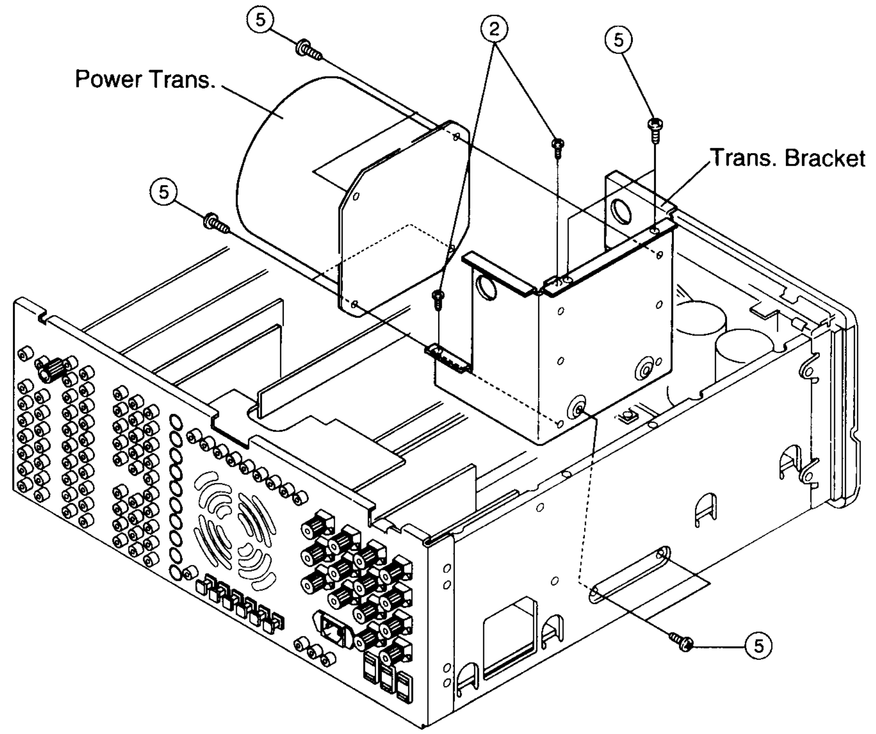
P.W.B.'s on Front Panel

(1) FLD, Master VR P.W.B.
Remove 7 screws ⑤ after taking off the nut and knob for the master volume.
(2) Tact SW P.W.B.
Remove 8 screws ⑤ after taking off the nuts and knobs for the tone volumes.
(3) Remo-con. P.W.B.
Remove 2 screws ⑤ after taking off the nut and knob for the input selector.
(4) Power SW P.W.B.
Remove 2 screws ⑤.



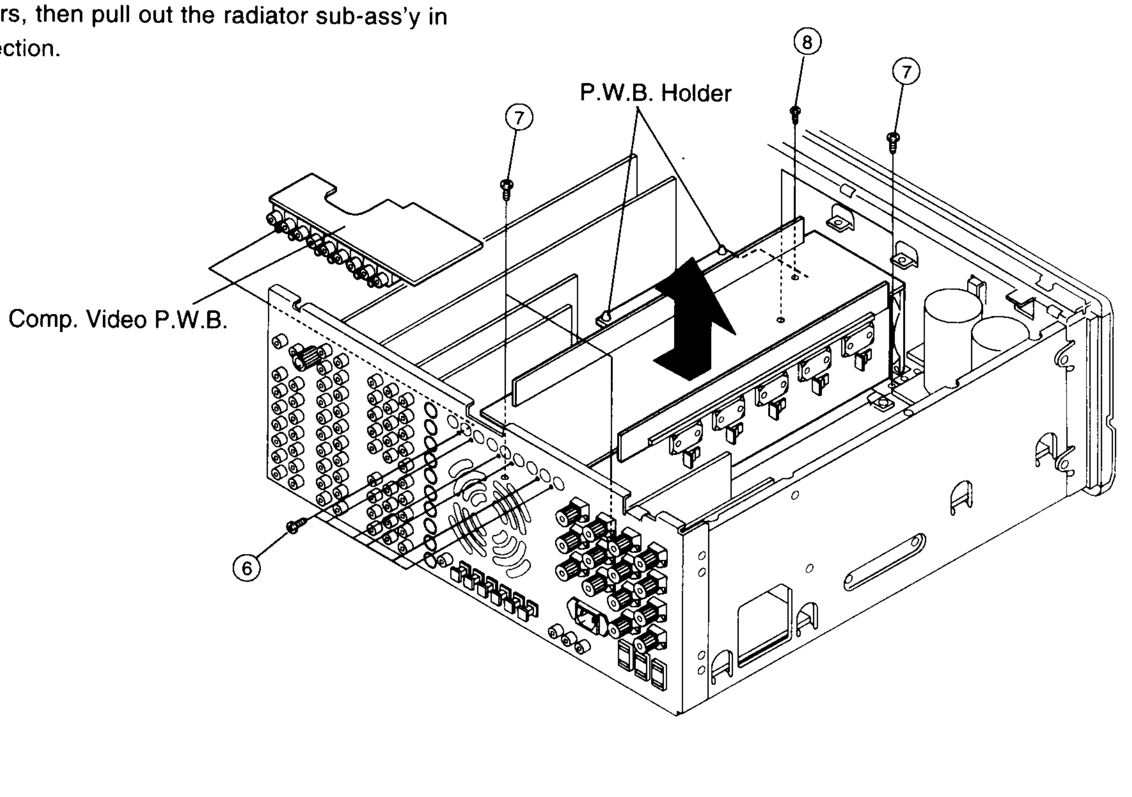
Power Trans.

(1) Remove 4 screws ⑤ and 2 screws ② fixing the trans. bracket to the chassis.
(2) Pull out the power trans. upward.
(3) Remove 4 screws ⑤ fixing the power trans. to the bracket.



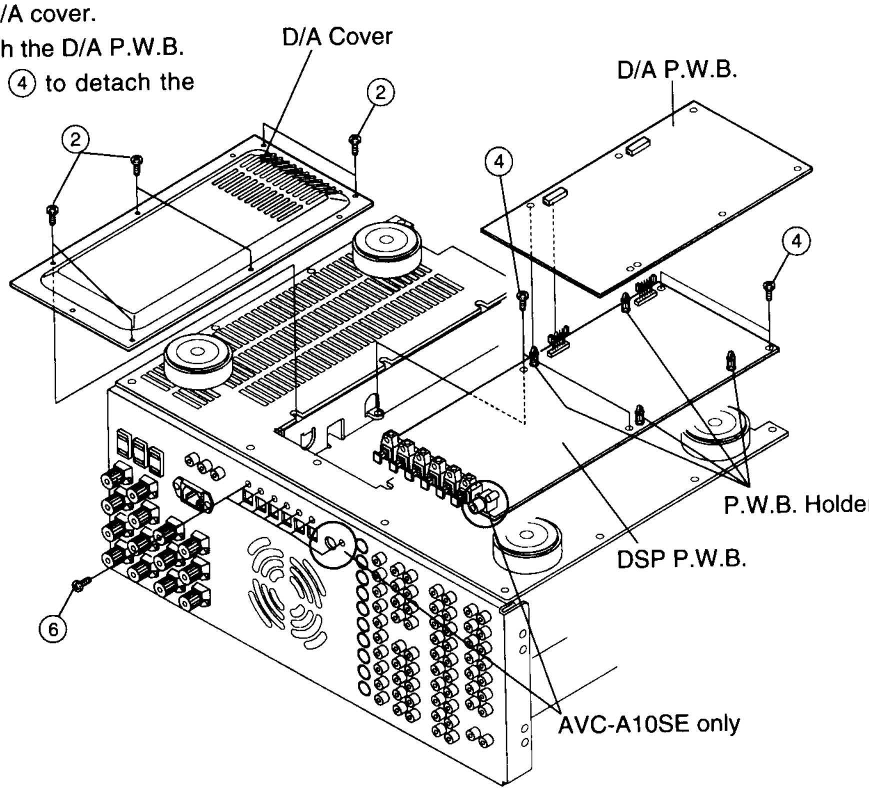
Power Radiator Unit

(1) Remove 6 screws ⑥ to detach the comp. video P.W.B.
(2) Remove 4 screws ⑦ and 1 screw ⑧, and release 2 P.W.B. holders, then pull out the radiator sub-ass'y in the arrow direction.



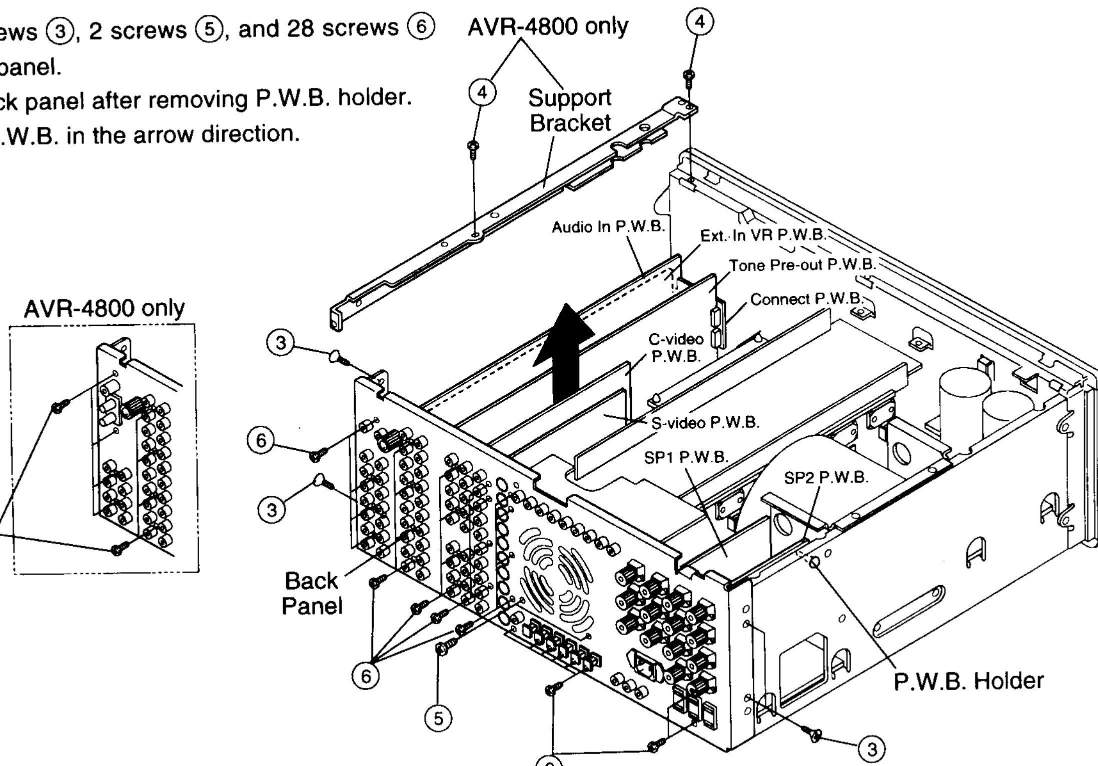
DSP, D/A P.W.B.

(1) Remove 6 screws ② to detach the D/A cover.
(2) Release 4 P.W.B. holders, and detach the D/A P.W.B.
(3) Remove 7 screws ⑥ and 4 screws ④ to detach the DSP P.W.B.



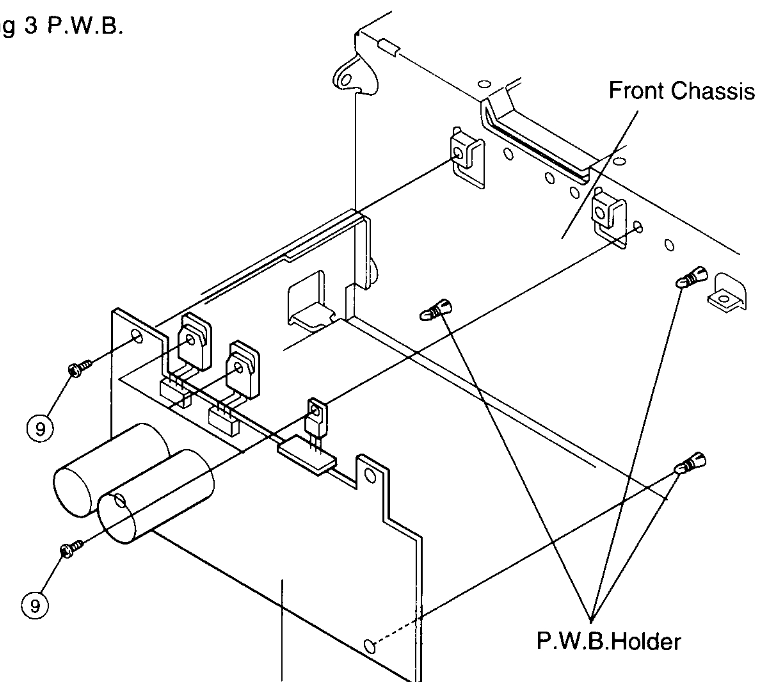
P.W.B.'s on Back Panel

(1) Remove 1 screw ③ and 2 screws ④ fixing support bracket.
(2) Remove 3 screws ③, 2 screws ⑤, and 28 screws ⑥ from the back panel.
(3) Detach the back panel after removing P.W.B. holder.
(4) Pull up each P.W.B. in the arrow direction.



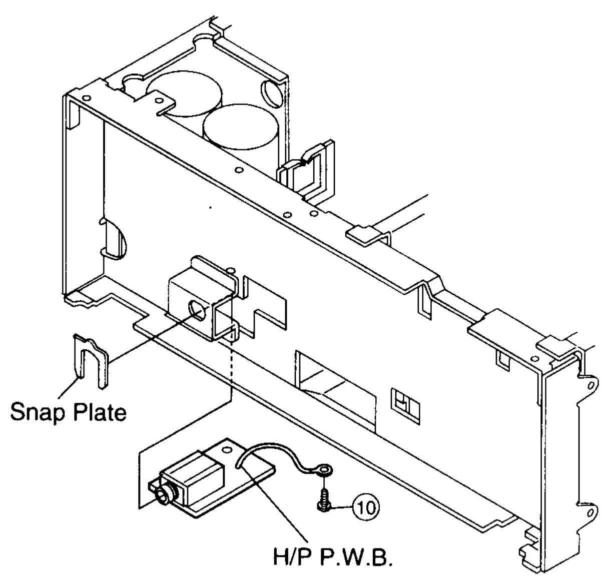
Pre-reg. P.W.B.

(1) Remove 4 screws ⑨ fixing the Pre-reg. P.W.B. and transistors.
(2) Detach the Pre-reg. P.W.B. after releasing 3 P.W.B. holders.



H/P P.W.B.

(1) Remove the bottom cover.
(2) Remove 1 screw ⑩ fixing the wire from the H/P P.W.B.
(3) Remove the snap plate to detach the H/P P.W.B.

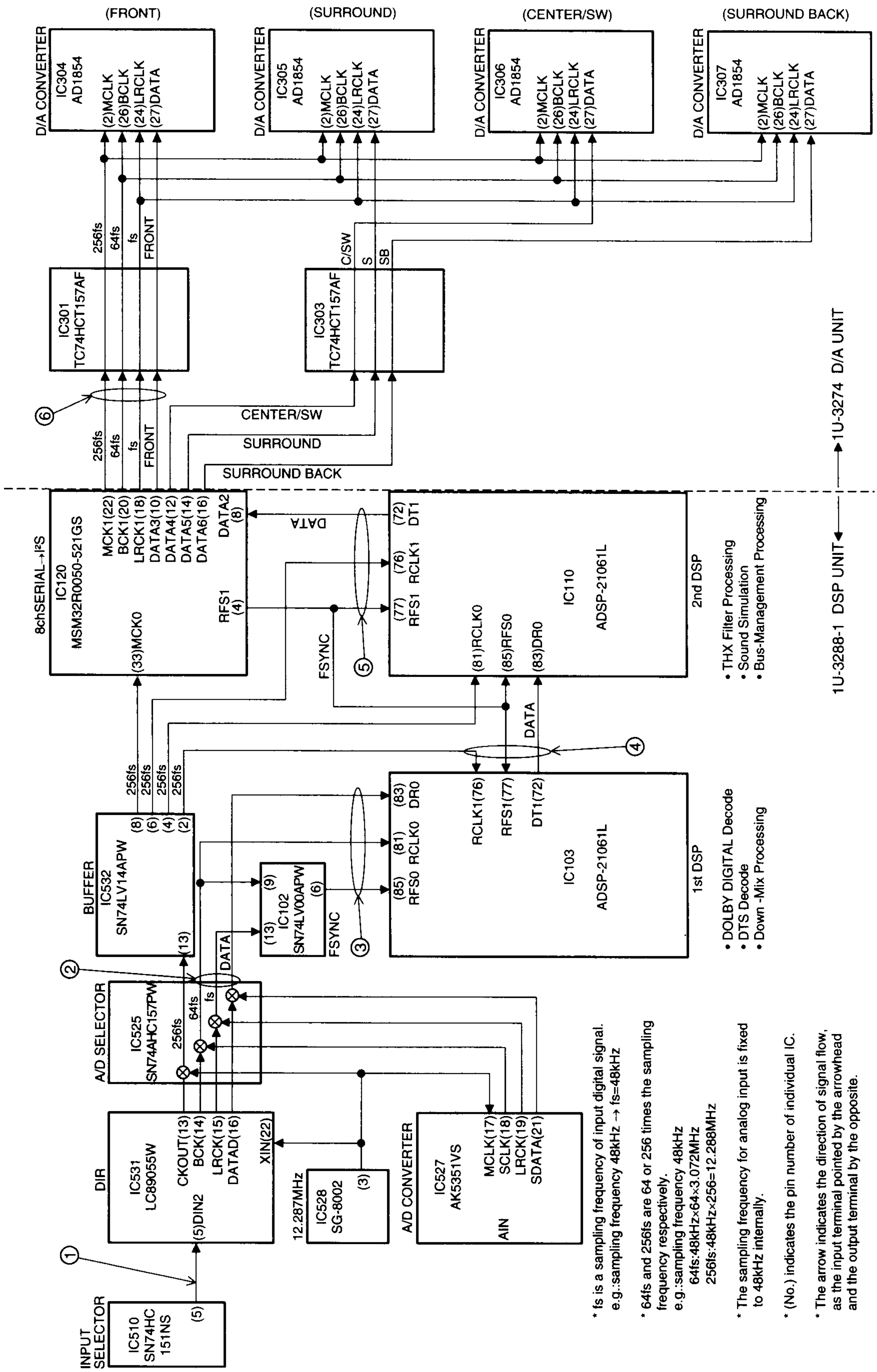


CAUTION:

- Do not detach the back panel when placing the unit other than normal position for servicing.
- Be careful not to give any stress when the unit is placed in the bottom down position with its cover removed, as the capacitors on D/A P.W.B. (1U-3274-1) and holders on Main P.W.B. (1U-3127-1) are come to be protruded from the bottom level.

CLOCK FLOW & WAVE FORM IN DIGITAL BLOCK

Clock Flow



* fs is a sampling frequency of input digital signal.
e.g.:sampling frequency 48kHz → fs=48kHz

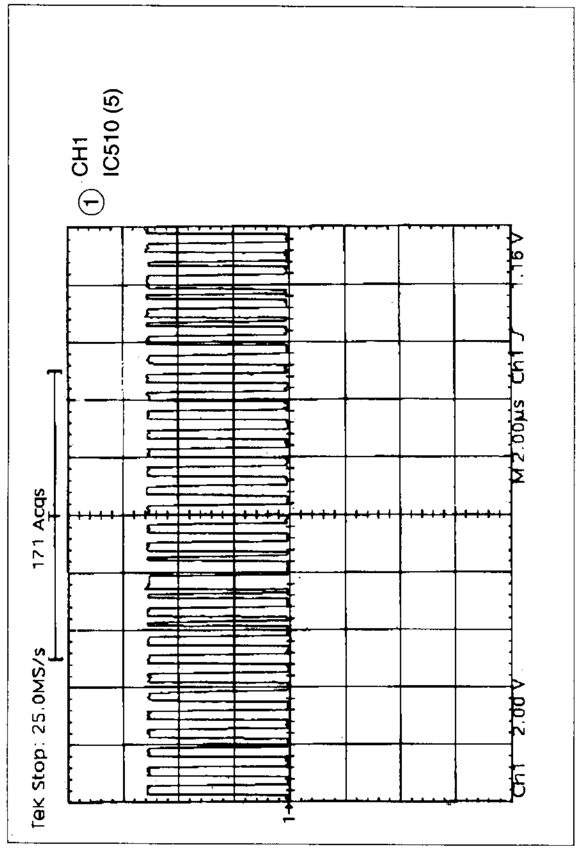
* 64fs and 256fs are 64 or 256 times the sampling frequency respectively.
e.g.:sampling frequency 48kHz
64fs:48kHz×64=3.072MHz
256fs:48kHz×256=12.288MHz

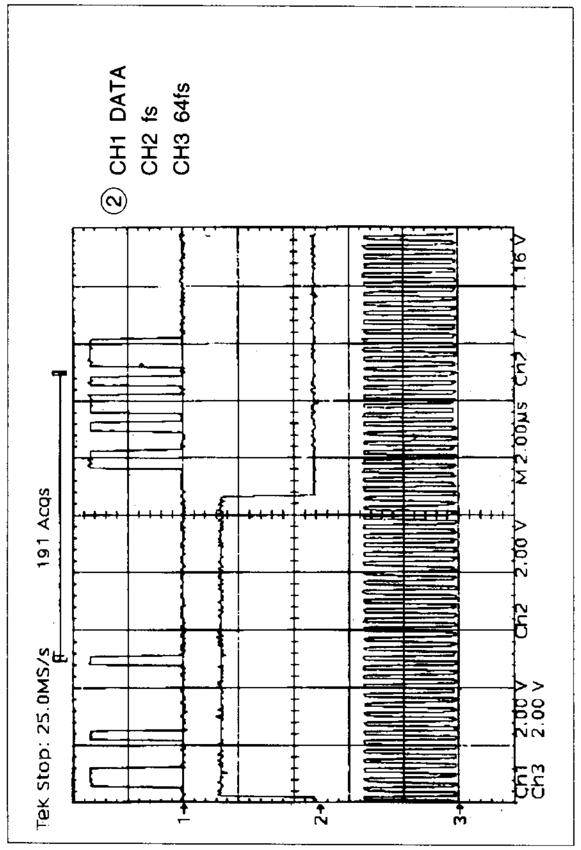
* The sampling frequency for analog input is fixed to 48kHz internally.

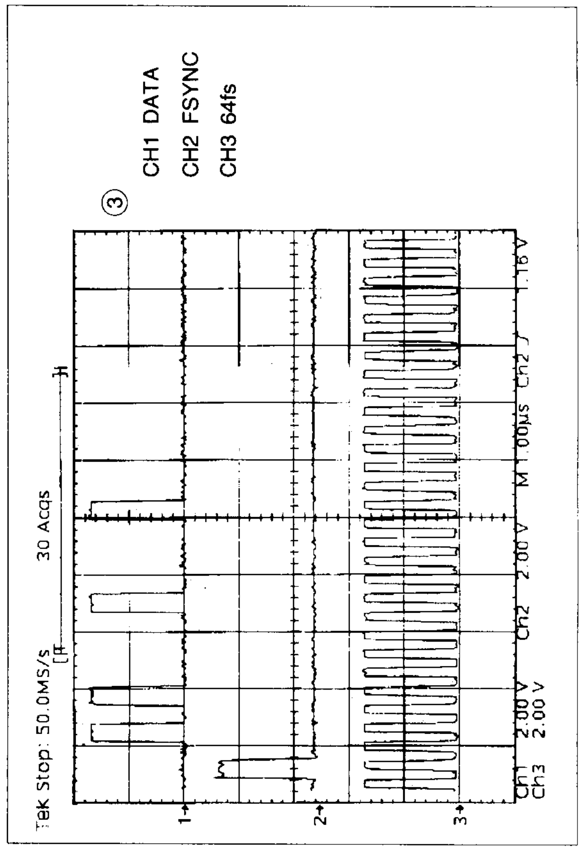
* (No.) indicates the pin number of individual IC.

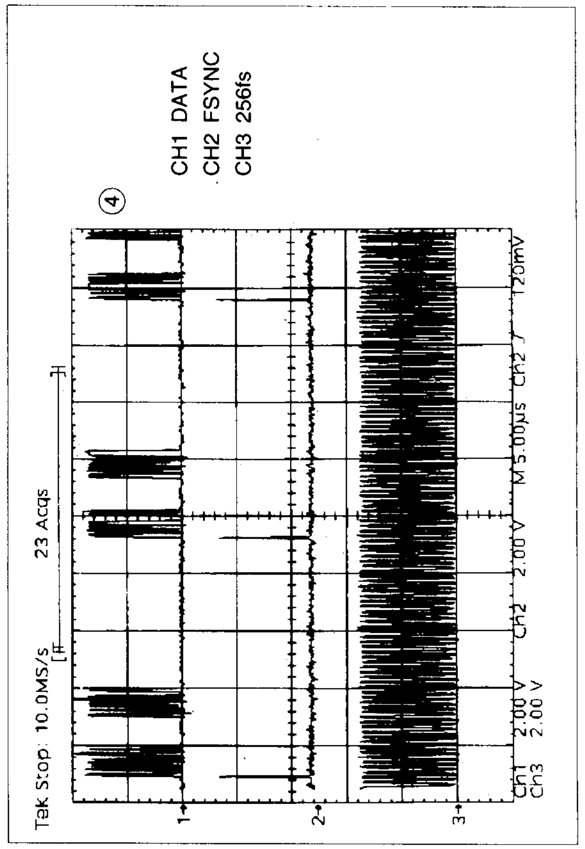
* The arrow indicates the direction of signal flow, as the input terminal pointed by the arrowhead and the output terminal by the opposite.

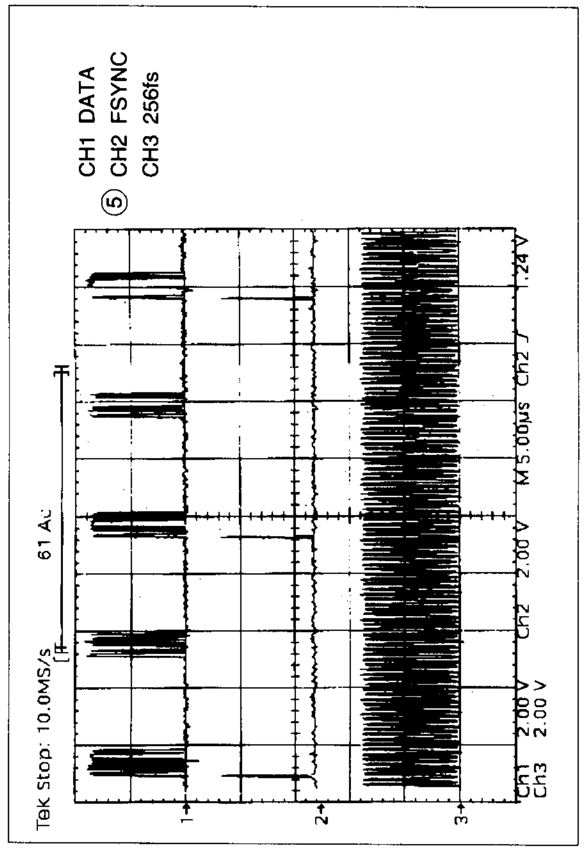
Wave Form

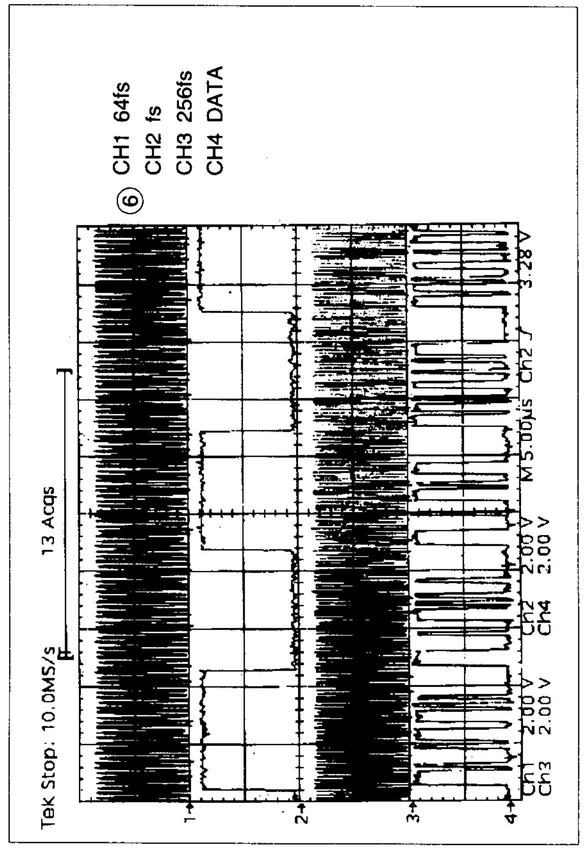

① CH1
IC510 (5)
Tek Stop: 25.0MS/s
171 Acqs
Ch1 2.00 V
M 2.00µs Ch1 ∫ 1.16 V


② CH1 DATA
CH2 fs
CH3 64fs
Tek Stop: 25.0MS/s
191 Acqs
Ch1 2.00 V
Ch3 2.00 V
Ch2 2.00 V
M 2.00µs Ch2 ∫ 1.16 V


③ CH1 DATA
CH2 FSYNC
CH3 64fs
Tek Stop: 50.0MS/s
30 Acqs
Ch1 2.00 V
Ch3 2.00 V
Ch2 2.00 V
Ch2 ∫ 1.16 V

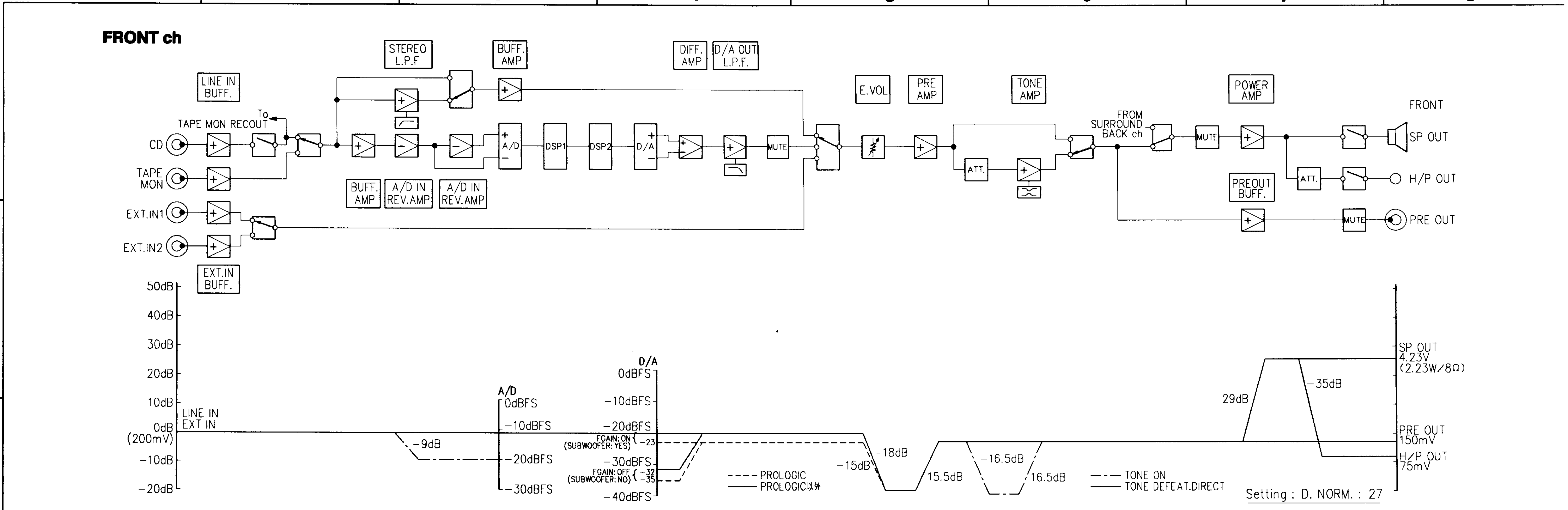

④ CH1 DATA
CH2 FSYNC
CH3 256fs
Tek Stop: 10.0MS/s
23 Acqs
Ch1 2.00 V
Ch3 2.00 V
Ch2 2.00 V
M 5.00µs Ch2 ∫ 120mV


⑤ CH1 DATA
CH2 FSYNC
CH3 256fs
Tek Stop: 10.0MS/s
Ch1 2.00 V
Ch3 2.00 V
Ch2 2.00 V
M 5.00µs Ch2 ∫ 1.24 V

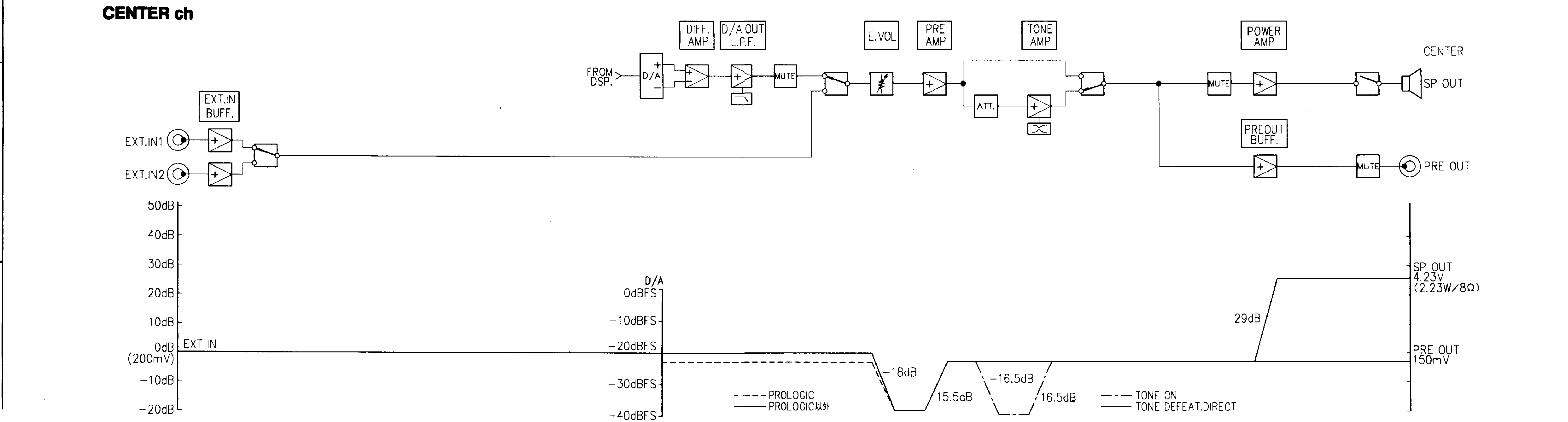

⑥ CH1 64fs
CH2 fs
CH3 256fs
CH4 DATA
Tek Stop: 10.0MS/s
13 Acqs
Ch1 2.00 V
Ch3 2.00 V
Ch2 2.00 V
Ch4 2.00 V
M 5.00µs Ch2 ∫ 3.28 V

LEVEL DIAGRAMS

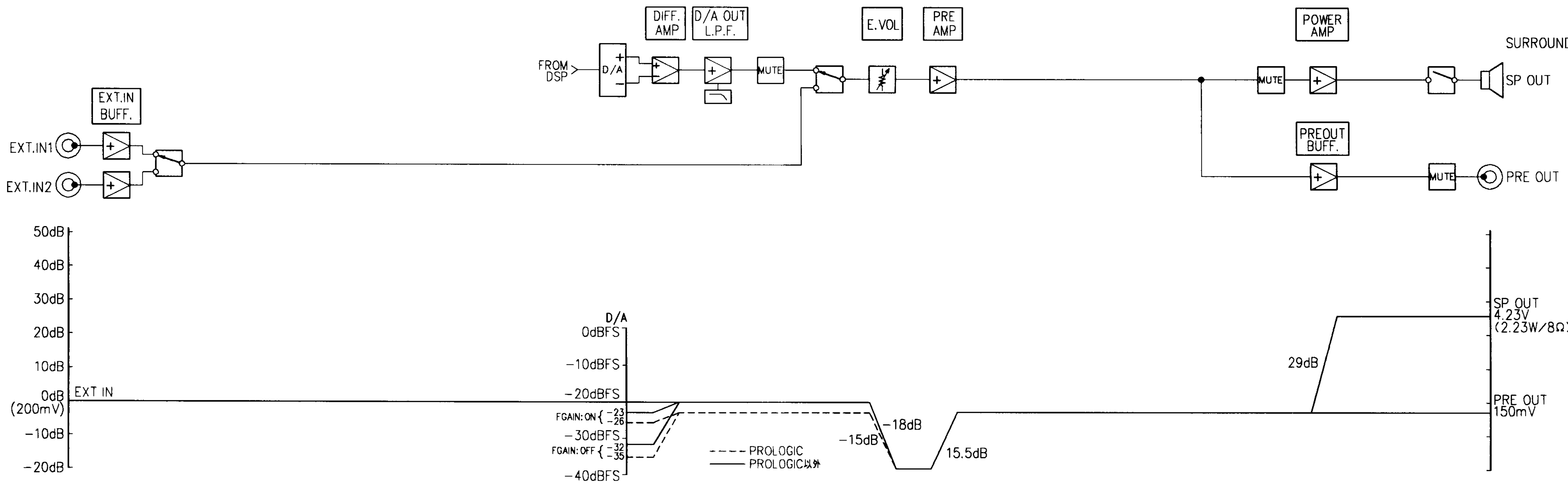
FRONT ch



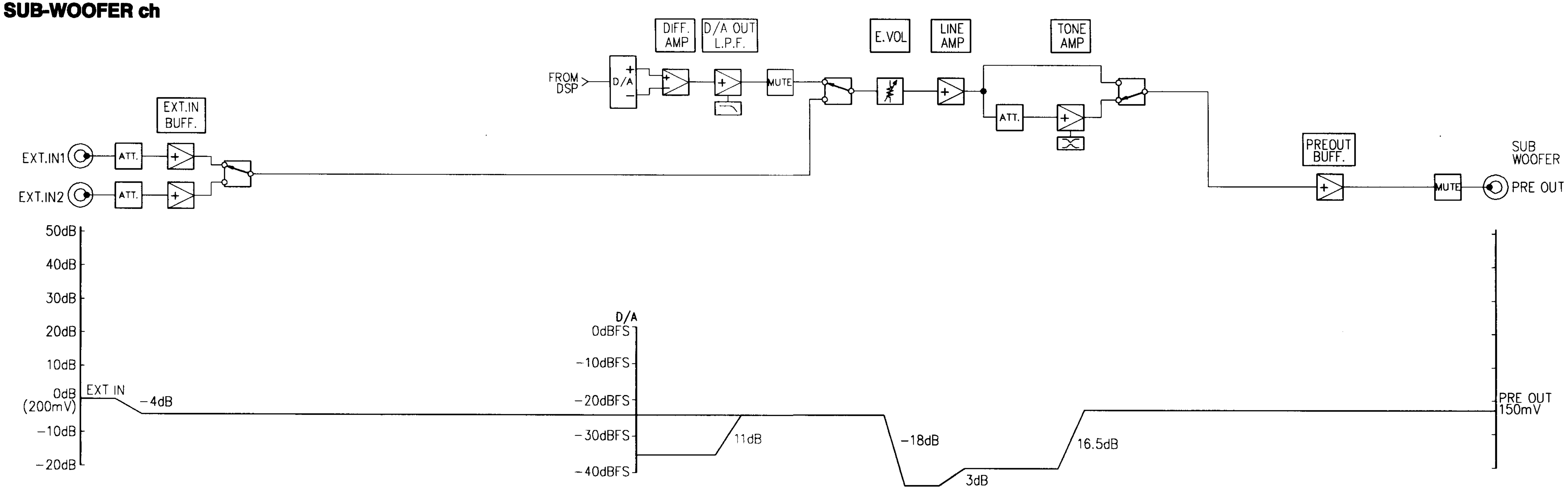
CENTER ch



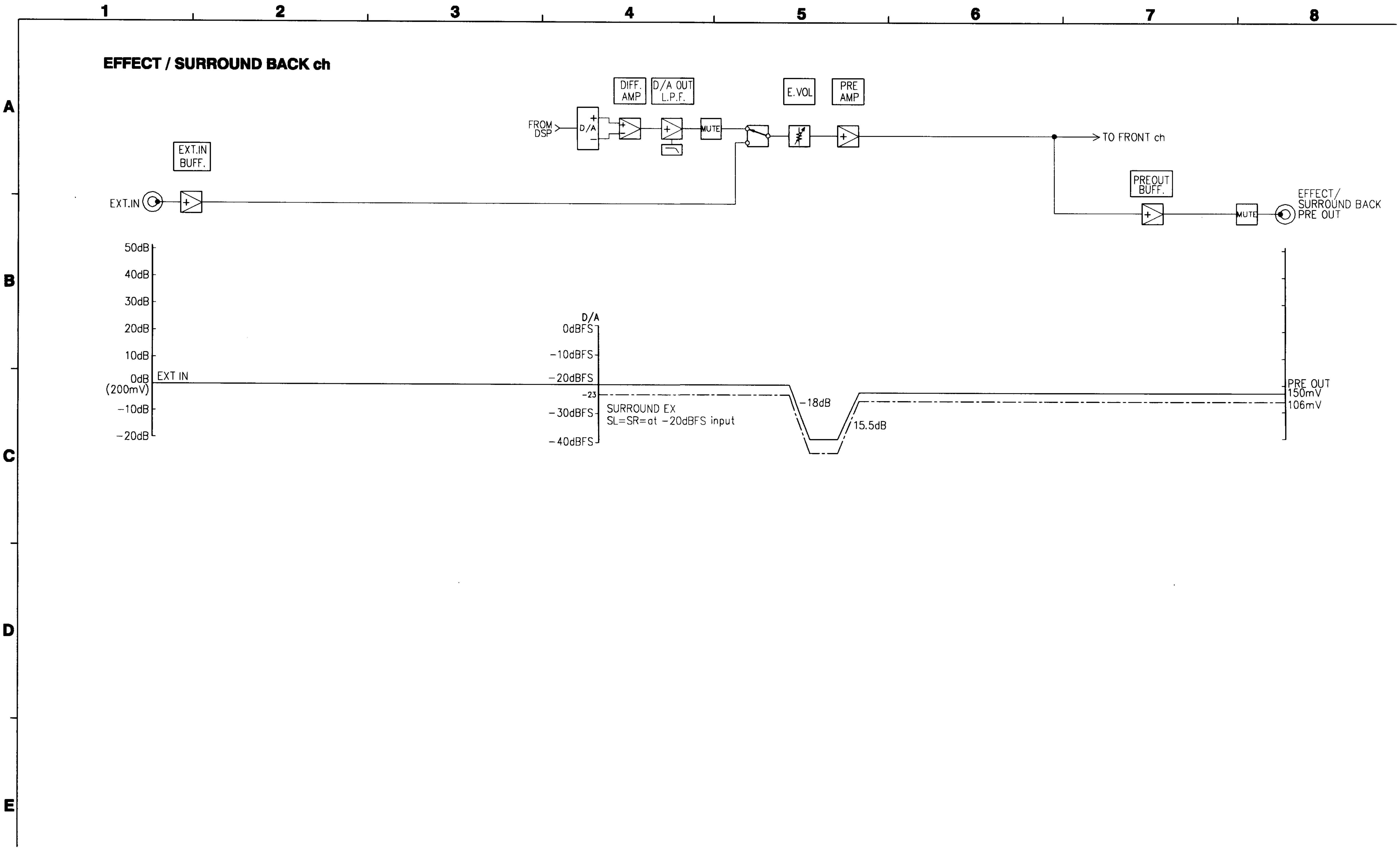
SURROUND ch



SUB-WOOFER ch



EFFECT / SURROUND BACK ch

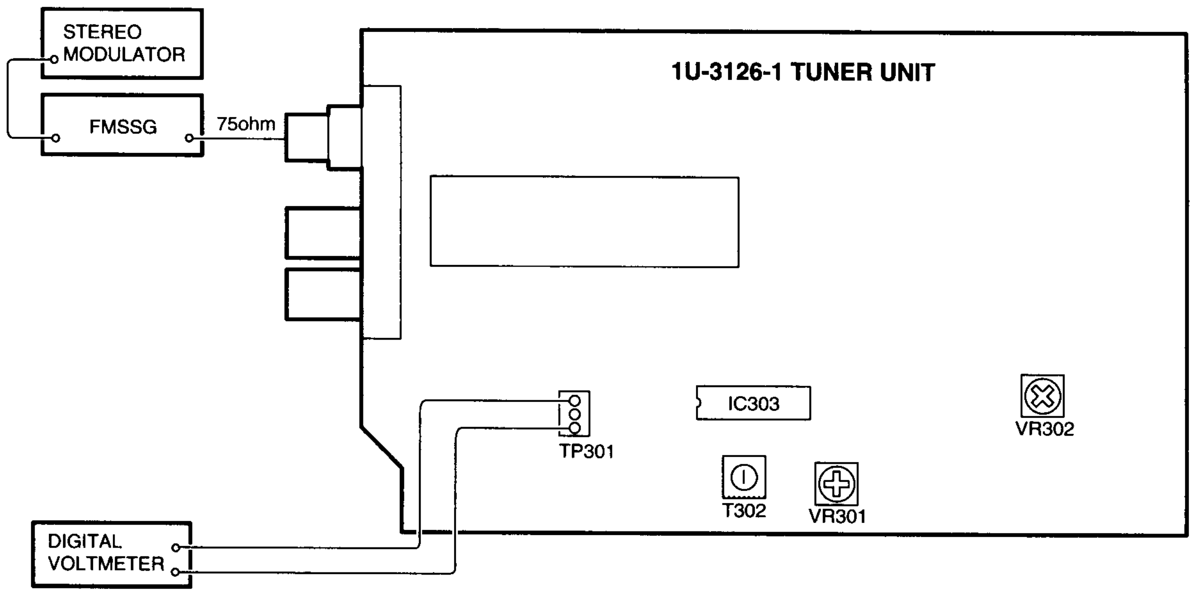


ADJUSTMENT

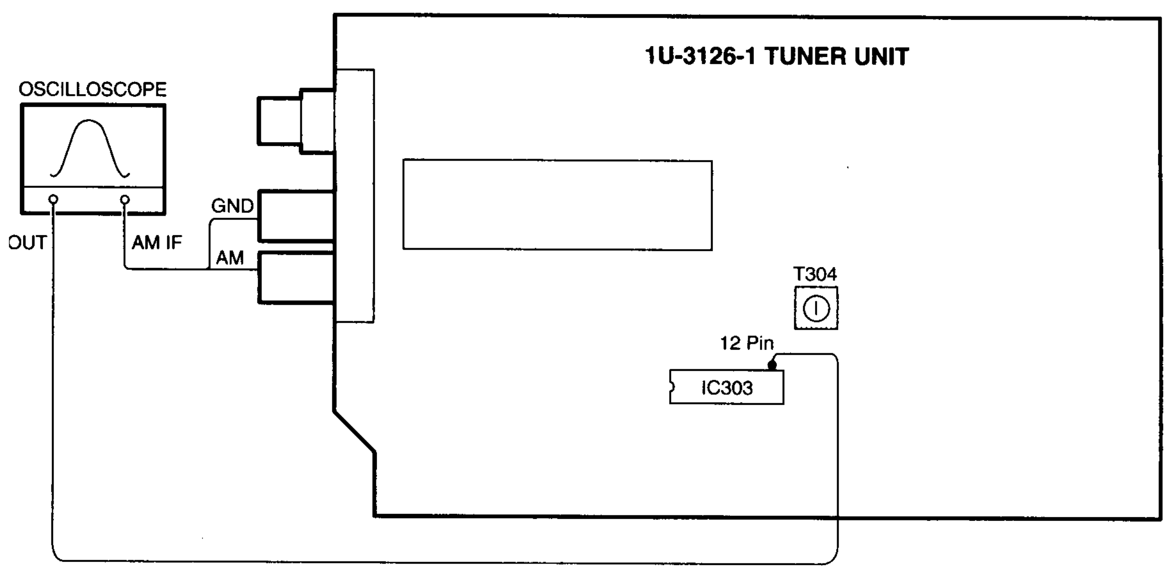
Tuner Section (AVR-4800 only)

CONNECTION DIAGRAM OF MEASURING INSTRUMENTS

● FM



● AM



FM/MPX ALIGNMENT

Step	Alignment Item	Tuning Frequency Setting	Input					Output		Adjust		Remarks
			Type	Frequency	Input Level	Modulation	Coupling	Type	Connect to	Points	Adjust to	
1	Tuning Center	98.1 MHz	FM SSG	98.1 MHz	60 dBμ	None	Antenna Terminal	Digital Voltmeter	TP301	T302	± 50mV	Function : FM Mode : Auto
2	Separation	98.1 MHz	FM SSG	98.1 MHz	60 dBμ	Stereo (L) 1kHz 100%	Antenna Terminal	AC Voltmeter	AUDIO OUT Terminal (R)	VR302	Maximum Separation	—
3	Signal Level	98.1 MHz	FM SSG	98.1 MHz	20 dBμ	Off	Antenna Terminal	—	—	VR301	Light "TUNED" FLD Character	—

AM ALIGNMENT

Step	Alignment Item	Frequency	Input	Output		Adjustment		Remarks
				Type	Connect to	Points	Adjust to	
1	IF	—	IF SWEEP (Input level is not over to work A.G.C.)	Oscilloscope	IC303 12Pin	T304	Maximum height and best symmetry curve	

Audio Section

Idling Current (1U-3126-2)

Required measurement equipment : DC Voltmeter

Preparation

(1) Avoid direct blow from an air conditioner or an electric fan, and adjust the unit at normal room tempereture 15 °C ~ 30 °C (59 °F ~ 86 °F).

(2) Presetting
- POWER (Power sourse switch) → OFF
- SPEAKER (Speaker terminal) → No load (Do not connect speaker, dummy resistor, etc.)

Adjustment

(1) Remove top cover and set VR701, VR702, VR781, VR741, VR742, on 1U-3126-2 (Amp. Unit) at full counterclockwise ( ) position.

(2) Connect DC Voltmeter to test points (FRONT-Lch: TP801, FRONT-Rch: TP802, CENTER ch: TP805, SURROUND-Lch: TP803, SURROUND-Rch: TP804).

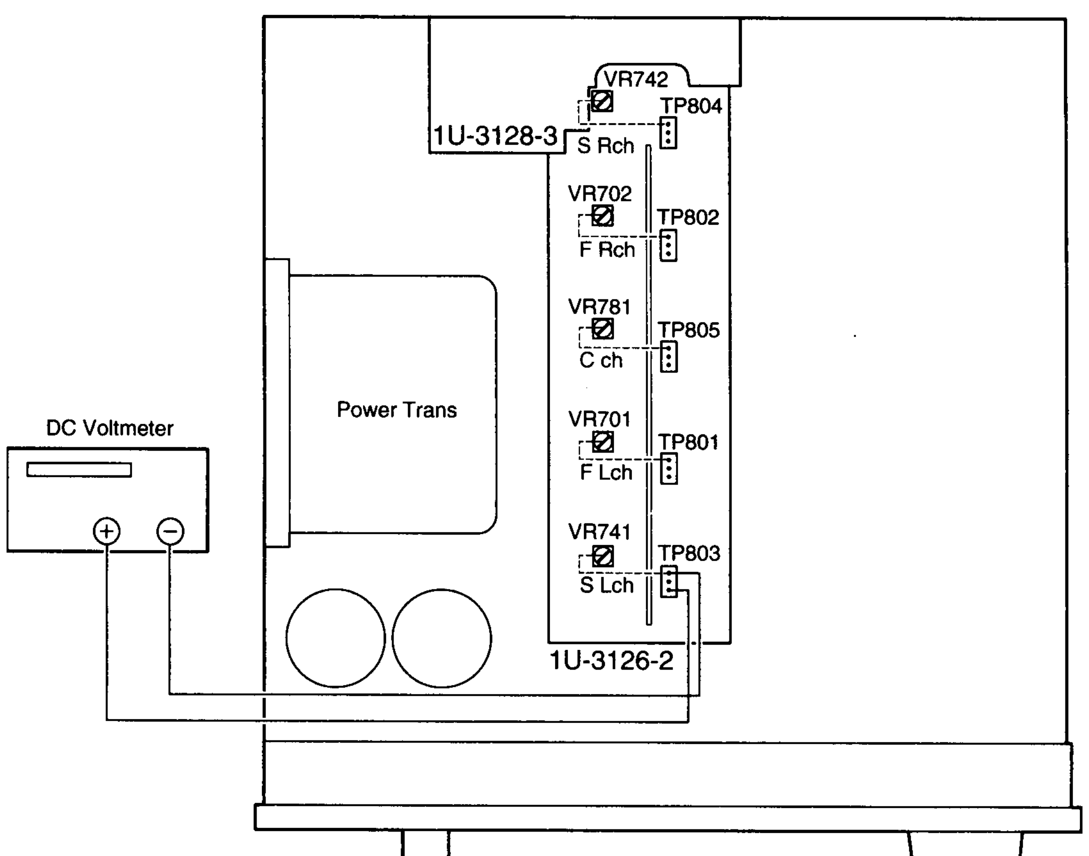
(3) Connect power cord to AC Line, and turn power switch "ON".

(4) Presetting.
MASTER VOLUME : "---" counterclockwise (min.)
MODE : 5CH STEREO
FUNCTION : CD

(5) Within 2 minutes after the power on, turn VR701 clockwise ( ) to adjust the TEST POINT voltage to 1.5 mV ±0.5 mV DC.

(6) After 10 minutes from the preset above, turn VR701 to set the voltage to 3 mV ±0.5 mV DC.

(7) Adjust the Variable Resistors of other channels in the same way.

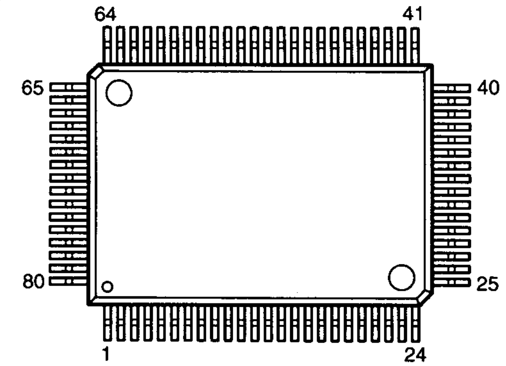


SEMICONDUCTORS

● IC's

Note: Abbreviation ahead of IC No. indicates the name of P.W.B.
AU: Audio In & SP P.W.B.
EX: Ext. In P.W.B.
TU: Tuner & Amp P.W.B.
DA: D/A P.W.B
MA: Main & Reg. P.W.B.
TO: Tone, Pre-out P.W.B.
VI: Video & FLD P.W.B.
RE: Rectifier & Primary P.W.B.
DS: DSP P.W.B.

TMP88CU74F
(MA: IC201)



TMP88CU74F Terminal Function

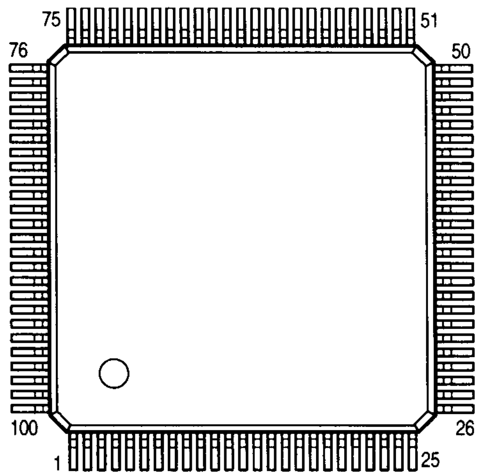
Pin No.	Name	Symbol	I/O	Type	Op	Det	Res	Init	Function
1	P02/S01	OSD DATA	O	C	Eu	S	Z	L	OSD control output (M35015)
2	P03	OSD RST	O	C	—	—	Z	H	OSD control output (M35015)
3	P04	NU	O	C	—	—	Z	L	Open
4	P05	PLFL DATA	O	C	—	S	Z	L	PLL, FL control terminal (LC72131 & LC7511NE)
5	P06	NU	O	C	—	—	Z	L	Open
6	P07	PLFL CLK	O	C	—	S	Z	L	PLL, FL control terminal (LC72131 & LC7511NE)
7	Vss	Vss	I	—	GND	—	—	L	GND
8	Xout	Xout	O	—	—	—	—	—	XTAL
9	Xin	Xin	I	—	—	—	—	—	XTAL
10	RESET_	RESET_	I	—	Eu	Lv	L	—	Reset input
11	P22/XTOUT	NU	O	—	Eu	Lv	Z	L	Open
12	P21/XTIN	NU	O	—	Eu	Lv	Z	L	Open
13	TEST	TEST	I	—	GND	S	—	—	Connect to GND
14	P20/INT5_	B.DOWN_	I	—	Eu	Lv	Z	—	Power down detect (L: Power down)
15	P10/INT0_	PROTECT_	I	—	Ed	E&L	Z	—	PROTECTION detect input (L: Detected)
16	P11/INT1	S1	O	C	—	—	Z	L	Video switching control terminal
17	P12	SELC(F)	I	—	Eu	Lv	Z	—	Input selector SW rotary detect input (rotary encoder)
18	P13	SELD(F)	I	—	Eu	Lv	Z	—	Input selector SW rotary detect input (rotary encoder)
19	P14	SW L/R 7.1	O	C	—	—	Z	L	Surround back PREOUT muting control terminal (L: Mute)
20	P15/INT3	REMOCON	I	—	Ed	E&L	Z	—	Remote control signal input
21	P16/INT2	ACK	O	C	—	—	Z	L	MAIN-SUB CPU comm. control terminal
22	P17/INT4	REQ	I	—	Eu	—	Z	L	MAIN-SUB CPU comm. control terminal
23	P30/SCL	SI	I	(C)					MAIN-SUB CPU comm. control terminal
24	P31/SDA	SO	O	(C)					MAIN-SUB CPU comm. control terminal
25	P32/SCK0_	CLK	I/O	(C)					MAIN-SUB CPU comm. control terminal
26	P40/AIN0	MODE	I	—	Eu	Lv	Z	—	Destination switching input
27	P41/AIN1	KEY1	I	—	Eu	Lv	Z	—	Button input 1
28	P42/AIN2	KEY2	I	—	Eu	Lv	Z	—	Button input 2
29	P43/AIN3	KEY3	I	—	Eu	Lv	Z	—	Button input 3
30	P44/AIN4	KEY4	I	—	Eu	Lv	Z	—	Button input 4
31	P45/AIN5	FUNC/T. CON CLK	O	C	Ed	—	Z	L	Function (TC9274N, TC9273) / Tone (TC9184P) control output
32	P46/AIN6	FUNC/T. CON DATA	O	C	Ed	—	Z	L	Function (TC9274N, TC9273) / Tone (TC9184P) control output
33	P47/AIN7	S2	O	C	—	—	Z	L	Video switching control terminal
34	P50/AIN8	E.VOL STB-1	O	C	Ed	—	L	L	E. volume control output (TC9459)
35	P51/AIN9	EXT SW STB	O	C	Ed	—	L	L	EXT switch control output (TC9273)
36	P52/AIN10	E.VOL /EXT SW DATA	O	C	Ed	—	L	H	E. volume (TC9459)/ EXT switch (TC9273) control output
37	P53/AIN11	E.VOL /EXT SW CLK	O	C	Ed	—	L	H	E. volume (TC9459)/ EXT switch (TC9273) control output

Pin No.	Name	Symbol	I/O	Type	Op	Det	Res	Init	Function
38	VASS	VASS	I						Ref. V (GND)
39	VAREF	VAREF	I						Ref. V (VDD)
40	VDD	VDD	I						Power
41	P61	FL CE	I	P	Ed	S	L	H	FL display control output (LC75711NE)
42	P61	FL RES	O	P	Ed	S	L	H	FL display control output (LC75711NE)
43	P62	FUNC STBA	O	P	Ed	—	Z	L	Function control output (TC9274N) INPUT
44	P63	FUNC STBB	O	P	Ed	—	Z	L	Function control output (TC9273) REC OUT, REC INH
45	P64	TONE CON. STB	O	P	Ed	—	Z	L	TONE control output (TC9184P)
46	P65	STANDBY	O	P	Id	—	L	H	Standby LED drive output (H: Light)
47	P66	EXP OE	O	P	Ed	—	L	H	Port expander control terminal (TC4094B)
48	P67	EXP CLK	O	P	Ed	—	L	L	Port expander control terminal (TC4094B)
49	P70	EXP DATA	O	P	Ed	—	L	L	Port expander control terminal (TC4094B)
50	P71	EXP STB1	O	P	Ed	—	L	L	Port expander control terminal (TC4094B)
51	P72	LED CLK	O	P	—	S	Z	H	LED control terminal (M66313)
52	P73	LED DATA	O	P	—	S	Z	H	LED control terminal (M66313)
53	P74	LED LE	O	P	—	—	Z	H	LED control terminal (M66313)
54	P75	LED OE	O	P	—	—	Z	H	LED control terminal (M66313), set input port at STBY
55	P76	MULTI MUTE	O	P	Ed	—	L	H	MULTI MUTE output (L: Mute)
56	P77	H/P RELAY	O	P	Id	—	L	L	H/P OUT relay control output (L: Mute)
57	P80	POWER	O	P	Id	—	L	H	Power relay control output (L: ON)
58	P81	RESET2_	O	P	Id	—	L	H	Sub CPU control reset output (H: Reset control)
59	P82	F RELAY	O	P	Id	Lv	L	—	Front SP relay control terminal (L: Mute)
60	P83	C RELAY	O	P	Id	—	L	H	Center SP relay control terminal (L: Mute)
61	P84	SA RELAY	O	P	—	Lv	L	—	Surround SP relay A control terminal (L: Mute)
62	P85	SB RELAY	O	P	—	Lv	L	—	Surround SP relay B control terminal (L: Mute)
63	P86	PRE F MUTE	O	P	Ed	—	L	H	Front PREOUT mute control terminal (L: Mute)
64	P87	PRE C MUTE	O	P	—	Lv	L	—	Center PREOUT mute control terminal (L: Mute)
65	P90	PRE S MUTE	O	P	Ed	—	L	H	Surround PREOUT mute control terminal (L: Mute)
66	P91	SUB WOOFER MUTE	O	P	Ed	—	L	L	Sub-woofer PREOUT mute control terminal (L: Mute)
67	P92	S MONI DET	I	—	Eu	Lv	Z	—	S monitor connection detect input (L: connected)
68	P93	S SIG DET	I	—	Eu	Lv	Z	—	S signal detect input (H: S signal input)
69	P94	SYNC DET	I	—	Eu	Lv	Z	—	Sync. detect input (H: External sync.)
70	P95	SEL A (M)	I	—	Eu	Lv	Z	—	Master volume rotary detect input (rotary encoder)
71	P96	SEL B (M)	I	—	Eu	Lv	Z	—	Master volume rotary detect input (rotary encoder)
72	P97	H/P DET	I	—	Eu	Lv	Z	L	H/P input detect (H: Detect)
73	PD0	VOL MUTE	O	P	Ed	—	L	L	Master volume infinite control (L: Infinite)
74	PD1	SEL E (B)	I	—	Eu	Lv	Z	—	BASS volume rotary detect input (rotary encoder)
75	PD2	SEL F (B)	I	—	Eu	Lv	Z	—	BASS volume rotary detect input (rotary encoder)
76	PD3	SEL G (T)	I	—	Eu	Lv	Z	—	TREBLE volume rotary detect input (rotary encoder)
77	PD4	SEL H (T)	I	—	Eu	Lv	Z	—	TREBLE volume rotary detect input (rotary encoder)
78	Vkk	Vkk	—	—	—	—	—	—	Fixed to GND
79	P00/SCK1_	OSD CLK	O	C	Eu	S	Z	H	OSD control output (M35015)
80	P01/SI1	OSD STB1	O	C	Eu	—	Z	H	OSD control output (M35015)

NOTE:

Pin No. : Terminal number of microcomputer.
Port Name : The name entered in the data sheet of microcomputer.
Symbol : Symbolized interface function.
I/O : Input or out of part.
"I" = Input port
"O" = Output port
Type : Composition of port in case of output port.
"C" = CMOS output
"N" = NMOS open drain output
"P" = PMOS open drain output
Op : Pull up/Pull down selection information.
"Iu" = Inner microcomputer pull up
"Id" = Inner microcomputer pull down
"Eu"= External microcomputer pull up
"Ed"= External microcomputer pull down
Det : Indicates judging state of input port. Level detection is "LV"; Edge detection is "Ed"; Detection by both shifting is "E&L"; Serial data detection is "S" (Serial data output is also "S").
Res : State at reset.
"H" = Outputs High Level at reset
"L" = Outputs Low Level at reset
"Z" = Becomes High impedance mode at reset
Ini : Initial output state.
Function : Function and logical level explanation of signals to be interface.

TMP93CS41F
(DS: IC301)



TMP93CS41F Terminal Function

Pin No.	Name	Symbol	I/O	Type	Det	Op	Res	Init	Function
1	V REFL		—	—	—	—	—	—	A/D ref. GND
2	A Vss	←	—	—	—	—	—	—	A/D GND
3	A Vcc	←	—	—	—	—	—	—	AD +5V
4	_NMI		I	—	—	—	—	—	Not used (fixed to H)
5	P70/TI0	_DEMOD RESET	O	C	—	Od	L	L	Demodulator reset output (L: Reset)
6	P71/TO1	DEMOD ON	O	C	—	Od	L	L	Demodulator osc. control output (H: Osc.)
7	P72/TO2	FAN1	O	C	—	Od	L	L	FAN control output (H: ON, L: OFF)
8	P73/TO3	FAN2	O	C	—	Od	L	L	FAN control output (H: Hi, L: Low & off)
9	P80/INT4/TI4	B.DOWN_	I	—	E↓&L	Eu	Z	—	Power down detect (L: Detected)
10	P81/INT5/TI5	DSP ACK	I	—	E↑&L	—	—	—	Host I/F comm. response input (L: OK)
11	P82/TO4	AC-3 RF DET	I	—	E↓&L	—	—	—	AC-3 RF signal judge input (L: AC-3 data input)
12	P83/TO5	_REQ	O	C	—	Eu	H	L	MAIN-SUB CPU comm. control output (L: Comm. request from sub)
13	P84/INT6/TI6	_ACK	I	—	E↓&L	Eu	—	—	MAIN-SUB CPU comm. control input (L: Ack. return from main)
14	P85/INT7/TI7	ERR	I	—	E↑&L	—	—	—	DIR control input terminal (LC89055Q)(H: ERR)
15	P86/TO6	_DSP RESET	O	C	—	Od	L	L	DSP reset output terminal (L: Reset)
16	P97/INT0	_CS	I	—	E↑&L	Od	—	—	DIR control input terminal (LC89055Q), when CH status change L→H
17	P90/TXD0	SI	O	C					MAIN-SUB CPU comm. control terminal (data output)
18	P91/RXD0	SO	I	—					MAIN-SUB CPU comm. control terminal (data input)
19	P92/_CTS0/SCLK0	CLK	I/O	C					MAIN-SUB CPU comm. control terminal (I2C clock in/output)
20	P93/TXD1	NC	O	C	—	—	Z	L	Open
21	P94/RXD1	DIR MISO	I	—	Lv	—	—	—	DIR control input terminal (LC89055Q) control data input
22	P95/SCLK1	DIR CLK	O	C	—	—	Z	L	DIR control terminal (LC89055Q) control clock output
23	AM8/_16	←	—	—	—	—	—	—	Fixed to +5V
24	CLK		O	C	—	Eu	—	—	
25	Vcc	←	—	—	—	—	—	—	+5V
26	Vss	I/O1	—	—	—	—	—	—	GND
27	X1	Xin	I	—	—	—	—	—	X'tal connection
28	X2	Xout	O	—	—	—	—	—	X'tal connection
29	_EA	←	—	—	—	—	—	—	Fixed to +5V
30	_RESET	RESET2_	I	—	Lv	Eu	L	—	Reset input (controlled by main CPU)
31	P96/XT1	A/D RESET	O	N	—	Eu	H	H	A/D control terminal (L: Reset)
32	P97/XT2	ASIC RESET	O	N	—	Eu	H	H	ASIC control terminal (L: Reset)
33	TEST1	←	I	—	—	—	—	—	Connected to TEST2
34	TEST2	←	I	—	—	—	—	—	Connected to TEST1
35	PA0	DINA	O	C	—	Ed	L	L	Digital input switching control output
36	PA1	DINB	O	C	—	Ed	L	L	Digital input switching control output
37	PA2	DINC	O	C	—	Ed	L	L	Digital input switching control output
38	PA3	DIND	O	C	—	Ed	L	L	Digital input switching control output
39	PA4	DINE	O	C	—	Ed	L	L	Digital input switching control output
40	PA5	DOUTA	O	C	—	Ed	L	L	Digital input switching control output
41	PA6	DOUTB	O	C	—	Ed	L	L	Digital input switching control output
42	PA7/SCOUT	DOUTC	O	C	—	Ed	L	L	Digital input switching control output
43	ALE	←	O	C	—	—	L	L	Address latch enable
44	Vcc		—	—	—	—	—	—	+5V
45	P00/AD0	AD0	I/O	C	—	—	Z	L	EPROM data in D0 / address out A0
46	P01/AD1	AD1	I/O	C	—	—	Z	L	EPROM data in D1 / address out A1
47	P02/AD2	AD2	I/O	C	—	—	Z	L	EPROM data in D2 / address out A2
48	P03/AD3	AD3	I/O	C	—	—	Z	L	EPROM data in D3 / address out A3
49	P04/AD4	AD4	I/O	C	—	—	Z	L	EPROM data in D4 / address out A4
50	P05/AD5	AD5	I/O	C	—	—	Z	L	EPROM data in D5 / address out A5

Pin No.	Name	Symbol	I/O	Type	Det	Op	Res	Init	Function
51	P06/AD6	AD6	I/O	C	—	—	Z	L	EPROM data in D6 / address out A6
52	P07/AD7	AD7	I/O	C	—	—	Z	L	EPROM data in D7 / address out A7
53	P10/AD8/A8	A8	O	C	—	—	Z	L	EPROM address out A8
54	P11/AD9/A9	A9	O	C	—	—	Z	L	EPROM address out A9
55	P12/AD10/A10	A10	O	C	—	—	Z	L	EPROM address out A10
56	P13/AD11/A11	A11	O	C	—	—	Z	L	EPROM address out A11
57	P14/AD12/A12	A12	O	C	—	—	Z	L	EPROM address out A12
58	P15/AD13/A13	A13	O	C	—	—	Z	L	EPROM address out A13
59	P16/AD14/A14	A14	O	C	—	—	Z	L	EPROM address out A14
60	P17/AD15/A15	A15	O	C	—	—	Z	L	EPROM address out A15
61	_WDTOUT	←	O	C	—	—	Z	H	Watch dog output
62	Vss	←	—	—	—	—	—	—	GND
63	Vcc	←	—	—	—	—	—	—	+5V
64	P20/A0/A16	A16	O	C	—	—	Z	L	EPROM address out A16
65	P21/A1/A17	96k-DAC	O	C	—	—	Z	L	Interpolation filter in DAC (AD1854) setting for 96k (H: 96k)
66	P22/A2/A18	ADIRCE	O	C	—	—	Z	L	DIR control terminal (LC89055Q) control chip enable output
67	P23/A3/A19	DIR MOSI	O	C	—	—	Z	L	DIR control terminal (LC89055Q) control data output
68	P24/A4/A20	DAC-RESET	O	C	—	Od	L	H	DAC control terminal (L:Power down, ↑ : Reset, H: Normal)
69	P25/A5/A21	FGAIN	O	C	—	Od	L	L	IV AMP gain switching control output (L: Sub-woofer on)
70	P26/A6/A22	HDCD	O	C	—	Od	L	L	HDCD control terminal (fixed to L)
71	P27/A7/A23	SEL CK	O	C	—	—	Z	L	ADC/DIR data clock switching control terminal (L: ADC)
72	P30/_RD	_RD	O	C	—	—	Z	L	Flash memory control terminal
73	P31/_WR	_WR	O	C	—	—	Z	L	Flash memory control terminal
74	P32/_HWR	CSI	I	—	Lv	—	—	—	DIR control input terminal (L: PCM)
75	P33/_WAIT	ERR MUTE_	O	C	—	Od	L	L	Pop noise preventive mute control output (L: Mute)
76	P34/_BUSRQ	_DSP REQUEST	O	C	—	—	Z	L	(ADSP21061L-A:IRQ1_) host I/F interrupt request output (L: REQ)
77	P35/_BUSRQ	DIG.(AC39 MUTE	O	C	—	Od	Z	L	Digital mute control output (L: AC-3 or DTS decode enable)
78	P36/_R/W	WRITE	O	C	—	—	Z	L	DSP comm. control terminal (H: Data write)
79	P37/_RAS	DIR RESET	O	C	—	—	Z	L	DIR control output (LC89055Q) (L: Reset)
80	P40/\CS0/_CAS0	NU (FLAG 1B)	I	—	Lv	—	—	—	Not used (ADSP21061L-B: FLAG 1B) input
81	P41/_CS1/_CAS1	NU (LFE PRESENCE)	I	—	Lv	—	—	—	Not used (ADSP21061L-B: FLAG 0B) LFE sig. detect input, H: Detected
82	P42/_CS2/_CAS2	_CS0	O	C	—	—	Z	L	Flash memory control terminal
83	P60/PG00	I/01	I/O	C	—	—	Z	L	DSP comm. terminal (ADSP21061L: D16)
84	P61/PG01	I/02	I/O	C	—	—	Z	L	DSP comm. terminal (ADSP21061L: D17)
85	P62/PG02	I/03	I/O	C	—	—	Z	L	DSP comm. terminal (ADSP21061L: D18)
86	P63/PG03	I/04	I/O	C	—	—	Z	L	DSP comm. terminal (ADSP21061L: D19)
87	P64/PG10	I/05	I/O	C	—	—	Z	L	DSP comm. terminal (ADSP21061L: D20)
88	P65/PG11	I/06	I/O	C	—	—	Z	L	DSP comm. terminal (ADSP21061L: D21)
89	P66/PG12	I/07	I/O	C	—	—	Z	L	DSP comm. terminal (ADSP21061L: D22)
90	P67/PG13	I/08	I/O	C	—	—	Z	L	DSP comm. terminal (ADSP21061L: D23)
91	Vss	←	—	—	—	—	—	—	GND
92	P50/AN0	AUDIO LEVEL	I	—	Lv	Eu	Z	—	Signal level detect, set to A/D input
93	P51/AN1	POSI (FAN)	I	—	Lv	Eu	Z	—	Temperature detect, set to A/D input
94	P52/AN2	EMP	I	—	Lv	—	—	—	H: EMP on
95	P53/AN3	96k DET	I	—	Lv	—	—	—	96k signal detect input, H: 96k
96	P54/AN4	BUSY1	I	—	Lv	—	—	—	(ADSP21061L-A:FLAG2A)
97	P55/AN5	NU (FLAG 3A)	I	—	Lv	—	—	—	Not used (ADSP21061L-A: FLAG 3A)
98	P56/AN6	BUSY2	I	—	Lv	—	—	—	(ADSP21061L-B:FLAG2B) input
99	P57/AN7		I	—	Lv	—	—	—	
100	V REFH	←	—	—	—	—	—	—	AD ref. +5V

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Det : Indicates judging state of input port. Level detection is "LV"; Edge detection is "Ed"; Detection by both shifting is "E&L"; Serial data detection is "S" (Serial data output is also "S").
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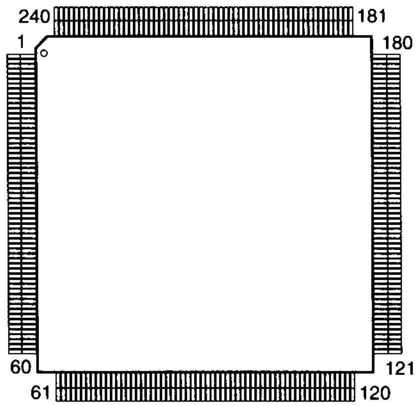
Ini : Initial output state.
Function : Function and logical level explanation of signals to be interface.

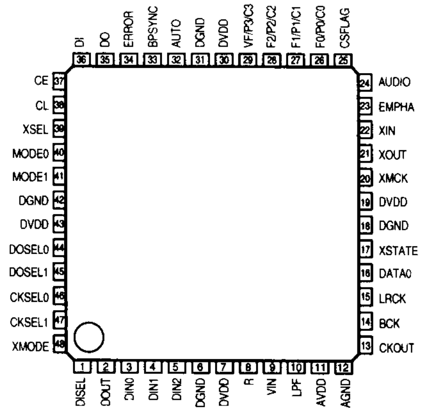
ADSST-21061LKS-176
(DS: IC103, 110)



ADSST-21061LKS-176 Terminal Function

Pin No.	Pin Name	Pin No.	Pin Name	Pin No.	Pin Name	Pin No.	Pin Name	Pin No.	Pin Name	Pin No.	Pin Name
1	TDI	41	ADDR20	81	TCLK0	121	DATA41	161	DATA14	201	NC
2	$\overline{TRST}$	42	ADDR21	82	TFS0	122	DATA40	162	DATA13	202	NC
3	VDD	43	GND	83	DR0	123	DATA39	163	DATA12	203	NC
4	TDO	44	ADDR22	84	RCLK0	124	VDD	164	GND	204	NC
5	TIMEXP	45	ADDR23	85	RFS0	125	DATA38	165	DATA11	205	VDD
6	$\overline{EMU}$	46	ADDR24	86	VDD	126	DATA37	166	DATA10	206	NC
7	ICSA	47	VDD	87	VDD	127	DATA36	167	DATA9	207	NC
8	FLAG3	48	GND	88	GND	128	GND	168	VDD	208	NC
9	FLAG2	49	VDD	89	ADRCLK	129	NC	169	DATA8	209	NC
10	FLAG1	50	ADDR25	90	REDY	130	DATA35	170	DATA7	210	NC
11	FLAG0	51	ADDR26	91	$\overline{HBG}$	131	DATA34	171	DATA6	211	NC
12	GND	52	ADDR27	92	$\overline{CS}$	132	DATA33	172	GND	212	GND
13	ADDR0	53	EGND	93	$\overline{RD}$	133	VDD	173	DATA5	213	NC
14	ADDR1	54	$\overline{MS3}$	94	$\overline{WR}$	134	VDD	174	DATA4	214	NC
15	VDD	55	$\overline{MS2}$	95	GND	135	GND	175	DATA3	215	NC
16	ADDR2	56	$\overline{MS1}$	96	VDD	136	DATA32	176	VDD	216	NC
17	ADDR3	57	$\overline{MS0}$	97	GND	137	DATA31	177	DATA2	217	NC
18	ADDR4	58	$\overline{SW}$	98	CLKIN	138	DATA30	178	DATA1	218	NC
19	GND	59	$\overline{BMS}$	99	ACK	139	GND	179	DATA0	219	VDD
20	ADDR5	60	ADDR28	100	$\overline{DMAG2}$	140	DATA29	180	GND	220	GND
21	ADDR6	61	GND	101	$\overline{DMAG1}$	141	DATA28	181	GND	221	VDD
22	ADDR7	62	VDD	102	PAGE	142	DATA27	182	NC	222	NC
23	VDD	63	VDD	103	VDD	143	VDD	183	NC	223	NC
24	ADDR8	64	ADDR29	104	$\overline{BR6}$	144	VDD	184	NC	224	NC
25	ADDR9	65	ADDR30	105	$\overline{BR5}$	145	DATA26	185	NC	225	NC
26	ADDR10	66	ADDR31	106	$\overline{BR4}$	146	DATA25	186	NC	226	NC
27	GND	67	GND	107	$\overline{BR3}$	147	DATA24	187	NC	227	NC
28	ADDR11	68	$\overline{SBTS}$	108	$\overline{BR2}$	148	GND	188	VDD	228	GND
29	ADDR12	69	$\overline{DMAR2}$	109	$\overline{BR1}$	149	DATA23	189	NC	229	ID2
30	ADDR13	70	$\overline{DMAR1}$	110	GND	150	DATA22	190	NC	230	ID1
31	VDD	71	$\overline{HBR}$	111	VDD	151	DATA21	191	NC	231	ID0
32	ADDR14	72	DT1	112	GND	152	VDD	192	NC	232	LBOOT
33	ADDR15	73	TCLK1	113	DATA47	153	DATA20	193	NC	233	RPBA
34	GND	74	TFS1	114	DATA46	154	DATA19	194	NC	234	$\overline{RESET}$
35	ADDR16	75	DR1	115	DATA45	155	DATA18	195	GND	235	EBOOT
36	ADDR17	76	RCLK1	116	VDD	156	GND	196	GND	236	$\overline{IRQ2}$
37	ADDR18	77	RFS1	117	DATA44	157	DATA17	197	VDD	237	$\overline{IRQ1}$
38	VDD	78	GND	118	DATA43	158	DATA16	198	NC	238	$\overline{IRQ0}$
39	VDD	79	$\overline{CPA}$	119	DATA42	159	DATA15	199	NC	239	TCK
40	ADDR19	80	DT0	120	GND	160	VDD	200	NC	240	TMS

LC89055W
(DS:IC531)

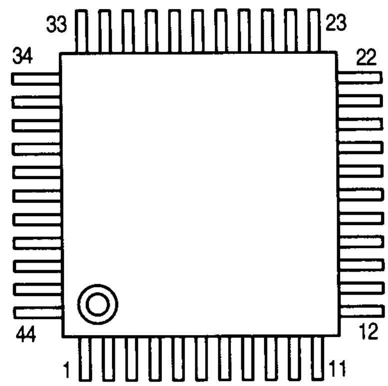


LC89055W Terminal Function

Pin No.	Pin Name	I/O	Function
1	DISEL	I	Data input terminal (select input pin of DIN0, DIN1)
2	DOUT	O	Input bi-phase data through output terminal
3	DIN0	I	Amp built-in coaxial/optical input correspond data input terminal
4	DIN1	I	Amp built-in coaxial/optical input correspond data input terminal
5	DIN2	I	Optical input correspond data input terminal
6	DGND		Digital GND
7	DVDD		Digital power supply
8	R	I	VCO gain control input terminal
9	VIN	I	VCO free-run frequency setting input terminal
10	LPF	O	PLL loop filter setting terminal
11	AVDD		Analog power supply
12	AGND		Analog GND
13	CKOUT	O	Clock output terminal (256fs, 384fs, 512fs, X'tal osc., VCO free-run osc.)
14	BCK	O	64fs clock output terminal
15	LRCK	O	fs clock output terminal (L: Rch, H: Lch, I2S: Reverse)
16	DATAO	O	Data output terminal
17	XSTATE	O	Input data detecting result output terminal
18	DGND		Digital GND
19	DVDD		Digital power supply
20	XMCK	O	X'tal osc. clock output terminal (24.576MHz or 12.288MHz)
21	XOUT	O	X'tal osc. connection output terminal
22	XIN	I	X'tal osc. connection output terminal
23	EMPHA	O	Emphasis information output terminal of channel status
24	AUDIO	O	Bit1 output terminal of channel status
25	CSFLAG	O	Top 40bit revise flag output terminal of channel status
26	F0/P0/C0	O	Input fs cal. sig. out / data type out / input word inf. output terminal
27	F1/P1/C1	O	Input fs cal. sig. out / data type out / input word inf. output terminal
28	F2/P2/C2	O	Input fs cal. sig. out / data type out / input word inf. output terminal
29	VF/P3/C3	O	Validity flag out / data type out / input word inf. output terminal
30	DVDD		Digital power supply
31	DGND		Digital GND
32	AUTO	O	Non PCM burst data transfer detect sig. output terminal
33	BPSYNC	O	Non PCM burst data preamble Pa, Pb, Pc, Pd sync sig. output terminal
34	ERROR	O	PLL lock error, data error flag output terminal
35	DO	O	CPU I/F read data output terminal
36	DI	I	CPU I/F write data input terminal
37	CE	I	CPU I/F chip enable input terminal
38	CL	I	CPU I/F clock input terminal
39	XSEL	I	Frequency select input pin of XIN X'tal osc. (24.576MHz or 12.288MHz)
40	MODE0	I	Mode setting input terminal
41	MODE1	I	Mode setting input terminal
42	DGND		Digital GND
43	DVDD		Digital power supply
44	DOSEL0	I	Data output format select input terminal
45	DOSEL1	I	Data output format select input terminal
46	CKSEL0	I	Output clock select input terminal
47	CKSEL1	I	Output clock select input terminal
48	XMODE	I	Reset input terminal

* For latch-up countermeasure, set digital (DVDD) and analog (AVDD) power on/off in the same timing.

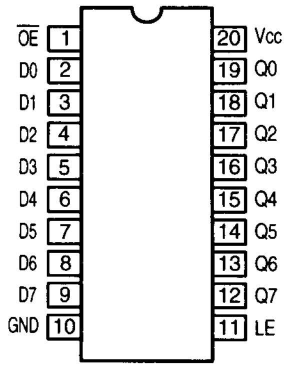
MSM32R0050-521GS
(DS: IC120)

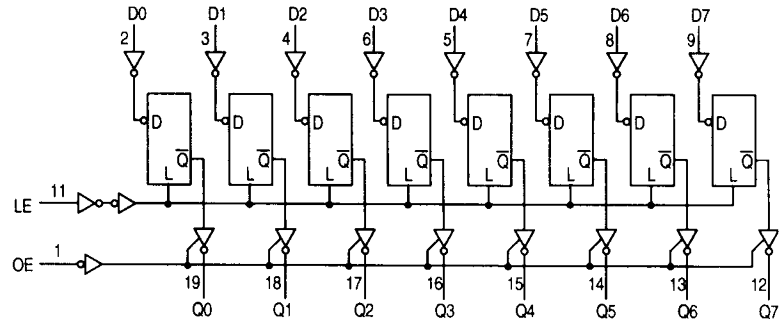


MSM32R0050-521GS Terminal Function

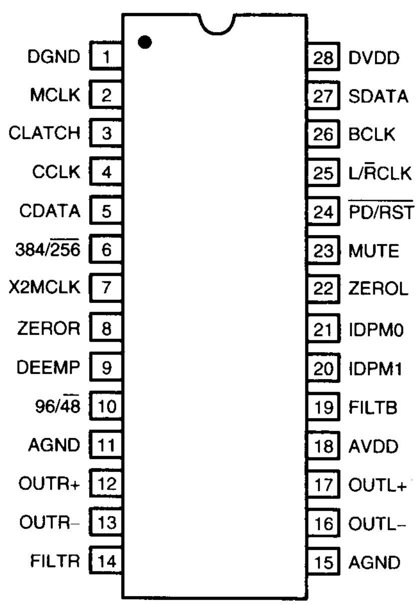
Pin No.	Name	I/O	Function	Pin No.	Name	Symbol	Function
1	Vcc	—		23	GND	—	
2	RFS0	O	RFS for DSP (64fs)	24	NC		
3	GND	—		25	NC		
4	RFS1	O	RFS for DSP (256fs)	26	Vcc	—	
5	GND	—		27	NC		
6	RFS1A	O	Same as RFS1	28	GND	—	
7	GND	—		29	NC		
8	DATA2	I	Output data from DSP	30	NC		
9	GND	—		31	NC		
10	DATA3	O	Data for L/R DAC	32	NC		
11	GND	—		33	MCK0	I	MCK for RFS1 generation
12	DATA4	O	Data for C/SW DAC	34	GND	—	
13	GND	—		35	LRCK0	I	LRCK for RFS0 generation
14	DATA5	O	Data for SL/SR DAC	36	GND	—	
15	GND	—		37	BCK0	I	BCK for RFS0 generation
16	DATA6	O	Data for SBL/SBR DAC	38	GND	—	
17	GND	—		39	GND	—	
18	LRCK1	O	LRCK for all DAC	40	Vcc	—	
19	Vcc	—		41	$\overline{\text{RESET}}$	I	System reset (L: Reset)
20	BCK1	O	BCK for all DAC	42	$\overline{\text{CRESET}}$	I	Clock reset (L: Reset)
21	GND	—		43	GND	—	
22	MCK1	O	MCK for all DAC	44	$\overline{\text{D. MUTE}}$	I	DAC mute (L: Mute)

SN74AHCT573PW (DS: IC111)
SN74LV573APW (DS: IC113, 302)



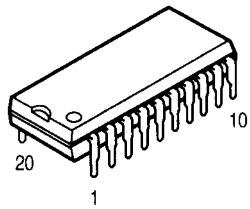


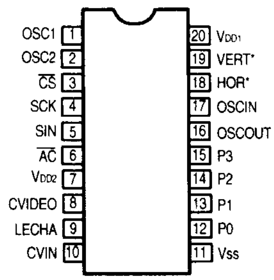
AD1854 (DA: IC304~307)

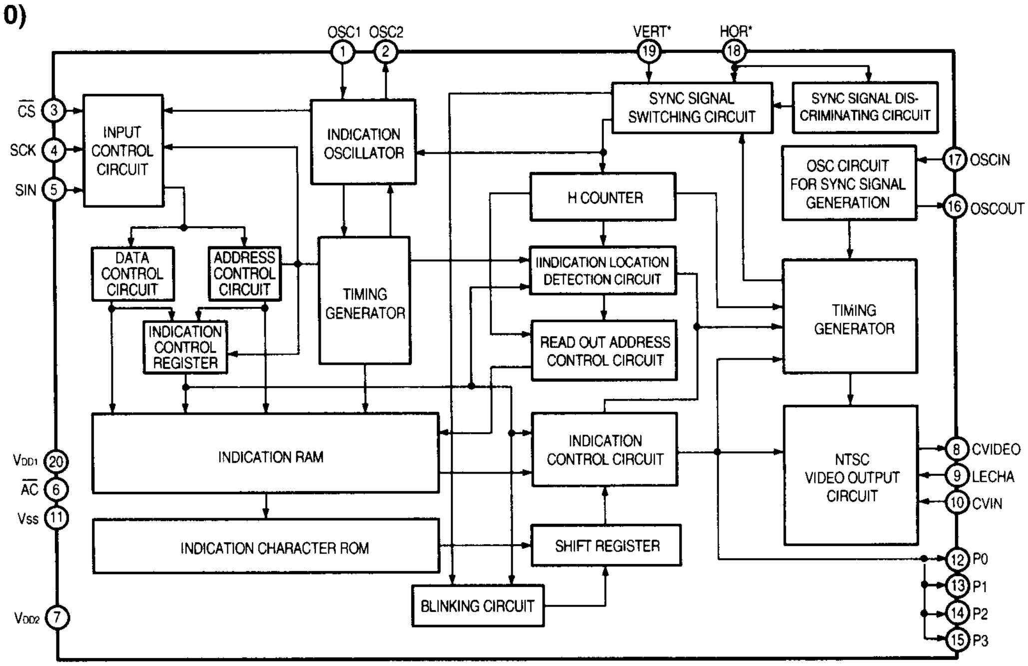


Pin No.	Name	I/O	Description
1	DGND	I	Digital Ground.
2	MCLK	I	Master Clock Input.
3	CLATCH	I	Latch input for control data.
4	CCLK	I	Control clock input for control data.
5	CDATA	I	Serial control input.
6	384/256	I	Selects the master clock mode.
7	X2MCLK	I	Selects internal clock doubler (LO) or internal clock=MCLK (HI)
8	ZEROR	O	Right Channel Zero Flag Output.
9	DEEMP	I	De-Emphasis.
10	96/48	I	Selects 48 kHz (LO) or 96 kHz Sample Frequency Control.
11,15	AGND	I	Analog Ground.
12	OUTR+	O	Right Channel Positive line level analog output.
13	OUTR–	O	Right Channel Negative line level analog output.
14	FILTR	O	Voltage Reference Filter Capacitor Connection.
16	OUTL–	O	Left Channel Negative line level analog output.
17	OUTL+	O	Left Channel Positive line level analog output.
18	AVDD	I	Analog Power supply.
19	FILTB	O	Filter Capacitor connection.
20	IDPM1	I	Input serial data port mode control one.
21	IDPM0	I	Input serial data port mode control zero.
22	ZEROL	O	Left Channel Zero Flag output.
23	MUTE	I	Mute. Assert HI to mute both stereo analog outputs.
24	PD/RST	I	Power-Down/Reset.
25	L/RCLK	I	Left/Right clock input for input data.
26	BCLK	I	Bit clock input for input data.
27	SDATA	I	Serial input.
28	DVDD	I	Digital Power Supply.

M35015-209SP (VI:IC310)



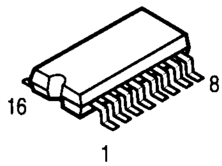


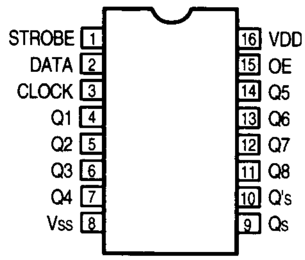


M35015-209SP Terminal Function

Pin No.	Symbol	Name	I/O	Function
1	OSC1	Osc. circuit ext.	I	External terminal for indication oscillator circuit. Standard OSC. freq. is approx. 7MHz.
2	OSC2	terminal.	O	With this OSC. freq., decides horizontal indicatin and character width.
3	$\overline{CS}$	Chip select input	I	Chip select terminal and turns to "L" when transfer serial data. Hysteresis input. Pull up resistor is built-in.
4	SCK	Serial clock input	I	Takes in serial data of SIN at SCK rise when CS terminal is in "L". Hysteresis input. Pull up rersist is built-in.
5	SIN	Serial data input	I	Serial input of register for indication control and data, and address for indication data memory. Hysteresis input. Pull up rersistor is built-in.
6	$\overline{AC}$	Auto-clear input	I	Resets internal circuit of IC at "L" mode. Hysteresi input. Pull up resistor is built-in.
7	VDD2	Power supply	—	Power supply terminal of analog system. Connect to +5V.
8	CVIDEO	Combined video output	O	Output terminal of combined video signal. Outputs 2Vp-p combined signal. Character output, etc. Overlap CVIN signal and outputs at superimpose.
9	LECHA	Character level input	I	Input terminal deciding character output level in combined video signal. color of character is white.
10	CVIN	Combined video input	I	Input terminal of external combined video signal. Character output etc. overlap this external combined video signal.
11	Vss	Ground	—	Ground terminal. Connect to GND.
12	P0	Output port p0	O	General output or character background signal BL NK1* output is switchable. Polarity can be selected at ROM mask.
13	P1	Output port P1	O	General output or character background signal CO1* output is switchable. Polarity can be selected at ROM mask.
14	P2	Output port P2	O	General output or character background signal BLNK2* output is switchable. Polarity can be selected at ROM mask.
15	P3	Output port P3	O	General output or character background signal CO2* output is switchable. Polarity can be selected at ROM mask.
16	OSCOUT	Ext. terminal	O	Terminal for external use of sync signal OSC. circuit. Use the freq.: 14.32MHz at NTSC
17	OSCIN	for sync sig. OSC. Circuit	I	system, 17.73MHz at PAL. system, 14.30MHz at MPAL system.
18	HOR*	Horizontal sync signal	I	Inputs horizontal sync signal. Hysteresis input.
19	VERT*	Vertical sync signal	—	Input vertical sync signal. Hysteresis input. Polarity can be selected at ROM mask.
20	VDD1	Power supply	I	Power supply terminal of digital system. Connect to +5V.

TC4094BF
(MA: IC202, 203)





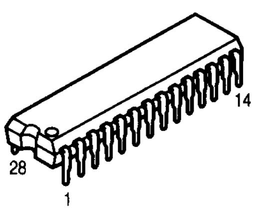
IC202

Port	Symbol	Function
Q1	INA	Video input switching
Q2	INB	Video input switching
Q3	INC	Video input switching
Q4	RECA	Video output switching
Q5	RECB	Video output switching
Q6	RECC	Video output switching
Q7	V-1	Video REC OUT INH control
Q8	V-2	Video REC OUT INH control

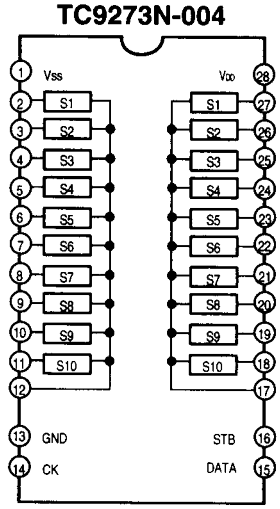
IC203

Port	Symbol	Function
Q1	—	Not used
Q2	F/SB SELECT	For main speaker select (L: Front, H: S. Back)
Q3	NU	Open (Fixed to L)
Q4	TONE_	Tone control (H: ON / DIRECT, THX, TEST TONE, PEAK LIMIT)
Q5	—	Not used
Q6	—	Not used
Q7	SP AGND	H: SURROUND SP A select only
Q8	DIRECT DVD/CD_	DIRECT DVD or CD switching (H: DVD analog direct)

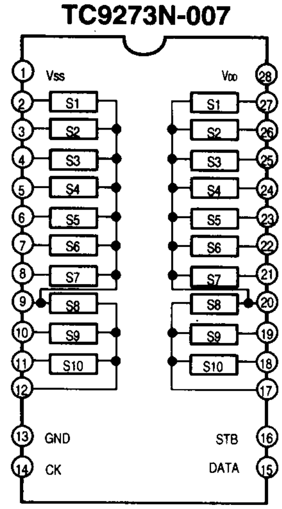
TC9273N-004 (AU: IC111)
TC9273N-007 (TO: IC705)
TC9273N-015 (EX: IC907-AVC-A10SE only)



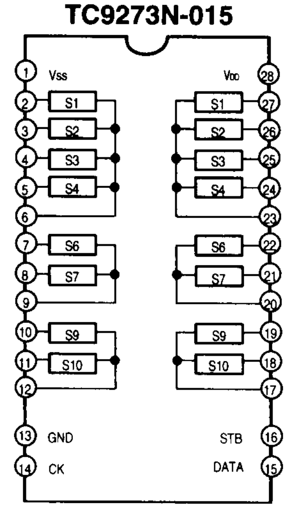
TC9273N-004



TC9273N-007



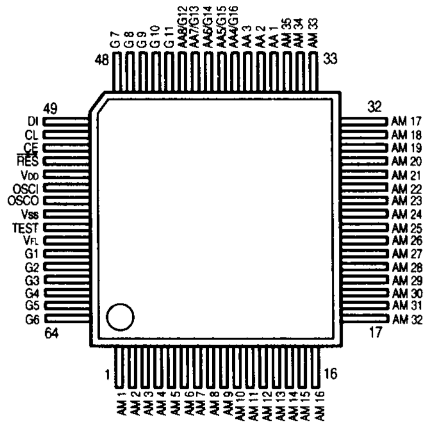
TC9273N-015



TC9273N Terminal Function

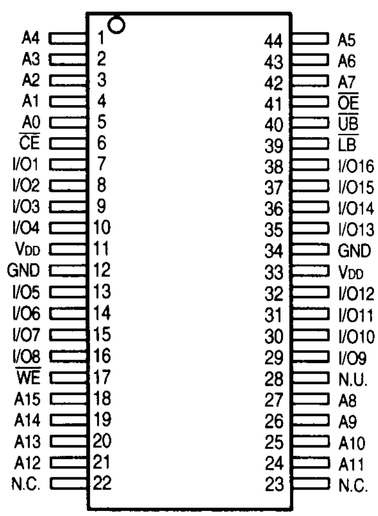
Pin No.	Symbol	Name	Function	Note
1	Vss	–Power Terminal	Dual Power Use: VDD = 8.0~17 V Single Power Use: VDD = 8.0~18V	—
13	GND	Digital Ground	GND = 0V Vss = GND = 0V	
28	VDD	+Power Terminal	Vss = –8.0~17V	
2~12 / 17~27	S1~11	I/O Terminal	Input terminal of analog switch.	—
14	CK	Clock Input	Clock input for data transfer.	Low level Border Input Terminal
15	DATA	Data Input	Serial input for switch setting.	
16	STB	Strobe Input	Strobe input for data writing.	

LC75721E (VI: IC102)



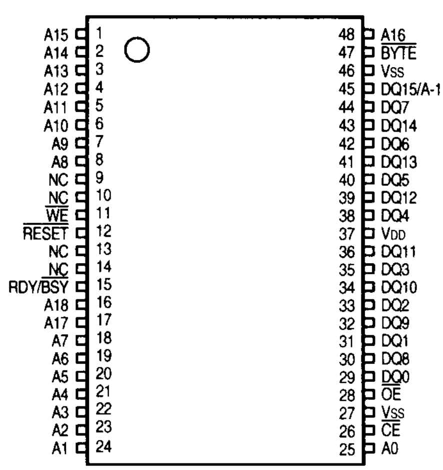
Symbol	Function
VDD	Power terminal +5V
Vss	Power terminal GND
VFL	Power terminal FL drive
DI CL CE	Serial data transfer terminal DI: Data CL: Clock CE: Chip enable
OSCI OSCO	External CR connecting terminal
RES	System reset terminal
AM1~AM35 AA1~AA3	Anode output terminal
AA4/G16 AA5/G15 AA6/G14 AA7/G13 AA8/G12	Anode/Grid output terminal
G1~G11	Grid output terminal
TEST	LSI test terminal

TC55V1664BFT-12 (DS: IC108, 112)



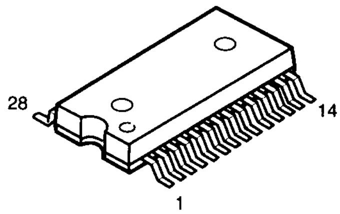
Symbol	Function
A0~A15	Address input
I/O1~I/O16	Data in/output
CE	Chip enable input
WE	Write enable input
OE	Output buffer control input
LB, UB	Data byte control input
VDD	Power terminal (3.3V)
GND	GND
N.C.	No connection
N.U.	Unusable (input)

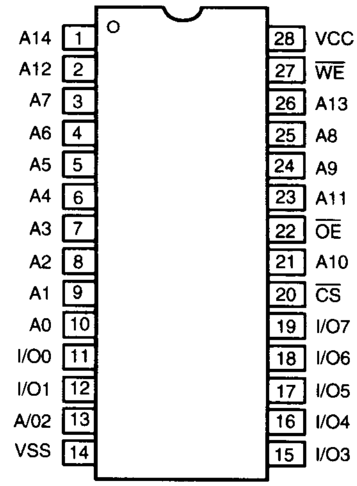
LH28F800BVE-BTL90 (DS: IC119)

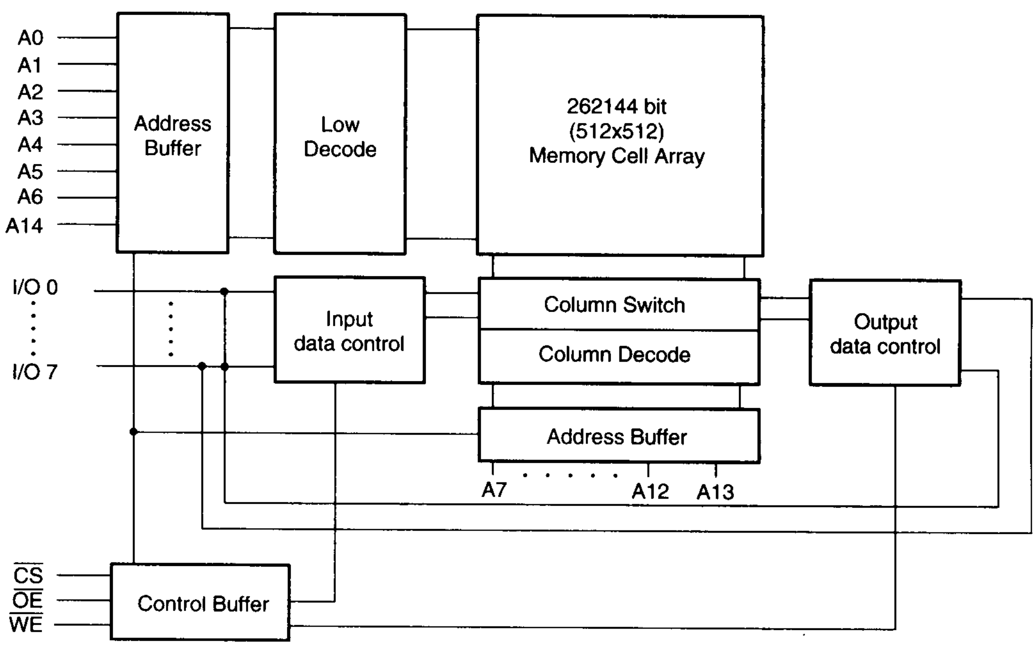


Symbol	Function
A0~A18	Address input
DQ0~DQ14	Data in/output
DQ15/A-1	Data in/output / Address input
CE	Chip enable input
OE	Output enable input
BYTE	Word/byte select input
WE	Write enable input
RDY/BSY	Ready/busy output
RESET	Hardware reet input
N.C.	No connection
VDD	Power
Vss	GND

BR62256F-70LL (DS: IC516-AVC-A10SE only)



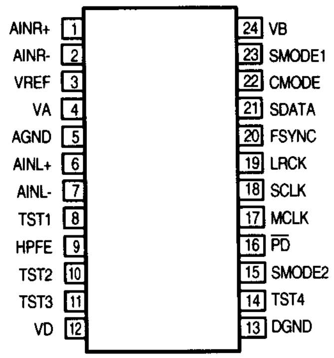


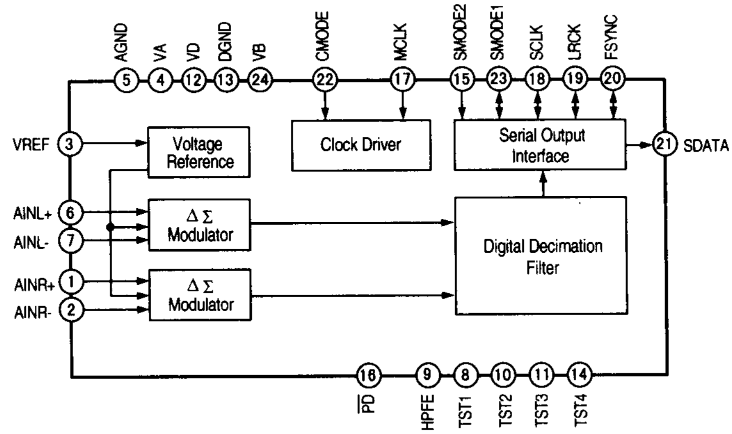


BR62256F-70LL Terminal Function

Pin No.	Symbol	I/O	Function
1~10	A0~A9	I	32k byte memory address input.
11~13,	I/00~I/02	I/O	8 bit data input/output.
14	Vss	—	GND
15~19	I/03~I/07	I/O	8 bit data input/output.
20	CS	I	Chip select control input.
21	A10	I	32k byte memory address input.
22	OE	I	Output enable control input.
23~26	A11~A14	I	32k byte memory address input.
27	WE	I	Write enable control input.
28	Vcc	—	+5V power supply.

AK5351 (DS: IC527)

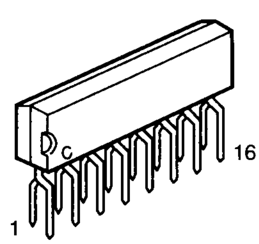


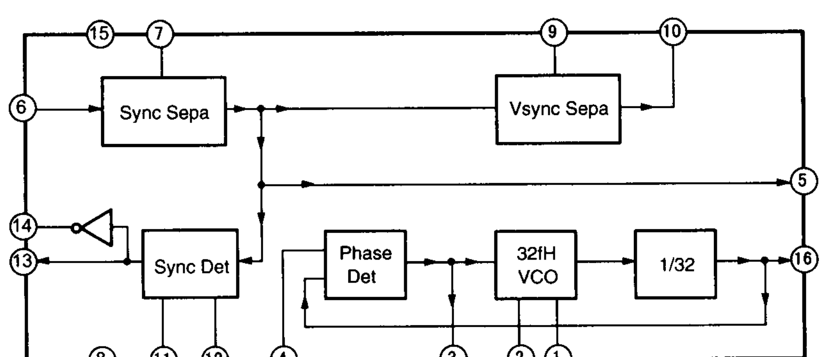


AK5351 Terminal Function

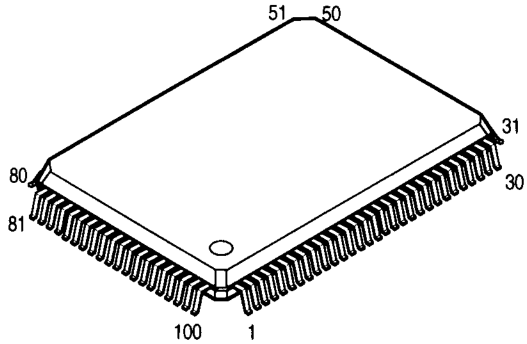
Pin No.	Symbol	I/O	Function
1	AINR+	I	Rch analog non-inverted input pin.
2	AINR–	I	Rch analog inverted input pin
3	VREF	O	Vref. output pin (VA-2.6V)
4	VA	—	Analog part power supply pin (+5V)
5	AGND	—	Analog ground pin
6	AINL+	I	Lch analog non-inverted input pin
7	AINL–	I	Lch analog inverted input pin
8	TST1		Test pin
9	HPFE	I	Hi-pass filter enable pin, "H": ON, "L": OFF
10	TST2		Test pin
11	TEST3		Test pin
12	VD	—	Digital part power supply pin (+5V)
13	DGND	—	Digital ground pin
14	TST4		Test pin
15	SMODE2	I	Interface clock select pin
16	PD	I	Power down pin, "L": power down mode
17	MCLK	I	Master clock input pin, CMODE="H": 384fs, "L": 256fs
18	SCLK	I/O	Serial data clock pin
19	LRCK	I/O	Input channel select pin
20	FSYNC	I/O	Frame sync clock pin
21	SDATA	O	Serial data output pin
22	CMODE	I	Master clock select pin, "H": MCLK=384fs, "L": 256fs
23	SMODE2	I	Interface clock select pin
24	VB	—	Bulk power supply pin (+5V)

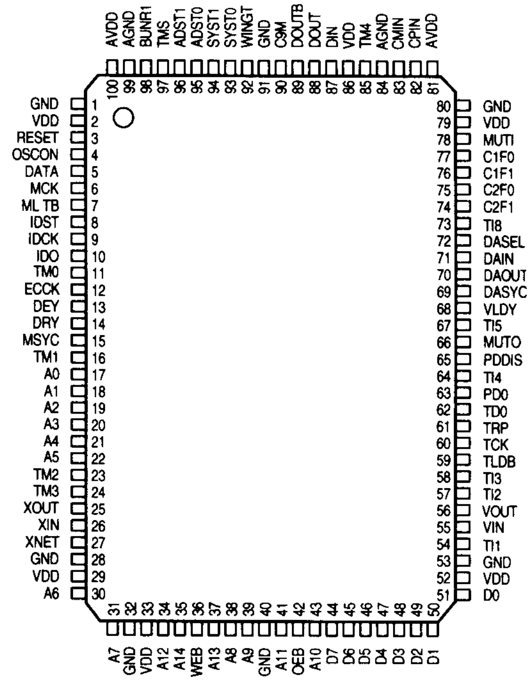
NJM2229S (VI: IC312)

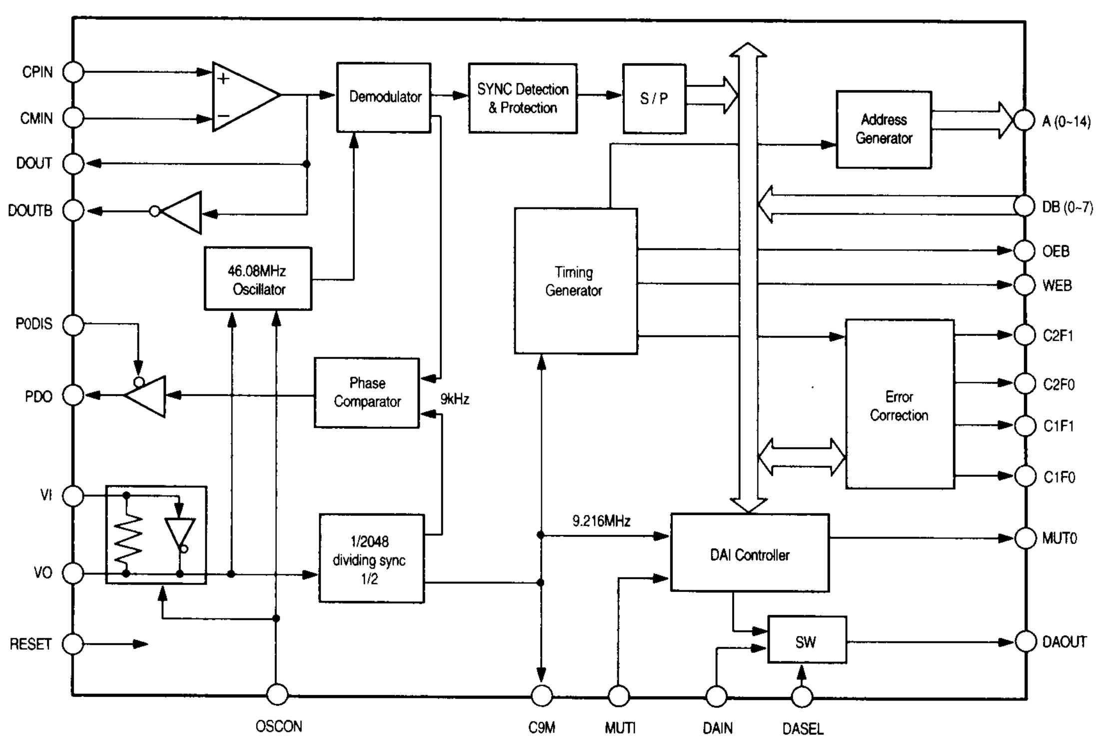




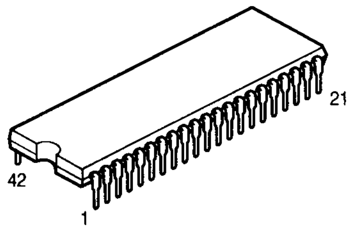
PM4007A (DS: IC512-AVC-A10SE only)

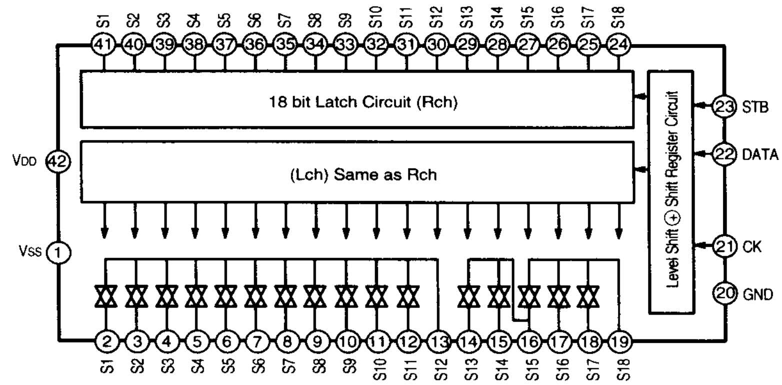




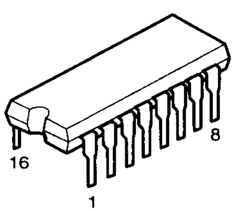


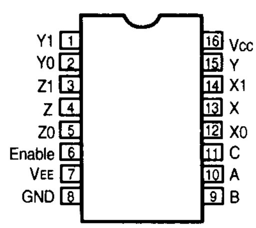
TC9274N-011 (AU: IC110)





MC74HC4053N (VI: IC309)

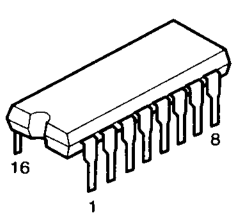


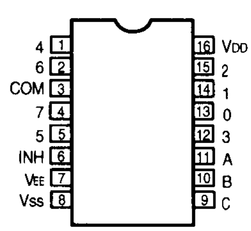


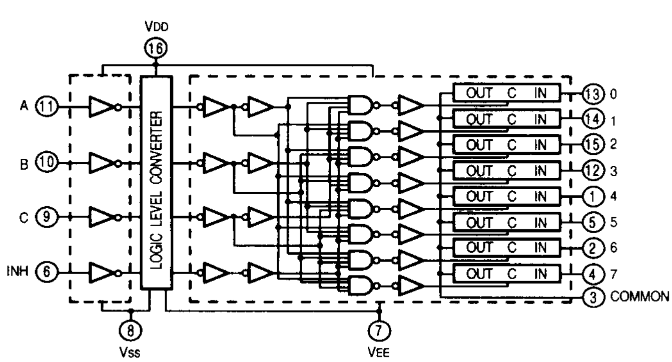
Control Inputs				ON Switches		
	Select					
Enable	C	B	A			
L	L	L	L	Z0	Y0	X0
L	L	L	H	Z0	Y0	X1
L	L	H	L	Z0	Y1	X0
L	L	H	H	Z0	Y1	X1
L	H	L	L	Z1	Y0	X0
L	H	L	H	Z1	Y0	X1
L	H	H	L	Z1	Y1	X0
L	H	H	H	Z1	Y1	X1
H	X	X	X	None		

X = Don't Care

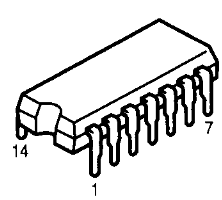
BU4051BC (VI: 304, 305, 403, 404, 407, 408)

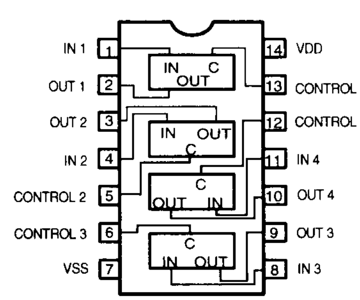




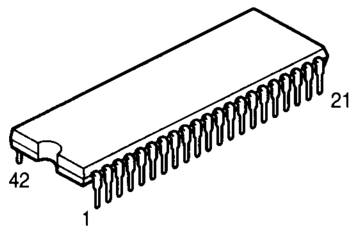


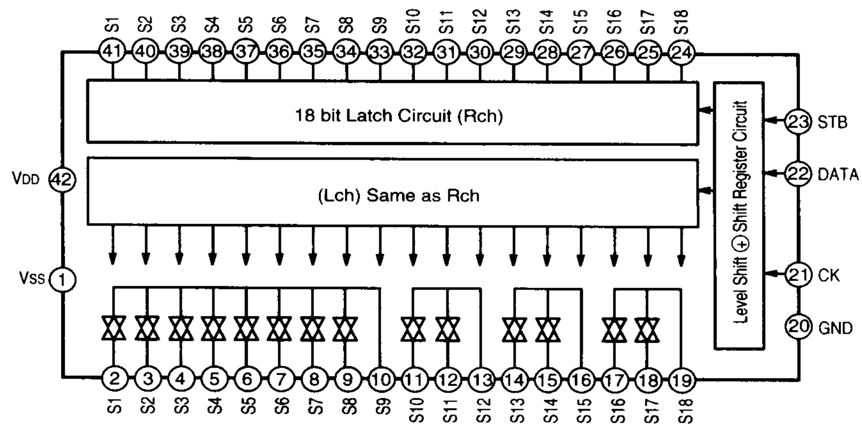
HD14066BP (VI: IC307, 411)



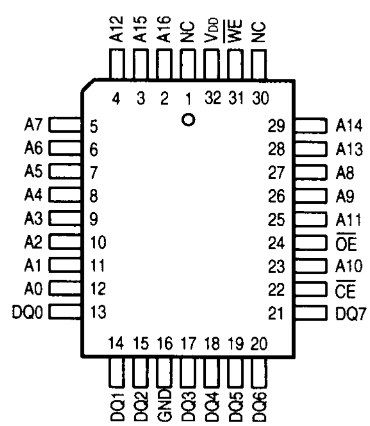


TC9274N-012 (EX: IC906)





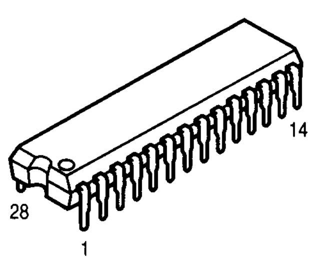
W29EE011P-90 (DS: IC303)

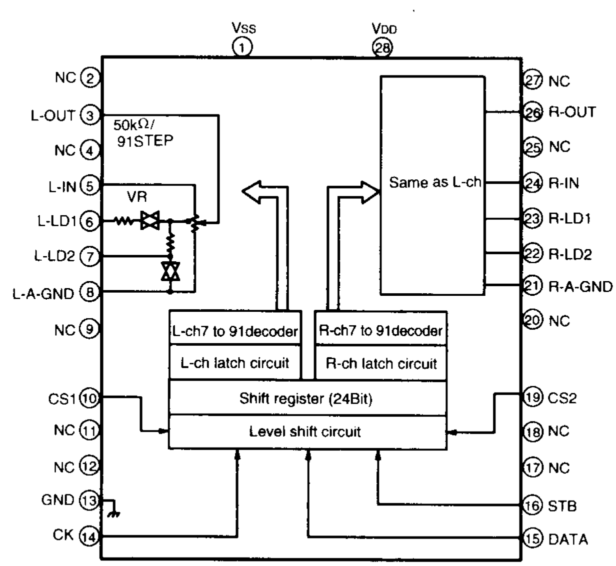


Terminal Function

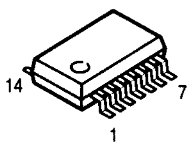
Name	Function
A0 - A16	Address input
DQ0 - DQ7	Data in/output
$\overline{CE}$	Chip enable
$\overline{OE}$	Output enable
$\overline{WE}$	Write enable
V_{DD}	Power terminal
GND	GND
NC	No connection

TC9459N (EX: IC505~508)

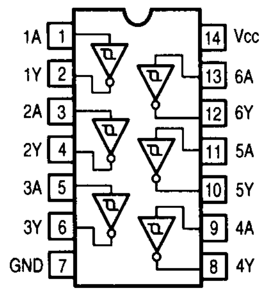




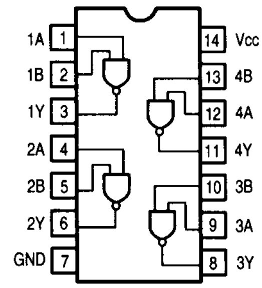
SN74LV14APW
(DS: IC530, 532)
SN74LV00APW
(DS: IC102, 122, 524, 529)
TC74VHC02FT
(DS: IC109)
SN74LV74APW
(DS: IC105)
SN74HC74NS
(DA: IC302)
SN74HCU04NS
(TO: IC471)



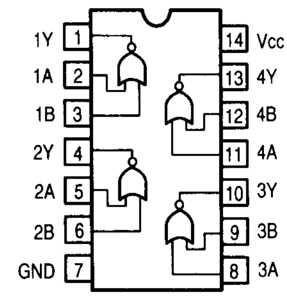
SN74LV14APW



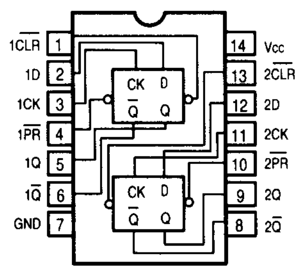
SN74LV00APW



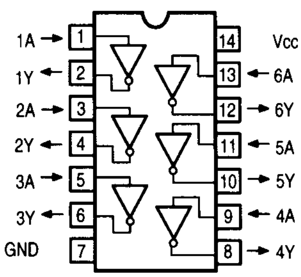
TC74VHC02FT



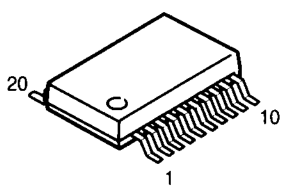
SN74LV74APW
SN74HC74NS

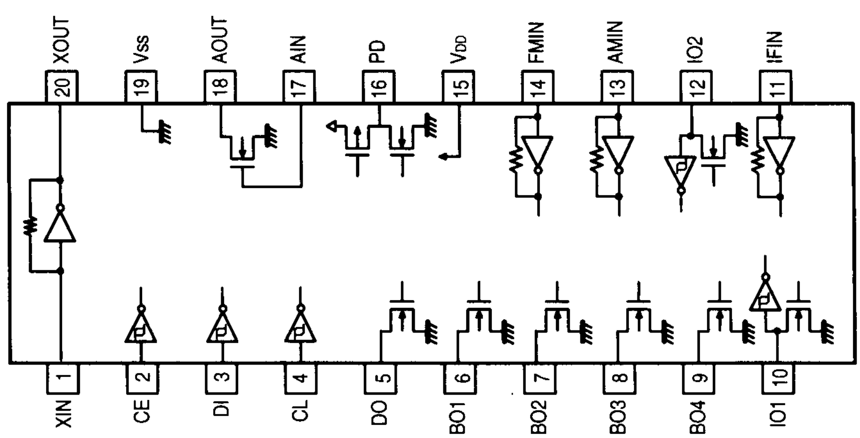


SN74HCU04NS

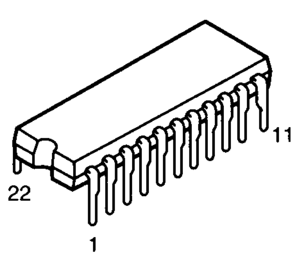


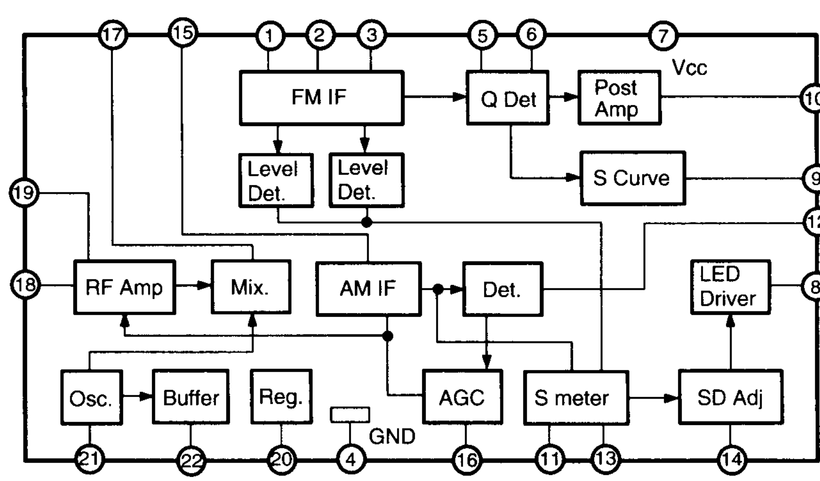
LC72131M (TU: IC307-AVR-4800 only)



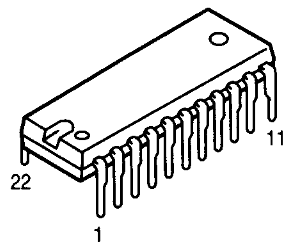


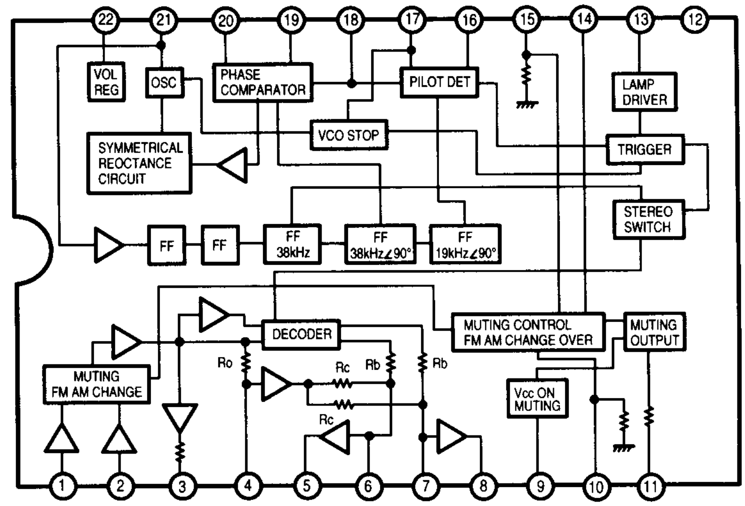
LA1265 (S) (TU: IC303-AVR-4800 only)



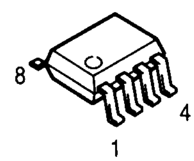


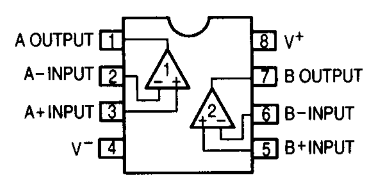
LA3401
(TU: IC302-AVR-4800 only)



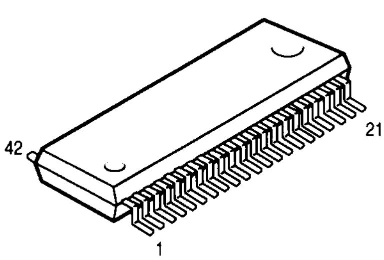


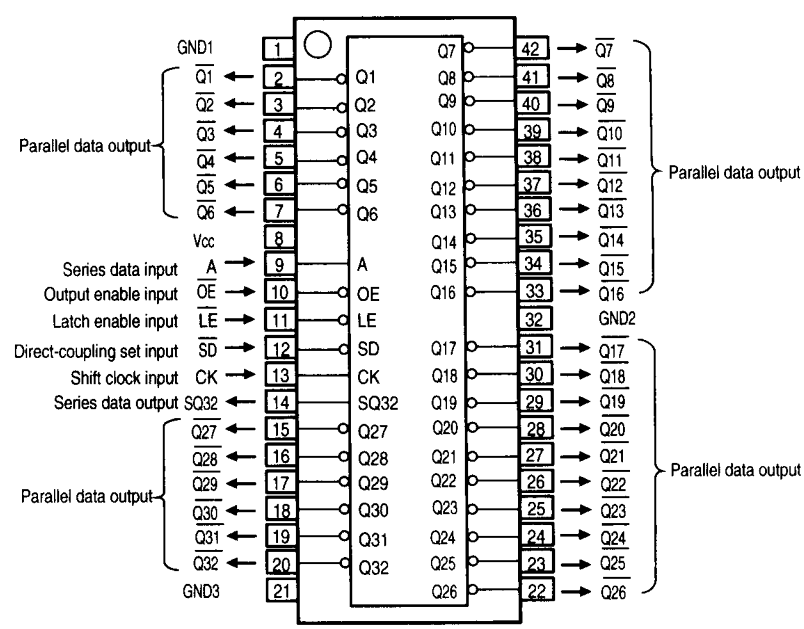
BA15218F (TU: IC310-AVR-4800 only, TO: IC609, 901)
NJM2068MD
(AU: IC101~109, 112, 251, 253)
(MA: IC204)
(DA: IC701~704, 801~804)
(TO: IC701~704, 801)
(EX: IC801~803, 807, 901~904)
BA4510F (DS: IC651, 652)
NJM5532MD
(TO: IC601, 603)
(EX: IC601, 603, 605, 607)
(DA: IC801~804)



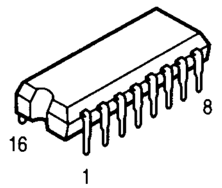


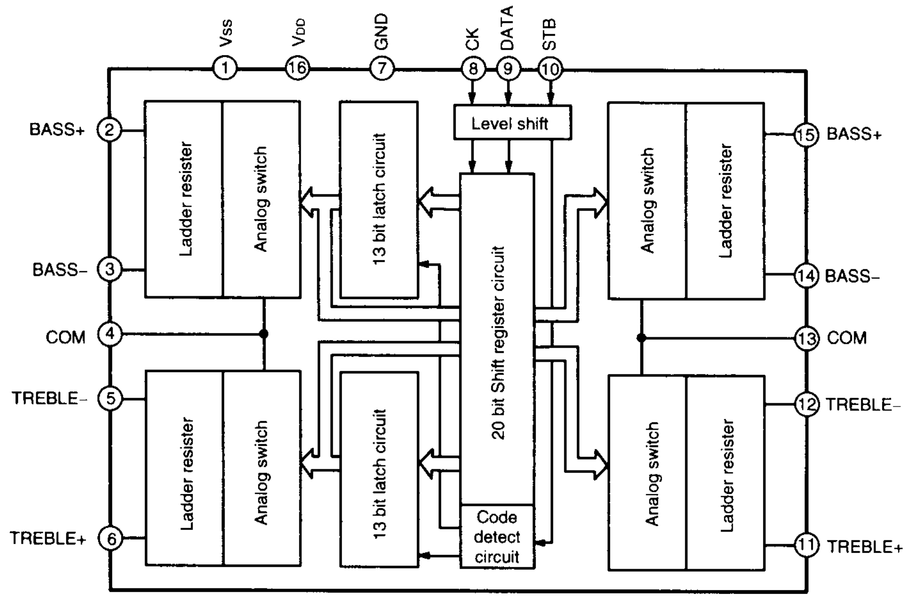
M66313FP (VI: IC101)



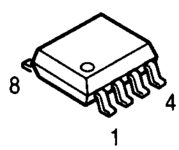


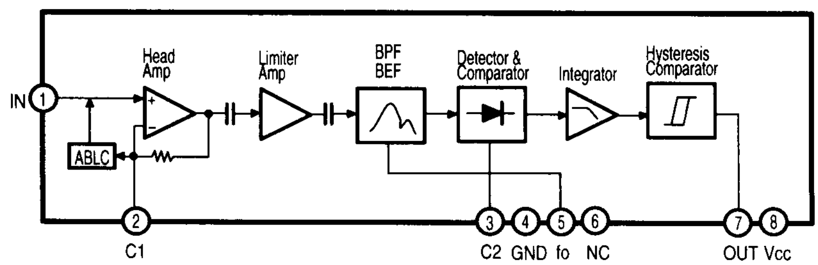
TC9184AP (TO: IC602, 604)



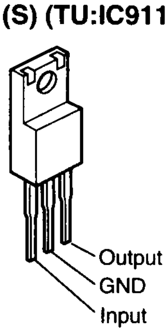


CXA1511M (RE:IC908)

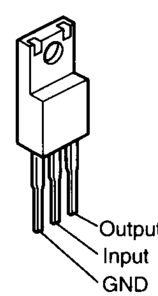




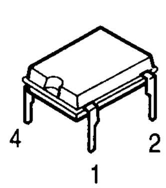
BA033T (MA:IC903)
NJM7805FA (S) (TU:IC913)
(MA:IC601,906)
NJM7806FA (S) (MA:IC904)
(RE:IC701)
NJM7812FA (S) (MA:IC291-AVR-4800only)
NJM7815FA (S) (TU:IC911)

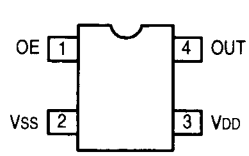


NJM7905FA (MA:IC902-AVC-A10SE only)
NJM7906FA (MA:IC905)
NJM7915FA (TU:IC912)

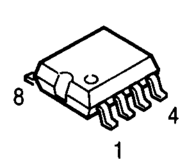


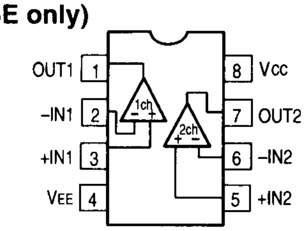
SG-8002DCPT (12.287MHz)
(DS:IC528)



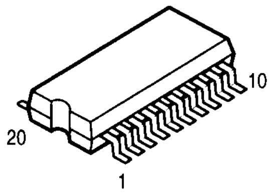


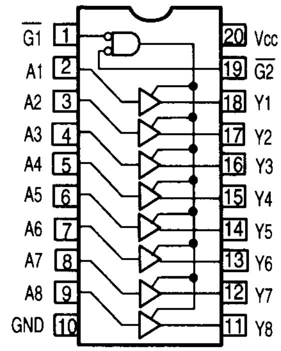
BA4560F
(DS:IC511-AVC-A10SE only)



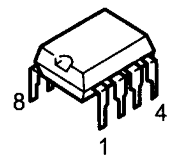


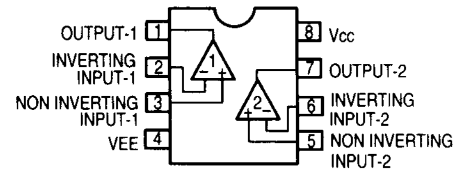
TC74VHC541FT (DS: IC114)
TC74VHCT541AFT (DS: IC116)



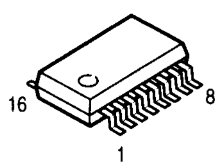


TK15420D
(VI: IC301, 302, 308, 311, 401, 402, 406, 409, 412, 413)
(RE: IC372, 373)
(DS: IC507)

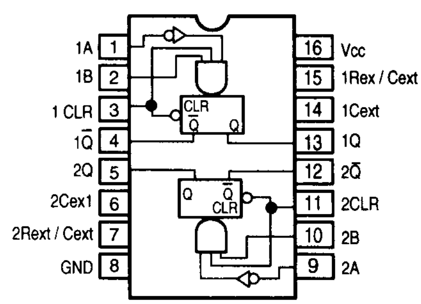




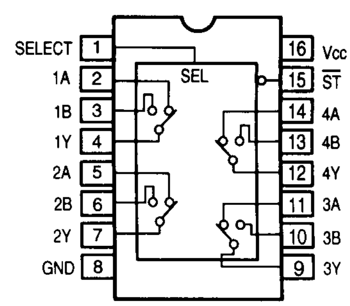
TC74VHC123AFT
(DS: IC517, 523)
SN74AHC157PW
(DS: IC525)
TC74HCT157AF
(DA: IC301, 303)
SN74HC151NS
(DS: IC509, 510, 513)



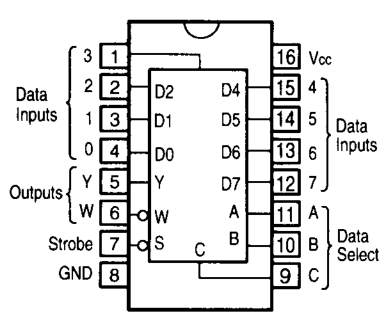
TC74VHC123AFT



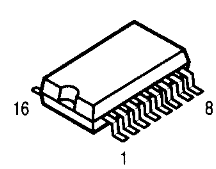
SN74AHC157PW
TC74HCT157AF

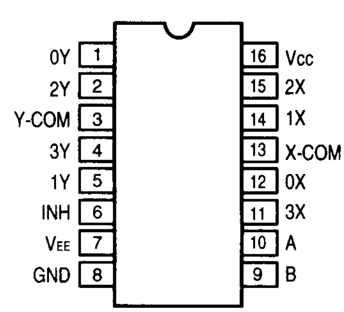


SN74HC151NS



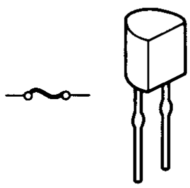
TC4052BF (RE: IC371, 374)





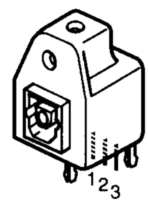
● IC PROTECTOR

ICP-N15 (RE: IC702)

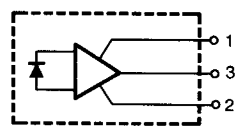


● OPTICAL

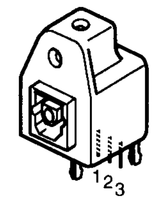
INPUT
GP1F37R1 (DS: IC501~505)



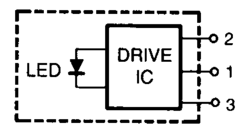
1. Vcc
2. GND
3. Vout



OUTPUT
GP1F38T2 (DS: IC506)

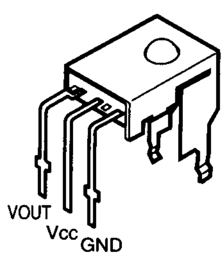


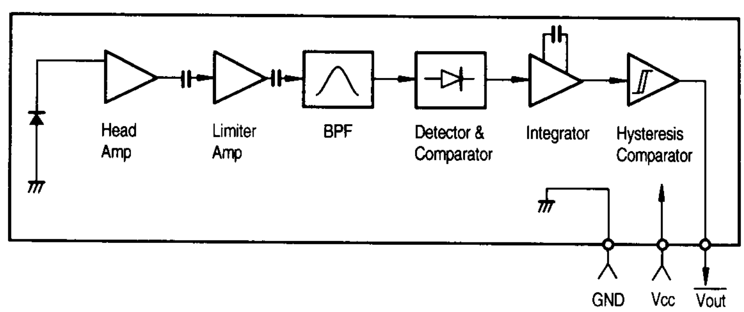
1. Vin
2. Vcc
3. GND



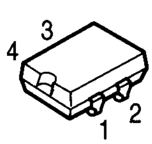
● OTHERS

GP1U271X (Remote Control Sensor)
(TO: IC401)





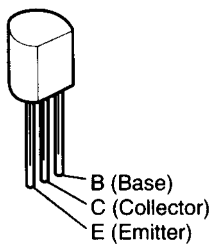
HG-8002JA (X'tal Oscillator)
(DS: IC115)



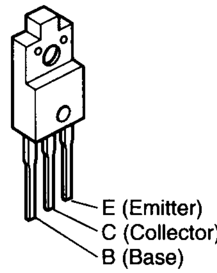
1. OE or ST
2. GND
3. OUT
4: VDD

● TRANSISTORS

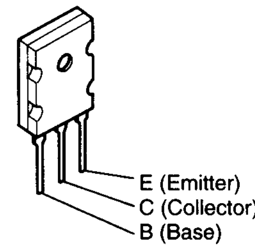
2SA970 (BL)
2SA988 (E/F)
2PC1815 (BL)
2SC1841 (E/F)



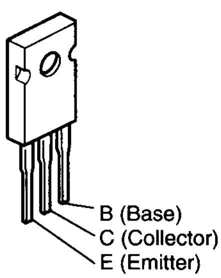
2SD1762 (E/F)



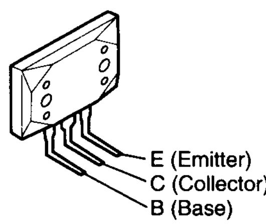
2SA1489
2SA1491
2SC3855



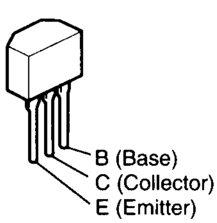
2SA1546 (L)
2SC4001 (M/L)



MN1715
MP1715

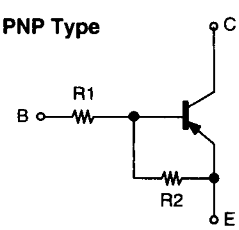


DTA114ES
DTC143ES
DTC144ES



DTA114ES

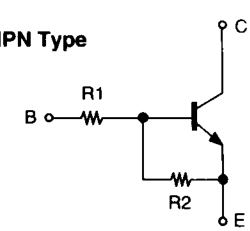
PNP Type



	R1	R2
DTA114ES	10kohm	10kohm

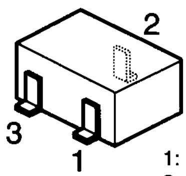
DTC143ES
DTC144ES

NPN Type



	R1	R2
DTC143ES	4.7kohm	4.7kohm
DTC144ES	47kohm	47kohm

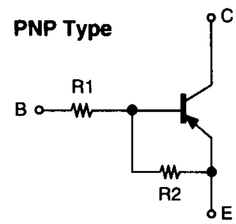
DTA114EK
DTA114TK (AVR-4800only)
DTA144EK
DTC114EK
DTC144EK
DTC323TK (AVR-4800only)
RN2402 (AVR-4800only)



1: GND/(Emitter)
2: Output/(Collector)
3: Input/(Base)

DTA114EK
DTA114TK
DTA144EK
RN2402

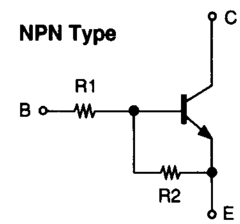
PNP Type



	R1	R2
DTA114EK	10kohm	10kohm
DTA114TK	10kohm	—
DTA144EK	47kohm	47kohm
RN2402	10kohm	10kohm

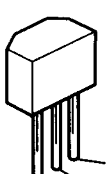
DTC114EK
DTC144EK
DTC323TK

NPN Type



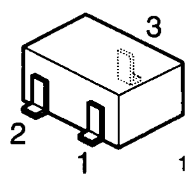
	R1	R2
DTC114EK	10kohm	10kohm
DTC144EK	47kohm	47kohm
DTC323TK	2.2kohm	—

2SC1740S (S)



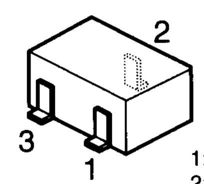
B (Base)
C (Collector)
E (Emitter)

2SK771



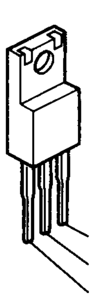
1: (Drain)
2: (Source)
3: (Gate)

2SA1037K (S/R)
2SA1182 (Y/O)
2SB709A
2SC2412K (S)
2SD601A
2SC2996
2SC3326 (A/B)



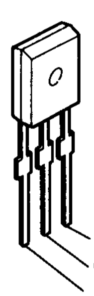
1: (Emitter)
2: (Collector)
3: (Base)

2SA1725 (O/P/Y)
2SC4495
2SC4511 (O/P/Y)



E (Emitter)
C (Collector)
B (Base)

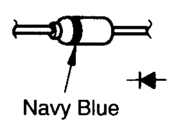
2SB1328



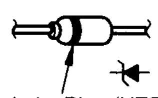
B (Base)
C (Collector)
E (Emitter)

● DIODES (LED Included)

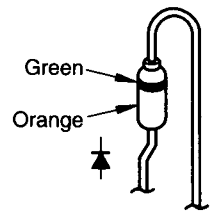
1SS270A



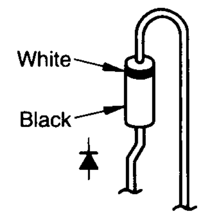
HZS4C-1 HZS16-1
HZS5A-1 MTZJ9.1A
HZS12A-1 MTZJ18A
MTZJ3.3A MTZJ36A
MTZJ5.6A
MTZJ6.2A
MTZJ6.8A



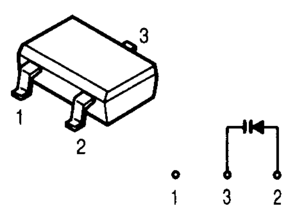
1SR35-400A



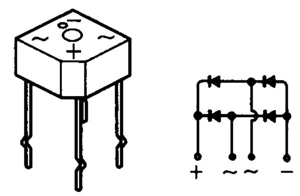
DSM1D2 (Type3)



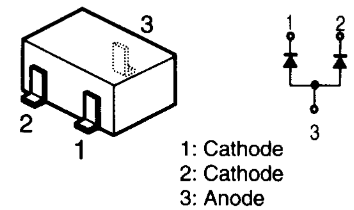
KV1851-TL



S4VB20



DAP202K



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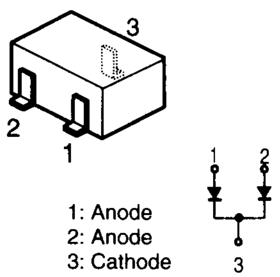
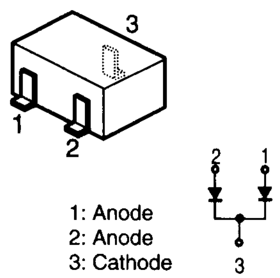
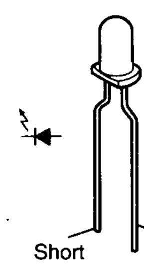


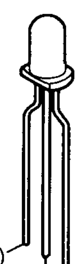
MA151WK



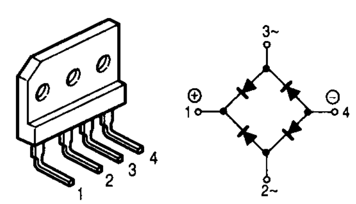
SEL1210S (Red)
SEL-1210R (Red)
SEL1410E (Green)
SEL-4214S



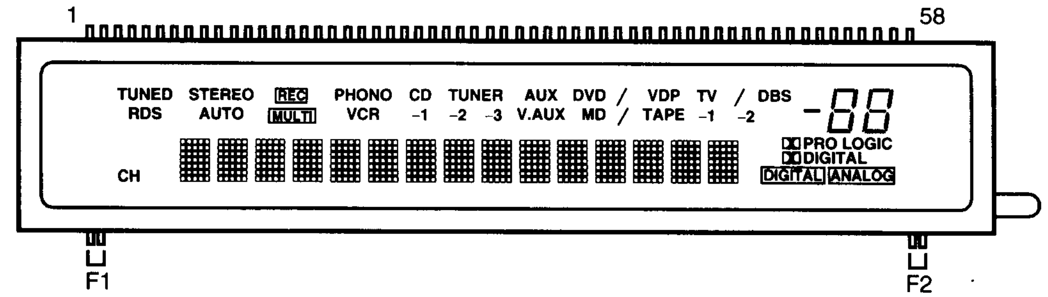
SML1216W

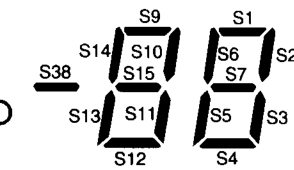


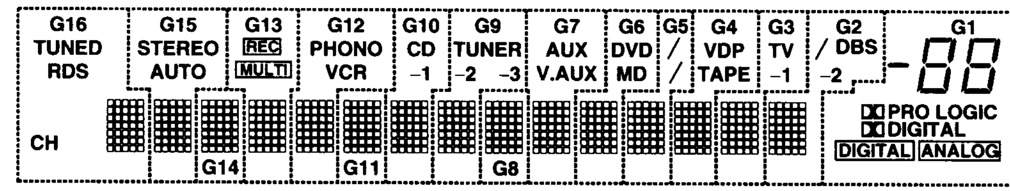
RBV-1506



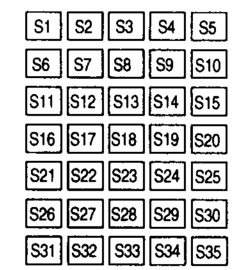
FL DISPLAY CM1690C (VI : FL101)







G2~G16



Pin Assignment

PIN NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CONNECTION	F1	F1	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18
PIN NO.	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
CONNECTION	S19	S20	S21	S22	S23	S24	S25	S26	S27	S28	S29	S30	S31	S32	S33	S34	S35	S36	S37	S38
PIN NO.	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58		
CONNECTION	G16	G15	G14	G13	G12	G11	G10	G9	G8	G7	G6	G5	G4	G3	G2	G1	F2	F2		

F1,F2 : Filament
G1~G16 : Grid
S1~S38 : Anode

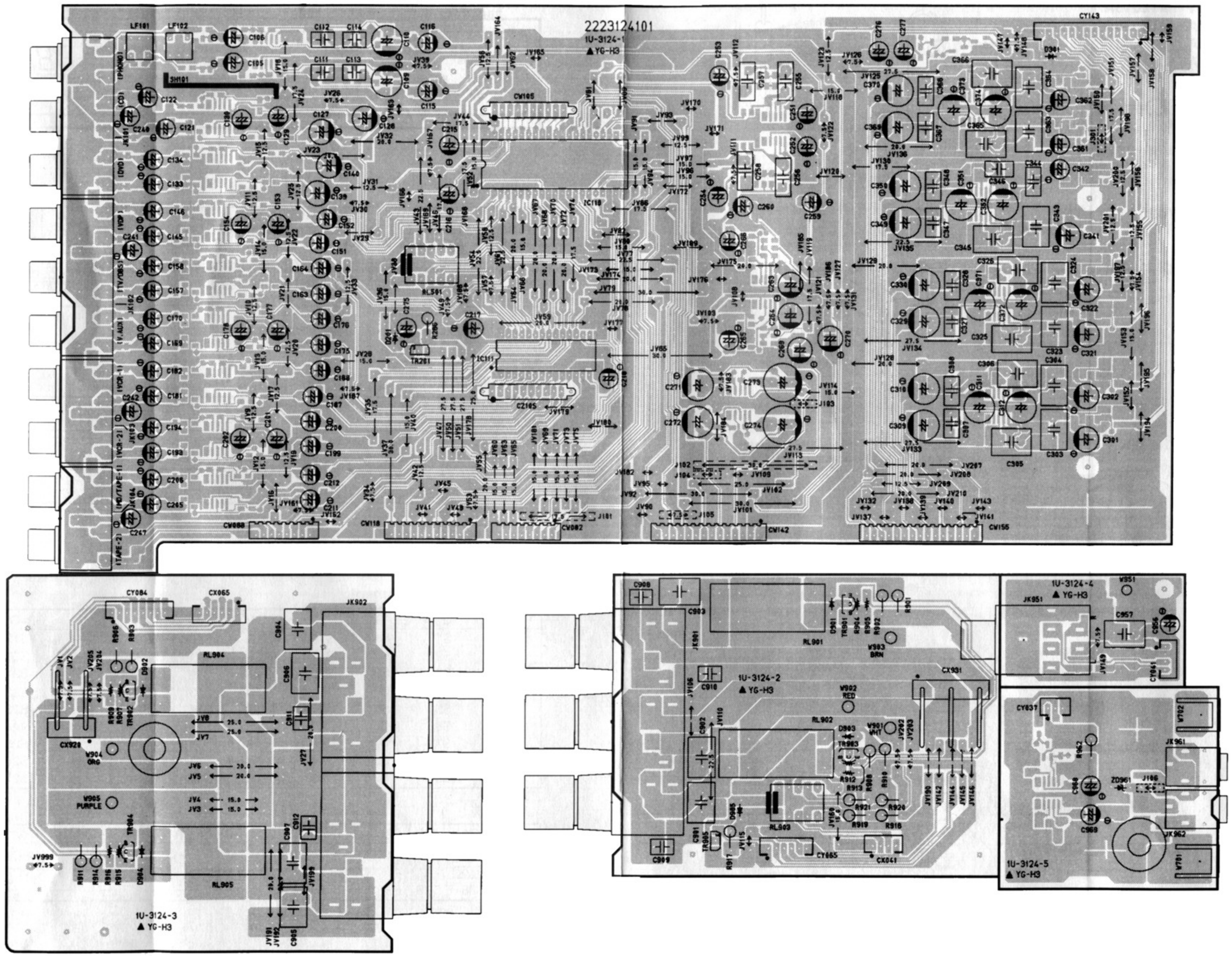
Anode & Grid Assignment

	G1	G2~G16		G1	G2~G16		G1	G2~G16		G1	G2~G16
S1	S1	S1	S10	S10	S10	S19	—	S19	S28	—	S28
S2	S2	S2	S11	S11	S11	S20	—	S20	S29	—	S29
S3	S3	S3	S12	S12	S12	S21	—	S21	S30	—	S30
S4	S4	S4	S13	S13	S13	S22	—	S22	S31	—	S31
S5	S5	S5	S14	S14	S14	S23	—	S23	S32	—	S32
S6	S6	S6	S15	S15	S15	S24	—	S24	S33	—	S33
S7	S7	S7	S16	—	S16	S25	—	S25	S34	—	S34
S8	—	S8	S17	DD DIGITAL	S17	S26	—	S26	S35	—	S35
S9	S9	S9	S18	DD PRO LOGIC	S18	S27	—	S27			

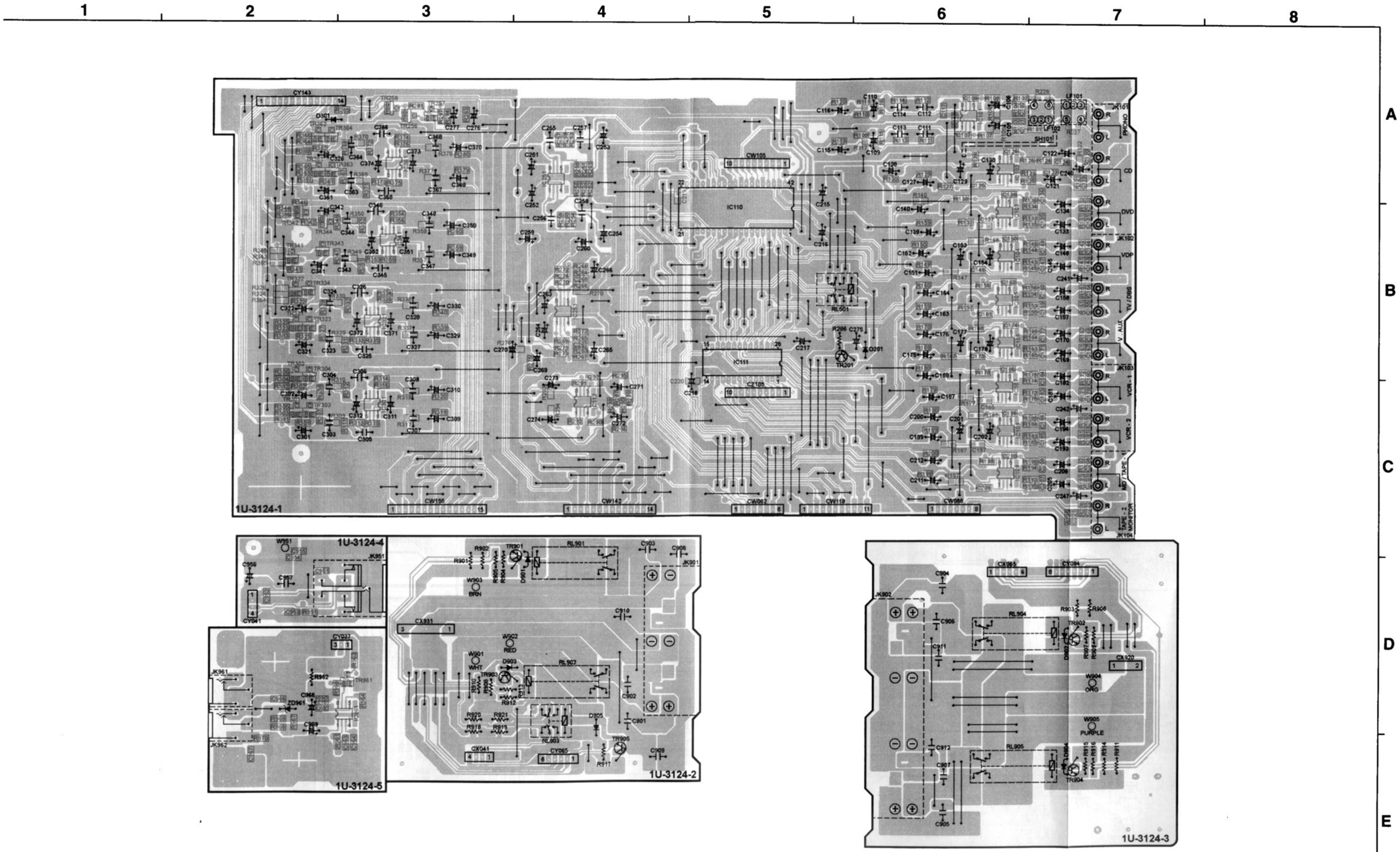
	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10	G11	G12	G13	G14	G15	G16
S36	DIGITAL	/	TV	VDP	/(DVD)	DVD	AUX	—	TUNER	CD	—	PHONO	REC	—	STEREO	TUNED
S37	ANALOG	–2	–1	TAPE	/(MD)	MD	V.MAX	—	–2	–1	—	VCR	MULTI	—	AUTO	RDS
S38	S38	DBS	—	—	—	—	—	—	–3	—	—	—	—	—	—	CH

PRINTED WIRING BOARDS

1U-3124 AUDIO IN & SP P.W.B. UNIT Ass'y

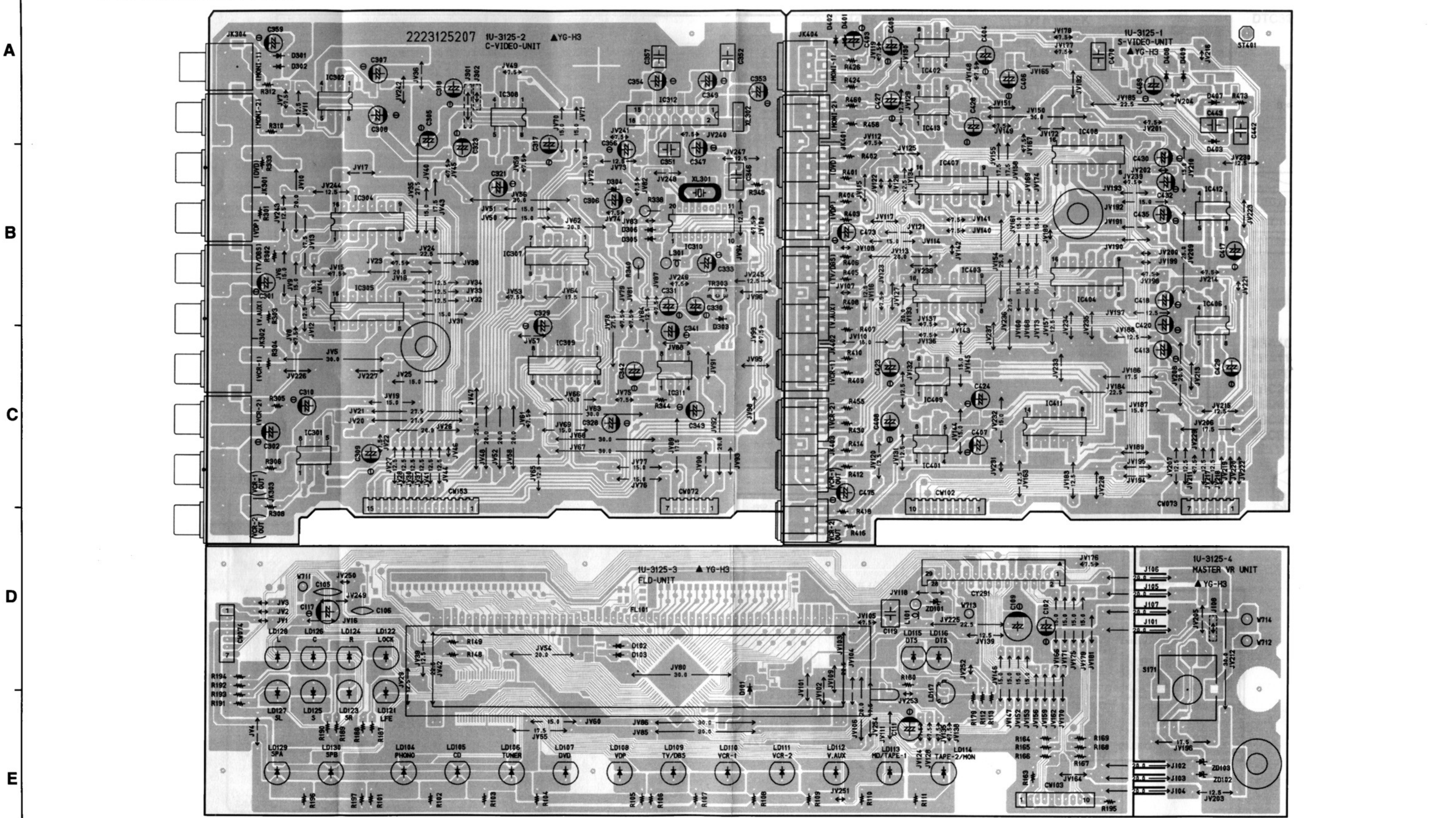


COMPONENT SIDE

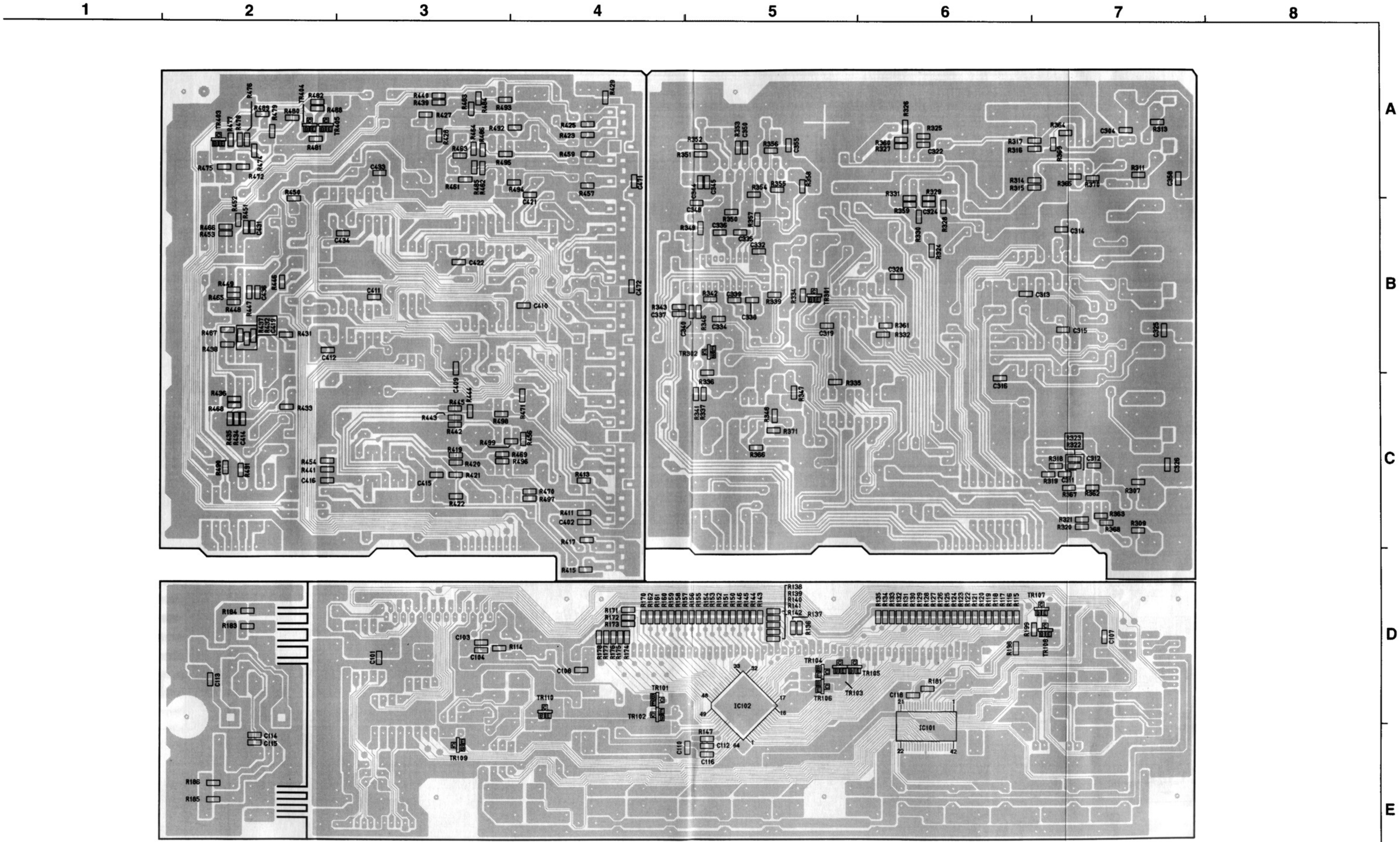

1
2
3
4
5
6
7
8
A
B
C
D
E
1U-3124-1
1U-3124-2
1U-3124-3
1U-3124-4
1U-3124-5
IC110
IC111
CW105
CW156
CW142
CW062
CW119
CW086
CZ105
CY143
CX931
CX041
CY065
CY037
CY041
CX065
CY084
CX920
RL901
RL902
RL903
RL904
RL905
RL501
JK101
JK102
JK103
JK104
JK901
JK902
JK951
JK961
JK962
PHONO
CD
DVD
VDP
TV / DBS
V. AUX
VCR - 1
VCR - 2
MD / TAPE - 1
TAPE - 2 MONITOR
W901 WHT
W902 RED
W903 BRN
W904 ORG
W905 PURPLE
W951

FOIL SIDE

1U-3125 VIDEO & FLD UNIT

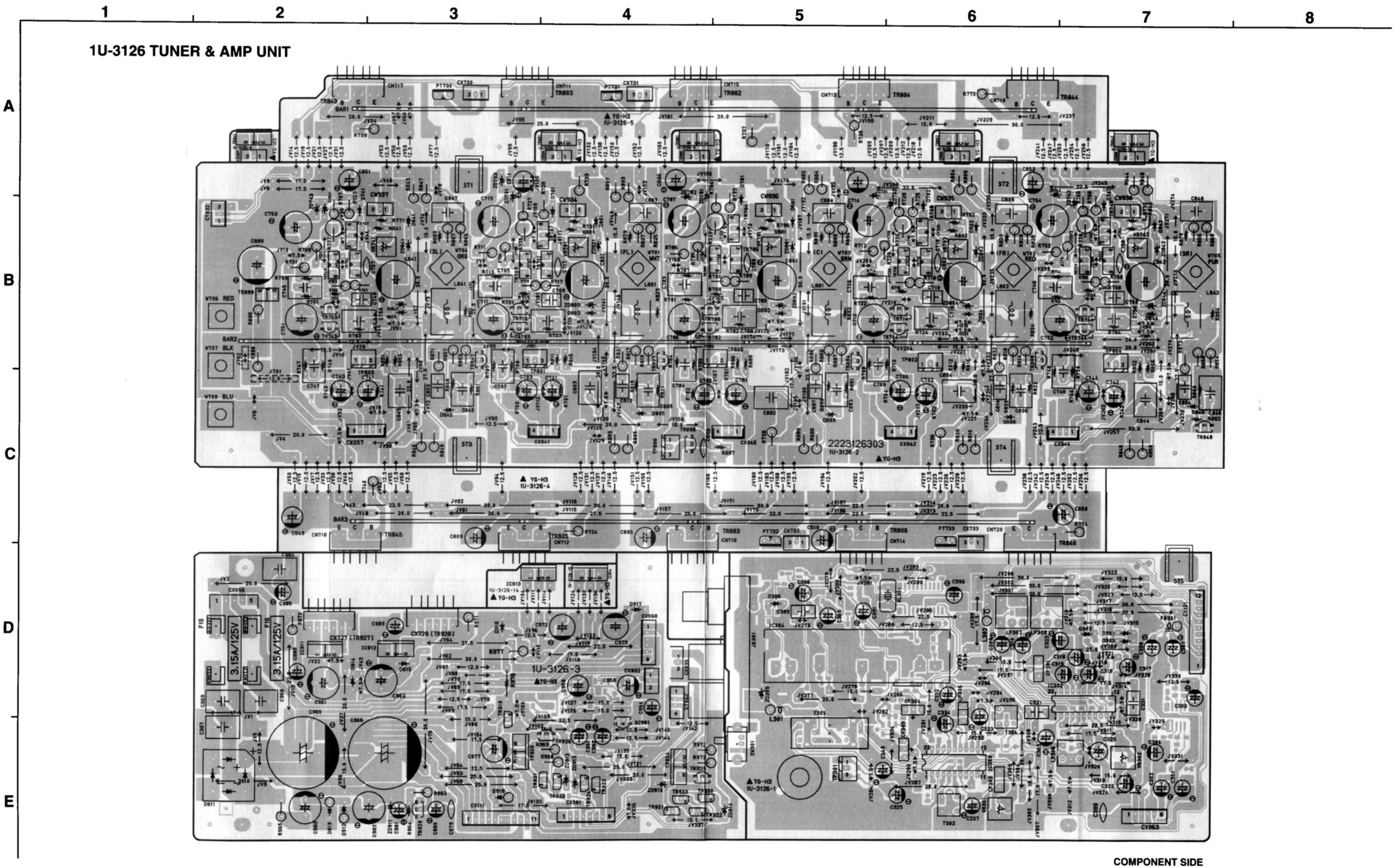


COMPONENT SIDE



FOIL SIDE

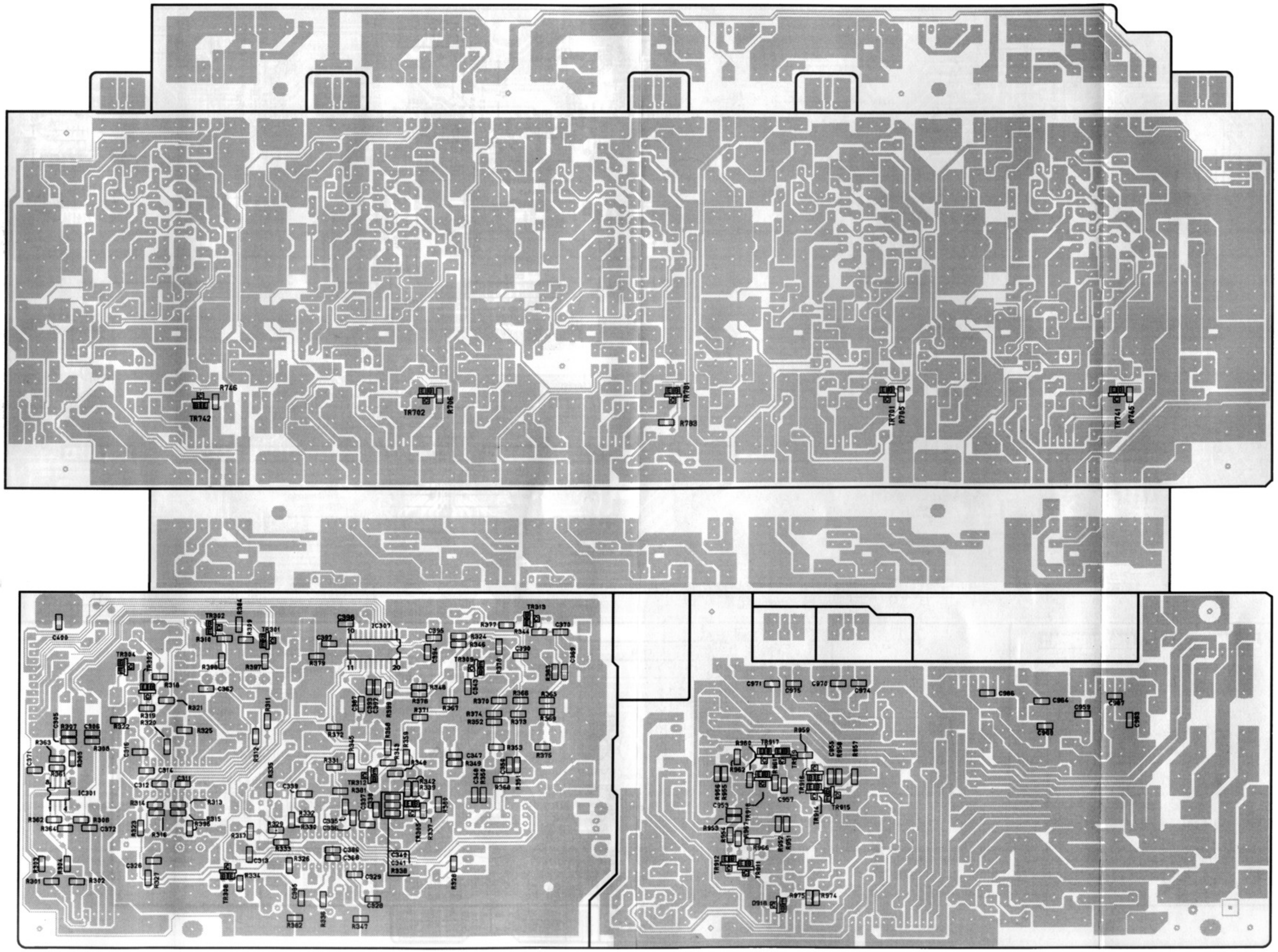
1U-3126 TUNER & AMP UNIT



COMPONENT SIDE

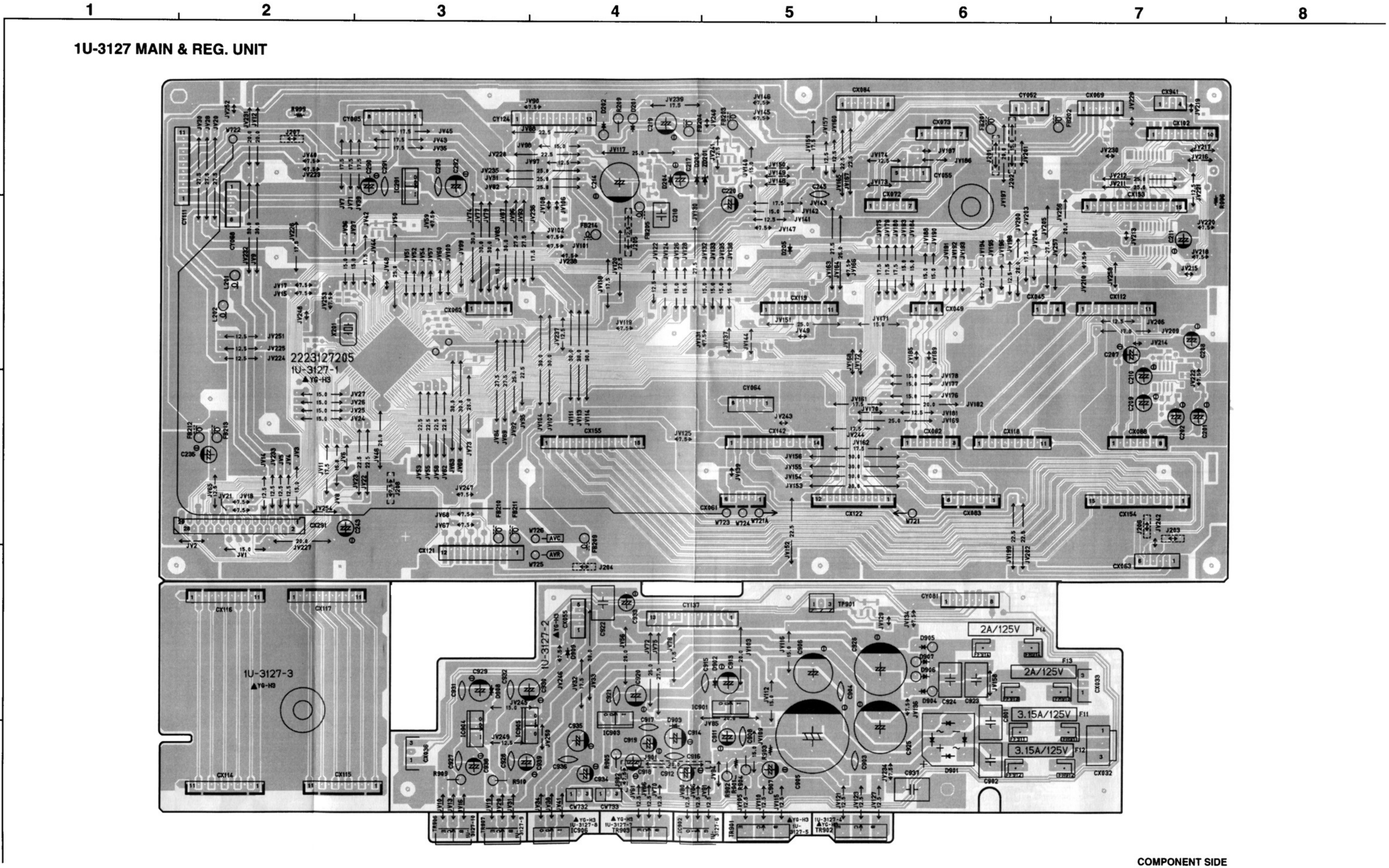
1 2 3 4 5 6 7 8

A B C D E

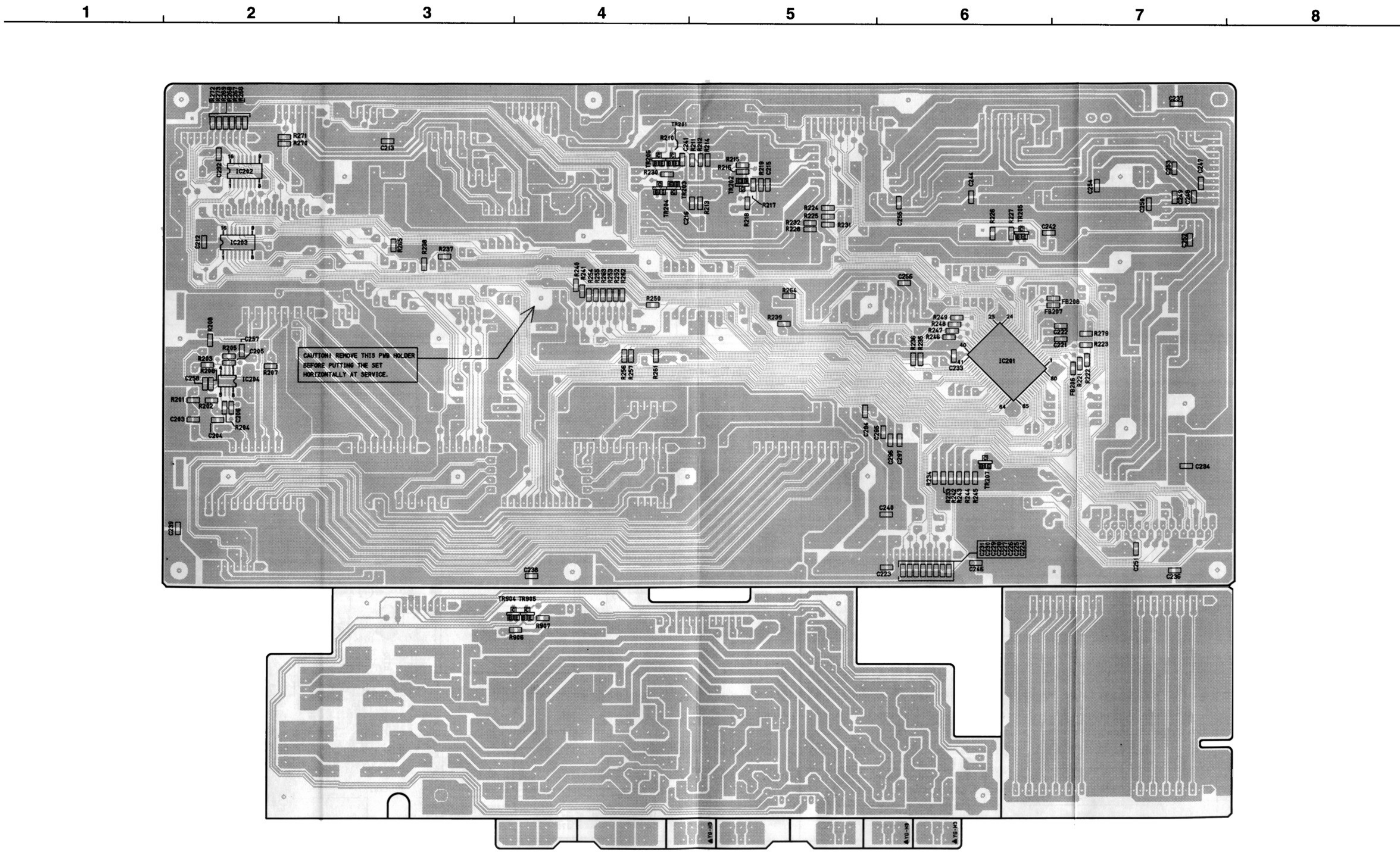


FOIL SIDE

1U-3127 MAIN & REG. UNIT

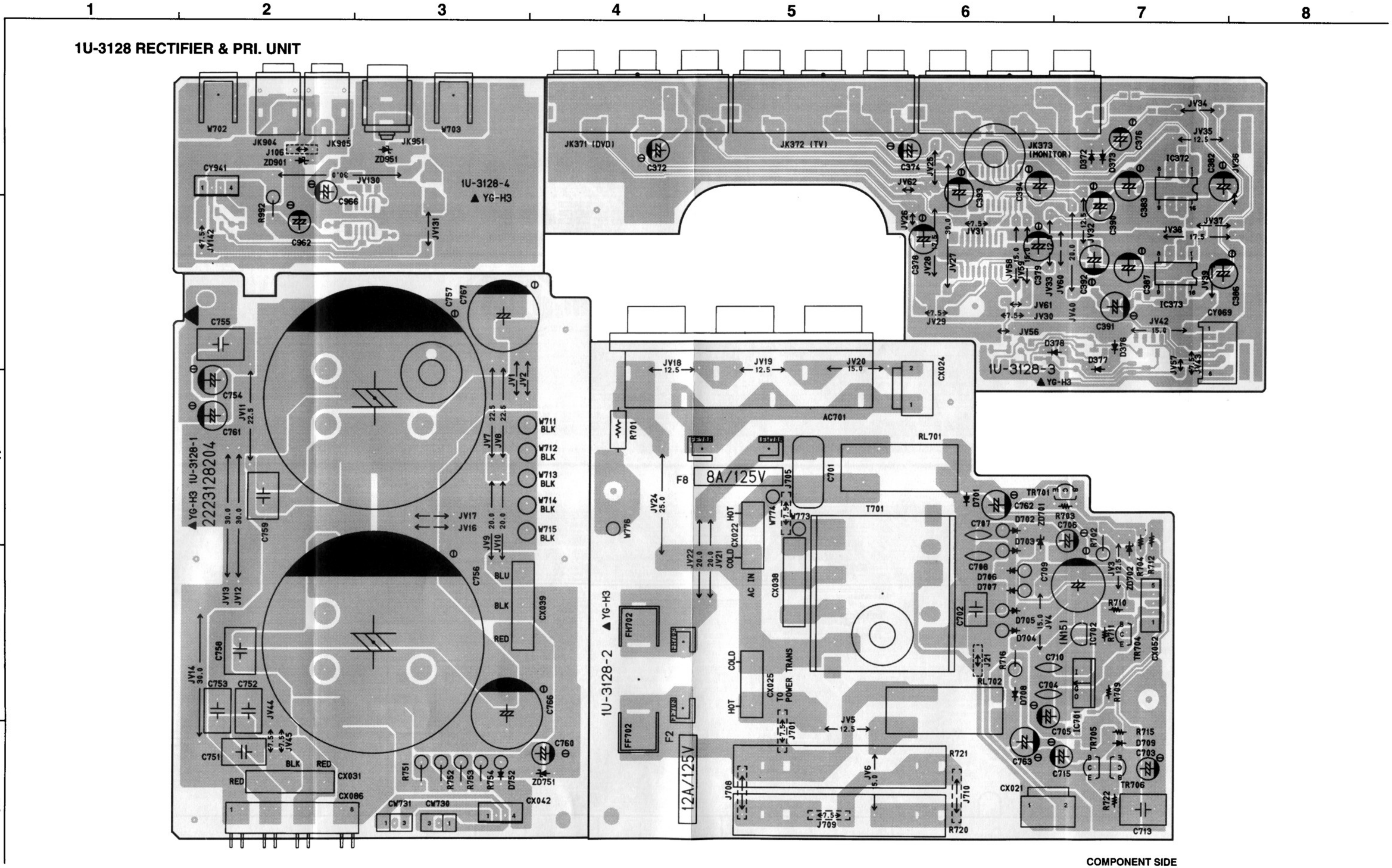


COMPONENT SIDE

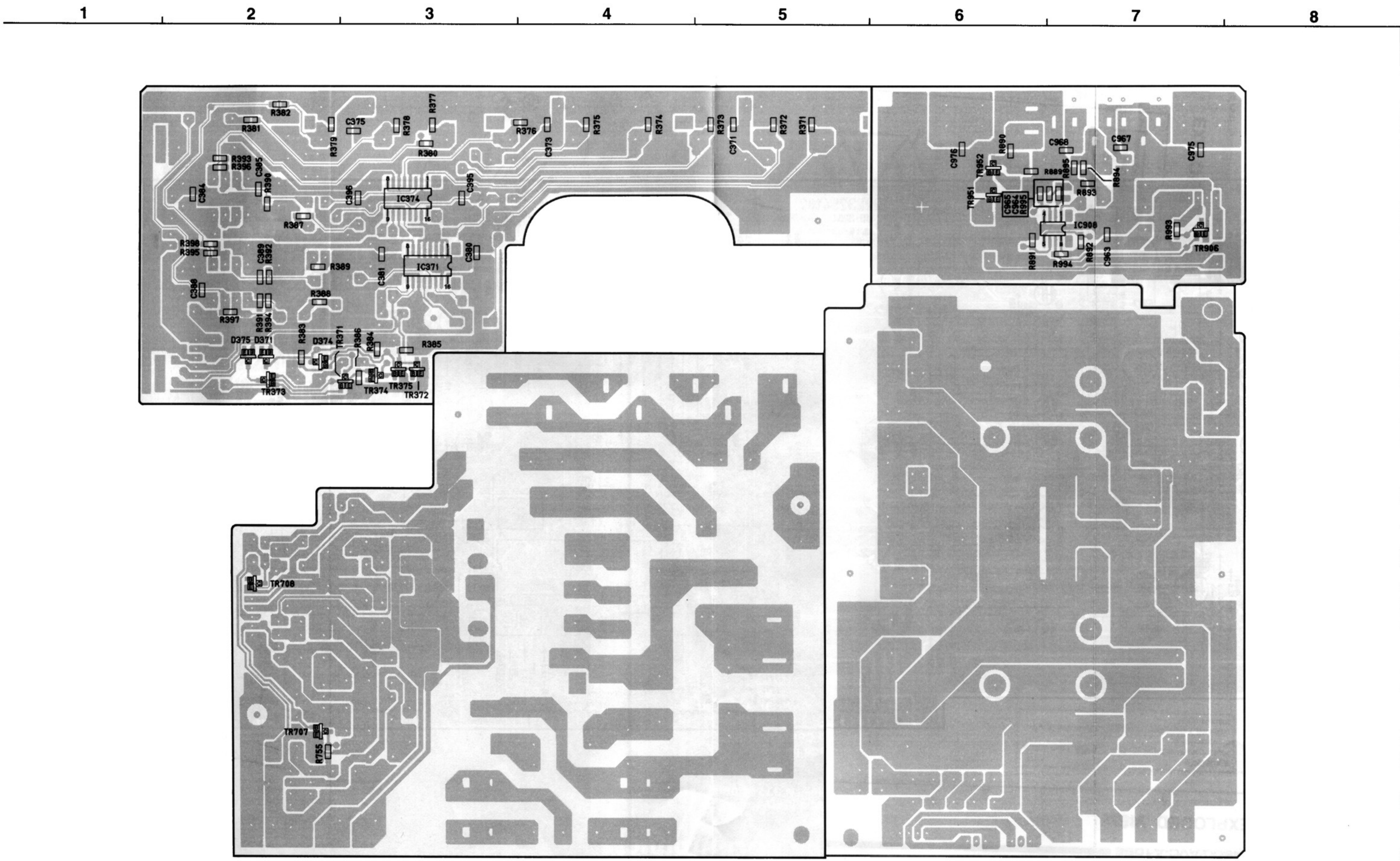

CAUTION! REMOVE THIS PWB HOLDER BEFORE PUTTING THE SET HORIZONTALLY AT SERVICE.
IC201
IC202
IC203
IC204

FOIL SIDE

1U-3128 RECTIFIER & PRI. UNIT



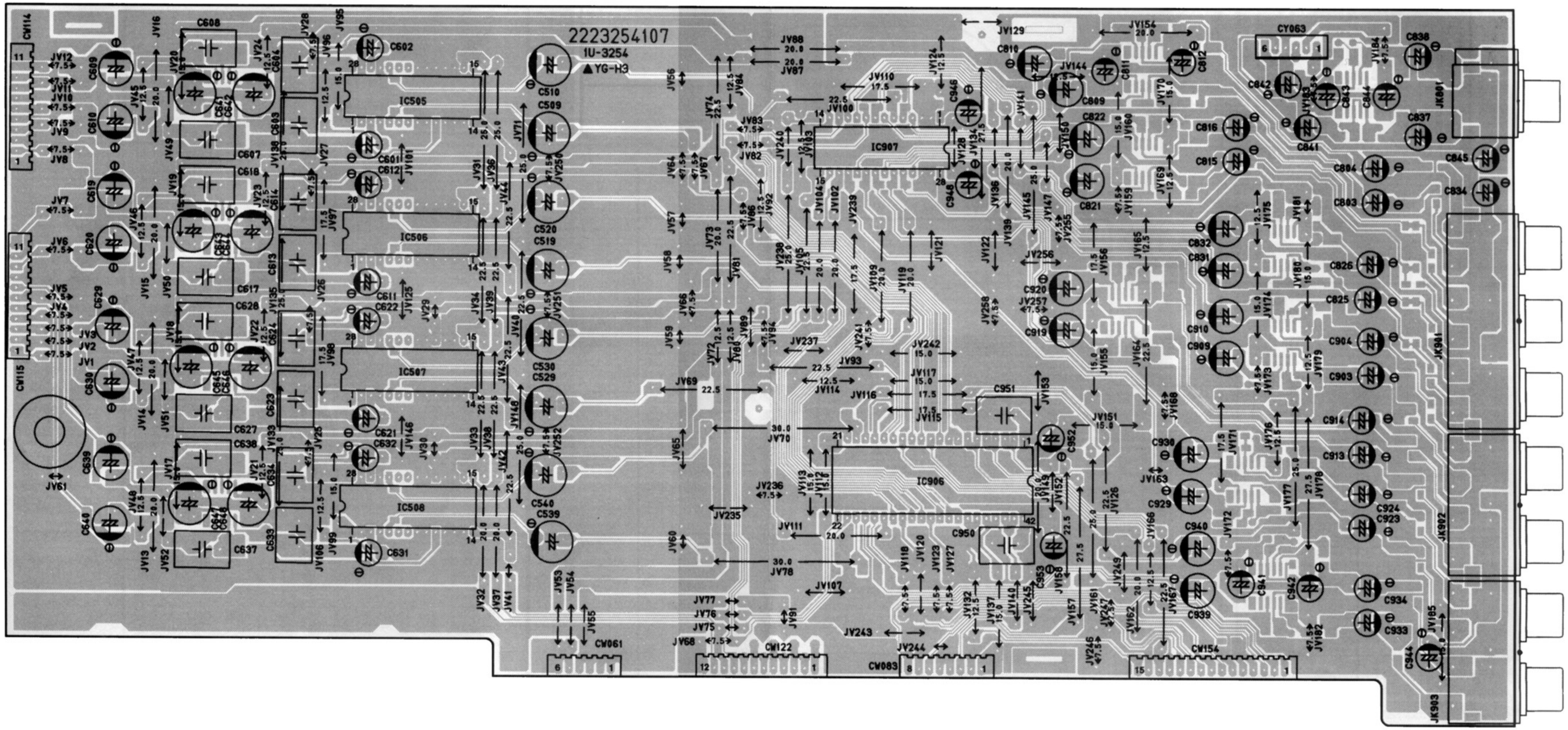
COMPONENT SIDE


1
2
3
4
5
6
7
8
A
B
C
D
E
R382
R381
C375
R379
R378
R377
R380
R376
R373
R375
R374
R373
C371
R372
R371
R393
R396
C385
R390
C384
C396
IC374
C395
R387
C976
TR952
R890
C968
C967
C975
R889
R895
R894
TR951
C965
C964
R995
R893
IC908
R993
TR906
R891
R994
R892
C963
R398
R395
C389
R392
R389
IC371
C380
C381
C388
R388
R397
R391
R394
D375
D371
R383
D374
TR371
R386
R384
R385
TR373
TR374
TR375
TR372
TR708
TR707
R755
FOIL SIDE

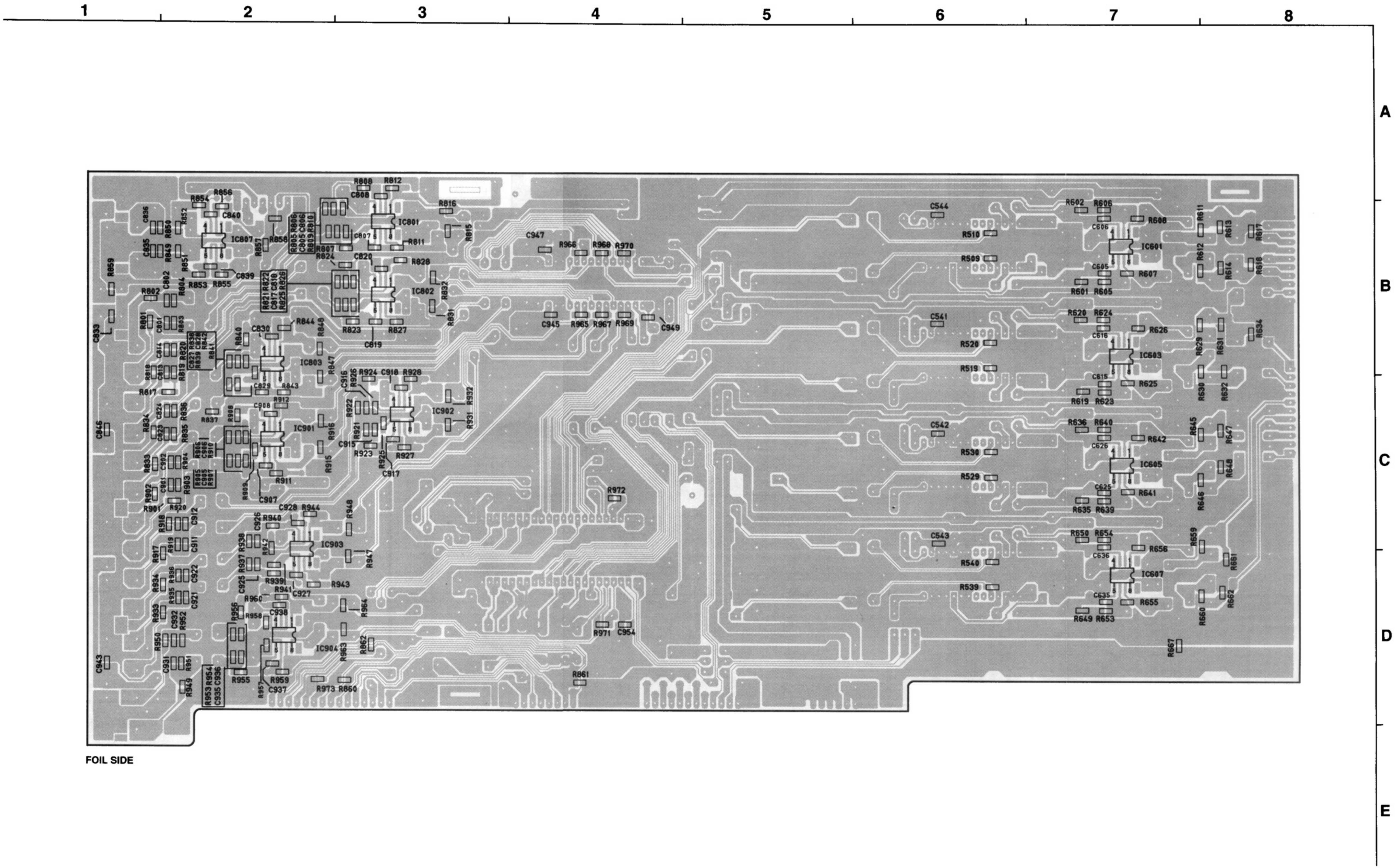
1 2 3 4 5 6 7 8

A B C D E

1U-3254 EXT IN UNIT

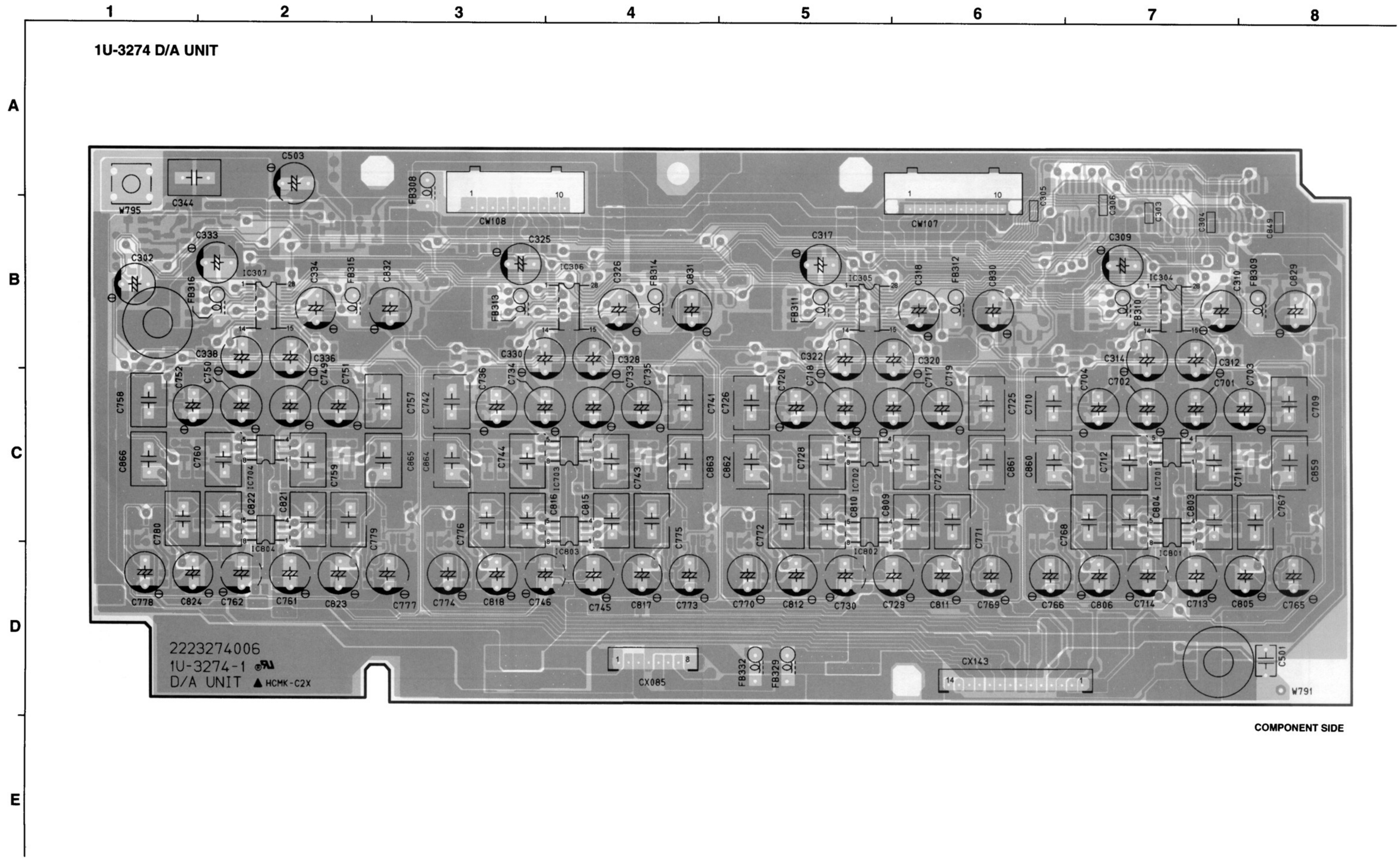


COMPONENT SIDE

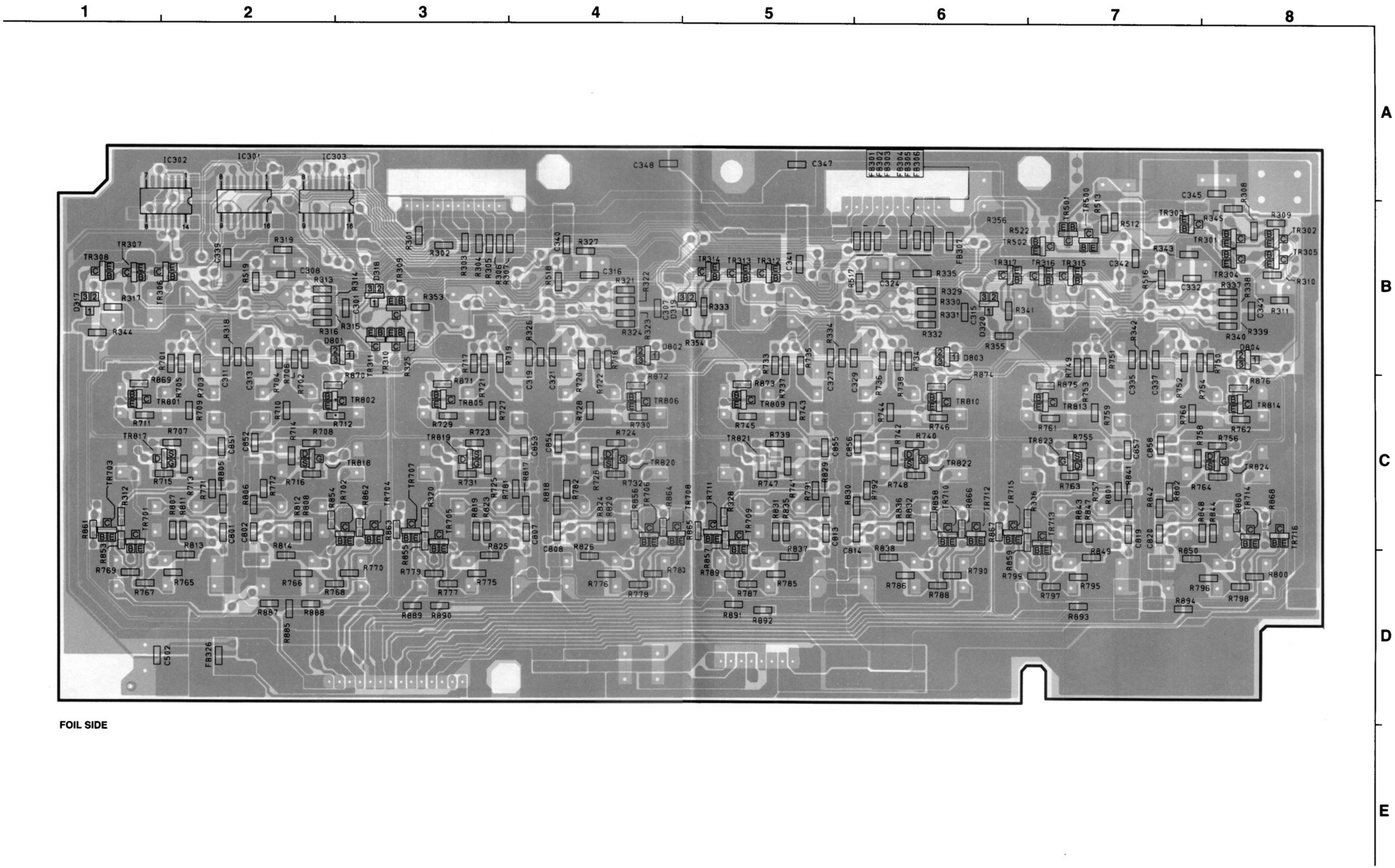


FOIL SIDE

1U-3274 D/A UNIT

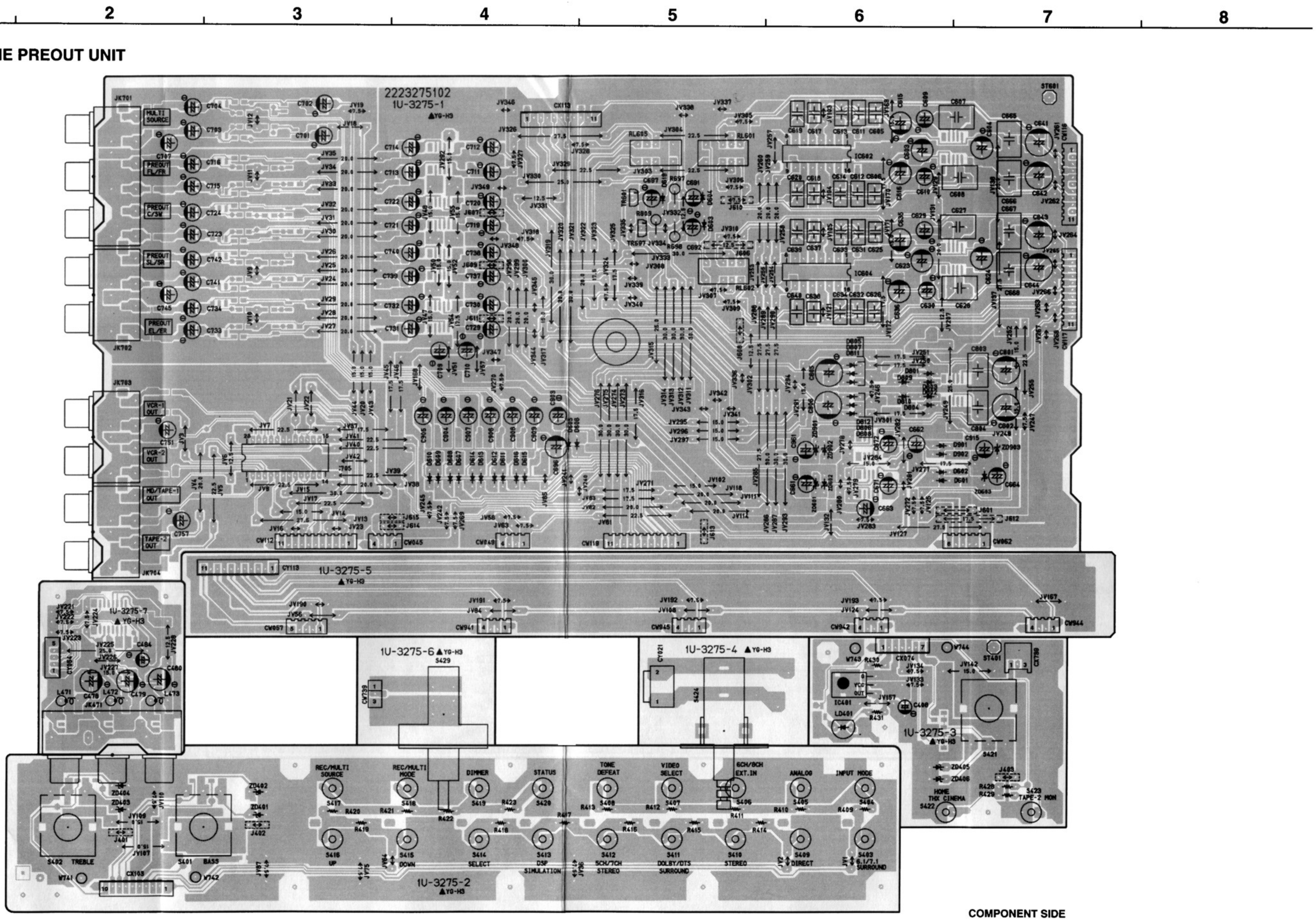


COMPONENT SIDE

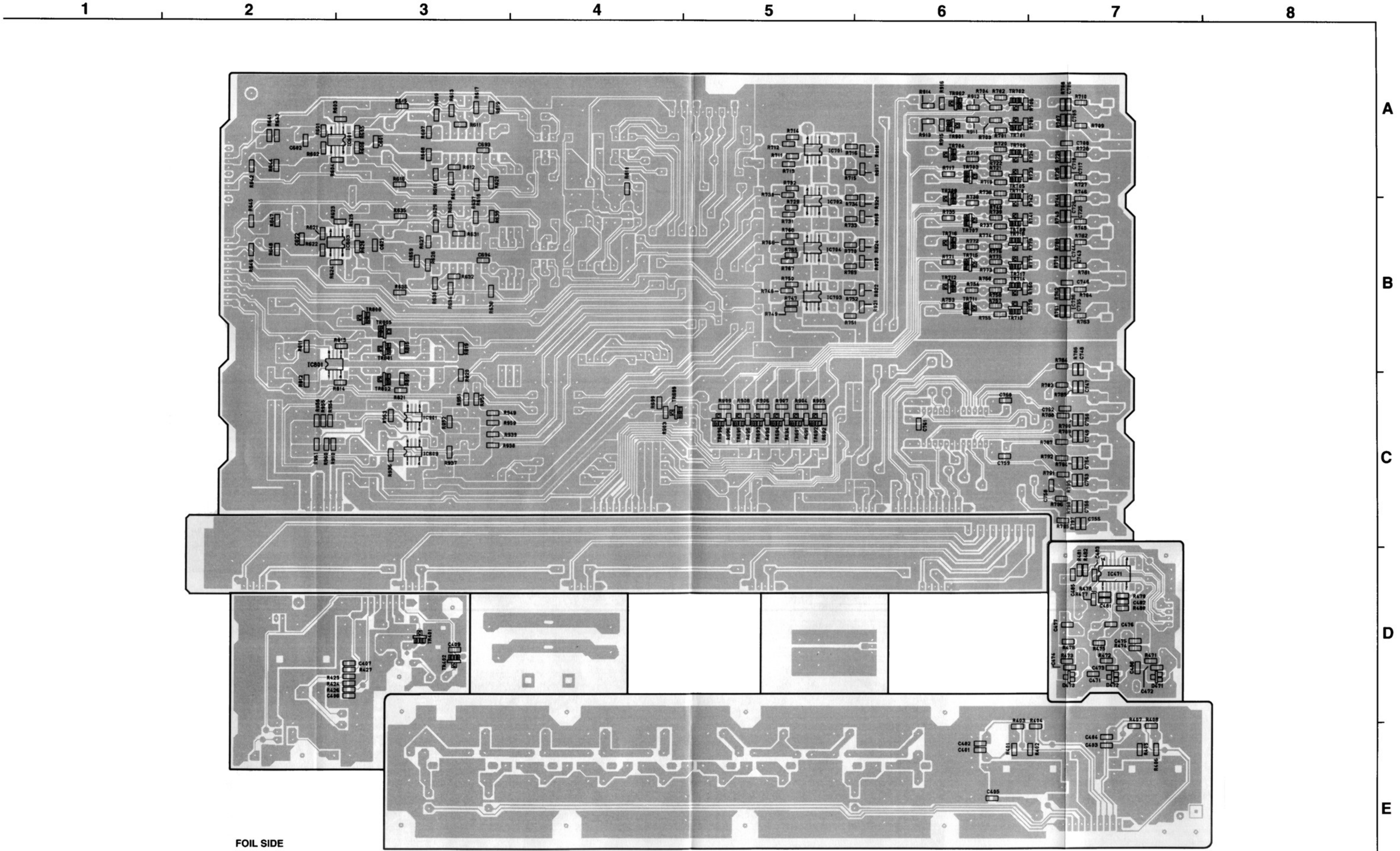


FOIL SIDE

1U-3275 TONE PREOUT UNIT



COMPONENT SIDE



FOIL SIDE

1 2 3 4 5 6 7 8

1U-3288 DSP UNIT

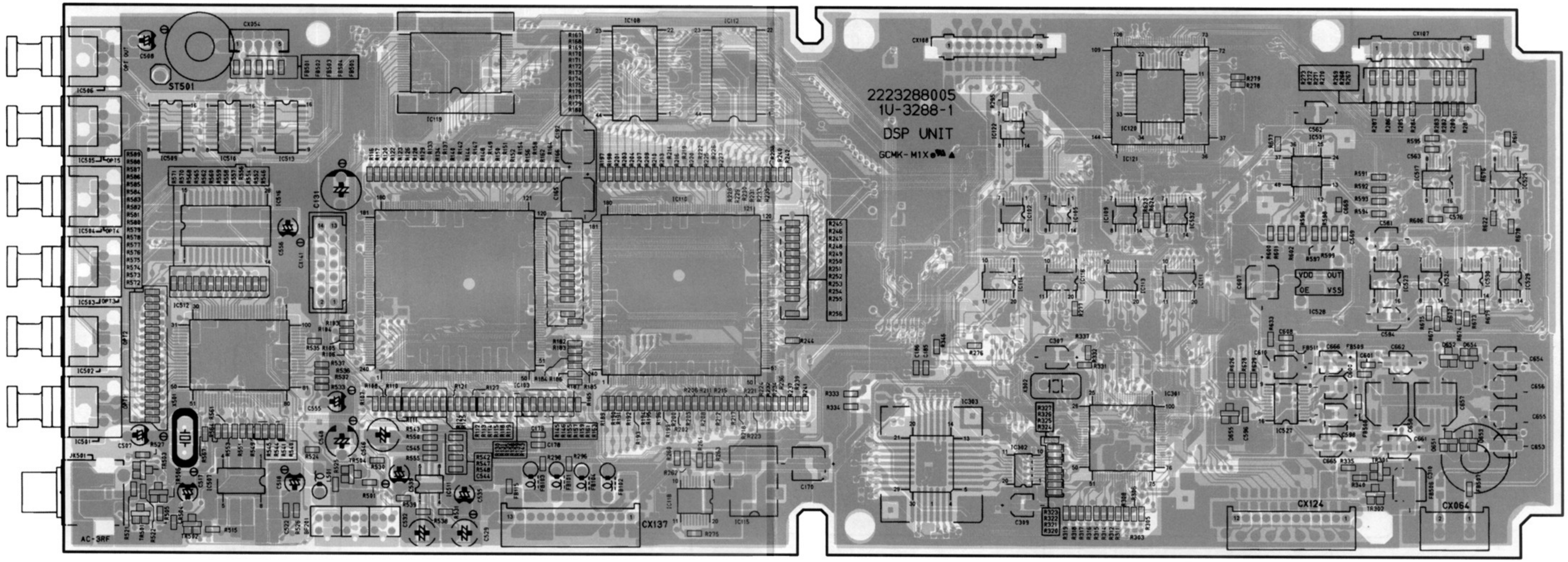
A

B

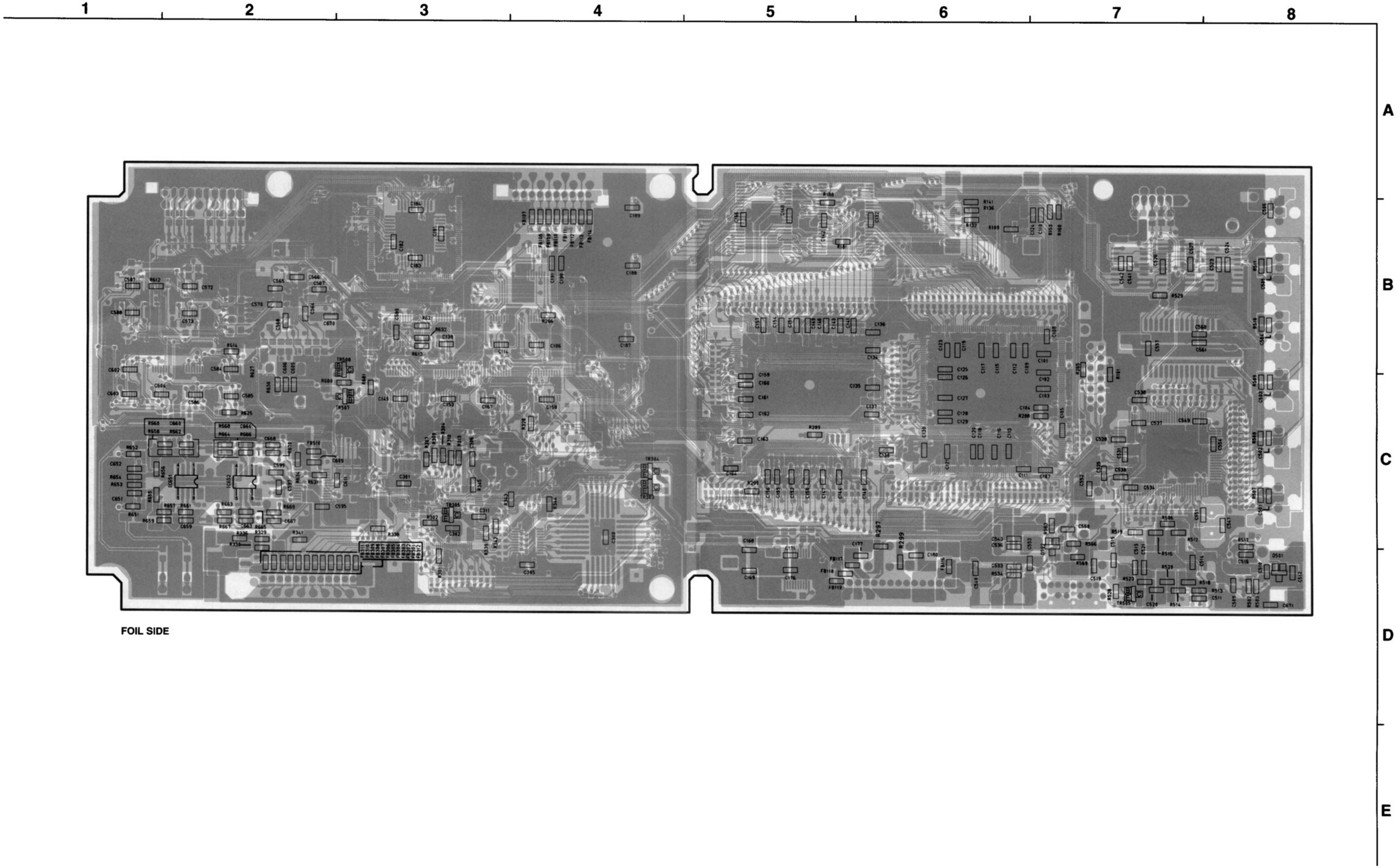
C

D

E



COMPONENT SIDE



FOIL SIDE

NOTE FOR PARTS LIST

- Part indicated with the mark "⊙" are not always in stock and possibly to take a long period of time for supplying, or in some case supplying of part may be refused.
- When ordering of part, clearly indicate "1" and "I" (i) to avoid mis-supplying.
- Ordering part without stating its part number can not be supplied.
- Part indicated with the mark "★" is not illustrated in the exploded view.
- Not including Carbon Film ±5%, 1/4W Type in the P.W.Board parts list. (Refer to the Schematic Diagram for those parts.)

WARNING:
Parts marked with this symbol ⚠ ▒▒ have critical characteristics.
Use ONLY replacement parts recommended by the manufacturer.

● Resistors

Ex.: RN 14K 2E 182 G FR

RN Type	14K Shape and performance	2E Power	182 Resistance	G Allowable error	FR Others
RD : Carbon RC : Composition RS : Metal oxide film RW : Winding RN : Metal film RK : Metal mixture		2B : 1/8W 2E : 1/4W 2H : 1/2W 3A : 1W 3D : 2W 3F : 3W 3H : 5W		F : ±1% G : ±2% J : ±5% K : ±10% M : ±20%	P : Pulse-resistant type NL : Low noise type NB : Non-burning type FR : Fuse-resistor F : Lead wire forming

*** Resistance**

1 8 2 ⇒ 1800 ohm = 1.8 kohm
- 2 (third digit): Indicates number of zeros after effective number.
- 1 8: 2-digit effective number.
- Units: ohm

1 R 2 ⇒ 1.2 ohm
- 2: 1-digit effective number.
- 1 R: 2-digit effective number, decimal point indicated by R.
- Units: ohm

● Capacitors

Ex.: CE 04W 1H 2R2 M BP

CE Type	04W Shape and performance	1H Dielectric strength	2R2 Capacity	M Allowable error	BP Others
CE : Aluminum foil electrolytic CA : Aluminum solid electrolytic CS : Tantalum electrolytic CQ : Film CK : Ceramic CC : Ceramic CP : Oil CM : Mica CF : Metallized CH : Metallized		0J : 6.3V 1A : 10V 1C : 16V 1E : 25V 1V : 35V 1H : 50V 2A : 100V 2B : 125V 2C : 160V 2D : 200V 2E : 250V 2H : 500V 2J : 630V		F : ±1% G : ±2% J : ±5% K : ±10% M : ±20% Z : +80% −20% P : +100% −0% C : ±0.25pF D : ±0.5pF = : Others	HS : High stability type BP : Non-polar type HR : Ripple-resistant type DL : For change and discharge HF : For assuring high frequency U : UL part C : CSA part W : UL-CSA type F : Lead wire forming

*** Capacity (electrolyte only)**

2 2 2 ⇒ 2200μF
- 2 (third digit): Indicates number of zeros after effective number.
- 2 2: 2-digit effective number.
- Units: μF.

2 R 2 ⇒ 2.2μF
- 2: 1-digit effective number.
- 2 R: 2-digit effective number, decimal point indicated by R.
- Units: μF.

*** Capacity (except electrolyte)**

2 2 2 ⇒ 2200pF=0.0022μF
- 2 (More than 2) — Indicates number of zeros after effective number.
- 2 2: 2-digit effective number.
- Units: μF.

2 2 1 ⇒ 220pF
- 1 (0 or 1) — Indicates number of zeros after effective number.
- 2 2: 2-digit effective number.
- Units: pF.

• When the dielectric strength is indicated in AC, "AC" is included after the dieelectric strength value.

PARTS LIST OF P.W.B. UNIT
1U-3124F/G AUDIO IN & SP UNIT

Note: The symbols in the column "Remarks" indicate the following distinations.
EU: U.S.A. model
EC: Canada model (AVR-4800)
E2: Europe model
E1: Asia model
E1C: China model
EUT: Taiwan R.O.C. model

Ref. No.	Part No.	Part Name	Remarks
SEMICONDUCTORS GROUP			
IC101~109	263 0896 909	IC NJM2068MD-T1	
IC110	262 2545 006	IC TC9274N-011	
IC111	262 2033 000	IC TC9273N-004	
IC112	263 0896 909	IC NJM2068MD-T1	
IC251	263 0896 909	IC NJM2068MD-T1	
IC253	263 0896 909	IC NJM2068MD-T1	
TR201	269 0018 905	Transistor DTC143ES(4.7K-4.7K)T	
TR901~904	273 0388 906	Transistor 2SC1740S(E)-T	
TR905	269 0018 905	Transistor DTC143ES(4.7K-4.7K)T	
D201	276 0432 903	Diode 1SS270A TE (TAPE)	
RESISTORS GROUP			
R101,102	247 0006 946	Carbon chip 390 ohm 1/10W	RM73B--391JT
R103,104	247 0011 986	Carbon chip 68 kohm 1/10W	RM73B--683JT
R105,106	247 0012 969	Carbon chip 150 kohm 1/10W	RM73B--154JT
R107,108	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B--470JT
R109,110	247 0005 992	Carbon chip 240 ohm 1/10W	RM73B--241JT
R111,112	247 0012 956	Carbon chip 130 kohm 1/10W	RM73B--134JT
R113,114	247 0009 998	Carbon chip 11 kohm 1/10W	RM73B--113JT
R115,116	247 0003 949	Carbon chip 22 ohm 1/10W	RM73B--220JT
R117,118	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B--101JT
R119,120	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B--473JT
R121,122	247 0011 973	Carbon chip 62 kohm 1/10W	RM73B--623JT
R123,124	247 0013 984	Carbon chip 470 kohm 1/10W	RM73B--474JT
R125,126	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B--471JT
R127,128	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B--470JT
R129,130	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B--473JT
R131,132	247 0011 973	Carbon chip 62 kohm 1/10W	RM73B--623JT
R133,134	247 0013 984	Carbon chip 470 kohm 1/10W	RM73B--474JT
R135,136	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B--471JT
R137,138	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B--470JT
R139,140	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B--473JT
R141,142	247 0011 973	Carbon chip 62 kohm 1/10W	RM73B--623JT
R143,144	247 0013 984	Carbon chip 470 kohm 1/10W	RM73B--474JT
R145,146	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B--471JT
R147,148	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B--470JT
R149,150	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B--473JT
R151,152	247 0011 973	Carbon chip 62 kohm 1/10W	RM73B--623JT
R153,154	247 0013 984	Carbon chip 470 kohm 1/10W	RM73B--474JT
R155,156	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B--471JT
R157,158	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B--470JT
R159,160	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B--473JT
R161,162	247 0011 973	Carbon chip 62 kohm 1/10W	RM73B--623JT
R163,164	247 0013 984	Carbon chip 470 kohm 1/10W	RM73B--474JT
R165,166	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B--471JT
R167,168	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B--470JT
R169,170	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B--473JT
R171,172	247 0011 973	Carbon chip 62 kohm 1/10W	RM73B--623JT
R173,174	247 0013 984	Carbon chip 470 kohm 1/10W	RM73B--474JT
R175,176	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B--471JT
R177,178	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B--470JT
R179,180	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B--473JT
R181,182	247 0011 973	Carbon chip 62 kohm 1/10W	RM73B--623JT
R183,184	247 0013 984	Carbon chip 470 kohm 1/10W	RM73B--474JT
R185,186	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B--471JT
R187,188	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B--470JT
R189,190	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B--473JT
R191,192	247 0011 973	Carbon chip 62 kohm 1/10W	RM73B--623JT
R193,194	247 0013 984	Carbon chip 470 kohm 1/10W	RM73B--474JT
R195,196	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B--471JT
R197,198	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B--470JT
R199,200	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B--473JT
R205,206	247 0011 973	Carbon chip 62 kohm 1/10W	RM73B--623JT
R227,228	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT for EU,EC,EUT
R227,228	247 0007 974	Carbon chip 1.3 kohm 1/10W	RM73B--132JT for E2,E1,E1C
R251,252	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R253,254	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B--101JT
R255,256	247 0010 990	Carbon chip 30 kohm 1/10W	RM73B--303JT
R257,258	247 0010 929	Carbon chip 15 kohm 1/10W	RM73B--153JT
R263,264	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R265,266	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R269,270	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R273,274	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B--101JT
R275~280	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R286	241 2380 905	Carbon film 1.2 kohm 1/4W(NB)	RD14B2E122JNBST
R287,288	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R289~292	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R293,294	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R301,302	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R309,310	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R317,318	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R321,322	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R329,330	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R337,338	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R341,342	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R349,350	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R357,358	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R361,362	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R369,370	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R377,378	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R381~388	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R901~903	244 2043 908	Metal oxide 680 ohm 1W(NB)	RS14B3A681JNBST(S)
R906	244 2043 908	Metal oxide 680 ohm 1W(NB)	RS14B3A681JNBST(S)
R908	244 2043 908	Metal oxide 680 ohm 1W(NB)	RS14B3A681JNBST(S)

Ref. No.	Part No.	Part Name	Remarks
R910,911	244 2043 908	Metal oxide 680 ohm 1W(NB)	RS14B3A681JNBST(S)
R914	244 2043 908	Metal oxide 680 ohm 1W(NB)	RS14B3A681JNBST(S)
R917	241 2380 905	Carbon film 1.2 kohm 1/4W(NB)	RD14B2E122JNBST
R918~921	244 2052 960	Metal oxide 220 ohm 1W(NB)	RS14B3A221JNBST(S)
R951	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B--101JT
CAPACITORS GROUP			
C101,102	257 0005 944	Ceramic chip 220pF/50V	CC73SL1H221JT
C105,106	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MT SMG/RE3
C107,108	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT
C109,110	254 4536 931	Electrolytic 220μF/10V	CE04W1A221MT SMG/RE3
C111,112	255 4199 999	Mylar film 0.024μF/50V	CQ92M1H243JT(MRZ)
C113,114	255 1265 907	Mylar film 6800pF/50V	CQ93M1H682JT(B)
C115,116	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MT SMG/RE3
C119,120	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT for E2,E1,E1C
C121,122	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MT SMG/RE3
C127,128	254 4525 913	Electrolytic 47μF/50V	CE04W1H470MT SMG/RE3
C129,130	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3
C131,132	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT for E2,E1,E1C
C133,134	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MT SMG/RE3
C139,140	254 4525 913	Electrolytic 47μF/50V	CE04W1H470MT SMG/RE3
C143,144	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT for E2,E1,E1C
C145,146	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MT SMG/RE3
C151,152	254 4538 926	Electrolytic 33μF/16V	CE04W1C330MT SMG/RE3
C155,156	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT for E2,E1,E1C
C157,158	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MT SMG/RE3
C163,164	254 4538 926	Electrolytic 33μF/16V	CE04W1C330MT SMG/RE3
C167,168	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT for E2,E1,E1C
C169,170	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MT SMG/RE3
C175,176	254 4538 926	Electrolytic 33μF/16V	CE04W1C330MT SMG/RE3
C177,178	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3
C179,180	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT for E2,E1,E1C
C181,182	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MT SMG/RE3
C187,188	254 4538 926	Electrolytic 33μF/16V	CE04W1C330MT SMG/RE3
C191,192	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT for E2,E1,E1C
C193,194	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MT SMG/RE3
C199,200	254 4538 926	Electrolytic 33μF/16V	CE04W1C330MT SMG/RE3
C203,204	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT for E2,E1,E1C
C205,206	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MT SMG/RE3
C211,212	254 4538 926	Electrolytic 33μF/16V	CE04W1C330MT SMG/RE3
C215,216	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MT SMG/RE3
C221,222	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT for E2,E1,E1C

Ref. No.	Part No.	Part Name	Remarks	
C240~242	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3	
C247	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3	
C253,254	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MT SMG/RE3	
C255~258	256 1058 971	Metalized 0.1μF/50V	CF93A1H104JT (JL)	
C263~266	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MT SMG/RE3	
C269,270	254 4524 998	Electrolytic 22μF/50V	CE04W1H220MT SMG/RE3	
C271,272	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MT SMG/RE3	
C273,274	254 4524 998	Electrolytic 22μF/50V	CE04W1H220MT SMG/RE3	
C275	254 4524 969	Electrolytic 3.3μF/50V	CE04W1H3R3MT SMG/RE3	
C901~907	255 4235 934	Mylar film 0.01μF/100V	CQ93P2A103JT(NH) for E2,E1,E1C	
C908~912	255 1265 936	Mylar film 0.01μF/50V	CQ93M1H103JT(B)	
C953	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT	
C957	256 1058 971	Metalized 0.1μF/50V	CF93A1H104JT (JL)	
OTHER PARTS GROUP				**Q'ty**
CN105	002 9022 069	10C R.wire Ass'y		1
CW082	205 0885 095	8P connector socket (TUC-P)		1
CW088	205 0885 095	8P connector socket (TUC-P)		1
CW105	205 0409 002	10P dip socket		1
CW118	205 0885 066	11P connector socket (TUC-P)		1
CW142	205 0885 011	14P connector socket (TUC-P)		1
CW155	205 0885 040	15P connector socket (TUC-P)		1
CX041	205 0343 045	4P connector base (KR-PH)		1
CX065	205 0343 061	6P connector base (KR-PH)		1
CX920	205 0075 025	2P terminal		1
CX931	205 0075 038	3P terminal		1
CY041	205 0343 045	4P connector base (KR-PH)		1
CY065	205 0343 061	6P connector base (KR-PH)		1
CY084	205 0343 087	8P connector base (KR-PH)		1
CY143	205 0375 042	14P connector base (KR-PH)		1
CZ105	205 0409 002	10P dip socket		1
JK101,102	204 8543 006	6P pin jack		2
JK103,104	204 8540 009	4P pin jack		2
JK901	205 1097 002	6P SP terminal		1
JK902	205 1098 001	8P SP terminal		1
JK951	204 8217 031	Headphone jack (BK(AU))		1
LF101,102	235 9003 002	FTZ choke coil	for E2,E1,E1C	2
RL501	214 0205 006	Relay (EA2-12N57)		1
RL901,902	214 0195 006	Relay FTR-F1		2
RL903	214 0205 006	Relay (EA2-12N57)		1

Ref. No.	Part No.	Part Name	Remarks	Q'ty
RL904,905	214 0195 006	Relay FTR-F1		2
SH101	414 0799 109	Shield plate		1
W901	203 0677 058	1P contact Ass'y	White	1
W902	203 0677 061	1P contact Ass'y	Red	1
W903	203 0677 074	1P contact Ass'y	Brown	1
W904	203 0677 087	1P contact Ass'y	Orange	1
W905	203 0677 090	1P contact Ass'y	Purple	1
W951	203 0322 002	1P contact Ass'y		1

1U-3125F VIDEO & FLD UNIT

Ref. No.	Part No.	Part Name	Remarks
SEMICONDUCTORS GROUP			
IC101	262 1911 903	IC M66313FP-T1	
IC102	262 2549 002	IC LC75721E	
IC301,302	263 1075 004	IC TK15420D	
IC304,305	262 2769 002	IC BU4051BC	
IC307	262 0276 005	IC HD14066BP	
IC308	263 1075 004	IC TK15420D	
IC309	262 2067 005	IC MC74HC4053N	
IC310	262 2734 105	IC M35015-209SP	
IC311	263 1075 004	IC TK15420D	
IC312	263 0682 003	IC NJM2229S	
IC401,402	263 1075 004	IC TK15420D	
IC403,404	262 2769 002	IC BU4051BC	
IC406	263 1075 004	IC TK15420D	
IC407,408	262 2769 002	IC BU4051BC	
IC409	263 1075 004	IC TK15420D	
IC411	262 0276 005	IC HD14066BP	
IC412,413	263 1075 004	IC TK15420D	
TR101	269 0055 900	Transistor DTA144EKT96	
TR102	269 0054 901	Transistor DTC144EKT96	
TR103	269 0055 900	Transistor DTA144EKT96	
TR104	269 0054 901	Transistor DTC144EKT96	
TR105	269 0055 900	Transistor DTA144EKT96	
TR106	269 0054 901	Transistor DTC144EKT96	
TR109,110	269 0083 901	Transistor DTA114EKT96	
TR301	269 0082 902	Transistor DTC114EKT96	
TR302	273 0384 900	Transistor 2SC2412KT96(S)	
TR303	273 0446 903	Transistor 2PC1815BL(TAPE)	
TR403	271 0238 908	Transistor 2SA1037KT96(S/R)	
TR404,405	269 0082 902	Transistor DTC114EKT96	
D101~103	276 0432 903	Diode 1SS270A TE (TAPE)	
D303~306	276 0432 903	Diode 1SS270A TE (TAPE)	
D403	276 0432 903	Diode 1SS270A TE (TAPE)	
D407,408	276 0432 903	Diode 1SS270A TE (TAPE)	
ZD101	276 0644 937	Zener diode MTZJ9.1A T77	
ZD102,103	276 0637 902	Zener diode MTZJ6.2AT77	
LD104~114	393 9434 906	LED SEL1210S(TP2)	Red
LD115,116	393 9465 904	LED SEL-1210R(TP7)	Red
LD117	393 9491 004	LED SML1216W(LED)	
LD121	393 9434 906	LED SEL1210S(TP2)	Red
LD122	393 9452 904	LED SEL1410E(TP2)	Green
LD123~128	393 9434 906	LED SEL1210S(TP2)	Red

Ref. No.	Part No.	Part Name	Remarks
LD129,130	393 9452 904	LED SEL1410E(TP2)	Green
RESISTORS GROUP			
R114	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R115~130	247 0011 986	Carbon chip 68 kohm 1/10W	RM73B--683JT
R131,132	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B--473JT
R133~146	247 0011 986	Carbon chip 68 kohm 1/10W	RM73B--683JT
R147	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R150~162	247 0011 986	Carbon chip 68 kohm 1/10W	RM73B--683JT
R170~177	247 0011 986	Carbon chip 68 kohm 1/10W	RM73B--683JT
R178	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B--473JT
R183,184	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B--101JT
R185,186	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B--472JT
R199	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R307	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B--223JT
R309	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B--223JT
R311	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B--223JT
R313	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B--223JT
R314	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R315	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B--101JT
R316	247 0007 990	Carbon chip 1.6 kohm 1/10W	RM73B--162JT
R317	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B--101JT
R318	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R319	247 0010 958	Carbon chip 20 kohm 1/10W	RM73B--203JT
R320	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R321	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B--101JT
R322	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R323,324	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B--101JT
R325	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R326	247 0006 975	Carbon chip 510 ohm 1/10W	RM73B--511JT
R327	247 0006 988	Carbon chip 560 ohm 1/10W	RM73B--561JT
R328	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B--101JT
R329	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R330	247 0006 975	Carbon chip 510 ohm 1/10W	RM73B--511JT
R331	247 0006 991	Carbon chip 620 ohm 1/10W	RM73B--621JT
R332	247 0002 966	Carbon chip 10 ohm 1/10W	RM73B--100JT
R334	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B--102JT
R335,336	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R337	247 0009 930	Carbon chip 6.2 kohm 1/10W	RM73B--622JT
R338	241 2387 908	Carbon film 1 ohm 1/4W(NB)	RD14B2E010JNBST
R339	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B--102JT
R340	241 2387 908	Carbon film 1 ohm 1/4W(NB)	RD14B2E010JNBST
R341	247 0005 976	Carbon chip 200 ohm 1/10W	RM73B--201JT
R342	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B--102JT
R343	247 0002 966	Carbon chip 10 ohm 1/10W	RM73B--100JT
R346	247 0008 902	Carbon chip 1.8 kohm 1/10W	RM73B--182JT
R347	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R348	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R349	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B--102JT
R350	247 0013 984	Carbon chip 470 kohm 1/10W	RM73B--474JT
R351	247 0006 946	Carbon chip 390 ohm 1/10W	RM73B--391JT

Ref. No.	Part No.	Part Name	Remarks
R352	247 0007 987	Carbon chip 1.5 kohm 1/10W	RM73B--152JT
R353	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R354	247 0011 957	Carbon chip 51 kohm 1/10W	RM73B--513JT
R355	247 0011 902	Carbon chip 33 kohm 1/10W	RM73B--333JT
R356	247 0009 956	Carbon chip 7.5 kohm 1/10W	RM73B--752JT
R357,358	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R361	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B--471JT
R362~366	247 0008 915	Carbon chip 2 kohm 1/10W	RM73B--202JT
R411	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B--223JT
R413	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B--223JT
R415	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B--223JT
R417	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B--223JT
R419	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B--101JT
R420	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R421	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B--101JT
R422	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R423	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B--223JT
R425	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B--223JT
R427	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B--101JT
R428	247 0008 986	Carbon chip 3.9 kohm 1/10W	RM73B--392JT
R429	247 0002 966	Carbon chip 10 ohm 1/10W	RM73B--100JT
R431	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B--101JT
R432	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R433	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B--101JT
R434	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R435	247 0006 975	Carbon chip 510 ohm 1/10W	RM73B--511JT
R436	247 0006 991	Carbon chip 620 ohm 1/10W	RM73B--621JT
R437	247 0006 975	Carbon chip 510 ohm 1/10W	RM73B--511JT
R438	247 0006 988	Carbon chip 560 ohm 1/10W	RM73B--561JT
R439	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R440	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B--101JT
R441,442	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R443	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B--101JT
R444	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R445,446	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B--101JT
R447	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R448	247 0006 975	Carbon chip 510 ohm 1/10W	RM73B--511JT
R449	247 0006 988	Carbon chip 560 ohm 1/10W	RM73B--561JT
R450	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B--101JT
R451	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R452	247 0006 975	Carbon chip 510 ohm 1/10W	RM73B--511JT
R453	247 0006 988	Carbon chip 560 ohm 1/10W	RM73B--561JT
R454	247 0010 958	Carbon chip 20 kohm 1/10W	RM73B--203JT
R457	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B--223JT
R459	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B--223JT
R461	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B--101JT
R462	247 0007 990	Carbon chip 1.6 kohm 1/10W	RM73B--162JT
R463	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B--101JT
R464	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R472	247 0007 961	Carbon chip 1.2 kohm 1/10W	RM73B--122JT
R474	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B--473JT

Ref. No.	Part No.	Part Name	Remarks
R475	247 0005 989	Carbon chip 220 ohm 1/10W	RM73B--221JT
R476	247 0009 969	Carbon chip 8.2 kohm 1/10W	RM73B--822JT
R477	257 0014 935	Ceramic chip 0.1mF/25V	CK73F1E104ZT
R479,480	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B--472JT
R481	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B--102JT
R490	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B--101JT
R491	247 0002 966	Carbon chip 10 ohm 1/10W	RM73B--100JT
R492~499	247 0008 915	Carbon chip 2 kohm 1/10W	RM73B--202JT
CAPACITORS GROUP			
C101	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104ZT
C102	254 4538 900	Electrolytic 10µF/16V	CE04W1C100MT SMG/RE3
C105	253 9039 906	Ceramic 0.1µF/25V	CK45=1E104ZT(DD-3)
C106	253 1180 921	Ceramic 1000pF/50V	CK45B1H102KT(DD-3)
C107	257 0012 982	Ceramic chip 0.022µF/50V	CK73F1H223ZT
C109	254 4525 926	Electrolytic 100µF/50V	CE04W1H101MT SMG/RE3
C110	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
C111	254 4533 947	Electrolytic 330µF/6.3V	CE04W0J331MT SMG/RE3
C112	257 0003 933	Ceramic chip 30pF/50V	CC73SL1H300JT
C114,115	257 0010 900	Ceramic chip 0.01µF/50V	CK73B1H103KT
C116	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
C117	254 4536 928	Electrolytic 100µF/10V	CE04W1A101MT SMG/RE3
C119	256 1058 971	Metalized 0.1µF/50V	CF93A1H104JT (JL)
C301,302	254 4524 943	Electrolytic 1µF/50V	CE04W1H010MT SMG/RE3
C304	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104ZT
C305~310	254 4538 939	Electrolytic 47µF/16V	CE04W1C470MT SMG/RE3
C311~316	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
C317,318	254 4538 939	Electrolytic 47µF/16V	CE04W1C470MT SMG/RE3
C319,320	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
C321	254 4536 928	Electrolytic 100µF/10V	CE04W1A101MT SMG/RE3
C323	254 4536 928	Electrolytic 100µF/10V	CE04W1A101MT SMG/RE3
C325,326	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104ZT
C328~330	254 4538 900	Electrolytic 10µF/16V	CE04W1C100MT SMG/RE3
C331	254 4538 939	Electrolytic 47µF/16V	CE04W1C470MT SMG/RE3
C332	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
C333	254 4538 939	Electrolytic 47µF/16V	CE04W1C470MT SMG/RE3
C334	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
C335	257 0002 947	Ceramic chip 12pF/50V	CC73SL1H120JT
C336	257 0002 921	Ceramic chip 10pF/50V	CC73SL1H100DT
C337~339	257 0003 946	Ceramic chip 33pF/50V	CC73SL1H330JT
C340	257 0009 940	Ceramic chip 3300pF/50V	CK73B1H332KT
C341	254 4538 939	Electrolytic 47µF/16V	CE04W1C470MT SMG/RE3
C342	254 4536 928	Electrolytic 100µF/10V	CE04W1A101MT SMG/RE3
C343	254 4538 939	Electrolytic 47µF/16V	CE04W1C470MT SMG/RE3
C344	257 0008 941	Ceramic chip 470pF/50V	CK73B1H471KT
C345	257 0009 940	Ceramic chip 3300pF/50V	CK73B1H332KT
C346	255 1265 978	Mylar film 0.022µF/50V	CQ93M1H223JT(B)
C347	254 4524 972	Electrolytic 4.7µF/50V	CE04W1H4R7MT SMG/RE3
C348	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT
C349	254 4524 943	Electrolytic 1µF/50V	CE04W1H010MT SMG/RE3
C350	257 0005 902	Ceramic chip 150pF/50V	CC73SL1H151JT

Ref. No.	Part No.	Part Name	Remarks
C351	255 1264 911	Mylar film 1200pF/50V	CQ93M1H122JT(B)
C352	256 1058 955	Metalized 0.068µF/50V	CF93A1H683JT (JL)
C353	254 4524 943	Electrolytic 1µF/50V	CE04W1H010MT SMG/RE3
C354	254 4538 900	Electrolytic 10µF/16V	CE04W1C100MT SMG/RE3
C355	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
C356	254 4536 928	Electrolytic 100µF/10V	CE04W1A101MT SMG/RE3
C357	255 1264 908	Mylar film 1000pF/50V	CQ93M1H102JT(B)
C358	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104ZT
C359	254 4524 943	Electrolytic 1µF/50V	CE04W1H010MT SMG/RE3
C402	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104ZT
C403	254 4524 943	Electrolytic 1µF/50V	CE04W1H010MT SMG/RE3
C404,405	254 4538 939	Electrolytic 47µF/16V	CE04W1C470MT SMG/RE3
C406	254 4536 928	Electrolytic 100µF/10V	CE04W1A101MT SMG/RE3
C407,408	254 4538 939	Electrolytic 47µF/16V	CE04W1C470MT SMG/RE3
C409~412	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
C413	254 4536 928	Electrolytic 100µF/10V	CE04W1A101MT SMG/RE3
C415,416	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
C417	254 4538 939	Electrolytic 47µF/16V	CE04W1C470MT SMG/RE3
C418	254 4536 928	Electrolytic 100µF/10V	CE04W1A101MT SMG/RE3
C420	254 4538 939	Electrolytic 47µF/16V	CE04W1C470MT SMG/RE3
C421,422	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
C423,424	254 4538 939	Electrolytic 47µF/16V	CE04W1C470MT SMG/RE3
C427~429	254 4538 939	Electrolytic 47µF/16V	CE04W1C470MT SMG/RE3
C430	254 4536 928	Electrolytic 100µF/10V	CE04W1A101MT SMG/RE3
C432	254 4538 939	Electrolytic 47µF/16V	CE04W1C470MT SMG/RE3
C433,434	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
C435	254 4536 928	Electrolytic 100µF/10V	CE04W1A101MT SMG/RE3
C442,443	256 1058 939	Metalized 0.047µF/50V	CF93A1H473JT (JL)
C469	254 4524 943	Electrolytic 1µF/50V	CE04W1H010MT SMG/RE3
C470	256 1058 939	Metalized 0.047µF/50V	CF93A1H473JT (JL)
C471,472	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104ZT
C473	254 4524 943	Electrolytic 1µF/50V	CE04W1H010MT SMG/RE3
C475	254 4524 943	Electrolytic 1µF/50V	CE04W1H010MT SMG/RE3

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Ref. No.	Part No.	Part Name	Remarks	Q'ty
OTHER PARTS GROUP				
CW072,073	205 0942 022	7P connector socket (TUC-P)		2
CW074	204 2361 019	7P KR-DA connector cord		1
CW102	205 0885 053	10P connector socket (TUC-P)		1
CW103	204 2845 001	10P KR-DA connector cord		1
CW153	205 0885 040	15P connector socket (TUC-P)		1
CY291	205 1101 008	29P FFC connector base (L)		1
FL101	393 8033 007	FLD CM1690C		1
JK301~303	204 8516 017	3P pin jack		3
JK304	204 8512 008	1P pin jack		1
JK401~403	204 8415 011	3P S-terminal		3
JK404	205 0902 004	1P S-terminal (SW)		1
L101	235 0060 989	Inductor 120µH		1
L301	235 0060 963	Inductor 15µH		1
S171	212 0415 007	Rotary encoder EC16B36		1
ST401	205 0452 017	Style pin		1
W711	203 0426 021	1P connector cord Ass'y		1
W714	203 0440 065	1P contact Ass'y		1
XL301	399 0153 006	Crystal 14.32MHz-12PF		1
XL302	399 0105 009	Ceramic resonator CSB503F2		1

Ref. No.	Part No.	Part Name	Remarks
SEMICONDUCTORS GROUP			
IC301	263 0615 902	IC BA15218F-DXE2	for EU,EC
IC302	263 0439 007	IC LA3401	for EU,EC
IC303	263 0891 001	IC LA1265(S)	for EU,EC
IC304	216 0102 008	Front end	for EU,EC
IC307	262 2450 900	IC LC72131M-TLM	for EU,EC
IC911	263 0812 006	IC NJM7815FA(S)	
IC912	263 0561 001	IC NJM7915FA	
IC913	263 0809 006	IC NJM7805FA(S)	
TR301,302	269 0066 902	Transistor DTC323TKT96	for EU,EC
TR303	269 0054 901	Transistor DTC144EKT96	for EU,EC
TR304	269 0086 908	Transistor DTA114TKT96	for EU,EC
TR305	273 0411 909	Transistor 2SC2996-Y(TE85L)	for EU,EC
TR308	269 0083 901	Transistor DTA114EKT96	for EU,EC
TR309	269 0114 906	Transistor RN2402(TE85L)	for EU,EC
TR313	269 0083 901	Transistor DTA114EKT96	for EU,EC
TR701,702	273 0414 906	Transistor 2SC3326(A/B)	
TR703,704	271 0094 919	Transistor 2SA970(BL)TPE2	
TR707,708	271 0297 004	Transistor 2SA1546(L)	
TR709~712	273 0453 006	Transistor 2SC4001(M/L)	
TR713,714	271 0094 919	Transistor 2SA970(BL)TPE2	
TR741,742	273 0414 906	Transistor 2SC3326(A/B)	
TR743,744	271 0094 919	Transistor 2SA970(BL)TPE2	
TR747,748	271 0297 004	Transistor 2SA1546(L)	
TR749~752	273 0453 006	Transistor 2SC4001(M/L)	
TR753,754	271 0094 919	Transistor 2SA970(BL)TPE2	
TR781	273 0414 906	Transistor 2SC3326(A/B)	
TR782	271 0094 919	Transistor 2SA970(BL)TPE2	
TR784	271 0297 004	Transistor 2SA1546(L)	
TR785,786	273 0453 006	Transistor 2SC4001(M/L)	
TR788	271 0094 919	Transistor 2SA970(BL)TPE2	
TR801,802	273 0445 001	Transistor 2SC4495	
TR807,808	273 0235 923	Transistor 2SC1841-T(E/F)	
TR841,842	273 0445 001	Transistor 2SC4495	
TR847,848	273 0235 923	Transistor 2SC1841-T(E/F)	
TR881	273 0445 001	Transistor 2SC4495	
TR884	273 0235 923	Transistor 2SC1841-T(E/F)	
TR898	271 0131 924	Transistor 2SA988-T(E/F)	
TR899	272 0107 919	Transistor 2SB1328 (P/Q)T105	
TR911,912	273 0384 900	Transistor 2SC2412KT96(S)	
TR913	269 0040 902	Transistor DTC144ES (47K-47K)T	
TR914	273 0384 900	Transistor 2SC2412KT96(S)	
TR915	271 0238 908	Transistor 2SA1037KT96(S/R)	
TR916,917	273 0384 900	Transistor 2SC2412KT96(S)	
TR918	271 0238 908	Transistor 2SA1037KT96(S/R)	
TR919	273 0384 900	Transistor 2SC2412KT96(S)	
TR920	271 0131 924	Transistor 2SA988-T(E/F)	

Ref. No.	Part No.	Part Name	Remarks
TR921,922	269 0046 906	Transistor DTA114ES(10K-10K)T	
TR923,924	269 0040 902	Transistor DTC144ES (47K-47K)T	
TR925	274 0120 002	Transistor 2SD1762(E/F)	
TR926	273 0388 906	Transistor 2SC1740S(E)-T	
TR929	273 0388 906	Transistor 2SC1740S(E)-T	
TR930,931	269 0040 902	Transistor DTC144ES (47K-47K)T	
TR932,933	269 0046 906	Transistor DTA114ES(10K-10K)T	
TR934	274 0120 002	Transistor 2SD1762(E/F)	
D301~303	276 0432 903	Diode 1SS270A TE (TAPE)	for EU,EC
D306	276 0432 903	Diode 1SS270A TE (TAPE)	for EU,EC
D701,702	276 0432 903	Diode 1SS270A TE (TAPE)	
D741,742	276 0432 903	Diode 1SS270A TE (TAPE)	
D781	276 0432 903	Diode 1SS270A TE (TAPE)	
D801~806	276 0432 903	Diode 1SS270A TE (TAPE)	
D841~846	276 0432 903	Diode 1SS270A TE (TAPE)	
D881~883	276 0432 903	Diode 1SS270A TE (TAPE)	
D911	276 0338 007	Diode S4VB20F	
D912,913	276 0704 903	Diode 1SR35-400A(T93X)	
D914~916	276 0432 903	Diode 1SS270A TE (TAPE)	
D918	276 0560 901	Diode DAN202KT146	
ZD305	276 0644 937	Zener diode MTZJ9.1A T77	for EU,EC
ZD701~704	276 0473 904	Zener diode HZS12A-1TD	
ZD741~744	276 0473 904	Zener diode HZS12A-1TD	
ZD781,782	276 0473 904	Zener diode HZS12A-1TD	
ZD801~804	276 0457 904	Zener diode HZS4C-1TD	
ZD841~844	276 0457 904	Zener diode HZS4C-1TD	
ZD881,882	276 0457 904	Zener diode HZS4C-1TD	
ZD911	276 0645 978	Zener diode MTZJ36A T77	
ZD912~915	276 0477 900	Zener diode HZS16-1 TD(TAPE)	
PT730	279 0034 054	Thermistor PTH9M04BC222TS2F333	
PT731	279 0034 012	Thermistor PTH9M04BG222TS2F333	
PT732	279 0034 054	Thermistor PTH9M04BC222TS2F333	
PT733	279 0034 012	Thermistor PTH9M04BG222TS2F333	
SC901	279 0016 904	Thyristor SF0R1A42(TPE2)	
RESISTORS GROUP			
R301,302	247 0008 960	Carbon chip 3.3 kohm 1/10W	RM73B--332JT for EU,EC
R303~306	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B--101JT for EU,EC
R307,308	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT for EU,EC

Ref. No.	Part No.	Part Name	Remarks
R309~312	247 0008 960	Carbon chip 3.3 kohm 1/10W	RM73B--332JT for EU,EC
R313,314	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT for EU,EC
R315,316	247 0012 943	Carbon chip 120 kohm 1/10W	RM73B--124JT for EU,EC
R317	247 0009 927	Carbon chip 5.6 kohm 1/10W	RM73B--562JT for EU,EC
R318	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT for EU,EC
R319	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B--223JT for EU,EC
R320	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT for EU,EC
R321	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT for EU,EC
R322	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT for EU,EC
R323	247 0011 973	Carbon chip 62 kohm 1/10W	RM73B--623JT for EU,EC
R324	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B--102JT for EU,EC
R325	247 0008 960	Carbon chip 3.3 kohm 1/10W	RM73B--332JT for EU,EC
R326	247 0005 921	Carbon chip 120 ohm 1/10W	RM73B--121JT for EU,EC
R327	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT for EU,EC
R328	247 0010 945	Carbon chip 18 kohm 1/10W	RM73B--183JT for EU,EC
R329	247 0008 960	Carbon chip 3.3 kohm 1/10W	RM73B--332JT for EU,EC
R330,331	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT for EU,EC
R332	247 0009 943	Carbon chip 6.8 kohm 1/10W	RM73B--682JT for EU,EC
R333	247 0009 927	Carbon chip 5.6 kohm 1/10W	RM73B--562JT for EU,EC
R334	247 0005 921	Carbon chip 120 ohm 1/10W	RM73B--121JT for EU,EC
R335	247 0011 986	Carbon chip 68 kohm 1/10W	RM73B--683JT for EU,EC
R336	247 0010 929	Carbon chip 15 kohm 1/10W	RM73B--153JT for EU,EC
R337	247 0006 920	Carbon chip 330 ohm 1/10W	RM73B--331JT for EU,EC
R338	247 0007 961	Carbon chip 1.2 kohm 1/10W	RM73B--122JT for EU,EC
R339	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B--472JT for EU,EC
R340	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B--471JT for EU,EC

Ref. No.	Part No.	Part Name	Remarks
R342	247 0005 989	Carbon chip 220 ohm 1/10W	RM73B--221JT
			for EU,EC
R343	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B--101JT
			for EU,EC
R344,345	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B--102JT
			for EU,EC
R346	247 0009 927	Carbon chip 5.6 kohm 1/10W	RM73B--562JT
			for EU,EC
R347,348	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
			for EU,EC
R349	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B--102JT
			for EU,EC
R350	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
			for EU,EC
R351	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B--102JT
			for EU,EC
R358	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
			for EU,EC
R361,362	247 0008 986	Carbon chip 3.9 kohm 1/10W	RM73B--392JT
			for EU,EC
R363,364	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
			for EU,EC
R365	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
			for EU,EC
R367~369	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
			for EU,EC
R371,372	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
			for EU,EC
R376	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B--102JT
			for EU,EC
R377,378	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
			for EU,EC
R379	247 0002 966	Carbon chip 10 ohm 1/10W	RM73B--100JT
			for EU,EC
R380~382	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
			for EU,EC
R383	247 0002 966	Carbon chip 10 ohm 1/10W	RM73B--100JT
			for EU,EC
R384	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
			for EU,EC
R396~398	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
			for EU,EC
R399	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B--102JT
			for EU,EC
R705,706	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R711,712	244 2052 999	Metal oxide 10 kohm 1W(NB)	RS14B3A103JNBST(S)
R717~720	241 2380 963	Carbon film 2.2 kohm 1/4W(NB)	RD14B2E222JNBST
R725~728	241 2435 928	Fusible resistor 130 ohm 1/4W	RD14B2E131GFRST
R729,730	241 2315 967	Fusible resistor 68 ohm 1/4W	RD14B2E680GFRST
R733~740	241 2387 940	Carbon film 4.7 ohm 1/4W(NB)	RD14B2E4R7JNBST
R745,746	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT

Ref. No.	Part No.	Part Name	Remarks
R751,752	244 2052 999	Metal oxide 10 kohm 1W(NB)	RS14B3A103JNBST(S)
R757~760	241 2380 963	Carbon film 2.2 kohm 1/4W(NB)	RD14B2E222JNBST
R765~768	241 2435 928	Fusible resistor 130 ohm 1/4W	RD14B2E131GFRST
R769,770	241 2315 967	Fusible resistor 68 ohm 1/4W	RD14B2E680GFRST
R773,774	241 2387 940	Carbon film 4.7 ohm 1/4W(NB)	RD14B2E4R7JNBST
R775~779	244 2671 914	Metal oxide 15 kohm 2W(NB)	RS14B3D153JNBST(S)
R783	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R786	244 2052 999	Metal oxide 10 kohm 1W(NB)	RS14B3A103JNBST(S)
R789,790	241 2380 963	Carbon film 2.2 kohm 1/4W(NB)	RD14B2E222JNBST
R793,794	241 2435 928	Fusible resistor 130 ohm 1/4W	RD14B2E131GFRST
R795	241 2315 967	Fusible resistor 68 ohm 1/4W	RD14B2E680GFRST
R803~810	244 2043 982	Metal oxide 1W(NB)	RS14B3AR22JNBST(S)
R813,814	241 2379 987	Carbon film 1 kohm 1/4W(NB)	RD14B2E102JNBST
R817,818	241 2380 950	Carbon film 2 kohm 1/4W(NB)	RD14B2E202JNBST
R825~828	244 2043 995	Metal oxide 20 ohm 1W(NB)	RS14B3A200JNBST(S)
R831,832	244 2051 987	Metal oxide 4.7 ohm 1W(NB)	RS14B3A4R7JNBST(S)
R843~850	244 2043 982	Metal oxide 1W(NB)	RS14B3AR22JNBST(S)
R853,854	241 2379 987	Carbon film 1 kohm 1/4W(NB)	RD14B2E102JNBST
R857,858	241 2380 950	Carbon film 2 kohm 1/4W(NB)	RD14B2E202JNBST
R865~868	244 2043 995	Metal oxide 20 ohm 1W(NB)	RS14B3A200JNBST(S)
R871,872	244 2051 987	Metal oxide 4.7 ohm 1W(NB)	RS14B3A4R7JNBST(S)
R882~885	244 2043 982	Metal oxide 1W(NB)	RS14B3AR22JNBST(S)
R887	241 2379 987	Carbon film 1 kohm 1/4W(NB)	RD14B2E102JNBST
R889	241 2380 950	Carbon film 2 kohm 1/4W(NB)	RD14B2E202JNBST
R893,894	244 2043 995	Metal oxide 20 ohm 1W(NB)	RS14B3A200JNBST(S)
R896	244 2051 987	Metal oxide 4.7 ohm 1W(NB)	RS14B3A4R7JNBST(S)
R898,899	241 2387 940	Carbon film 4.7 ohm 1/4W(NB)	RD14B2E4R7JNBST
R951,952	247 0011 931	Carbon chip 43 kohm 1/10W	RM73B--433JT
R953	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B--472JT
R954	247 0001 983	Carbon chip 4.7 ohm 1/10W	RM73B--4R7KT
R955	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B--470JT
R956	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B--102JT
R957	247 0001 983	Carbon chip 4.7 ohm 1/10W	RM73B--4R7KT
R958	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R959	247 0011 902	Carbon chip 33 kohm 1/10W	RM73B--333JT
R960	247 0001 983	Carbon chip 4.7 ohm 1/10W	RM73B--4R7KT
R961	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R962	247 0010 916	Carbon chip 13 kohm 1/10W	RM73B--133JT
R963	241 2387 940	Carbon film 4.7 ohm 1/4W(NB)	RD14B2E4R7JNBST
R965	241 2375 907	Carbon film 10 ohm 1/4W(NB)	RD14B2E100JNBST
R966,967	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B--101JT
R968,969	244 2051 990	Metal oxide 4.7 kohm 1W(NB)	RS14B3A472JNBST(S)
R970,971	241 2376 919	Carbon film 30 ohm 1/4W(NB)	RD14B2E300JNBST
R972,973	244 2051 990	Metal oxide 4.7 kohm 1W(NB)	RS14B3A472JNBST(S)
R974,975	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R977	241 2375 907	Carbon film 10 ohm 1/4W(NB)	RD14B2E100JNBST
VR301	211 6132 925	Semi fixed resistor 10 kohm	V06PB103T
			for EU,EC

Ref. No.	Part No.	Part Name	Remarks
VR302	211 6132 983	Semi fixed resistor 100 kohm	V06PB104T for EU,EC
VR701,702	211 6132 909	Semi fixed resistor 4.7 kohm	V06PB472T
VR741,742	211 6132 909	Semi fixed resistor 4.7 kohm	V06PB472T
VR781	211 6132 909	Semi fixed resistor 4.7 kohm	V06PB472T
CAPACITORS GROUP			
C301,302	254 4538 913	Electrolytic 22μF/16V	CE04W1C220MT SMG/RE3 for EU,EC
C303,304	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3 for EU,EC
C307~310	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MT SMG/RE3 for EU,EC
C311,312	257 0006 972	Ceramic chip 750pF/50V	CC73SL1H751JT for EU,EC
C314	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT for EU,EC
C315	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3 for EU,EC
C317	254 4524 956	Electrolytic 2.2μF/50V	CE04W1H2R2MT SMG/RE3 for EU,EC
C318	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3 for EU,EC
C319	254 4524 914	Electrolytic 0.22μF/50V	CE04W1HR22MT SMG/RE3 for EU,EC
C320	254 4538 913	Electrolytic 22μF/16V	CE04W1C220MT SMG/RE3 for EU,EC
C321	256 1058 942	Metalized 0.056μF/50V	CF93A1H563JT (JL) for EU,EC
C322	254 4538 939	Electrolytic 47μF/16V	CE04W1C470MT SMG/RE3 for EU,EC
C323	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3 for EU,EC
C325	254 3053 910	Electrolytic 22μF/16V	CE04D1C220MBPT (SME) for EU,EC
C326	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT for EU,EC
C327	254 4538 939	Electrolytic 47μF/16V	CE04W1C470MT SMG/RE3 for EU,EC
C328,329	257 0010 900	Ceramic chip 0.01μF/50V	CK73B1H103KT for EU,EC
C331	256 1058 939	Metalized 0.047μF/50V	CF93A1H473JT (JL) for EU,EC
C332	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MT SMG/RE3 for EU,EC
C333	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3 for EU,EC
C334	254 4524 930	Electrolytic 0.47μF/50V	CE04W1HR47MT SMG/RE3 for EU,EC
C335~337	257 0010 900	Ceramic chip 0.01μF/50V	CK73B1H103KT for EU,EC

Ref. No.	Part No.	Part Name	Remarks
C338	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT for EU,EC
C339	257 0010 942	Ceramic chip 0.022μF/50V	CK73B1H223KT for EU,EC
C340,341	257 0010 900	Ceramic chip 0.01μF/50V	CK73B1H103KT for EU,EC
C343	257 0010 900	Ceramic chip 0.01μF/50V	CK73B1H103KT for EU,EC
C347	257 0010 900	Ceramic chip 0.01μF/50V	CK73B1H103KT for EU,EC
C348	257 0002 947	Ceramic chip 12pF/50V	CC73SL1H120JT for EU,EC
C349	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MT SMG/RE3 for EU,EC
C350	257 0010 900	Ceramic chip 0.01μF/50V	CK73B1H103KT for EU,EC
C366	257 0011 983	Ceramic chip 0.047μF/25V	CK73B1E473KT for EU,EC
C369,370	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT for EU,EC
C385	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT for EU,EC
C387	257 0010 900	Ceramic chip 0.01μF/50V	CK73B1H103KT for EU,EC
C388	254 4538 939	Electrolytic 47μF/16V	CE04W1C470MT SMG/RE3 for EU,EC
C390	257 0010 900	Ceramic chip 0.01μF/50V	CK73B1H103KT for EU,EC
C391	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3 for EU,EC
C392	257 0010 900	Ceramic chip 0.01μF/50V	CK73B1H103KT for EU,EC
C393	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT for EU,EC
C394,395	257 0002 963	Ceramic chip 15pF/50V	CC73SL1H150JT for EU,EC
C396	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3 for EU,EC
C397	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT for EU,EC
C398	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT for EU,EC
C399	253 1180 921	Ceramic 1000pF/50V	CK45B1H102KT(DD-3) for EU,EC
C400	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT for EU,EC
C703,704	254 4525 900	Electrolytic 33μF/50V	CE04W1H330MT SMG/RE3
C705,706	253 1179 945	Ceramic 220pF/50V	CK45B1H221KT(DD-3)
C707,708	253 1179 987	Ceramic 470pF/50V	CK45B1H471KT(DD-3)
C709,710	255 1264 982	Mylar film 4700pF/50V	CQ93M1H472JT(B)

Ref. No.	Part No.	Part Name	Remarks
C711,712	254 4539 705	Electrolytic 1000μF/16V	CE04W1C102MC SMG/RE3
C713,714	254 4525 926	Electrolytic 100μF/50V	CE04W1H101MT SMG/RE3
C715,716	255 4237 929	Mylar film 56pF/100V	CQ93P2A560JT(NH)
C717,718	253 4470 900	Ceramic 10pF/500V	CC45SL2H100DT
C743,744	254 4525 900	Electrolytic 33μF/50V	CE04W1H330MT SMG/RE3
C745,746	253 1179 945	Ceramic 220pF/50V	CK45B1H221KT(DD-3)
C747,748	253 1179 987	Ceramic 470pF/50V	CK45B1H471KT(DD-3)
C749,750	255 1264 982	Mylar film 4700pF/50V	CQ93M1H472JT(B)
C751,752	254 4539 705	Electrolytic 1000μF/16V	CE04W1C102MC SMG/RE3
C753,754	254 4525 926	Electrolytic 100μF/50V	CE04W1H101MT SMG/RE3
C755,756	255 4237 929	Mylar film 56pF/100V	CQ93P2A560JT(NH)
C757,758	253 4470 900	Ceramic 10pF/500V	CC45SL2H100DT
C782	254 4525 900	Electrolytic 33μF/50V	CE04W1H330MT SMG/RE3
C783	253 1179 945	Ceramic 220pF/50V	CK45B1H221KT(DD-3)
C784	253 1179 987	Ceramic 470pF/50V	CK45B1H471KT(DD-3)
C785	255 1264 982	Mylar film 4700pF/50V	CQ93M1H472JT(B)
C786	254 4539 705	Electrolytic 1000μF/16V	CE04W1C102MC SMG/RE3
C787	254 4525 926	Electrolytic 100μF/50V	CE04W1H101MT SMG/RE3
C788	255 4237 929	Mylar film 56pF/100V	CQ93P2A560JT(NH)
C789	253 4470 900	Ceramic 10pF/500V	CC45SL2H100DT
C801,802	254 4528 729	Electrolytic 100μF/100V	CE04W2A101MC SMG/RE3
C803,804	255 4237 974	Mylar film 220pF/100V	CQ93P2A221JT
C805,806	255 1265 936	Mylar film 0.01μF/50V	CQ93M1H103JT(B)
C807,808	256 1042 903	Metalized 0.1μF/250V	CF93A2E104KT
C809~812	255 4235 934	Mylar film 0.01μF/100V	CQ93P2A103JT(NH)
			for EU,EC
C809~812	254 4527 982	Electrolytic 10μF/100V	CE04W2A100MT SMG/RE3
			for E2,E1,E1C,EUT
C813,814	255 1265 978	Mylar film 0.022μF/50V	CQ93M1H223JT(B)
C841,842	254 4528 729	Electrolytic 100μF/100V	CE04W2A101MC SMG/RE3
C843,844	255 4237 974	Mylar film 220pF/100V	CQ93P2A221JT
C845,846	255 1265 936	Mylar film 0.01μF/50V	CQ93M1H103JT(B)
C847,848	256 1042 903	Metalized 0.1μF/250V	CF93A2E104KT
C849~852	255 4235 934	Mylar film 0.01μF/100V	CQ93P2A103JT(NH)
			for EU,EC
C849~852	254 4527 982	Electrolytic 10μF/100V	CE04W2A100MT SMG/RE3
			for E2,E1,E1C,EUT
C853,854	255 1265 978	Mylar film 0.022μF/50V	CQ93M1H223JT(B)
C881	254 4528 729	Electrolytic 100μF/100V	CE04W2A101MC SMG/RE3
C882	255 4237 974	Mylar film 220pF/100V	CQ93P2A221JT
C883	255 1265 936	Mylar film 0.01μF/50V	CQ93M1H103JT(B)
C884	256 1042 903	Metalized 0.1μF/250V	CF93A2E104KT
C885,886	255 4235 934	Mylar film 0.01μF/100V	CQ93P2A103JT(NH)
			for EU,EC
C885,886	254 4527 982	Electrolytic 10μF/100V	CE04W2A100MT SMG/RE3
			for E2,E1,E1C,EUT
C887	255 1265 978	Mylar film 0.022μF/50V	CQ93M1H223JT(B)
C898	253 1181 904	Ceramic 0.01μF/50V	CK45F1H103ZT(DD-3)
C899	254 4528 729	Electrolytic 100μF/100V	CE04W2A101MC SMG/RE3
C951,952	254 4538 939	Electrolytic 47μF/16V	CE04W1C470MT SMG/RE3

Ref. No.	Part No.	Part Name	Remarks	
C953	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT	
C954	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MT SMG/RE3	
C955	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT	
C956	254 4533 947	Electrolytic 330μF/6.3V	CE04W0J331MT SMG/RE3	
C957	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT	
C958	254 4533 947	Electrolytic 330μF/6.3V	CE04W0J331MT SMG/RE3	
C961,962	254 4567 706	Electrolytic 220μF/25V	CE04W1E221MC(ARS/2)	
C965,966	254 4566 707	Electrolytic 6800μF/35V	CE04W1V682MC(ASF)	
C967~969	255 1265 936	Mylar film 0.01μF/50V	CQ93M1H103JT(B)	
C972	254 4538 939	Electrolytic 47μF/16V	CE04W1C470MT SMG/RE3	
C980,981	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3	
C982	254 4540 707	Electrolytic 330μF/63V	CE04W1J331MC SMG/RE3	
C983	254 4525 748	Electrolytic 330μF/50V	CE04W1H331MC SMG/RE3	
C984	255 1265 936	Mylar film 0.01μF/50V	CQ93M1H103JT(B)	
C988	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MT SMG/RE3	
C989	254 4524 914	Electrolytic 0.22μF/50V	CE04W1HR22MT SMG/RE3	
OTHER PARTS GROUP				**Q'ty**
CF301	261 0079 005	Ceramic resonator CSB456F11	for EU,EC	1
CF302	261 0031 001	Ceramic filter BFU450C4	for EU,EC	1
CF303	261 0136 906	Ceramic filter MS2G	for EU,EC	1
CF304	261 0135 907	Ceramic filter MA8	for EU,EC	1
CF305	261 0116 007	Ceramic filter SFU450B3	for EU,EC	1
CN711~720	205 1037 062	6P pin header (TXX)		10
CW934~938	203 5225 007	3P SAN-SAN connector cord		5
CX035	205 0233 032	3P EH connector base		1
CX056	205 0233 058	5P EH connector base		1
CX057	205 0884 009	5P connector base (TUC-P)		1
CX068	205 0343 061	6P connector base (KR-PH)		1
CX081	205 0343 087	8P connector base (KR-PH)		1
CX727,728	205 1037 062	6P pin header (TXX)		2
CX730	205 0343 032	3P connector base (KR-PH)		1
CX731	205 0321 038	3P connector base (KR-PH RED)		1
CX732	205 0343 032	3P connector base (KR-PH)		1
CX733	205 0321 038	3P connector base (KR-PH RED)		1
CX932	205 0343 032	3P connector base (KR-PH)		1
CX941,942	205 0884 083	4P connector base (TUC-P)		2
CX944,945	205 0884 083	4P connector base (TUC-P)		2
CY042	205 0343 045	4P connector base (KR-PH)		1
CY063	205 0343 061	6P connector base (KR-PH)	for EU,EC	1
CY121	205 0375 026	12P connector base (KR-PH)	for EU,EC	1
CY932	205 0343 032	3P connector base (KR-PH)		1
⚠F15,16	206 1039 089	Fuse 3.15A	for EU,EC	2
⚠F15,16	206 1015 074	Fuse 3.15A	for E2,E1,E1C	2
⚠F15,16	206 1039 089	Fuse 3.15A	for EUT	2
FB301	235 0049 900	Beads inductor	for EU,EC	1

Ref. No.	Part No.	Part Name	Remarks	Q'ty
FF111,112	202 0040 909	Fuse clip		2
FH111,112	202 0040 909	Fuse clip		2
JK301	205 0603 015	3P antenna terminal	for EU,EC	1
L301	235 0060 905	Inductor 2.2µH	for EU,EC	1
L302	235 0060 950	Inductor 10µH	for EU,EC	1
L801,802	235 0068 004	Inductor 1µH		2
L841,842	235 0068 004	Inductor 1µH		2
L881	235 0068 004	Inductor 1µH		1
ST1~4	205 1034 007	M3 Screw terminal		4
ST5	205 1034 007	M3 Screw terminal	for EU,EC	1
T302	231 2085 009	FM DET trans.	for EU,EC	1
T304	231 1138 009	AM IFT	for EU,EC	1
T305	231 2096 001	MW ANT-OSC coil	for EU,EC	1
TP301	205 0190 036	3P NH connector base	for EU,EC	1
TP801~805	205 0133 035	3P NH connector base		5
TP806	205 0190 036	3P NH connector base		1
W701~707	205 0864 003	M3 screw terminal		7
W709	205 0864 003	M3 screw terminal		1
XL301	399 0075 003	Crystal 7.2 MHz	for EU,EC	1
	009 0164 008	Bus bar (5P)		2
	009 0165 007	Bus bar (6P)		1
	415 0309 026	P.V.C. tube (L=20)		8
	513 2585 045	Fuse label	for E2,E1,E1C	2

1U-3127F/G/H MAIN & REG. UNIT

Ref. No.	Part No.	Part Name	Remarks
SEMICONDUCTORS GROUP			
IC201	262 2796 004	IC TMP88CU74F-1A61	
IC202,203	262 2375 904	IC TC4094BF(TP1)	
IC204	263 0896 909	IC NJM2068MD-T1	
IC291	263 0801 004	IC NJM7812FA(S)	
IC901	263 0809 006	IC NJM7805FA(S)	
IC902	263 0554 005	IC NJM7905FA	for E2,E1,E1C,EUT
IC903	263 1048 002	IC BA033T	
IC904	263 0793 002	IC NJM7806FA(S)	
IC905	263 0683 002	IC NJM7906FA	
IC906	263 0809 006	IC NJM7805FA(S)	
TR201	269 0054 901	Transistor DTC144EKT96	
TR202	274 0163 904	Transistor 2SD601A	
TR203	269 0083 901	Transistor DTA114EKT96	
TR204	269 0054 901	Transistor DTC144EKT96	
TR205	269 0083 901	Transistor DTA114EKT96	
TR206,207	269 0054 901	Transistor DTC144EKT96	
TR901	271 0239 017	Transistor 2SA1489 LC(O/P/Y)(Z)	
TR903	271 0254 018	Transistor 2SA1725(O/P/Y)	
TR904,905	269 0054 901	Transistor DTC144EKT96	
TR906	271 0254 018	Transistor 2SA1725(O/P/Y)	
TR907	273 0404 013	Transistor 2SC4511(O/P/Y)	
D201,202	276 0704 903	Diode 1SR35-400A(T93X)	
D203~205	276 0432 903	Diode 1SS270A TE (TAPE)	
D901	276 0338 007	Diode S4VB20F	
D902	276 0432 903	Diode 1SS270A TE (TAPE)	
D903	276 0432 903	Diode 1SS270A TE (TAPE)	for E2,E1,E1C,EUT
D904~907	276 0548 910	Diode DSM1D2(TYPE-3)	
D908,909	276 0432 903	Diode 1SS270A TE (TAPE)	
ZD201	276 0634 905	Zener diode MTZJ3.3AT77	
RESISTORS GROUP			
R201,202	247 0013 984	Carbon chip 470 kohm 1/10W	RM73B--474JT
R203,204	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B--471JT
R205,206	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B--101JT
R207,208	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B--473JT
R209	241 2387 940	Carbon film 4.7 ohm 1/4W(NB)	RD14B2E4R7JNBST
R210~212	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B--102JT
R213	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B--472JT
R214	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R215	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B--472JT
R216	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R217	247 0013 900	Carbon chip 220 kohm 1/10W	RM73B--224JT
R218	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R219	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT

Ref. No.	Part No.	Part Name	Remarks
R221~223	235 0130 903	Chip emifil (11A121)	CHIP EMIFIL(11A121)
			for EU,EC
R221~223	247 2007 943	Carbon chip 1 kohm 1/10W	RM73B--102JT
			for E2,E1,E1C,EUT
R226	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R232	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
			for E2,E1,E1C,EUT
R233	247 0008 928	Carbon chip 2.2 kohm 1/10W	RM73B--222JT
R234~238	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R239~241	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B--472JT
R242~244	247 0008 928	Carbon chip 2.2 kohm 1/10W	RM73B--222JT
R246~249	235 0130 903	Chip emifil (11A121)	CHIP EMIFIL(11A121)
			for EU,EC
R246~249	247 2018 903	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
			for E2,E1,E1C,EUT
R250	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R252~255	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R256,257	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B--472JT
R261	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B--472JT
R262~273	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R279	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B--473JT
R902	241 2376 919	Carbon film 30 ohm 1/4W(NB)	RD14B2E300JNBST
R905	241 2376 919	Carbon film 30 ohm 1/4W(NB)	RD14B2E300JNBST
R906,907	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R909,910	241 2376 919	Carbon film 30 ohm 1/4W(NB)	RD14B2E300JNBST
CAPACITORS GROUP			
C201,202	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT SMG/RE3
C207,208	254 4538 926	Electrolytic 33µF/16V	CE04W1C330MT SMG/RE3
C209,210	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT SMG/RE3
C211	254 4525 913	Electrolytic 47µF/50V	CE04W1H470MT SMG/RE3
C212,213	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
C214	259 0007 702	Back up cap. 8200 µF/5.5V	SB CAP==822=C
C215,216	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
C217	254 4524 972	Electrolytic 4.7µF/50V	CE04W1H4R7MT SMG/RE3
C218	256 1058 984	Metalized 0.12µF/50V	CF93A1H124JT (JL)
C219	254 4536 931	Electrolytic 220µF/10V	CE04W1A221MT SMG/RE3
C220	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT SMG/RE3
C223	257 0011 983	Ceramic chip 0.047µF/25V	CK73B1E473KT
			for EU,EC
C224	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT
			for EU,EC
C225	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT
			for EU,EC
C226	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT
			for EU,EC
C232	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
C233,234	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104ZT
C235	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT SMG/RE3
C238	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT
C240	257 0012 982	Ceramic chip 0.022µF/50V	CK73F1H223ZT

Ref. No.	Part No.	Part Name	Remarks
C241	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
C243	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT SMG/RE3
			for EU,EC
C244	257 0011 983	Ceramic chip 0.047µF/25V	CK73B1E473KT
C245	253 1181 904	Ceramic 0.01µF/50V	CK45F1H103ZT(DD-3)
C250	257 0011 983	Ceramic chip 0.047µF/25V	CK73B1E473KT
C251	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
C254,255	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT
C257,258	257 0005 944	Ceramic chip 220pF/50V	CC73SL1H221JT
C290	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT SMG/RE3
			for EU,EC
C292	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT SMG/RE3
			for EU,EC
C901,902	255 1265 936	Mylar film 0.01µF/50V	CQ93M1H103JT(B)
C905	254 4442 711	Electrolytic 10000µF/16V	CE04W1C103MC(SMG)
C906	254 4539 705	Electrolytic 1000µF/16V	CE04W1C102MC SMG/RE3
			for E2,E1,E1C,EUT
C907	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT SMG/RE3
C911	254 4524 943	Electrolytic 1µF/50V	CE04W1H010MT SMG/RE3
C912	254 4524 943	Electrolytic 1µF/50V	CE04W1H010MT SMG/RE3
			for E2,E1,E1C,EUT
C913	254 4538 939	Electrolytic 47µF/16V	CE04W1C470MT SMG/RE3
C914	254 4538 939	Electrolytic 47µF/16V	CE04W1C470MT SMG/RE3
			for E2,E1,E1C,EUT
C915	253 1181 904	Ceramic 0.01µF/50V	CK45F1H103ZT(DD-3)
C917	253 1181 904	Ceramic 0.01µF/50V	CK45F1H103ZT(DD-3)
C918	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT SMG/RE3
C919	254 4524 943	Electrolytic 1µF/50V	CE04W1H010MT SMG/RE3
C920	254 4538 939	Electrolytic 47µF/16V	CE04W1C470MT SMG/RE3
C921	253 1181 904	Ceramic 0.01µF/50V	CK45F1H103ZT(DD-3)
C923,924	255 1265 936	Mylar film 0.01µF/50V	CQ93M1H103JT(B)
C925,926	254 4406 702	Electrolytic 3300µF/16V	CE04W1C332MC(SMG)
C929,930	254 4538 939	Electrolytic 47µF/16V	CE04W1C470MT SMG/RE3
C931,932	253 1181 904	Ceramic 0.01µF/50V	CK45F1H103ZT(DD-3)
C934	254 4524 943	Electrolytic 1µF/50V	CE04W1H010MT SMG/RE3
C935	254 4538 939	Electrolytic 47µF/16V	CE04W1C470MT SMG/RE3
C936	253 1181 904	Ceramic 0.01µF/50V	CK45F1H103ZT(DD-3)
C937	255 1265 936	Mylar film 0.01µF/50V	CQ93M1H103JT(B)
C938,939	254 4524 943	Electrolytic 1µF/50V	CE04W1H010MT SMG/RE3
C999	254 4347 049	Electrolytic 1µF/50V	CE04W1H010M(ARSA)

Ref. No.	Part No.	Part Name	Remarks	Q'ty
OTHER PARTS GROUP				
CW732	203 5226 006	3P PH-SAN connector cord		1
CW733	203 5226 019	3P PH-SAN connector cord		1
CX032	205 0653 036	3P VH connector base		1
CX033	205 0233 032	3 P EH connector base		1
CX036	205 0233 032	3 P EH connector base		1
CX045	205 0884 083	4P connector base (TUC-P)		1
CX049	205 0884 083	4P connector base (TUC-P)		1
CX055	205 0343 058	5P connector base (KR-PH)		1
CX061,062	205 0943 018	6P connector base (TUC-P)		2
CX063	205 0343 061	6P connector base (KR-PH)		1
CX069	205 0343 061	6P connector base (KR-PH)		1
CX072,073	205 0943 021	7P connector base (TUC-P)		2
CX082,083	205 0884 096	8P connector base (TUC-P)		2
CX084	205 0343 087	8P connector base (KR-PH)		1
CX088	205 0884 096	8P connector base (TUC-P)		1
CX102	205 0884 054	10P connector base (TUC-P)		1
CX112	205 0884 067	11P connector base (TUC-P)		1
CX114~119	205 0884 067	11P connector base (TUC-P)		6
CX121	205 0375 026	12P connector base (KR-PH)	for EU,EC	1
CX122	205 0884 070	12P connector base (TUC-P)		1
CX142	205 0884 012	14P connector base (TUC-P)		1
CX153~155	205 0884 041	15P connector base (TUC-P)		3
CX291	205 0736 034	29P FFC connector base (9603)		1
CX941	205 0343 045	4P connector base (KR-PH)		1
CY052	205 0343 058	5P connector base (KR-PH)		1
CY055	205 0343 058	5P connector base (KR-PH)		1
CY064	205 0343 061	6P connector base (KR-PH)		1
CY068	205 0343 061	6P connector base (KR-PH)		1
CY081	205 0343 087	8P connector base (KR-PH)		1
CY085	205 0343 087	8P connector base (KR-PH)		1
CY111	205 0375 013	11P connector base (KR-PH)		1
CY124	205 0375 026	12P connector base (KR-PH)		1
CY137	205 0375 039	13P connector base (KR-PH)		1
⚠F11,12	206 1039 089	Fuse 3.15A	for EU,EC,EUT	2
⚠F11,12	206 1015 074	Fuse 3.15A	for E2,E1,E1C	2
⚠F13,14	206 1039 063	Fuse 2.0A	for EU,EC,EUT	2
⚠F13,14	206 1015 061	Fuse 2A	for E2,E1,E1C	2
FB201~205	235 0049 900	Beads inductor		5
FB206~208	235 0130 903	Chip emifil (11A121)		3
FB209	235 0049 900	Beads inductor		1
FB214	235 0049 900	Beads inductor	for EU,EC	1
FF911~914	202 0040 909	Fuse clip		4
FH911~914	202 0040 909	Fuse clip		4
L201,202	235 0070 908	Inductor 12μH		2

Ref. No.	Part No.	Part Name	Remarks	Q'ty
TP901	205 0190 036	3P NH connector base		1
W721	203 0475 072	1P contact ass'y		1
W722	203 0463 000	1P SIN con. Ass'y	for EU,EC	1
W724	203 0539 002	1P SIN cord ass'y		1
X201	399 0532 902	Ceramic 12.5 MHz		1
	513 2585 032	Fuse label	for E2,E1,E1C	2
	513 2585 045	Fuse label	for E2,E1,E1C	2

1U-3128F/G/H/I RECTIFIER & PRI. UNIT

Ref. No.	Part No.	Part Name	Remarks
SEMICONDUCTORS GROUP			
IC371	262 2643 908	IC TC4052BF(TAPE)	
IC372,373	263 1075 004	IC TK15420D	
IC374	262 2643 908	IC TC4052BF(TAPE)	
IC701	263 0793 002	IC NJM7806FA(S)	
⚠ IC702	268 0073 905	IC ICP-N15T	
IC908	262 2580 906	IC CXA1511M	
TR371,372	269 0054 901	Transistor DTC144EKT96	
TR373,374	269 0055 900	Transistor DTA144EKT96	
TR375	269 0054 901	Transistor DTC144EKT96	
TR701	273 0388 906	Transistor 2SC1740S(E)-T	
TR704~706	273 0388 906	Transistor 2SC1740S(E)-T	
TR707	269 0054 901	Transistor DTC144EKT96	
TR708	269 0082 902	Transistor DTC114EKT96	
TR906	269 0055 900	Transistor DTA144EKT96	
TR951	269 0082 902	Transistor DTC114EKT96	
TR952	269 0083 901	Transistor DTA114EKT96	
D371	276 0559 909	Diode DAP202KT146	
D374	276 0559 909	Diode DAP202KT146	
D375	276 0560 901	Diode DAN202KT146	
D376~378	276 0432 903	Diode 1SS270A TE (TAPE)	
D701	276 0432 903	Diode 1SS270A TE (TAPE)	
D702~707	276 0704 903	Diode 1SR35-400A(T93X)	
D708,709	276 0432 903	Diode 1SS270A TE (TAPE)	
D752	276 0704 903	Diode 1SR35-400A(T93X)	
ZD701	276 0644 908	Zener diode MTZJ6.8A T77	
ZD702	276 0645 907	Zener diode MTZJ18A T77	
ZD751	276 0643 996	Zener diode MTZJ5.6A T77	
ZD901	276 0637 902	Zener diode MTZJ6.2AT77	
ZD951	276 0637 902	Zener diode MTZJ6.2AT77	
RESISTORS GROUP			
R371~376	247 0004 977	Carbon chip 75 ohm 1/10W	RM73B--750JT
R377~379	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B--223JT
R380~382	247 0004 977	Carbon chip 75 ohm 1/10W	RM73B--750JT
R384	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R385	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R386	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B--473JT
R387~389	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B--101JT
R390~392	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R393~395	247 0006 975	Carbon chip 510 ohm 1/10W	RM73B--511JT
R396~398	247 0006 988	Carbon chip 560 ohm 1/10W	RM73B--561JT

Ref. No.	Part No.	Part Name	Remarks
R701	242 2009 001	Composition 2.2Mohm 1/2W	RC05GF2H225K(UL) for EU,EC
R720,721	243 2091 009	Winding 33 ohm 10W	RW78A4A330J=(UL)
R751~754	244 2051 974	Metal oxide 1 kohm 1W(NB)	RS14B3A102JNBST(S)
R755	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B--101JT
R889	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B--473JT
R890	247 0005 989	Carbon chip 220 ohm 1/10W	RM73B--221JT
R891	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R892	247 0012 998	Carbon chip 200 kohm 1/10W	RM73B--204JT
R893	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B--102JT
R894	247 0011 928	Carbon chip 39 kohm 1/10W	RM73B--393JT
R895	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B--102JT
R992	244 2052 928	Metal oxide 47 ohm 1W(NB)	RS14B3A470JNBST(S)
R993	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R995	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B--471JT
CAPACITORS GROUP			
C371	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104ZT
C372	254 4305 968	Electrolytic 1µF/50V	CE04W1H010MT(SRE)
C373	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104ZT
C374	254 4305 968	Electrolytic 1µF/50V	CE04W1H010MT(SRE)
C375	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104ZT
C376	254 4305 968	Electrolytic 1µF/50V	CE04W1H010MT(SRE)
C378,379	254 4299 964	Electrolytic 47µF/16V	CE04W1C470MT(SRE)
C380,381	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
C382,383	254 4299 964	Electrolytic 47µF/16V	CE04W1C470MT(SRE)
C384,385	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
C386,387	254 4299 964	Electrolytic 47µF/16V	CE04W1C470MT(SRE)
C388,389	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
C390~392	254 4302 974	Electrolytic 100µF/10V	CE04W1A101MT(SRE)
C393,394	254 4299 964	Electrolytic 47µF/16V	CE04W1C470MT(SRE)
C395,396	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
⚠ C701	253 8022 707	Ceramic 0.01 µF/250V(AC)	CK45F2EAC103MC
C702	256 1058 971	Metalized 0.1µF/50V	CF93A1H104JT (JL)
C705	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT SMG/RE3
C706	254 4524 943	Electrolytic 1µF/50V	CE04W1H010MT SMG/RE3
C709	254 4403 721	Electrolytic 2200µF/25V	CE04W1E222MC (SMG)
C713	255 1265 936	Mylar film 0.01µF/50V	CQ93M1H103JT(B)
C715	254 4524 969	Electrolytic 3.3µF/50V	CE04W1H3R3MT SMG/RE3
C751~753	256 1042 903	Metalized 0.1µF/250V	CF93A2E104KT
C755	255 1265 936	Mylar film 0.01µF/50V	CQ93M1H103JT(B)
C760	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT SMG/RE3
C762,763	254 4524 972	Electrolytic 4.7µF/50V	CE04W1H4R7MT SMG/RE3
C766,767	254 4562 714	Electrolytic 100µF/100V	CE04W2A101MC(ARS/2)
C962	254 4538 939	Electrolytic 47µF/16V	CE04W1C470MT SMG/RE3
C963	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
C964	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT
C965	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT

Ref. No.	Part No.	Part Name	Remarks	Q'ty
C966	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3	
C967	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT	
C968	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT	

OTHER PARTS GROUP				Q'ty
⚠ AC701	203 3946 003	AC outlet (POLARIZED)	for EU,EC,EUT	1
CW730	203 5226 006	3P PH-SAN connector cord		1
CW731	203 5226 019	3P PH-SAN connector cord		1
CX021	205 0581 001	2P VH connector base	for E2,E1,E1C,EUT	1
CX022	205 0606 025	2P wrapping terminal		1
CX024	205 0581 001	2P VH connector base	for E2,E1	1
CX025	205 0606 025	2P wrapping terminal		1
CX031	205 0087 039	3P wrapping terminal		1
CX039	205 0087 039	3P wrapping terminal		1
CX042	205 0343 045	4P connector base (KR-PH)		1
CX052	205 0343 058	5P connector base (KR-PH)		1
CX086	205 1099 000	8P pin header (6035B)		1
CY069	205 0355 062	6P KR connector base (L)		1
CY941	205 0343 045	4P connector base (KR-PH)		1
⚠ F2	206 1051 009	Fuse 12A	for EU,EC,EUT	1
⚠ F2	206 1038 011	Fuse 6.3A	for E2,E1,E1C	1
⚠ F8	206 1046 014	Fuse 8A	for EU,EC,EUT	1
⚠ F8	206 1015 032	Fuse 2.5A	for E2,E1	1
FF702	EP-5870	Fuse holder	for EU,EC,EUT	1
FF703	202 0040 909	Fuse clip	for E2,E1,E1C	1
FF708	202 0040 909	Fuse clip	for EU,EC,E2,E1,EUT	1
FH702	EP-5870	Fuse holder	for EU,EC,EUT	1
FH703	202 0040 909	Fuse clip	for E2,E1,E1C	1
FH708	202 0040 909	Fuse clip	for EU,EC,E2,E1,EUT	1
JK371~373	204 8581 000	3P pin jack (NI-COM.V)		3
JK904,905	204 8260 004	Mini jack		2
JK951	204 8289 001	DC Power jack		1
RL701,702	214 0202 009	Relay DG1U TV-8		2
⚠ T701	233 6073 107	Power trans. (Mini)-E3	for EU,EC,EUT	1
⚠ T701	233 6058 025	Power trans. (Mini)-E2	for E2,E1	1
⚠ T701	233 6317 009	Power trans.	for E1C	1
W702,703	205 1034 007	M3 Screw terminal		2
W711~715	203 0678 002	1P SIN cord ass'y		5

Ref. No.	Part No.	Part Name	Remarks	Q'ty
	001 0121 076	Vinyl wire	JV19-JV24 for E2,E1	1
	415 0299 000	Condenser cover	for E2,E1,E1C	1
	513 2585 074	Fuse label	for E2,E1	1
	513 2654 057	Fuse label	for E2,E1,E1C	1

1U-3254F/G/H EXT IN UNIT

Ref. No.	Part No.	Part Name	Remarks
SEMICONDUCTORS GROUP			
IC505~508	262 2662 002	IC TC9459N	
IC601	263 0898 907	IC NJM5532MD(T1)	
IC603	263 0898 907	IC NJM5532MD(T1)	
IC605	263 0898 907	IC NJM5532MD(T1)	
IC607	263 0898 907	IC NJM5532MD(T1)	
IC801~803	263 0896 909	IC NJM2068MD-T1	for E2,E1,E1C,EUT
IC807	263 0896 909	IC NJM2068MD-T1	for E2,E1,E1C,EUT
IC901~904	263 0896 909	IC NJM2068MD-T1	
IC906	262 2667 007	IC TC9274N-012	
IC907	262 2725 004	IC TC9273N-015	for E2,E1,E1C,EUT
RESISTORS GROUP			
R509,510	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R519,520	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R529,530	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R539,540	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R601,602	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R605,606	247 0007 932	Carbon chip 910 ohm 1/10W	RM73B--911JT
R607,608	247 0009 914	Carbon chip 5.1 kohm 1/10W	RM73B--512JT
R613,614	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B--472JT
R619,620	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R623	247 0007 932	Carbon chip 910 ohm 1/10W	RM73B--911JT
R624	247 0007 990	Carbon chip 1.6 kohm 1/10W	RM73B--162JT
R625	247 0009 914	Carbon chip 5.1 kohm 1/10W	RM73B--512JT
R626	247 0010 929	Carbon chip 15 kohm 1/10W	RM73B--153JT
R631,632	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B--472JT
R635,636	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R639,640	247 0007 987	Carbon chip 1.5 kohm 1/10W	RM73B--152JT
R641,642	247 0009 969	Carbon chip 8.2 kohm 1/10W	RM73B--822JT
R647~650	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R653,654	247 0007 932	Carbon chip 910 ohm 1/10W	RM73B--911JT
R655,656	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B--472JT
R661,662	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R801,802	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B--471JT for E2,E1,E1C
R801,802	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT for EUT
R803~806	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT for E2,E1,E1C,EUT
R807,808	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B--470JT for E2,E1,E1C,EUT
R811,812	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT for E2,E1,E1C,EUT
R815,816	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT for E2,E1,E1C,EUT
R817	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B--471JT for E2,E1,E1C
R817	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT for EUT
R818	247 0010 945	Carbon chip 18 kohm 1/10W	RM73B--183JT for E2,E1,E1C,EUT
R819	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT for E2,E1,E1C,EUT
R820	247 0011 902	Carbon chip 33 kohm 1/10W	RM73B--333JT for E2,E1,E1C,EUT
R821	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT for E2,E1,E1C,EUT
R822	247 0013 984	Carbon chip 470 kohm 1/10W	RM73B--474JT for E2,E1,E1C,EUT
R823,824	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B--470JT for E2,E1,E1C,EUT
R827,828	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT for E2,E1,E1C,EUT
R831,832	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT for E2,E1,E1C,EUT
R833,834	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B--471JT for E2,E1,E1C
R833,834	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT for EUT
R835~838	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT for E2,E1,E1C,EUT
R839,840	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B--470JT for E2,E1,E1C,EUT
R843,844	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT for E2,E1,E1C,EUT
R847,848	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT for E2,E1,E1C,EUT
R849,850	247 0011 973	Carbon chip 62 kohm 1/10W	RM73B--623JT for E2,E1,E1C,EUT
R851,852	247 0013 984	Carbon chip 470 kohm 1/10W	RM73B--474JT for E2,E1,E1C,EUT
R853,854	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B--471JT for E2,E1,E1C,EUT
R855,856	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B--101JT for E2,E1,E1C,EUT
R857,858	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B--473JT for E2,E1,E1C,EUT
R859	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT for E2,E1,E1C,EUT
R901,902	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT for EU,EC,EUT
R901,902	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B--471JT for E2,E1,E1C
R903~906	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R907,908	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B--470JT
R911,912	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT

Ref. No.	Part No.	Part Name	Remarks
R915,916	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R917	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
			for EU,EC,EUT
R917	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B--471JT
			for E2,E1,E1C
R918	247 0010 945	Carbon chip 18 kohm 1/10W	RM73B--183JT
R919	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R920	247 0011 902	Carbon chip 33 kohm 1/10W	RM73B--333JT
R921	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R922	247 0013 984	Carbon chip 470 kohm 1/10W	RM73B--474JT
R923,924	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B--470JT
R927,928	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R931,932	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R933,934	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
			for EU,EC,EUT
R933,934	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B--471JT
			for E2,E1,E1C
R935~938	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R939,940	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B--470JT
R943,944	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R947,948	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R949,950	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
			for EU,EC,EUT
R949,950	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B--471JT
			for E2,E1,E1C
R951~954	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R955,956	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B--470JT
R959,960	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R963,964	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R965~970	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
			for EU,EC
R973	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
CAPACITORS GROUP			
C509,510	254 4524 998	Electrolytic 22µF/50V	CE04W1H220MT SMG/RE3
C519,520	254 4524 998	Electrolytic 22µF/50V	CE04W1H220MT SMG/RE3
C529,530	254 4524 998	Electrolytic 22µF/50V	CE04W1H220MT SMG/RE3
C539,540	254 4524 998	Electrolytic 22µF/50V	CE04W1H220MT SMG/RE3
C601,602	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT SMG/RE3
C609,610	254 4525 926	Electrolytic 100µF/50V	CE04W1H101MT SMG/RE3
C611,612	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT SMG/RE3
C619,620	254 4525 926	Electrolytic 100µF/50V	CE04W1H101MT SMG/RE3
C621,622	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT SMG/RE3
C629~632	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT SMG/RE3
C639,640	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT SMG/RE3
C641,642	254 4557 936	Electrolytic 10µF/50V	CE04W1H100MT(ARS/2)
C643,644	254 4524 943	Electrolytic 1µF/50V	CE04W1H010MT SMG/RE3
C645,646	254 4557 936	Electrolytic 10µF/50V	CE04W1H100MT(ARS/2)
C647,648	254 4524 943	Electrolytic 1µF/50V	CE04W1H010MT SMG/RE3

Ref. No.	Part No.	Part Name	Remarks
C801,802	257 0005 986	Ceramic chip 330pF/50V	CC73SL1H331JT
			for E2,E1,E1C
C803,804	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT SMG/RE3
			for E2,E1,E1C,EUT
C809,810	254 4524 998	Electrolytic 22µF/50V	CE04W1H220MT SMG/RE3
			for E2,E1,E1C,EUT
C811,812	254 4524 943	Electrolytic 1µF/50V	CE04W1H010MT SMG/RE3
			for E2,E1,E1C,EUT
C813	257 0005 986	Ceramic chip 330pF/50V	CC73SL1H331JT
			for E2,E1,E1C
C814	257 0003 946	Ceramic chip 33pF/50V	CC73SL1H330JT
			for E2,E1,E1C
C815,816	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT SMG/RE3
			for E2,E1,E1C,EUT
C821,822	254 4524 998	Electrolytic 22µF/50V	CE04W1H220MT SMG/RE3
			for E2,E1,E1C,EUT
C823,824	257 0005 986	Ceramic chip 330pF/50V	CC73SL1H331JT
			for E2,E1,E1C
C825,826	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT SMG/RE3
C831,832	254 4524 998	Electrolytic 22µF/50V	CE04W1H220MT SMG/RE3
C834	254 4524 943	Electrolytic 1µF/50V	CE04W1H010MT SMG/RE3
C835,836	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT
C837,838	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT SMG/RE3
C841~844	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT SMG/RE3
C901,902	257 0005 986	Ceramic chip 330pF/50V	CC73SL1H331JT
			for E2,E1,E1C
C903,904	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT SMG/RE3
C909,910	254 4524 998	Electrolytic 22µF/50V	CE04W1H220MT SMG/RE3
C911	257 0005 986	Ceramic chip 330pF/50V	CC73SL1H331JT
			for E2,E1,E1C
C912	257 0003 946	Ceramic chip 33pF/50V	CC73SL1H330JT
			for E2,E1,E1C
C913,914	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT SMG/RE3
C919,920	254 4524 998	Electrolytic 22µF/50V	CE04W1H220MT SMG/RE3
C921,922	257 0005 986	Ceramic chip 330pF/50V	CC73SL1H331JT
			for E2,E1,E1C
C923,924	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT SMG/RE3
C929,930	254 4524 998	Electrolytic 22µF/50V	CE04W1H220MT SMG/RE3
C931,932	257 0005 986	Ceramic chip 330pF/50V	CC73SL1H331JT
			for E2,E1,E1C
C933,934	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT SMG/RE3
C939,940	254 4524 998	Electrolytic 22µF/50V	CE04W1H220MT SMG/RE3
C941,942	254 4524 943	Electrolytic 1µF/50V	CE04W1H010MT SMG/RE3
C944	254 4524 943	Electrolytic 1µF/50V	CE04W1H010MT SMG/RE3
C946	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT SMG/RE3
			for E2,E1,E1C,EUT
C948	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT SMG/RE3
			for E2,E1,E1C,EUT
C952,953	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT SMG/RE3

1U-3288F/G DSP UNIT

Ref. No.	Part No.	Part Name	Remarks	Q'ty
OTHER PARTS GROUP				
CW061	205 0942 019	6P connector socket (TUC-P)		1
CW083	205 0885 095	8P connector socket (TUC-P)		1
CW114,115	205 0885 066	11P connector socket (TUC-P)		2
CW122	205 0885 079	12P connector socket (TUC-P)		1
CW154	205 0885 040	15P connector socket (TUC-P)		1
CY063	205 0343 061	6P connector base (KR-PH)	for E2,E1,E1C,EUT	1
JK801	204 8562 003	2P pin jack (S-GND)	for E2,E1,E1C,EUT	1
JK901	204 8513 010	6P pin jack (S-GND)	for E2,E1,E1C,EUT	1
JK902,903	204 8545 004	4P pin jack (GND)		2

Ref. No.	Part No.	Part Name	Remarks
SEMICONDUCTORS GROUP			
IC102	262 2519 906	IC SN74LV00APW-EL2	
IC103	262 2673 004	IC ADSST-21061LKS-176	
IC105	262 2518 907	IC SN74LV74APW-EL2	
IC108	262 2611 008	IC TC55V1664BFT-12	
IC109	262 2504 908	IC TC74VHC02FT-TP1	
IC110	262 2673 004	IC ADSST-21061LKS-176	
IC111	262 2606 903	IC SN74AHCT573PW	
IC112	262 2611 008	IC TC55V1664BFT-12	
IC113	262 2610 902	IC SN74LV573APW	
IC114	262 2520 908	IC TC74VHC541FT-TP1	
IC115	262 2671 909	IC HG-8002JA44MHZPCCX	
IC116	262 2503 909	IC TC74VHCT541AFT-TP1	
IC119	262 2779 005	IC LH28F800BVE-BTL90	
IC120	262 2630 005	IC MSM32R0050-521GS	
IC122	262 2519 906	IC SN74LV00APW-EL2	
IC301	262 2615 004	IC TMP93CS41F	
IC302	262 2610 902	IC SN74LV573APW	
IC303	262 2632 003	IC W29EE011P-90	
IC501~505	269 0178 007	Optical connector GP1F37R1	
IC506	269 0177 008	Optical connector GP1F38T2	
IC507	263 1075 004	IC TK15420D	for E2,E1,E1C,EUT
IC509,510	262 2386 906	IC SN74HC151NS(TAPE)	
IC511	263 0687 901	IC BA4560F-E2	for E2,E1,E1C,EUT
IC512	262 2372 004	IC PM4007A	for E2,E1,E1C,EUT
IC513	262 2386 906	IC SN74HC151NS(TAPE)	
IC516	262 2371 908	IC BR62256F-70LL	for E2,E1,E1C,EUT
IC517	262 2608 901	IC TC74VHC123AFT	
IC523	262 2608 901	IC TC74VHC123AFT	
IC524	262 2519 906	IC SN74LV00APW-EL2	
IC525	262 2609 900	IC SN74AHC157PW	
IC527	262 2426 905	IC AK5351-VF	
IC528	399 0575 008	Crystal 12.287 MHz	
IC529	262 2519 906	IC SN74LV00APW-EL2	
IC530	262 2557 900	IC SN74LV14APW-EL2	
IC531	262 2675 015	IC LC89055W-RA8	
IC532	262 2557 900	IC SN74LV14APW-EL2	
IC651,652	263 0934 900	IC BA4510F-E2	
TR301	271 0291 903	Transistor 2SA1182Y/O(TE85L)	
TR302	269 0082 902	Transistor DTC114EKT96	
TR303,304	269 0054 901	Transistor DTC144EKT96	
TR305	269 0082 902	Transistor DTC114EKT96	
TR501	274 0163 904	Transistor 2SD601A	for E2,E1,E1C,EUT
TR502	272 0125 904	Transistor 2SB709A	for E2,E1,E1C,EUT
TR503,504	274 0163 904	Transistor 2SD601A	for E2,E1,E1C,EUT
TR505	272 0125 904	Transistor 2SB709A	for E2,E1,E1C,EUT
TR506	273 0384 900	Transistor 2SC2412KT96(S)	for E2,E1,E1C,EUT

Ref. No.	Part No.	Part Name	Remarks
D501	276 0559 909	Diode DAP202KT146	for E2,E1,E1C,EUT
D502	276 0663 905	Diode KV1851-TL	for E2,E1,E1C,EUT
D655	276 0559 909	Diode DAP202KT146	
RESISTORS GROUP			
R101	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R102~106	247 2018 903	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R107,108	247 2003 989	Carbon chip 33 ohm 1/10W	RM73B--330JT
R109	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R110~131	247 2003 989	Carbon chip 33 ohm 1/10W	RM73B--330JT
R132	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R133~135	247 2003 989	Carbon chip 33 ohm 1/10W	RM73B--330JT
R136	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R137~140	247 2003 989	Carbon chip 33 ohm 1/10W	RM73B--330JT
R141	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R142~152	247 2003 989	Carbon chip 33 ohm 1/10W	RM73B--330JT
R153	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R154	247 2003 989	Carbon chip 33 ohm 1/10W	RM73B--330JT
R156~158	247 2003 989	Carbon chip 33 ohm 1/10W	RM73B--330JT
R160	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R161~177	247 2003 989	Carbon chip 33 ohm 1/10W	RM73B--330JT
R179	247 2003 989	Carbon chip 33 ohm 1/10W	RM73B--330JT
R180	247 2004 920	Carbon chip 47 ohm 1/10W	RM73B--470JT
R181	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R182~187	247 2018 903	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R188	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R189~231	247 2003 989	Carbon chip 33 ohm 1/10W	RM73B--330JT
R233~235	247 2003 989	Carbon chip 33 ohm 1/10W	RM73B--330JT
R238~242	247 2003 989	Carbon chip 33 ohm 1/10W	RM73B--330JT
R244	247 2004 920	Carbon chip 47 ohm 1/10W	RM73B--470JT
R245~256	247 2003 989	Carbon chip 33 ohm 1/10W	RM73B--330JT
R260,261	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B--470JT
R265	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R267~273	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R276,277	247 2009 983	Carbon chip 10 kohm 1/10W	RM73B--103JT
R279,280	247 2004 920	Carbon chip 47 ohm 1/10W	RM73B--470JT
R282~287	247 2004 920	Carbon chip 47 ohm 1/10W	RM73B--470JT
R288,289	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R290	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B--472JT
R295	247 2018 903	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R296~299	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R301,302	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R303	247 2003 989	Carbon chip 33 ohm 1/10W	RM73B--330JT
R304	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B--472JT
R305,306	247 2003 989	Carbon chip 33 ohm 1/10W	RM73B--330JT
R307	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R308	247 2003 989	Carbon chip 33 ohm 1/10W	RM73B--330JT
R309	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R311,312	247 2003 989	Carbon chip 33 ohm 1/10W	RM73B--330JT

Ref. No.	Part No.	Part Name	Remarks
R313	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R314~327	247 2003 989	Carbon chip 33 ohm 1/10W	RM73B--330JT
R328	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R330	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R332	247 2018 903	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R335	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R337	247 2011 942	Carbon chip 47 kohm 1/10W	RM73B--473JT
R338	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R340	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R341,342	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B--473JT
R343,344	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B--472JT
R345	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT for EU,EC
R346	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R501	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B--102JT for E2,E1,E1C,EUT
R502	247 0006 988	Carbon chip 560 ohm 1/10W	RM73B--561JT for E2,E1,E1C,EUT
R503	247 0004 993	Carbon chip 91 ohm 1/10W	RM73B--910JT for E2,E1,E1C,EUT
R504~506	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B--102JT for E2,E1,E1C,EUT
R507~511	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B--472JT
R512	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B--102JT for E2,E1,E1C,EUT
R513	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT for E2,E1,E1C,EUT
R514,515	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B--102JT for E2,E1,E1C,EUT
R516	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B--472JT for E2,E1,E1C,EUT
R517	247 0008 902	Carbon chip 1.8 kohm 1/10W	RM73B--182JT for E2,E1,E1C,EUT
R518	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B--102JT for E2,E1,E1C,EUT
R519	247 0005 947	Carbon chip 150 ohm 1/10W	RM73B--151JT for E2,E1,E1C,EUT
R520	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B--472JT for E2,E1,E1C,EUT
R521,522	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT for E2,E1,E1C,EUT
R523	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B--102JT for E2,E1,E1C,EUT
R524	247 0008 928	Carbon chip 2.2 kohm 1/10W	RM73B--222JT for E2,E1,E1C,EUT
R525	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B--102JT for E2,E1,E1C,EUT
R526	247 0008 960	Carbon chip 3.3 kohm 1/10W	RM73B--332JT for E2,E1,E1C,EUT
R527	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B--472JT for E2,E1,E1C,EUT

Ref. No.	Part No.	Part Name	Remarks
R528	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B--102JT
			for E2,E1,E1C,EUT
R529	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B--470JT
R530	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B--472JT
			for E2,E1,E1C,EUT
R531	247 0008 986	Carbon chip 3.9 kohm 1/10W	RM73B--392JT
			for E2,E1,E1C,EUT
R532,533	247 2009 983	Carbon chip 10 kohm 1/10W	RM73B--103JT
			for E2,E1,E1C,EUT
R535~537	247 2009 983	Carbon chip 10 kohm 1/10W	RM73B--103JT
			for E2,E1,E1C,EUT
R538	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
			for E2,E1,E1C,EUT
R539	247 0009 969	Carbon chip 8.2 kohm 1/10W	RM73B--822JT
			for E2,E1,E1C,EUT
R540,541	247 2009 983	Carbon chip 10 kohm 1/10W	RM73B--103JT
			for E2,E1,E1C,EUT
R542	247 0011 986	Carbon chip 68 kohm 1/10W	RM73B--683JT
			for E2,E1,E1C,EUT
R543	247 0010 987	Carbon chip 27 kohm 1/10W	RM73B--273JT
			for E2,E1,E1C,EUT
R544	247 2009 983	Carbon chip 10 kohm 1/10W	RM73B--103JT
			for E2,E1,E1C,EUT
R545	247 2018 903	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
			for E2,E1,E1C,EUT
R546	247 2009 983	Carbon chip 10 kohm 1/10W	RM73B--103JT
			for E2,E1,E1C,EUT
R547,548	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
			for E2,E1,E1C,EUT
R549	247 2009 983	Carbon chip 10 kohm 1/10W	RM73B--103JT
			for E2,E1,E1C,EUT
R550	247 0005 921	Carbon chip 120 ohm 1/10W	RM73B--121JT
			for E2,E1,E1C,EUT
R551~553	247 2009 983	Carbon chip 10 kohm 1/10W	RM73B--103JT
			for E2,E1,E1C,EUT
R554	247 2018 903	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
			for E2,E1,E1C,EUT
R555	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B--473JT
			for E2,E1,E1C,EUT
R556~560	247 2018 903	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
			for E2,E1,E1C,EUT
R561,562	247 2009 983	Carbon chip 10 kohm 1/10W	RM73B--103JT
			for E2,E1,E1C,EUT
R563	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B--473JT
			for E2,E1,E1C,EUT
R564,565	247 2009 983	Carbon chip 10 kohm 1/10W	RM73B--103JT
			for E2,E1,E1C,EUT
R566	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B--473JT
			for E2,E1,E1C,EUT
R567	247 2004 920	Carbon chip 47 ohm 1/10W	RM73B--470JT
			for E2,E1,E1C,EUT

Ref. No.	Part No.	Part Name	Remarks
R568	247 2009 983	Carbon chip 10 kohm 1/10W	RM73B--103JT
			for E2,E1,E1C,EUT
R569	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B--473JT
			for E2,E1,E1C,EUT
R570	247 2009 983	Carbon chip 10 kohm 1/10W	RM73B--103JT
			for E2,E1,E1C,EUT
R571~589	247 2018 903	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
			for E2,E1,E1C,EUT
R591~594	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B--470JT
R595	247 0014 967	Carbon chip 1 Mohm 1/10W	RM73B--105JT
R596	247 0009 969	Carbon chip 8.2 kohm 1/10W	RM73B--822JT
R597	247 0008 957	Carbon chip 3 kohm 1/10W	RM73B--302JT
R598	247 0009 914	Carbon chip 5.1 kohm 1/10W	RM73B--512JT
R599	247 0004 977	Carbon chip 75 ohm 1/10W	RM73B--750JT
R601	247 0011 960	Carbon chip 56 kohm 1/10W	RM73B--563JT
R602	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R606	247 0011 902	Carbon chip 33 kohm 1/10W	RM73B--333JT
R611~613	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B--470JT
R614	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R621~624	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B--470JT
R625	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R626~629	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B--470JT
R630	247 0003 981	Carbon chip 33 ohm 1/10W	RM73B--330JT
R631	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R632	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B--470JT
R633,634	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R651~654	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B--472JT
R655,656	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B--473JT
R657,658	247 0010 916	Carbon chip 13 kohm 1/10W	RM73B--133JT
R659,660	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R661,662	247 0008 999	Carbon chip 4.3 kohm 1/10W	RM73B--432JT
R663~666	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B--472JT
R667~670	247 0006 920	Carbon chip 330 ohm 1/10W	RM73B--331JT
R671~673	247 2018 903	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R676	247 2004 920	Carbon chip 47 ohm 1/10W	RM73B--470JT
R677	247 2009 983	Carbon chip 10 kohm 1/10W	RM73B--103JT
R678	247 2004 920	Carbon chip 47 ohm 1/10W	RM73B--470JT
R679	247 2018 903	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R681	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
CAPACITORS GROUP			
C101	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT
C102	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C103	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C104	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT
C105	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C106	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C107	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C108	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C109,110	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C111	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT

Ref. No.	Part No.	Part Name	Remarks
C112,113	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT
C114,115	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C116,117	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C118	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C119,120	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT
C121	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C123	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C124,125	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C126	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT
C127	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C128	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C129	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT
C130	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C131	254 4533 950	Electrolytic 470μF/6.3V	CE04W0J471MT SMG/RE3
C132	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C134	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT
C135	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C136	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C137	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT
C138	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C139	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C140	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C141	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C142,143	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C144,145	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C146,147	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT
C148	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C149	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C150,151	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C152,153	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C154,155	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT
C156	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C157,158	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C159	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C160	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT
C161	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C162	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C163	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT
C164	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C165	254 4503 906	Electrolytic 220μF/4V	CE67C0G221MT
C166	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C167,168	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C169	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT
C170	254 4464 906	Electrolytic 100μF/6.3V	CE67C0J101MT
C177	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C180	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C181~184	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C187~191	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C192	254 4503 906	Electrolytic 220μF/4V	CE67C0G221MT
C301,302	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C305	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT

Ref. No.	Part No.	Part Name	Remarks
C306	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C307	254 4466 917	Electrolytic 1μF/50V	CE67C1H010MT
C308	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C309	254 4466 917	Electrolytic 1μF/50V	CE67C1H010MT
C310	254 4464 906	Electrolytic 100μF/6.3V	CE67C0J101MT
C311	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C501,502	257 0011 996	Ceramic chip 0.1μF/25V	CK73B1E104KT
C503	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C504	257 0011 996	Ceramic chip 0.1μF/25V	CK73B1E104KT
C505	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C506	257 0011 996	Ceramic chip 0.1μF/25V	CK73B1E104KT
C507,508	254 3056 946	Electrolytic 4.7μF/50V	CE04D1H4R7MBPT (SME)
			for EU,EC
C507,508	254 4304 927	Electrolytic 4.7μF/35V	CE04W1V4R7MT(SRE)
			for E2,E1,E1C,EUT
C509	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
			for E2,E1,E1C,EUT
C510	257 0011 941	Ceramic chip 0.022μF/25V	CK73B1E223KT
			for E2,E1,E1C,EUT
C511	257 0011 996	Ceramic chip 0.1μF/25V	CK73B1E104KT
			for E2,E1,E1C,EUT
C512	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT
			for E2,E1,E1C,EUT
C513~515	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
			for E2,E1,E1C,EUT
C516	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT
			for E2,E1,E1C,EUT
C517,518	254 4299 906	Electrolytic 10μF/16V	CE04W1C100MT(SRE)
			for E2,E1,E1C,EUT
C519	257 0004 932	Ceramic chip 75pF/50V	CC73SL1H750JT
			for E2,E1,E1C,EUT
C520	257 0010 900	Ceramic chip 0.01μF/50V	CK73B1H103KT
			for E2,E1,E1C,EUT
C521,522	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
			for E2,E1,E1C,EUT
C523,524	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C525	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
			for E2,E1,E1C,EUT
C526,527	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C528	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
			for E2,E1,E1C,EUT
C529	254 3056 917	Electrolytic 1μF/50V	CE04D1H010MBPT (SME)
			for E2,E1,E1C,EUT
C530	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
			for E2,E1,E1C,EUT
C531	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
			for E2,E1,E1C,EUT
C532	254 3056 917	Electrolytic 1μF/50V	CE04D1H010MBPT (SME)
			for E2,E1,E1C,EUT
C533,534	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
			for E2,E1,E1C,EUT

Ref. No.	Part No.	Part Name	Remarks
C535	254 4299 906	Electrolytic 10µF/16V	CE04W1C100MT(SRE)
			for E2,E1,E1C,EUT
C536,537	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104ZT
			for E2,E1,E1C,EUT
C538	257 0012 982	Ceramic chip 0.022µF/50V	CK73F1H223ZT
			for E2,E1,E1C,EUT
C539	254 4299 906	Electrolytic 10µF/16V	CE04W1C100MT(SRE)
			for E2,E1,E1C,EUT
C540	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104ZT
			for E2,E1,E1C,EUT
C541,542	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
C543~545	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104ZT
			for E2,E1,E1C,EUT
C546	254 3053 936	Electrolytic 47µF/16V	CE04D1C470MBPT (SME)
			for E2,E1,E1C,EUT
C547	257 0001 980	Ceramic chip 6pF/50V	CC73SL1H6R0DT
			for E2,E1,E1C,EUT
C548	254 4302 974	Electrolytic 100µF/10V	CE04W1A101MT(SRE)
			for E2,E1,E1C,EUT
C549	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
			for E2,E1,E1C,EUT
C550	257 0010 900	Ceramic chip 0.01µF/50V	CK73B1H103KT
			for E2,E1,E1C,EUT
C552	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
			for E2,E1,E1C,EUT
C553	257 0010 900	Ceramic chip 0.01µF/50V	CK73B1H103KT
			for E2,E1,E1C,EUT
C554	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104ZT
			for E2,E1,E1C,EUT
C555	254 4299 906	Electrolytic 10µF/16V	CE04W1C100MT(SRE)
			for E2,E1,E1C,EUT
C556	254 4299 906	Electrolytic 10µF/16V	CE04W1C100MT(SRE)
			for E2,E1,E1C,EUT
C557	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104ZT
			for E2,E1,E1C,EUT
C562	254 4466 917	Electrolytic 1µF/50V	CE67C1H010MT
C563	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT
C564~567	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104ZT
C568	257 0010 900	Ceramic chip 0.01µF/50V	CK73B1H103KT
C569	257 0011 996	Ceramic chip 0.1µF/25V	CK73B1E104KT
C570	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104ZT
C572,573	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
C576	257 0005 986	Ceramic chip 330pF/50V	CC73SL1H331JT
C581	254 4466 904	Electrolytic 0.47µF/50V	CE67C1HR47MT
C584~589	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
C594	254 4466 904	Electrolytic 0.47µF/50V	CE67C1HR47MT
C595	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104ZT
C597	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104ZT
C598	254 4465 921	Electrolytic 10µF/16V	CE67C1C100MT
C599	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104ZT
C600	254 4465 921	Electrolytic 10µF/16V	CE67C1C100MT

Ref. No.	Part No.	Part Name	Remarks
C601	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104ZT
C602~604	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
C605	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT
C606	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
C607	254 4464 906	Electrolytic 100µF/6.3V	CE67C0J101MT
C608	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT
C609	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104ZT
C610	254 4465 921	Electrolytic 10µF/16V	CE67C1C100MT
C651,652	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104ZT
C653~656	254 4465 921	Electrolytic 10µF/16V	CE67C1C100MT
C657,658	257 4010 906	Electrolytic 100µF/16V	CE67C1C101MT
C659,660	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT
C661,662	254 4465 921	Electrolytic 10µF/16V	CE67C1C100MT
C663,664	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT
C665,666	254 4465 921	Electrolytic 10µF/16V	CE67C1C100MT
C667,668	257 0007 942	Ceramic chip 1500pF/50V	CC73SL1H152JT
C669	257 0010 900	Ceramic chip 0.01µF/50V	CK73B1H103KT
C670	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104ZT

OTHER PARTS GROUP				Q'ty
BF201	261 0152 003	Band pass filter 2.88MHz (5VLT)	for E2,E1,E1C,EUT	1
CX054	205 0343 058	5P connector base (KR-PH)		1
CX064	205 0355 062	6P KR connector base (L)		1
CX107,108	205 0986 017	10P connector plug (TKC-A)		2
CX124	205 0480 021	12P KR connector base (L)		1
CX137	205 0480 034	13P KR connector base (L)		1
FB107	235 0130 903	Chip emifil (11A121)		1
FB109,110	235 0130 903	Chip emifil (11A121)		2
FB113~115	235 0130 903	Chip emifil (11A121)		3
FB116	235 0130 903	Chip emifil (11A121)	for E2,E1,E1C,EUT	1
FB117~119	235 0130 903	Chip emifil (11A121)		3
FB301~312	235 0130 903	Chip emifil (11A121)		12
FB501~509	235 0130 903	Chip emifil (11A121)		9
JK501	204 8604 000	1P pin jack (S-GND)	for E2,E1,E1C,EUT	1
L501	235 0070 953	Inductor 68µH	for E2,E1,E1C,EUT	1
ST501	205 0452 004	Style pin		1
X302	399 0532 902	Ceramic 12.5 MHz		1
X501	399 0402 003	Crystal 18.432 MHz	for E2,E1,E1C,EUT	1
	207 0020 005	IC socket	for IC119	1
	207 0021 004	IC socket	for IC303	1

1U-3274F D/A UNIT

Ref. No.	Part No.	Part Name	Remarks
SEMICONDUCTORS GROUP			
IC301	262 2284 901	IC TC74HCT157AF(TP1)	
IC302	262 2576 907	IC SN74HC74NS(TAPE)	
IC303	262 2284 901	IC TC74HCT157AF(TP1)	
IC304~307	262 2768 906	IC AD1854KRSRL	
IC701~704	263 0896 909	IC NJM2068MD-T1	
IC801~804	263 0898 907	IC NJM5532MD(T1)	
TR301,302	269 0082 902	Transistor DTC114EKT96	
TR303	269 0083 901	Transistor DTA114EKT96	
TR304	269 0082 902	Transistor DTC114EKT96	
TR305~317	269 0083 901	Transistor DTA114EKT96	
TR500	269 0055 900	Transistor DTA144EKT96	
TR501,502	269 0054 901	Transistor DTC144EKT96	
TR703,704	273 0414 906	Transistor 2SC3326(A/B)	
TR707,708	273 0414 906	Transistor 2SC3326(A/B)	
TR711,712	273 0414 906	Transistor 2SC3326(A/B)	
TR715,716	273 0414 906	Transistor 2SC3326(A/B)	
TR801,802	273 0414 906	Transistor 2SC3326(A/B)	
TR805,806	273 0414 906	Transistor 2SC3326(A/B)	
TR817~820	275 0100 902	Transistor 2SK771-5-TB	
D317~320	276 0438 949	Diode MA151WK (TAPE)	
D801,802	276 0438 949	Diode MA151WK (TAPE)	
RESISTORS GROUP			
R301~307	247 0003 981	Carbon chip 33 ohm 1/10W	RM73B--330JT
R308,309	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R310	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R312	247 2011 942	Carbon chip 47 kohm 1/10W	RM73B--473JT
R313~315	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R316	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B--472JT
R317	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R318,319	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R320	247 2011 942	Carbon chip 47 kohm 1/10W	RM73B--473JT
R321~323	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R324	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B--472JT
R325	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R326,327	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R328	247 2011 942	Carbon chip 47 kohm 1/10W	RM73B--473JT
R329~331	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R332	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B--472JT
R333	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R334,335	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R336	247 2011 942	Carbon chip 47 kohm 1/10W	RM73B--473JT
R337~339	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT

Ref. No.	Part No.	Part Name	Remarks
R340	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B--472JT
R341	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R342,343	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R344	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B--102JT
R353~355	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B--102JT
R356	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R512	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R513	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R516~519	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R703~706	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R707,708	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R709,710	247 0010 990	Carbon chip 30 kohm 1/10W	RM73B--303JT
R711,712	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R713,714	247 0010 990	Carbon chip 30 kohm 1/10W	RM73B--303JT
R715,716	247 0011 902	Carbon chip 33 kohm 1/10W	RM73B--333JT
R719~722	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R723~730	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B--223JT
R731,732	247 0011 902	Carbon chip 33 kohm 1/10W	RM73B--333JT
R735~738	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R741	247 0009 956	Carbon chip 7.5 kohm 1/10W	RM73B--752JT
R742	247 0010 958	Carbon chip 20 kohm 1/10W	RM73B--203JT
R743	247 0009 956	Carbon chip 7.5 kohm 1/10W	RM73B--752JT
R744	247 0010 958	Carbon chip 20 kohm 1/10W	RM73B--203JT
R751~754	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R757~760	247 0009 969	Carbon chip 8.2 kohm 1/10W	RM73B--822JT
R765,766	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R767~770	247 0005 989	Carbon chip 220 ohm 1/10W	RM73B--221JT
R771,772	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B--102JT
R775,776	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R777~780	247 0005 989	Carbon chip 220 ohm 1/10W	RM73B--221JT
R781,782	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B--102JT
R785,786	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R787~790	247 0005 989	Carbon chip 220 ohm 1/10W	RM73B--221JT
R791	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B--102JT
R792	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R795,796	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R797~800	247 0005 989	Carbon chip 220 ohm 1/10W	RM73B--221JT
R801,802	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B--102JT
R805,806	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B--102JT
R811,812	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R813,814	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B--101JT
R817,818	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B--102JT
R823,824	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R825,826	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B--101JT
R829	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B--102JT
R830	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R832	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B--472JT
R835	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R836	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B--472JT

Ref. No.	Part No.	Part Name	Remarks
R837,838	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B--101JT
R841,842	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B--102JT
R847,848	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R849,850	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B--101JT
R861~868	247 2008 926	Carbon chip 2.2 kohm 1/10W	RM73B--222JT
R869~872	247 2010 969	Carbon chip 22 kohm 1/10W	RM73B--223JT
R885	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
R887~894	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
CAPACITORS GROUP			
C301	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT
C303~305	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
C307	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT
C308	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
C309,310	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT SMG/RE3
C311	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
C312	254 4557 936	Electrolytic 10µF/50V	CE04W1H100MT(ARS/2)
C314	254 4557 936	Electrolytic 10µF/50V	CE04W1H100MT(ARS/2)
C315	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT
C316	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
C317,318	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT SMG/RE3
C319	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
C320	254 4557 936	Electrolytic 10µF/50V	CE04W1H100MT(ARS/2)
C322	254 4557 936	Electrolytic 10µF/50V	CE04W1H100MT(ARS/2)
C324	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
C325,326	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT SMG/RE3
C327	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
C328	254 4557 936	Electrolytic 10µF/50V	CE04W1H100MT(ARS/2)
C330	254 4557 936	Electrolytic 10µF/50V	CE04W1H100MT(ARS/2)
C332	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
C333,334	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT SMG/RE3
C335	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
C336	254 4557 936	Electrolytic 10µF/50V	CE04W1H100MT(ARS/2)
C338	254 4557 936	Electrolytic 10µF/50V	CE04W1H100MT(ARS/2)
C339~342	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT
C343	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT
C503	254 4524 943	Electrolytic 1µF/50V	CE04W1H010MT SMG/RE3
C701~704	241 2382 903	Carbon film 8.2 kohm 1/4W(NB)	RD14B2E822JNBST
C709~712	255 4242 943	Mylar film 33pF/100V	CQ93P2A330JT(NH)
C713,714	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT SMG/RE3
C717~720	241 2382 903	Carbon film 8.2 kohm 1/4W(NB)	RD14B2E822JNBST
C725~728	255 4242 943	Mylar film 33pF/100V	CQ93P2A330JT(NH)
C729,730	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT SMG/RE3
C733~736	241 2382 903	Carbon film 8.2 kohm 1/4W(NB)	RD14B2E822JNBST
C741~744	255 4200 901	Mylar film 100pF/50V	CQ93P1H101JT
C745,746	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT SMG/RE3
C749~752	241 2382 903	Carbon film 8.2 kohm 1/4W(NB)	RD14B2E822JNBST
C757~760	255 4200 901	Mylar film 100pF/50V	CQ93P1H101JT
C761,762	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT SMG/RE3
C765,766	254 4524 998	Electrolytic 22µF/50V	CE04W1H220MT SMG/RE3

Ref. No.	Part No.	Part Name	Remarks	Q'ty
C767,768	255 1264 908	Mylar film 1000pF/50V	CQ93M1H102JT(B)	
C769,770	254 4524 998	Electrolytic 22µF/50V	CE04W1H220MT SMG/RE3	
C771,772	255 1264 908	Mylar film 1000pF/50V	CQ93M1H102JT(B)	
C773,774	254 4524 998	Electrolytic 22µF/50V	CE04W1H220MT SMG/RE3	
C775	255 1264 908	Mylar film 1000pF/50V	CQ93M1H102JT(B)	
C776	256 1058 939	Metalized 0.047µF/50V	CF93A1H473JT (JL)	
C777,778	254 4524 998	Electrolytic 22µF/50V	CE04W1H220MT SMG/RE3	
C779,780	255 1264 908	Mylar film 1000pF/50V	CQ93M1H102JT(B)	
C803,804	255 1264 908	Mylar film 1000pF/50V	CQ93M1H102JT(B)	
C805,806	254 4524 998	Electrolytic 22µF/50V	CE04W1H220MT SMG/RE3	
C809,810	255 1264 908	Mylar film 1000pF/50V	CQ93M1H102JT(B)	
C811,812	254 4524 998	Electrolytic 22µF/50V	CE04W1H220MT SMG/RE3	
C815	255 1264 908	Mylar film 1000pF/50V	CQ93M1H102JT(B)	
C816	255 1265 994	Mylar film 0.033µF/50V	CQ93M1H333JT(B)	
C817,818	254 4524 998	Electrolytic 22µF/50V	CE04W1H220MT SMG/RE3	
C821,822	255 1264 908	Mylar film 1000pF/50V	CQ93M1H102JT(B)	
C823,824	254 4524 998	Electrolytic 22µF/50V	CE04W1H220MT SMG/RE3	
C829~832	254 4524 901	Electrolytic 0.1µF/50V	CE04W1H0R1MT SMG/RE3	
C849	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT	
C859~866	255 1265 952	Mylar film 0.015µF/50V	CQ93M1H153JT(B)	
OTHER PARTS GROUP				Q'ty
CW107,108	205 0985 018	10P connector socket (TKC-A)		2
CX085	205 0343 087	8P connector base (KR-PH)		1
CX143	205 0375 042	14P connector base (KR-PH)		1
FB301	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT	1
FB303,304	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT	2
FB307	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT	1
FB326	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B--0R0KT	1

1U-3275F/G TONE PREOUT UNIT

Ref. No.	Part No.	Part Name	Remarks
SEMICONDUCTORS GROUP			
IC401	499 0290 007	Remocon sensor GP1U271X	
IC471	262 2384 908	IC SN74HCU04NS(TAPE)	
IC601	263 0898 907	IC NJM5532MD(T1)	
IC602	262 2616 003	IC TC9184AP	
IC603	263 0898 907	IC NJM5532MD(T1)	
IC604	262 2616 003	IC TC9184AP	
IC609	263 0615 902	IC BA15218F-DXE2	
IC701~704	263 0896 909	IC NJM2068MD-T1	
IC705	262 2034 009	IC TC9273N-007	
IC801	263 0896 909	IC NJM2068MD-T1	
IC901	263 0615 902	IC BA15218F-DXE2	
TR401	269 0055 900	Transistor DTA144EKT96	
TR402	269 0082 902	Transistor DTC114EKT96	
TR601	269 0018 905	Transistor DTC143ES(4.7K-4.7K)T	
TR691~696	269 0083 901	Transistor DTA114EKT96	
TR697	269 0018 905	Transistor DTC143ES(4.7K-4.7K)T	
TR698	269 0083 901	Transistor DTA114EKT96	
TR701~718	273 0414 906	Transistor 2SC3326(A/B)	
TR801,802	273 0414 906	Transistor 2SC3326(A/B)	
TR805	269 0083 901	Transistor DTA114EKT96	
TR806	269 0082 902	Transistor DTC114EKT96	
TR901,902	273 0414 906	Transistor 2SC3326(A/B)	
D471~473	276 0559 909	Diode DAP202KT146	
D601~616	276 0432 903	Diode 1SS270A TE (TAPE)	
D619	276 0432 903	Diode 1SS270A TE (TAPE)	
D801~808	276 0432 903	Diode 1SS270A TE (TAPE)	
D901,902	276 0432 903	Diode 1SS270A TE (TAPE)	
ZD401~406	276 0637 902	Zener diode MTZJ6.2AT77	
ZD903	276 0458 903	Zener diode HZS5A-1TD	
LD401	393 9408 903	LED SEL-4214S(TP6)	Red

Ref. No.	Part No.	Part Name	Remarks
RESISTORS GROUP			
R401,402	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B--472JT
R403,404	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B--101JT
R405,406	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B--472JT
R407,408	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B--101JT
R424,425	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B--473JT
R426,427	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B--101JT
R471~473	247 0004 977	Carbon chip 75 ohm 1/10W	RM73B--750JT
R474~476	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B--101JT
R477	247 0008 928	Carbon chip 2.2 kohm 1/10W	RM73B--222JT
R478,479	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B--473JT
R480	247 0008 928	Carbon chip 2.2 kohm 1/10W	RM73B--222JT
R481	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B--473JT
R482	247 0008 928	Carbon chip 2.2 kohm 1/10W	RM73B--222JT
R601~604	247 0013 984	Carbon chip 470 kohm 1/10W	RM73B--474JT
R605,606	247 0012 901	Carbon chip 82 kohm 1/10W	RM73B--823JT
R607,608	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B--472JT
R609,610	247 0011 928	Carbon chip 39 kohm 1/10W	RM73B--393JT
R611,612	247 0014 909	Carbon chip 560 kohm 1/10W	RM73B--564JT
R613,614	247 0010 987	Carbon chip 27 kohm 1/10W	RM73B--273JT
R615,616	247 0009 927	Carbon chip 5.6 kohm 1/10W	RM73B--562JT
R617,618	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B--102JT
R619,620	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R621~624	247 0013 984	Carbon chip 470 kohm 1/10W	RM73B--474JT
R625,626	247 0012 901	Carbon chip 82 kohm 1/10W	RM73B--823JT
R627,628	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B--472JT
R629,630	247 0011 928	Carbon chip 39 kohm 1/10W	RM73B--393JT
R631,632	247 0014 909	Carbon chip 560 kohm 1/10W	RM73B--564JT
R633,634	247 0010 987	Carbon chip 27 kohm 1/10W	RM73B--273JT
R635,636	247 0009 927	Carbon chip 5.6 kohm 1/10W	RM73B--562JT
R637,638	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B--102JT
R639	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R641,642	247 0008 960	Carbon chip 3.3 kohm 1/10W	RM73B--332JT
R643,644	247 0006 988	Carbon chip 560 ohm 1/10W	RM73B--561JT
R645,646	247 0008 960	Carbon chip 3.3 kohm 1/10W	RM73B--332JT
R647,648	247 0006 988	Carbon chip 560 ohm 1/10W	RM73B--561JT
R659	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R691~696	247 0013 984	Carbon chip 470 kohm 1/10W	RM73B--474JT
R697,698	241 2380 905	Carbon film 1.2 kohm 1/4W(NB)	RD14B2E122JNBST
R699	247 0013 984	Carbon chip 470 kohm 1/10W	RM73B--474JT
R701,702	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B--471JT
R703,704	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B--473JT
R707,708	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R709,710	247 0002 966	Carbon chip 10 ohm 1/10W	RM73B--100JT
R711,712	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R713,714	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B--470JT
R715,716	247 0005 989	Carbon chip 220 ohm 1/10W	RM73B--221JT
R717,718	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B--472JT
R719,720	247 0005 989	Carbon chip 220 ohm 1/10W	RM73B--221JT
R721,722	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B--223JT

Ref. No.	Part No.	Part Name	Remarks
R725,726	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R727,728	247 0002 966	Carbon chip 10 ohm 1/10W	RM73B--100JT
R729,730	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R731,732	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B--470JT
R733,734	247 0005 989	Carbon chip 220 ohm 1/10W	RM73B--221JT
R735,736	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B--472JT
R737,738	247 0005 989	Carbon chip 220 ohm 1/10W	RM73B--221JT
R739,740	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B--223JT
R743,744	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R745,746	247 0002 966	Carbon chip 10 ohm 1/10W	RM73B--100JT
R747,748	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R749,750	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B--470JT
R751,752	247 0005 989	Carbon chip 220 ohm 1/10W	RM73B--221JT
R753,754	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B--472JT
R755,756	247 0005 989	Carbon chip 220 ohm 1/10W	RM73B--221JT
R757,758	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B--223JT
R761,762	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R763,764	247 0002 966	Carbon chip 10 ohm 1/10W	RM73B--100JT
R765,766	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R767,768	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B--470JT
R769,770	247 0005 989	Carbon chip 220 ohm 1/10W	RM73B--221JT
R771,772	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B--472JT
R773,774	247 0005 989	Carbon chip 220 ohm 1/10W	RM73B--221JT
R775,776	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B--223JT
R779,780	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R781,782	247 0002 966	Carbon chip 10 ohm 1/10W	RM73B--100JT
R783,784	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B--471JT
R785,786	247 0015 966	Carbon chip 2.7 Mohm 1/10W	RM73B--275JT
R787,788	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B--471JT
R789,790	247 0015 966	Carbon chip 2.7 Mohm 1/10W	RM73B--275JT
R791,792	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B--471JT
R793,794	247 0015 966	Carbon chip 2.7 Mohm 1/10W	RM73B--275JT
R795,796	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B--471JT
R797,798	247 0015 966	Carbon chip 2.7 Mohm 1/10W	RM73B--275JT
R809	241 2380 905	Carbon film 1.2 kohm 1/4W(NB)	RD14B2E122JNBST
R811,812	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R813,814	247 0006 946	Carbon chip 390 ohm 1/10W	RM73B--391JT
R815,816	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B--223JT
R821	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B--103JT
R903~909	247 0005 989	Carbon chip 220 ohm 1/10W	RM73B--221JT
R910	247 0013 926	Carbon chip 270 kohm 1/10W	RM73B--274JT
R911,912	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B--223JT
R913,914	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B--471JT
R915~924	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B--473JT
R936,937	247 0011 957	Carbon chip 51 kohm 1/10W	RM73B--513JT
R938,939	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R949~951	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B--104JT
R952,953	247 0011 902	Carbon chip 33 kohm 1/10W	RM73B--333JT
R954	247 0013 926	Carbon chip 270 kohm 1/10W	RM73B--274JT
R955	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B--102JT

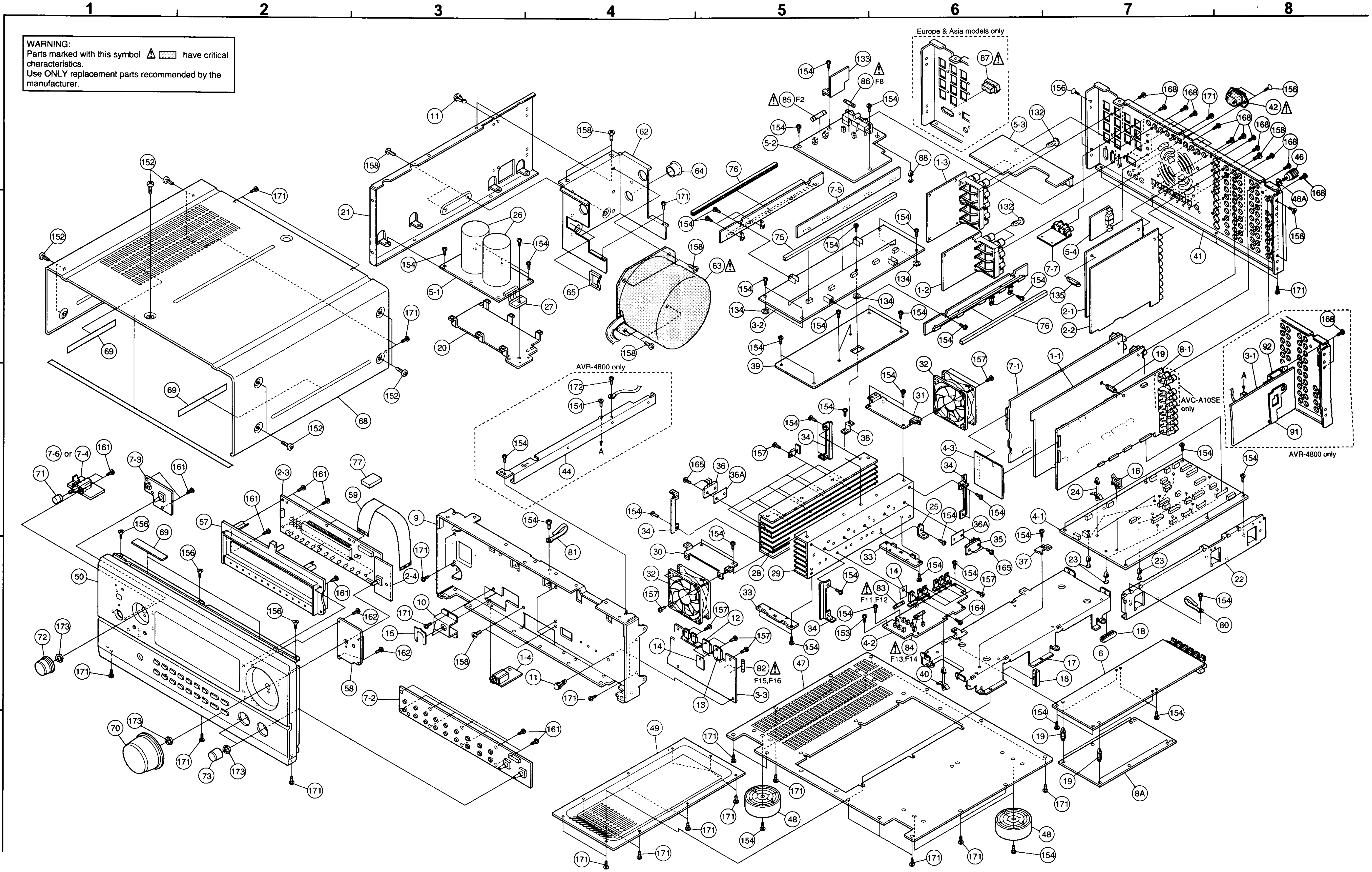
Ref. No.	Part No.	Part Name	Remarks
R956	247 0011 928	Carbon chip 39 kohm 1/10W	RM73B--393JT
R960	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B--102JT
R961	247 0011 928	Carbon chip 39 kohm 1/10W	RM73B--393JT
CAPACITORS GROUP			
C401~404	257 0010 900	Ceramic chip 0.01μF/50V	CK73B1H103KT
C406,407	257 0010 900	Ceramic chip 0.01μF/50V	CK73B1H103KT
C408	254 4305 968	Electrolytic 1μF/50V	CE04W1H010MT(SRE)
C471	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C475~477	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C478~480	254 4303 960	Electrolytic 33μF/25V	CE04W1E330MT(SRE)
C481,482	257 0003 904	Ceramic chip 22pF/50V	CC73SL1H220JT
C483	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C484	254 4299 906	Electrolytic 10μF/16V	CE04W1C100MT(SRE)
C485	257 0003 904	Ceramic chip 22pF/50V	CC73SL1H220JT
C603,604	254 4524 972	Electrolytic 4.7μF/50V	CE04W1H4R7MT SMG/RE3
C605,606	255 1265 907	Mylar film 6800pF/50V	CQ93M1H682JT(B)
C607,608	255 4200 901	Mylar film 100pF/50V	CQ93P1H101JT
C609,610	254 4524 969	Electrolytic 3.3μF/50V	CE04W1H3R3MT SMG/RE3
C611,612	256 1058 942	Metalized 0.056μF/50V	CF93A1H563JT (JL)
C613,614	255 1265 949	Mylar film 0.012μF/50V	CQ93M1H123JT(B)
C615,616	254 4525 913	Electrolytic 47μF/50V	CE04W1H470MT SMG/RE3
C617,618	255 1264 953	Mylar film 2700pF/50V	CQ93M1H272JT(B)
C619,620	255 1265 978	Mylar film 0.022μF/50V	CQ93M1H223JT(B)
C623,624	254 4524 972	Electrolytic 4.7μF/50V	CE04W1H4R7MT SMG/RE3
C625,626	255 1265 907	Mylar film 6800pF/50V	CQ93M1H682JT(B)
C627,628	255 4200 901	Mylar film 100pF/50V	CQ93P1H101JT
C629,630	254 4524 969	Electrolytic 3.3μF/50V	CE04W1H3R3MT SMG/RE3
C631,632	256 1058 942	Metalized 0.056μF/50V	CF93A1H563JT (JL)
C633,634	255 1265 949	Mylar film 0.012μF/50V	CQ93M1H123JT(B)
C635,636	254 4525 913	Electrolytic 47μF/50V	CE04W1H470MT SMG/RE3
C637,638	255 1264 953	Mylar film 2700pF/50V	CQ93M1H272JT(B)
C639,640	255 1265 978	Mylar film 0.022μF/50V	CQ93M1H223JT(B)
C641~644	254 4524 956	Electrolytic 2.2μF/50V	CE04W1H2R2MT SMG/RE3
C661	254 4524 972	Electrolytic 4.7μF/50V	CE04W1H4R7MT SMG/RE3
C662	254 4304 943	Electrolytic 10μF/35V	CE04W1V100MT(SRE)
C663,664	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MT SMG/RE3
C671	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3
C672	254 4305 968	Electrolytic 1μF/50V	CE04W1H010MT(SRE)
C691,692	254 4524 969	Electrolytic 3.3μF/50V	CE04W1H3R3MT SMG/RE3
C696	254 4522 958	Electrolytic 100μF/35V	CE04W1V101MT SMG/RE3
C697	254 4524 969	Electrolytic 3.3μF/50V	CE04W1H3R3MT SMG/RE3
C701~704	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MT SMG/RE3
C707	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3
C709~712	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MT SMG/RE3
C713~716	254 4524 998	Electrolytic 22μF/50V	CE04W1H220MT SMG/RE3
C719,720	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MT SMG/RE3
C721~724	254 4524 998	Electrolytic 22μF/50V	CE04W1H220MT SMG/RE3
C729,730	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MT SMG/RE3
C731~734	254 4524 998	Electrolytic 22μF/50V	CE04W1H220MT SMG/RE3

Ref. No.	Part No.	Part Name	Remarks
C737,738	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MT SMG/RE3
C739~742	254 4524 998	Electrolytic 22μF/50V	CE04W1H220MT SMG/RE3
C745	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3
C751	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3
C757	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3
C801,802	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MT SMG/RE3
C805,806	254 4524 998	Electrolytic 22μF/50V	CE04W1H220MT SMG/RE3
C903~909	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3
C915	254 4304 943	Electrolytic 10μF/35V	CE04W1V100MT(SRE)
C961	254 4524 972	Electrolytic 4.7μF/50V	CE04W1H4R7MT SMG/RE3

Ref. No.	Part No.	Part Name	Remarks	Q'ty
OTHER PARTS GROUP				
CW045	205 0885 082	4P connector socket (TUC-P)		1
CW049	205 0885 082	4P connector socket (TUC-P)		1
CW057	205 0885 008	5P connector socket (TUC-P)		1
CW062	205 0942 019	6P connector socket (TUC-P)		1
CW112	205 0885 066	11P connector socket (TUC-P)		1
CW116,117	205 0885 066	11P connector socket (TUC-P)		2
CW119	205 0885 066	11P connector socket (TUC-P)		1
CW739	203 4834 004	3P KR-DA connector cord	for EU,EC	1
CW941,942	205 0885 082	4P connector socket (TUC-P)		2
CW944,945	205 0885 082	4P connector socket (TUC-P)		2
CX074	205 0343 074	7P connector base (KR-PH)		1
CX103	205 0375 000	10P connector base (KR-PH)		1
CX113	205 0375 013	11P connector base (KR-PH)		1
CX739	205 0355 033	3P KR connector base (L)	for EU,EC	1
CY021	205 0581 001	2P VH connector base	for E2,E1,E1C,EUT	1
CY054	205 0343 058	5P connector base (KR-PH)		1
CY113	205 0375 013	11P connector base (KR-PH)		1
JK471	204 8577 014	3P pin jack (F-GND NI)		1
JK701	204 8543 006	6P pin jack		1
JK702~704	204 8540 009	4P pin jack		3
L471~473	235 0060 905	Inductor 2.2μH		3
RL601,602	214 0203 008	Relay (NA12W-K)		2
RL605	214 0203 008	Relay (NA12W-K)		1
S401,402	212 0373 000	Rotary encoder EC16B		2
S403~420	212 4809 907	Tact switch		18
S421	212 0373 000	Rotary encoder EC16B		1
S422,423	212 4809 907	Tact switch		2
⚠ S424	212 1030 009	Power switch (TV-5)	for E2,E1,E1C,EUT	1
S429	212 0420 005	1P push switch (non lock)	for EU,EC	1
ST401	205 0452 017	Style pin		1
ST601	205 0452 017	Style pin		1
W744	203 0526 073	1P contact Ass'y		1

EXPLODED VIEW

WARNING:
Parts marked with this symbol ⚠ have critical characteristics.
Use ONLY replacement parts recommended by the manufacturer.



PARTS LIST OF EXPLODED VIEW

Note : The symbols in the column "Remarks" indicate the following distinations.
EU : U.S.A. model (AVR-4800) E2 : Europe model
E1C : China model EC : Canada model (AVR-4800)
E1 : Asia model EUT : Taiwan R.O.C. model

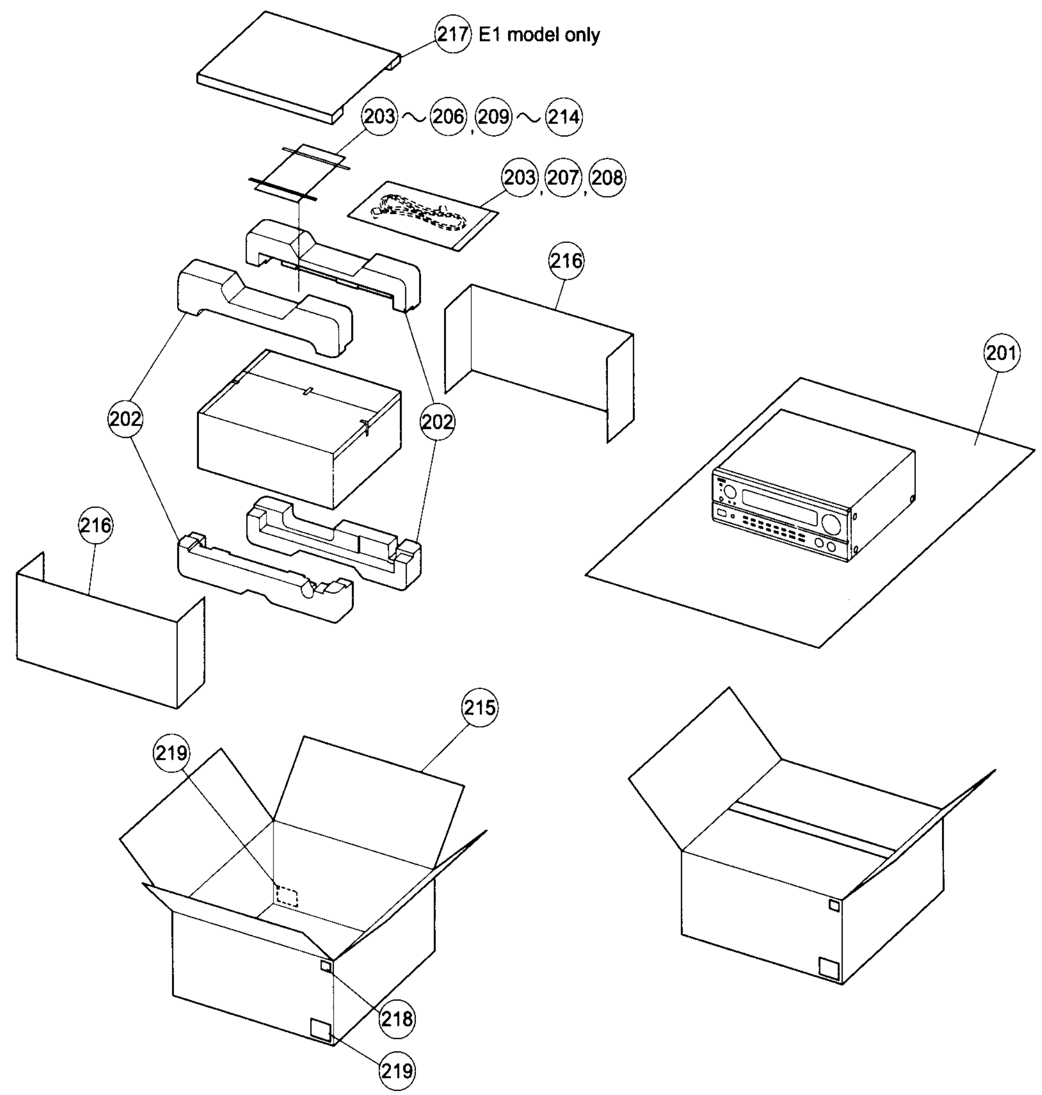
Ref. No.	Part No.	Part Name	Remarks	Q'ty
1	1U-3124F	Audio IN & SP unit Ass'y	for EU,EC,EUT	1
1	1U-3124G	Audio IN & SP unit Ass'y	for E2,E1,E1C	1
1-1		Audio IN unit		
1-2		Speaker unit-1		
1-3		Speaker unit-2		
1-4		Headphone unit		
2	1U-3125F	Video & FLD unit Ass'y		1
2-1		S video unit		
2-2		C video unit		
2-3		FLD unit		
2-4		Master VR unit		
3	1U-3126F	Tuner & AMP. unit Ass'y	for EU,EC	1
3	1U-3126G	Tuner & AMP. unit Ass'y	for E2,E1,E1C	1
3	1U-3126H	Tuner & AMP. unit Ass'y	for EUT	1
3-1		Tuner unit	for EU,EC only	
3-2		AMP. unit		
3-3		Pre-regulator unit		
4	1U-3127F	Main & regulator unit Ass'y	for EU,EC	1
4	1U-3127G	Main & regulator unit Ass'y	for E2,E1,E1C	1
4	1U-3127H	Main & regulator unit Ass'y	for EUT	1
4-1		Main µ-com. Unit		
4-2		Digital regulator unit		
4-3		Connect unit		
5	1U-3128F	Rectifier & primary unit Ass'y	for EU,EC	1
5	1U-3128G	Rectifier & primary unit Ass'y	for E2,E1	1
5	1U-3128I	Rectifier & primary unit Ass'y	for E1C	1
5	1U-3128H	Rectifier & primary unit Ass'y	for EUT	1
5-1		Rectifier unit		
5-2		Primary unit		
5-3		Component unit		
5-4		Multi IR unit		
6	1U-3288F	DSP unit Ass'y	for EU,EC	1
6	1U-3288G	DSP unit Ass'y	for E2,E1,E1C,EUT	1
7	1U-3275F	Tone preout unit Ass'y	for EU,EC	1
7	1U-3275G	Tone preout unit Ass'y	for E2,E1,E1C,EUT	1
7-1		Tone preout unit		
7-2		Tact switch unit		
7-3		Remote control unit		
7-4		Power switch unit	for E2,E1,E1C,EUT only	
7-5		Signal unit		
7-6		Power switch-2 unit	for EU,EC only	
7-7		Coaxial unit		
8	1U-3254F	EXT. IN unit Ass'y	for EU,EC	1
8	1U-3254G	EXT. IN unit Ass'y	for E2,E1,E1C	1
8	1U-3254H	EXT. IN unit Ass'y	for EUT	1
8A	1U-3274F	D/A unit Ass'y		1
9	411 1398 005	Front chassis		1
10	412 4578 003	Phone bracket		1
11	412 2741 007	P.W.B. holder (H=8)		4
12	273 0389 031	Transistor 2SC3855 LB(O/P/Y)(Z)	TR928	1
13	271 0240 035	Transistor 2SA1491 LB(O/P/Y)(Z)	TR927	1
14	415 0234 007	Insulating sheet		3
15	441 1793 009	Snap plate		1
16	445 0114 005	Wire clip		1

Ref. No.	Part No.	Part Name	Remarks	Q'ty
17	411 1397 006	Center chassis		1
18	449 0114 010	Edging (CE-016)		2
19	449 0133 017	PWB holder		6
20	412 4501 009	PWB bracket		1
21	411 1399 101	Side chassis (L)		1
22	411 1400 003	Side chassis (R)		1
23	412 2814 028	Card spacer (L=10)		13
24	409 0052 019	Holder (A)		2
25	412 4474 000	PWB bracket		1
26	254 4548 709	Electrolytic 18000µF/71V	C756,757	2
27	276 0698 006	Diode RBV-1506	D751	1
28	—	Power radiator (L)		1
29	—	Power radiator (R)		1
30	412 4475 009	Radiator bracket (A)		1
31	412 4475 012	Radiator bracket (A)		1
32	421 0749 005	Fan (80×80) 24V		2
33	412 4476 105	Radiator bracket (B)		2
34	412 4477 007	Side plate		4
35	271 0296 005	Transistor MP1715	TR805,806,845,846,883	5
36	273 0452 007	Transistor MN1715	TR803,804,843,844,882	5
36A	—	Mica sheet	Accessories for transisor	10
37	412 3225 205	PWB bracket (A)		1
38	412 4248 003	PWB bracket (D)		1
39	417 0580 016	CU plate		1
40	415 9016 022	P.C.B. holder		1
41	105 1299 254	Back panel	for EU,EC	1
41	105 1299 270	Back panel	for E2,E1	1
41	105 1299 296	Back panel	for E1C	1
41	105 1299 283	Back panel	for EUT	1
⚠ 42	203 3970 008	AC inlet		1
★ 43	445 8004 007	Wire clamper		9
44	412 4478 213	Support bracket	for EU,EC	1
46	205 0071 016	Terminal Ass'y		1
46A	477 0018 014	Washer (P-87) D10		1
47	105 1306 008	Bottom cover		1
48	104 0194 289	Foot Ass'y		4
49	105 1332 001	D/A cover		1
50	144 2689 114	Front panel Ass'y	for EU,EC	1
50	144 2689 130	Front panel Ass'y	for E2 gold model, E1,E1C,EUT	1
50	144 2689 127	Front panel Ass'y	for E2 black model	1
57	146 2122 237	FLD frame Ass'y	for black model	1
57	146 2122 224	FLD frame Ass'y	for gold model	1
58	412 4177 006	VR bracket		1
59	009 0182 006	29P FFC cable		1
62	412 4482 102	Trans. bracket		1
⚠ 63	233 6316 000	Power trans.	for EU,EC,EUT	1
⚠ 63	233 6291 002	Power trans.	for E2,E1	1
⚠ 63	233 6325 004	Power trans.	for E1C	1
64	462 0089 025	Bush		1
65	445 0100 006	Edging (EDS-2323U)		1
68	102 0576 254	Top cover	for black model	1
68	102 0576 241	Top cover	for gold model	1
69	461 0501 005	Rubber sheet		4

Ref. No.	Part No.	Part Name	Remarks	Q'ty
70	112 0828 019	Knob Ass'y (M)	for black model	1
70	112 0828 006	Knob Ass'y (M)	for gold model	1
71	113 1792 008	Power knob Ass'y	for black model	1
71	113 1792 011	Power knob Ass'y	for gold model	1
72	112 0773 106	Knob Ass'y (F)	for black model	1
72	112 0773 119	Knob Ass'y (F)	for gold model	1
73	112 0787 037	Knob (M) Ass'y	for black model	2
73	112 0787 024	Knob (M) Ass'y	for gold model	2
75	449 0122 060	Edging (CE-012)		1
76	449 0122 073	Edging (CE-012)		2
77	461 0639 016	Rubber sheet		1
80	445 0048 016	Cord holder (L50)		1
81	445 0048 003	Cord holder (L76)		1
⚠ 82	206 1039 089	Fuse 3.15A	F15,16 for EU,EC,EUT	2
⚠ 82	206 1015 074	Fuse 3.15A	F15,16 for E2,E1,E1C	2
⚠ 83	206 1039 089	Fuse 3.15A	F11,12 for EU,EC,EUT	2
⚠ 83	206 1015 074	Fuse 3.15A	F11,12 for E2,E1,E1C	2
⚠ 84	206 1039 063	Fuse 2.0A	F13,14 for EU,EC,EUT	2
⚠ 84	206 1015 061	Fuse 2A	F13,14 for E2,E1,E1C	2
⚠ 85	206 1051 009	Fuse 12A	F2 for EU,EC,EUT	1
⚠ 85	206 1036 011	Fuse 6.3A	F2 for E2,E1,E1C	1
⚠ 86	206 1046 014	Fuse 8A	F8 for EU,EC,EUT	1
⚠ 86	206 1015 032	Fuse 2.5A	F8 for E2,E1	1
⚠ 87	203 3981 000	AC outlet	AC701 for E2,E1	1
88	412 2814 057	Card spacer (L=12)	for E2,E1,E1C	1
91	414 0878 004	Shield plate (A)	for EU,EC	1
92	414 0879 003	Shield plate (B)	for EU,EC	1
★ 92A	203 0312 009	AMISEN Ass'y	for Shield plate (B) for EU,EC	1
★ 94	204 6350 000	11P KR-KR ribbon 70	CN111	1
★ 95	204 2546 041	8P KR-KR ribbon 125	CN081	1
★ 96	204 0378 059	6P KR-KR ribbon 150	CN068	1
★ 97	203 6386 013	4P KR-KR ribbon 300	CN042	1
★ 98	203 4871 070	3P KR-KR ribbon 200	CN932	1
★ 99	203 6386 084	4P KR-KR ribbon 475	CN041	1
★ 100	204 0379 032	6P KR-KR ribbon 350	CN064	1
★ 101	204 6625 007	12P PH-PH connector cord	CN124	1
★ 102	204 6623 012	13P PH-PH connector cord	CN137	1
★ 103	203 8341 014	5P KR-KR ribbon 80	CN054	1
★ 104	203 6386 013	4P KR-KR ribbon 300	CN941	1
★ 105	204 0379 058	6P KR-KR ribbon 400	CN069	1
★ 106	203 8342 013	5P KR-KR ribbon 300	CN052	1
★ 107	204 2548 007	8P KR-KR ribbon 550	CN084	1

Ref. No.	Part No.	Part Name	Remarks	Q'ty
★ 108	203 8341 043	5P KR-KR ribbon 125	CN055	1
★ 109	204 0542 005	6P PH-PH connector cord	CN063	1
★ 110	204 2546 041	8P KR-KR ribbon 125	CN085	1
★ 111	204 6351 009	11P KR-KR ribbon 275	CN113	1
★ 112	204 6647 001	14P PH-PH connector cord	CN143	1
★ 113	204 0378 033	6P KR-KR ribbon 100	CN065	1
★ 114	001 0202 089	Vinyl wire	White	1
★ 115	001 0202 092	Vinyl wire	Yellow	1
★ 116	203 2374 087	2P VA-VA cable	CN021 for E2,E1,E1C,EUT	1
★ 117	203 5213 006	3C cord Ass'y	CX039	1
★ 118	204 6629 003	12P PH-PH connector cord	CN121 for EU,EC	1
★ 119	203 5177 016	3P VH connector cord	CN024 for E2,E1	1
★ 121	513 3298 001	Fuse caution label	for EU,EC	1
★ 122	513 3299 000	Fuse caution label	for EU,EC	1
★ 123	513 2645 024	IC caution label	for EU,EC	1
★ 124	513 8266 009	Dangerous mark	for EU,EC	1
★ 125	513 1581 011	Serial no. sheet	for EU,EC,E2,E1	1
★ 126	513 3283 016	Rating label	for EU,EC	1
★ 126	513 3285 014	Rating label	for E2,E1	1
★ 126	513 3251 022	Kolin rating	for EUT	1
★ 127	513 3411 105	License label	for EU,EC	1
★ 127	513 3418 001	License label	for E2,E1,E1C,EUT	1
★ 130	513 3286 000	Caution label	for EU,EC	1
★ 130	513 3343 008	Caution label	for E1C	1
★ 130	513 2482 009	Caution label	for EUT	1
132	477 0209 001	Canoe rivet	for E2,E1,E1C	14
133	412 4519 004	Bracket (S)	for E2,E1,E1C	1
134	477 0231 024	4 washer (S)		5
135	449 0133 004	PWB holder		1
SCREWS				
151	470 0009 022	Screw 3×6 CPS (SW.W) ZnP		8
152	477 0263 005	3P. swelling screw	for black model	9
152	477 0263 018	3P. swelling screw	for gold model	9
153	473 7002 005	Screw 3×6 CBTS (S)-Z		3
154	473 7002 018	Screw 3×8 CBTS (S)-Z		62
156	473 7003 017	Screw 3×8 CFTS (S)-B	for EU,EC	9
156	473 7003 017	Screw 3×8 CFTS (S)-B	for E2,E1,E1C,EUT	8
157	473 7005 002	Screw 3×10 CBTS (S)-Z		22
158	473 7007 000	Screw 4×8 CBTS (S)-B		12
161	473 7500 015	Screw 3×8 CBTS (P)-Z		23
162	473 7505 007	Screw 2.6×8 CBTS (P)-Z		4
164	473 8007 009	Cup screw 3×12		1
165	473 8007 067	Cup screw 3×18		20
168	477 0064 107	Fixing screw	for EU,EC,E2,E1,E1C	40
168	477 0064 107	Fixing screw	for EUT	42
171	473 7015 005	Screw 3×6 CBTS (S)-B	for EU,EC	39
171	473 7015 005	Screw 3×6 CBTS (S)-B	for E2,E1,E1C,EUT	37
172	473 7005 086	Screw 3×4 CBTS (S)-Z	for EU,EC	1
173	—	9 nut	Accessories for rotary encoder	4

PACKING VIEW



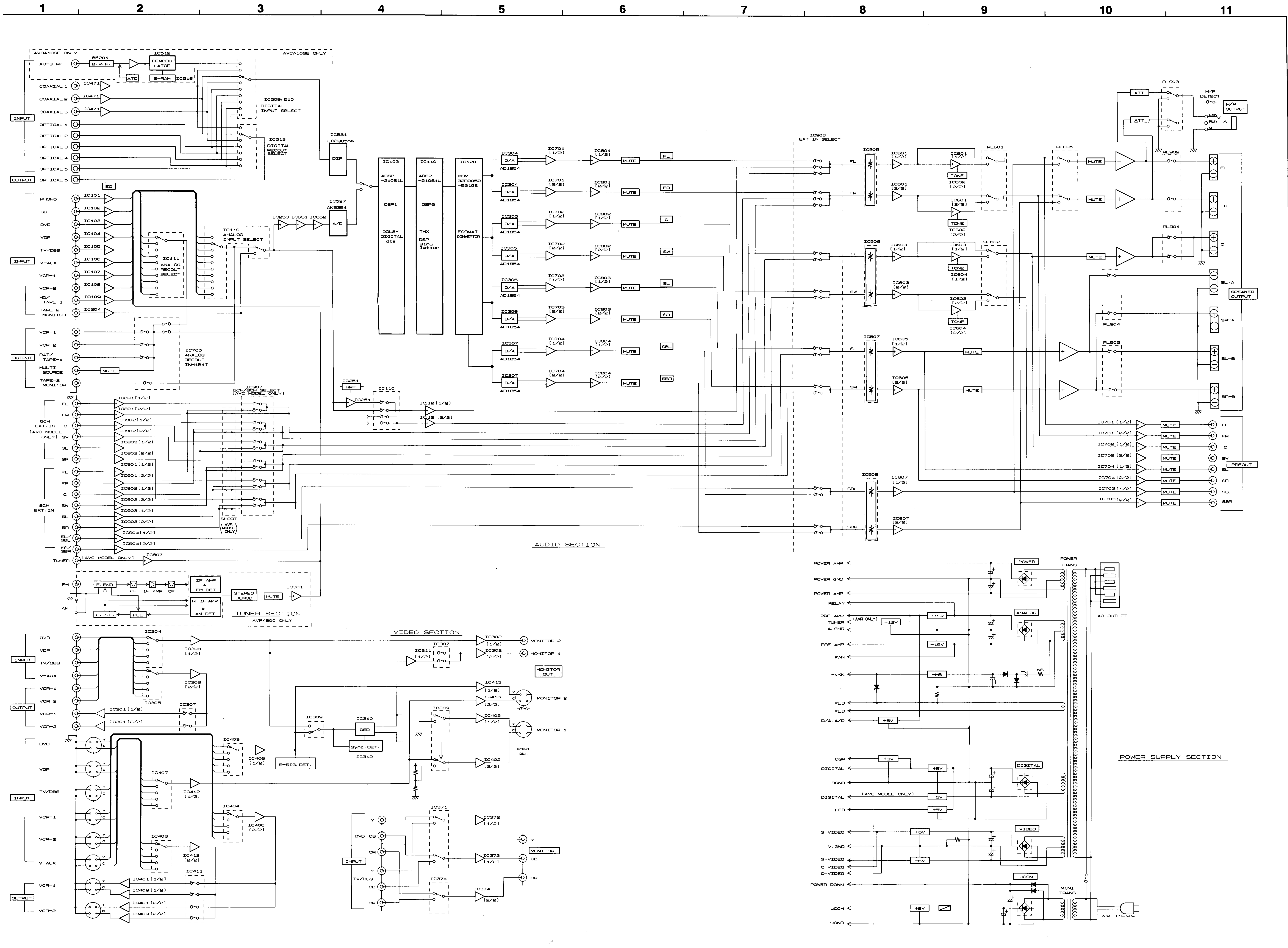
PARTS LIST OF PACKING & ACCESSORIES

Note : The symbols in the column "Remarks" indicate the following distinations.
EU : U.S.A. model (AVR-4800)
E1C : China model
E1 : Asia model
E2 : Europe model
EC : Canada model (AVR-4800)
EUT : Taiwan R.O.C. model

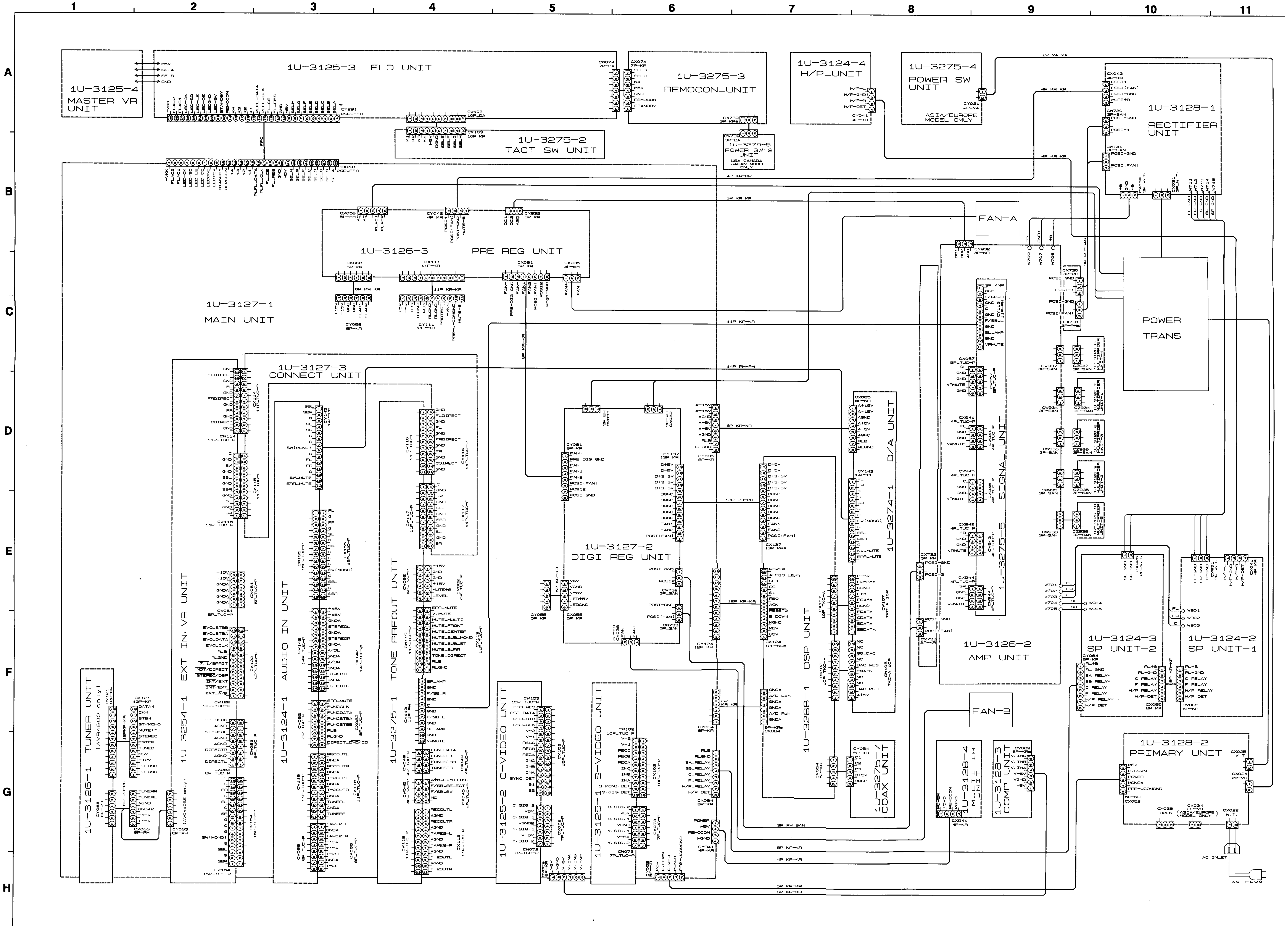
Ref. No.	Part No.	Part Name	Remarks	Q'ty
201	504 0192 106	Cabinet sheet		1
202	503 1316 205	Cushion Ass'y		1
203	505 8006 019	Envelope		2
204	511 3544 005	Instruction manual	for EU,EC	1
204	511 3590 004	Instruction manual	for E2	1
204	511 3591 003	Instruction manual	for E1,E1C,EUT	1
205	511 3576 002	Instruction manual	for EC	1
205	511 3592 002	Instruction manual	for E1,EUT	1
205	511 3589 002	Instruction manual	for E1C	1
206	515 0671 708	Service station list (EX)		1
⚠ 207	206 2157 009	AC cord set	for EU,EC,EUT	1
⚠ 207	206 2154 002	AC cord with connector	for E2,E1	1
⚠ 207	206 2189 006	AC cord	for E1C	1
⚠ 208	206 2148 005	AC cord (BS3P)	for E1	1
209	399 0587 009	Remote controller RC-869		1
210	—	Battery (R6P×2)		1

Ref. No.	Part No.	Part Name	Remarks	Q'ty
211	231 0922 009	Loop antenna	for EU,EC	1
212	395 0019 009	FM antenna Ass'y	for EU,EC	1
213	529 0079 008	FM antenna adapter	for EU,EC	1
214	515 0817 009	DEL warranty home	for EU	1
215	501 2024 040	Carton case	for EU,EC	1
215	501 2024 066	Carton case	for E2,E1C	1
215	501 2024 079	Carton case	for E1,EUT	1
216	501 2042 006	Spacer	for EU,EC,E2,E1C,EUT	2
216	501 2042 019	Spacer	for E1	2
217	503 1324 006	Cushion	for E1	1
218	513 3327 008	Bar code label base	for EU,EC,E2,E1C,EUT	1
219	513 1389 006	Control card base		1
★ 220	515 0627 105	DCI warranty home	for EC	1
★ 221	513 9111 001	Color label (gold)	for gold model	2
★ 222	513 3195 049	Kolin label	for EUT	1

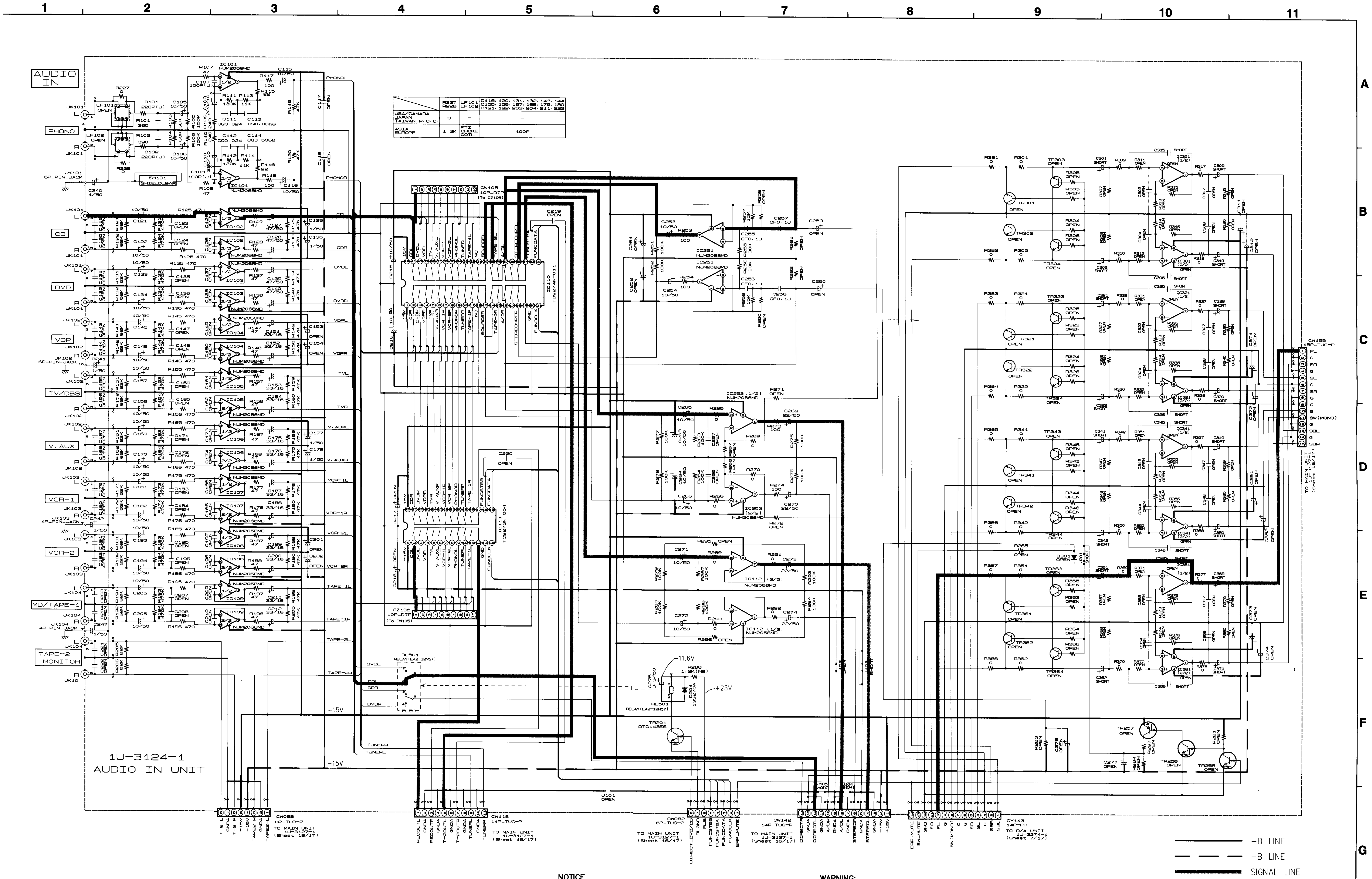
BLOCK DIAGRAM



WIRING DIAGRAM



SCHEMATIC DIAGRAMS (1/17)



NOTICE

ALL RESISTANCE VALUES IN OHM. k=1,000 OHM M=1,000,000 OHM

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EACH VOLTAGE AND CURRENT ARE MEASURED AT NO SIGNAL INPUT CONDITION.

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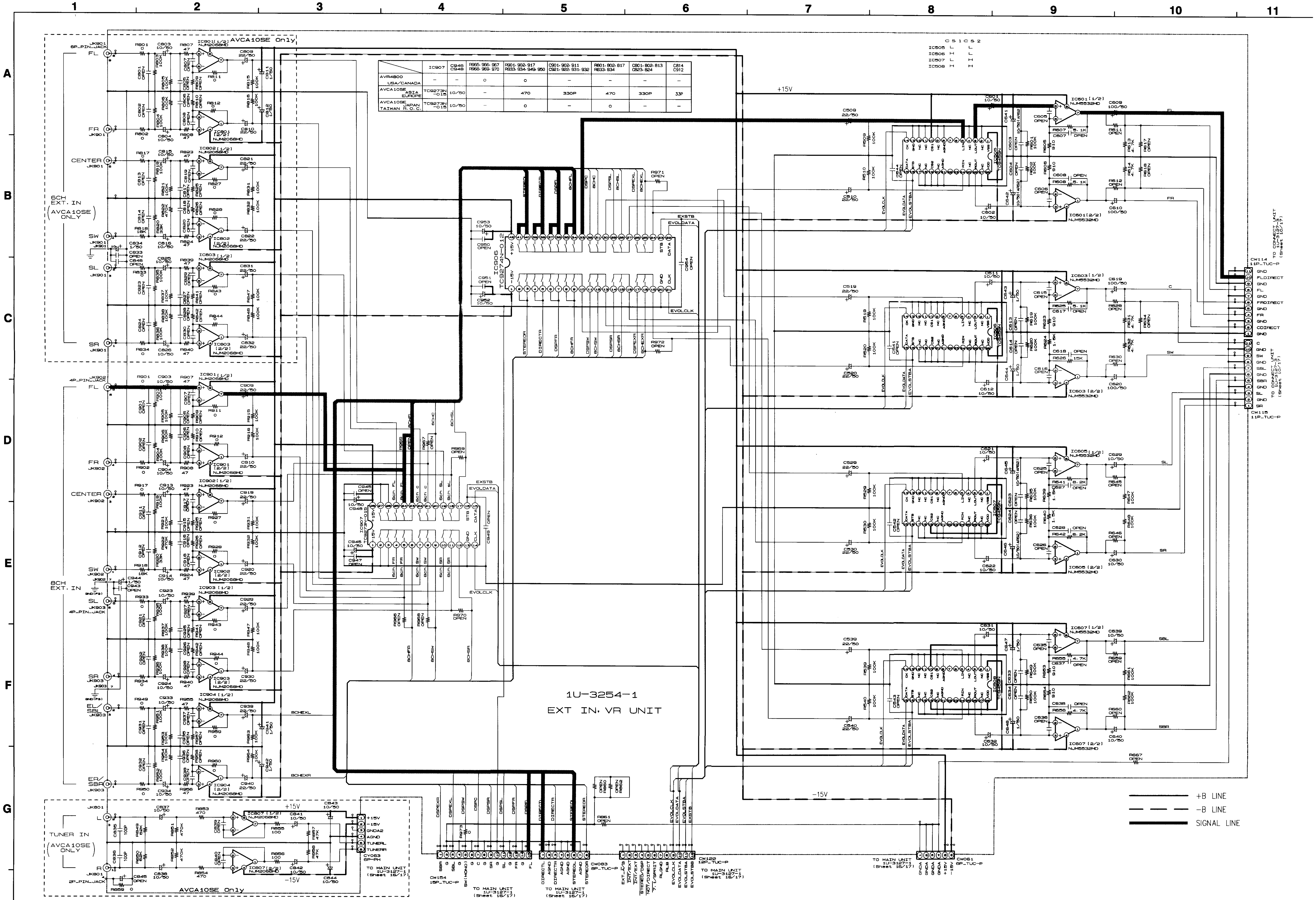
WARNING:

DO NOT return the unit to the customer until the problem is located and corrected.

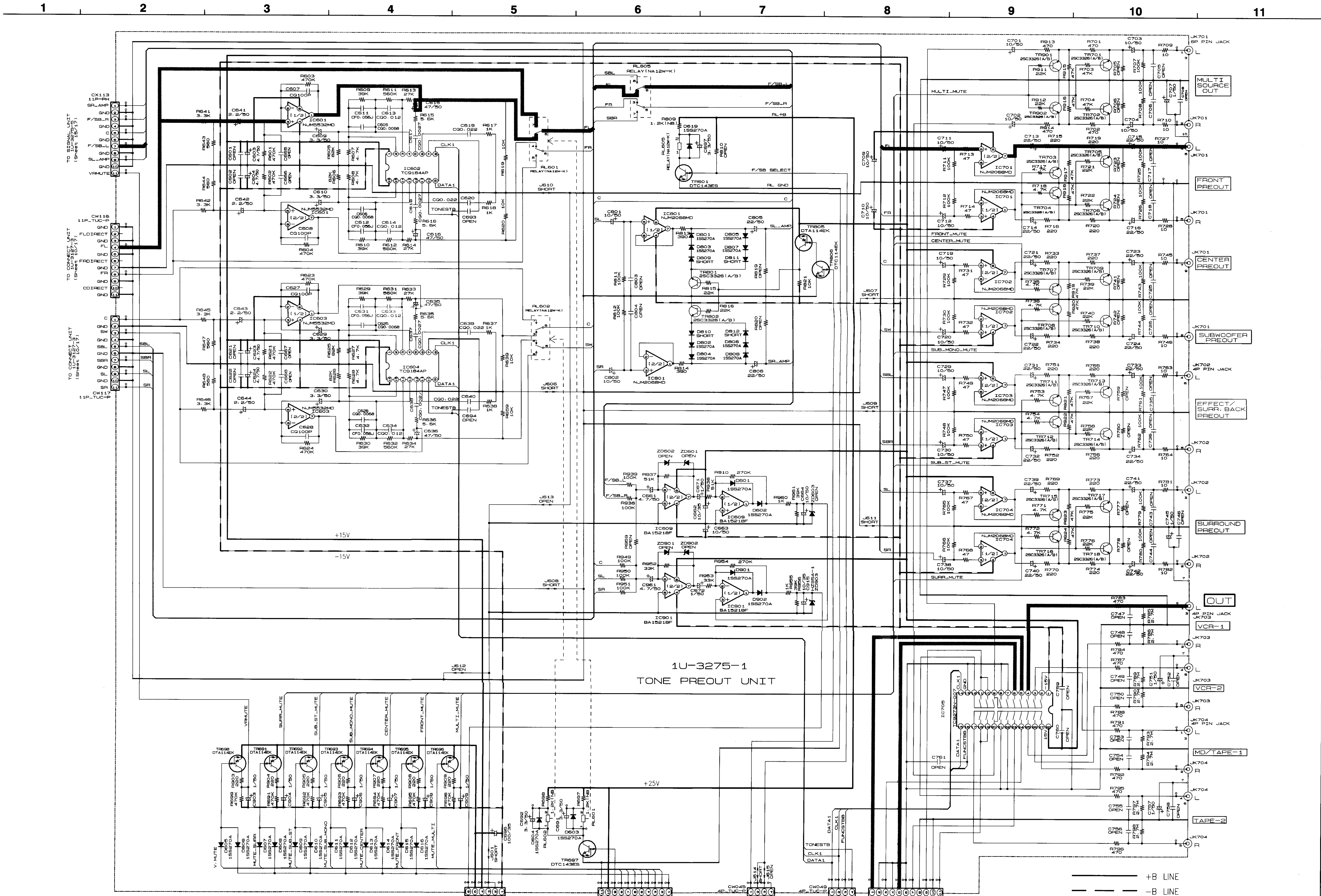
SCHEMATIC DIAGRAMS (2/17)

	IC907	C946 C948	R965, 966, 967 R968, 969, 970	R901, 902, 917 R933, 934, 949, 950	C901, 902, 911 C921, 922, 931, 932	R801, 802, 817 R833, 834	C801, 802, 813 C823, 824	C814 C912
AVR4800 USA/CANADA	–	–	0	0	–	–	–	–
AVCA10SE ASIA EUROPE	TC9273N -015	10/50	–	470	330P	470	330P	33P
AVCA10SE JAPAN TAIWAN R.O.C.	TC9273N -015	10/50	–	0	–	0	–	–



SCHEMATIC DIAGRAMS (2/17)
1U-3254-1 EXT IN, VR UNIT

SCHEMATIC DIAGRAMS (3/17)



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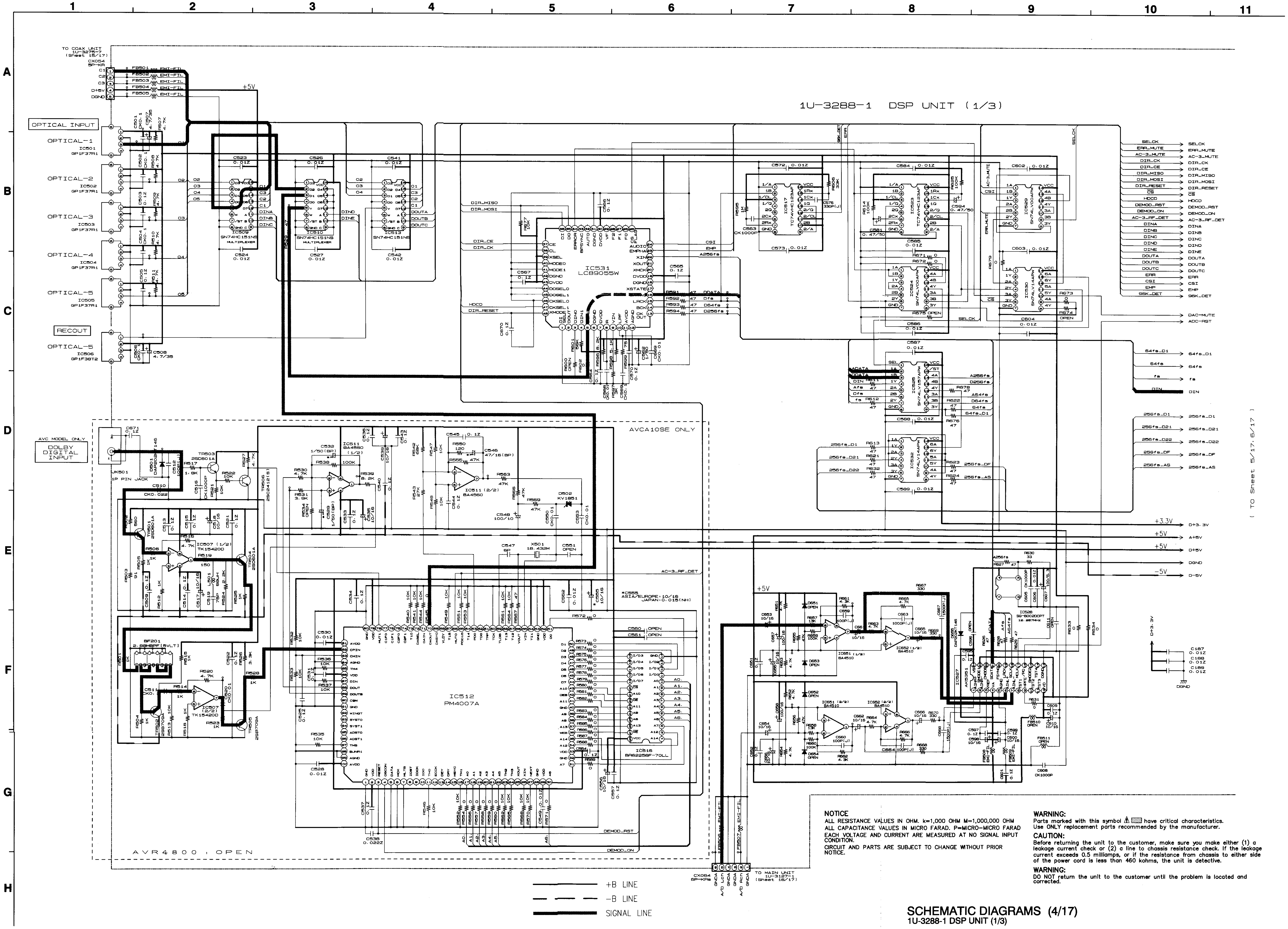
SCHEMATIC DIAGRAMS (4/17)



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WARNING:
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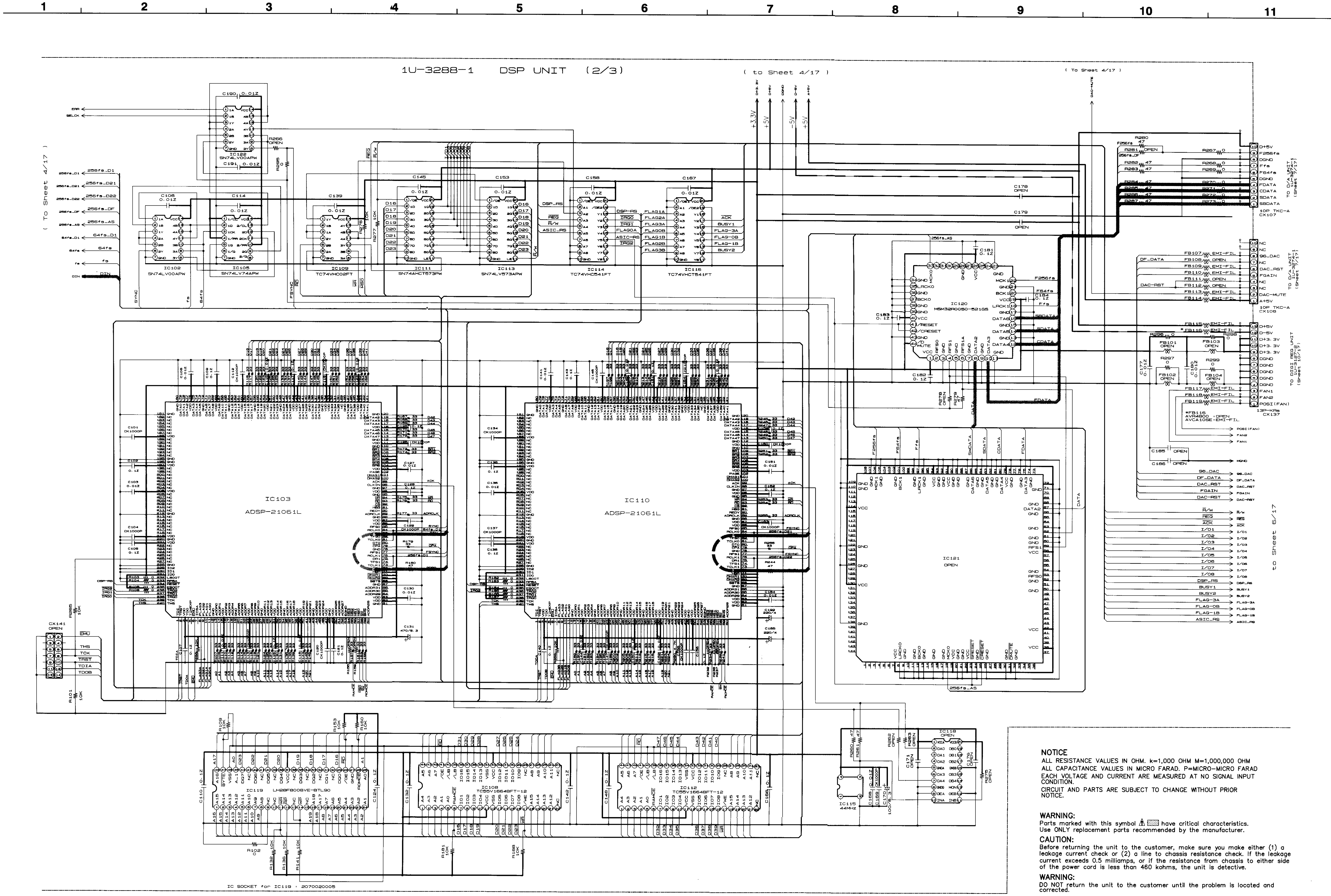
SCHEMATIC DIAGRAMS (4/17)
1U-3288-1 DSP UNIT (1/3)

SCHEMATIC DIAGRAMS (5/17)



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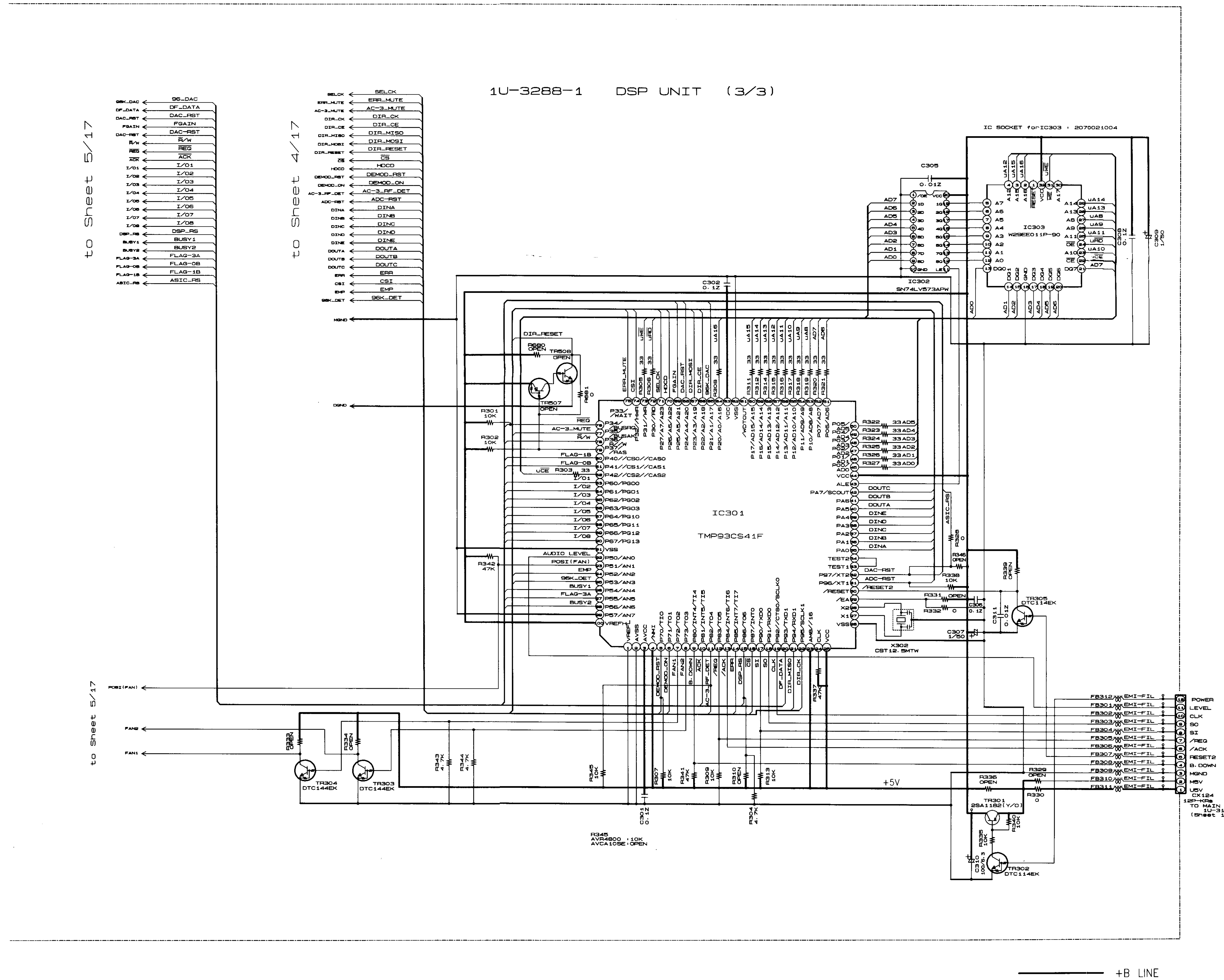
WARNING:
DO NOT return the unit to the customer until the problem is located and corrected.

+B LINE
-B LINE
SIGNAL LINE

SCHEMATIC DIAGRAMS (5/17)
1U-3288-1 DSP UNIT (2/3)

SCHEMATIC DIAGRAMS (6/17)



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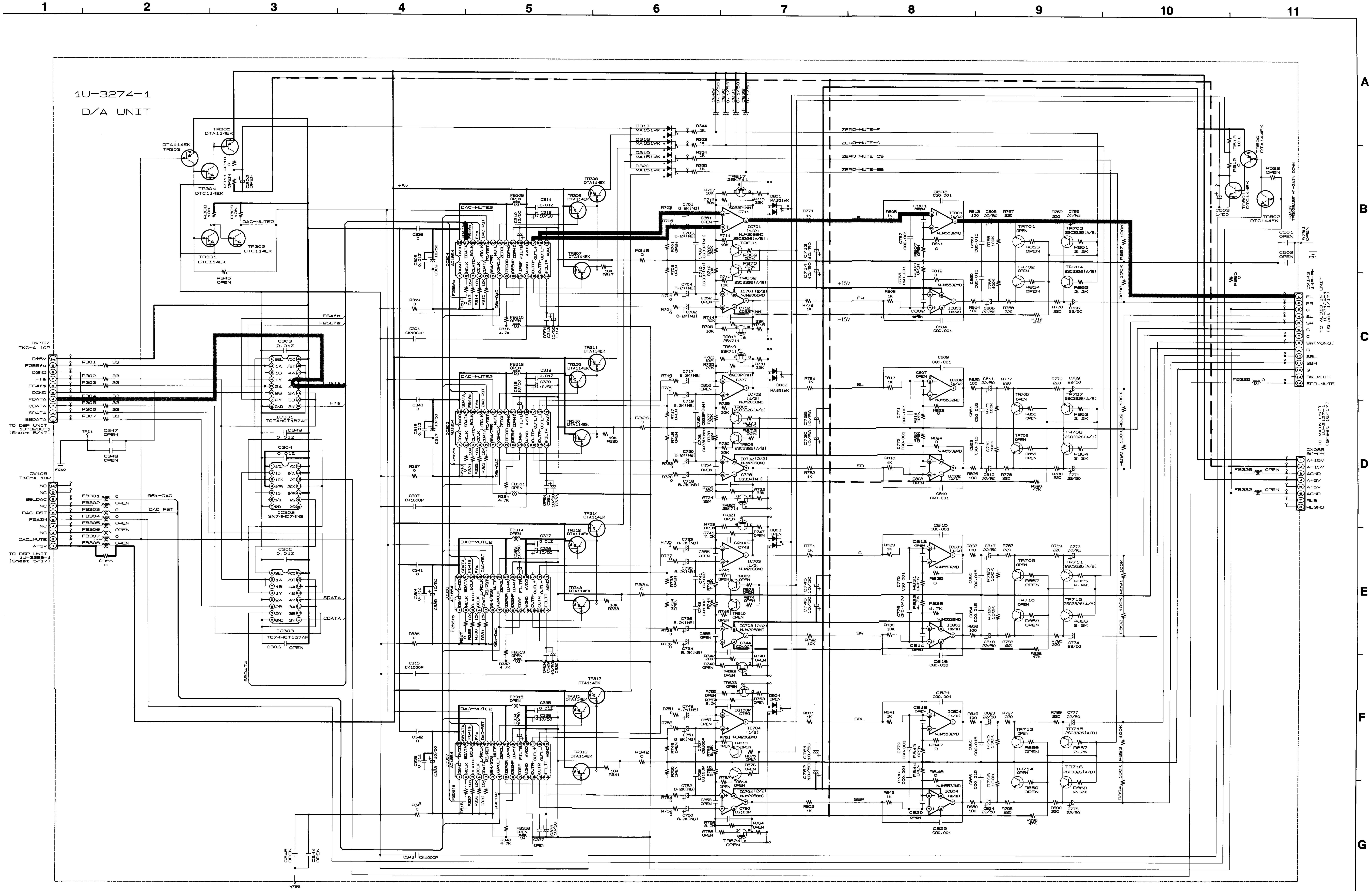
SCHEMATIC DIAGRAMS (6/17)
1U-3288-1 DSP UNIT (3/3)

SCHEMATIC DIAGRAMS (7/17)



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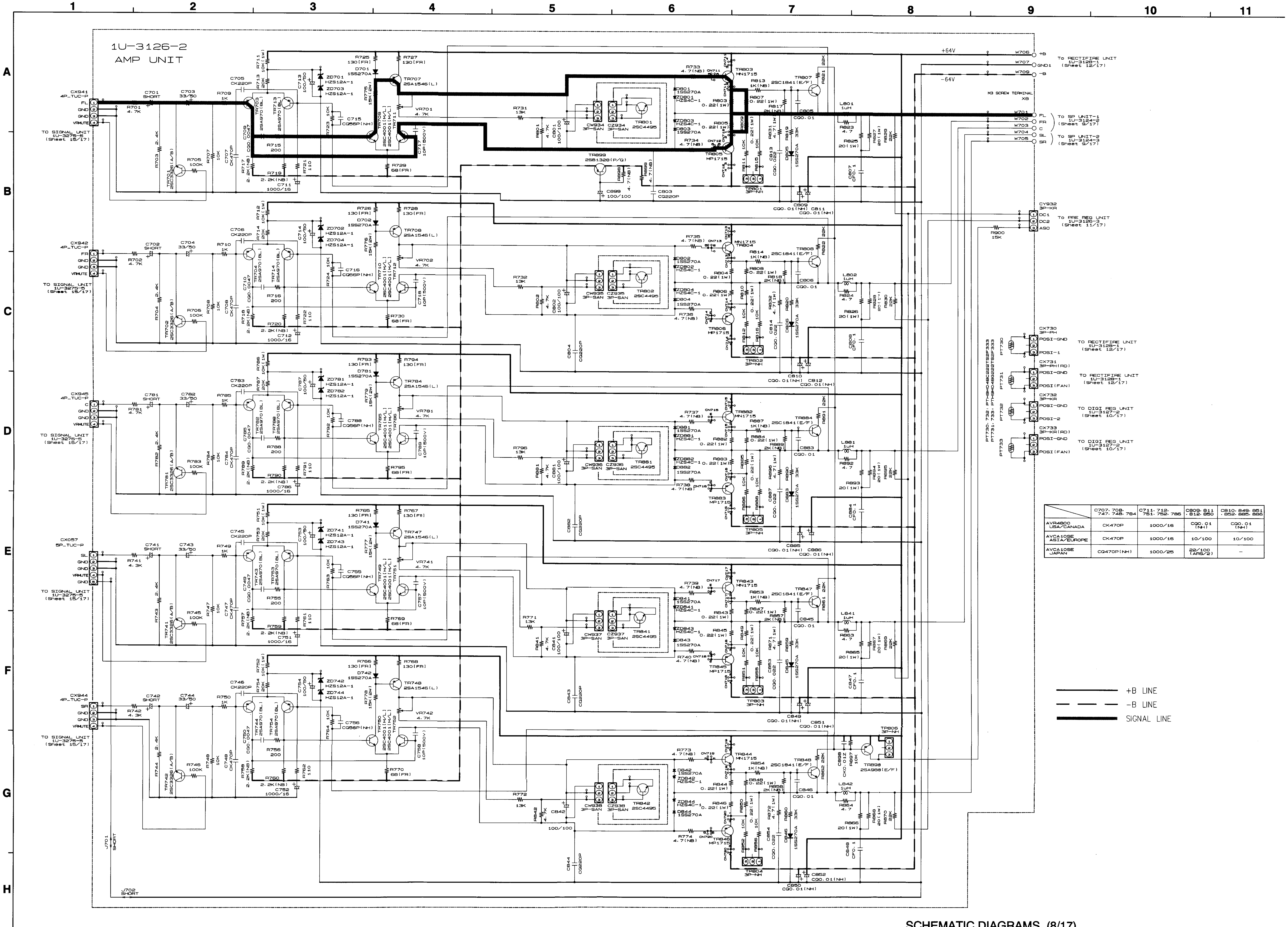
+B LINE
-B LINE
SIGNAL LINE

SCHEMATIC DIAGRAMS (7/17)
1U-3274-1 D/A UNIT

SCHEMATIC DIAGRAMS (8/17)

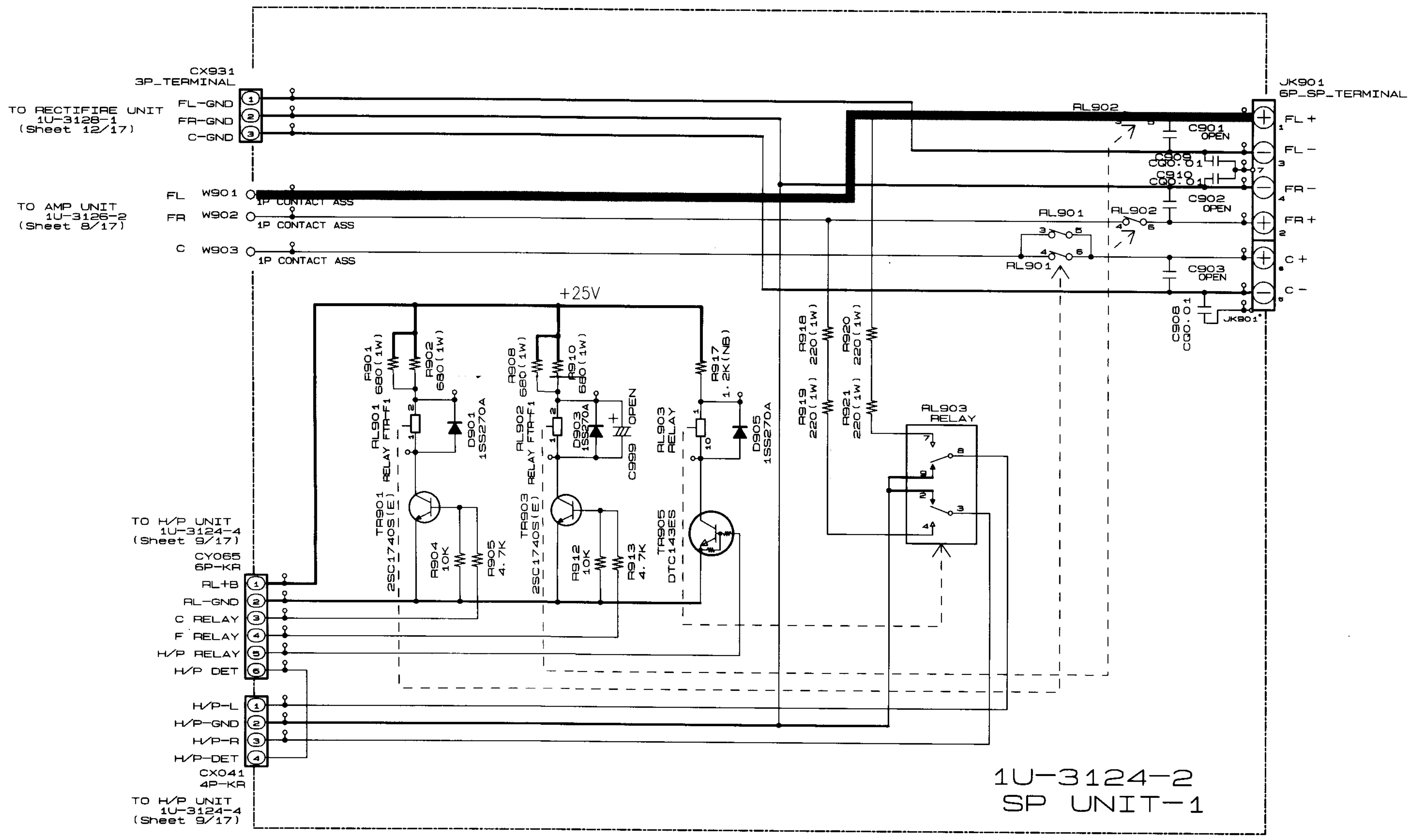


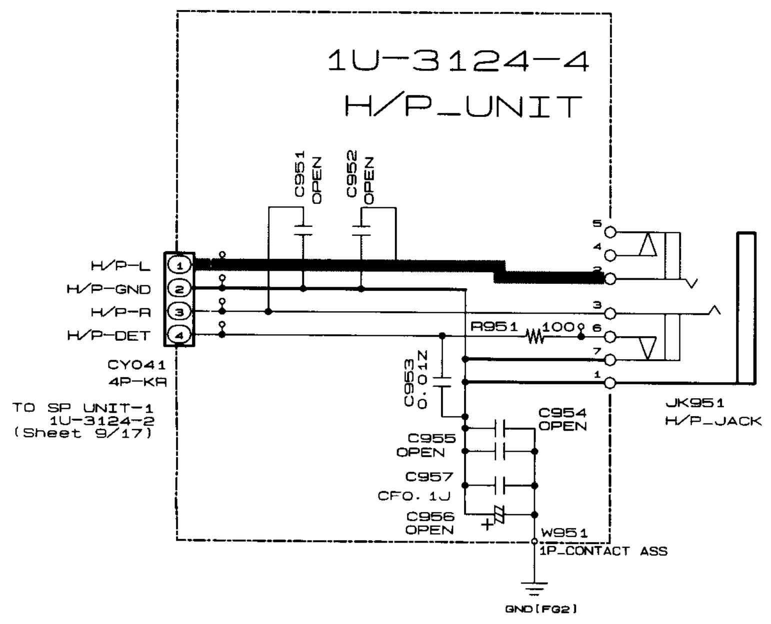
	C707, 708, 747, 748, 784	C711, 712, 751, 752, 786	C809, 811, 812, 850	C810, 849, 851, 852, 885, 886
AVR4800 USA/CANADA	CK470P	1000/16	CQ0.01 (NH)	CQ0.01 (NH)
AVCA10SE ASIA/EUROPE	CK470P	1000/16	10/100	10/100
AVCA10SE JAPAN	CQ470P(NH)	1000/25	22/100 (ARS/2)	–

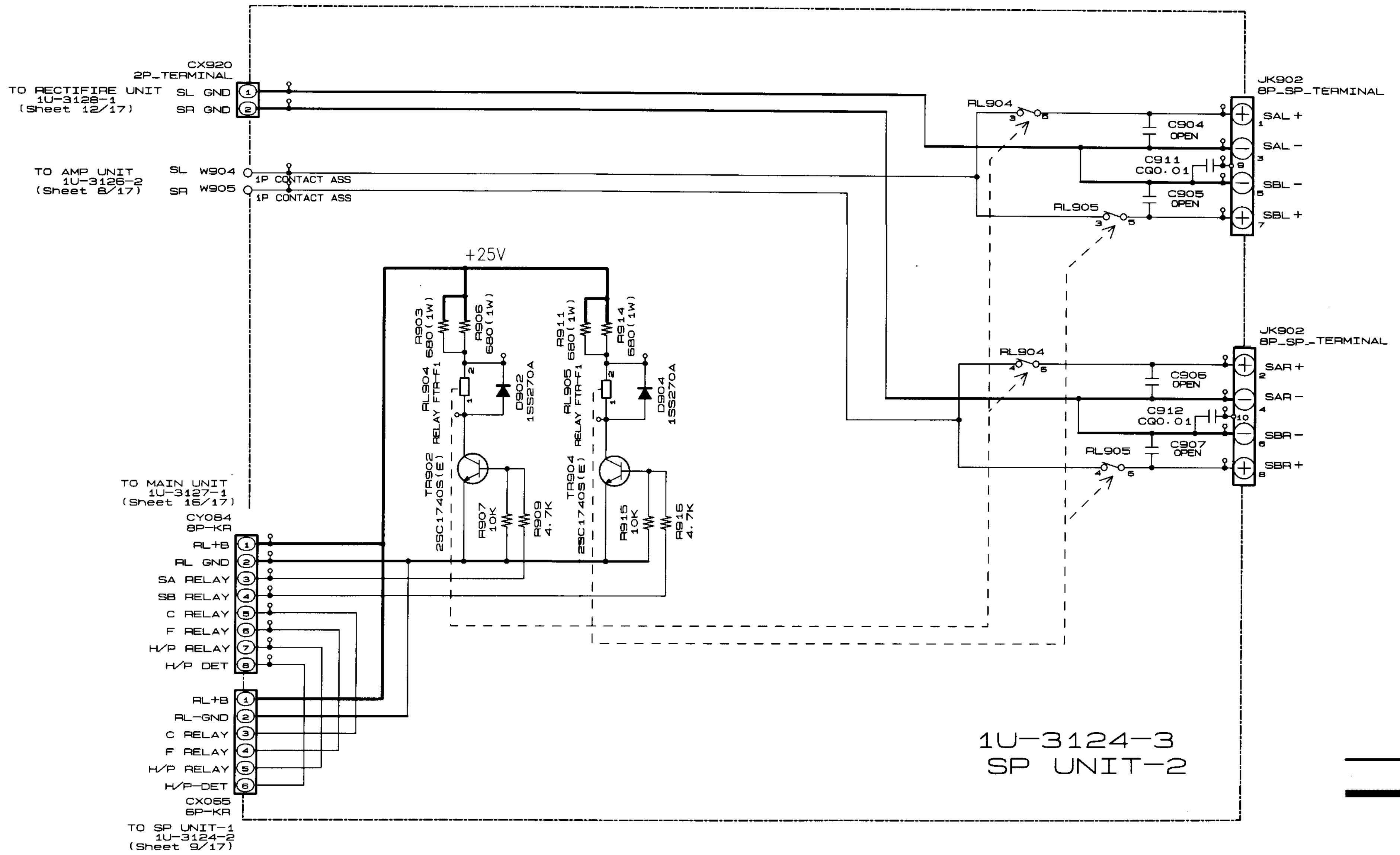
SCHEMATIC DIAGRAMS (8/17)
1U-3126-2 AMP UNIT

SCHEMATIC DIAGRAMS (9/17)

	C901, 902, 903, 904, 905, 906, 907	C999
AVR4800 USA/CANADA	–	–
AVCA10SE TAIWAN R.O.C	–	–
AVCA10SE ASIA/EUROPE	CQ0.01(NH)	–
AVCA10SE JAPAN	–	10/50 (ASF)







+B LINE

SIGNAL LINE

NOTICE

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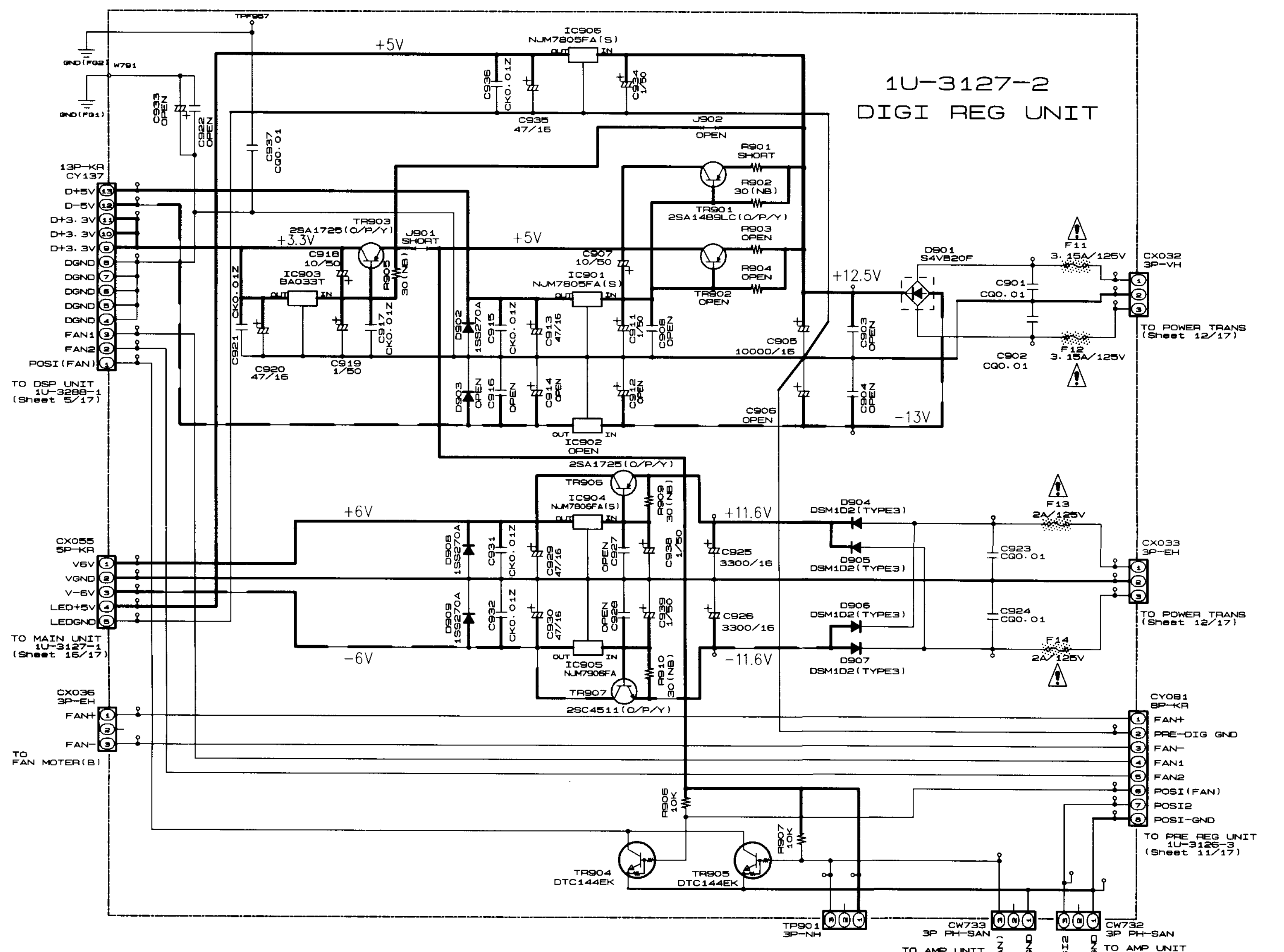
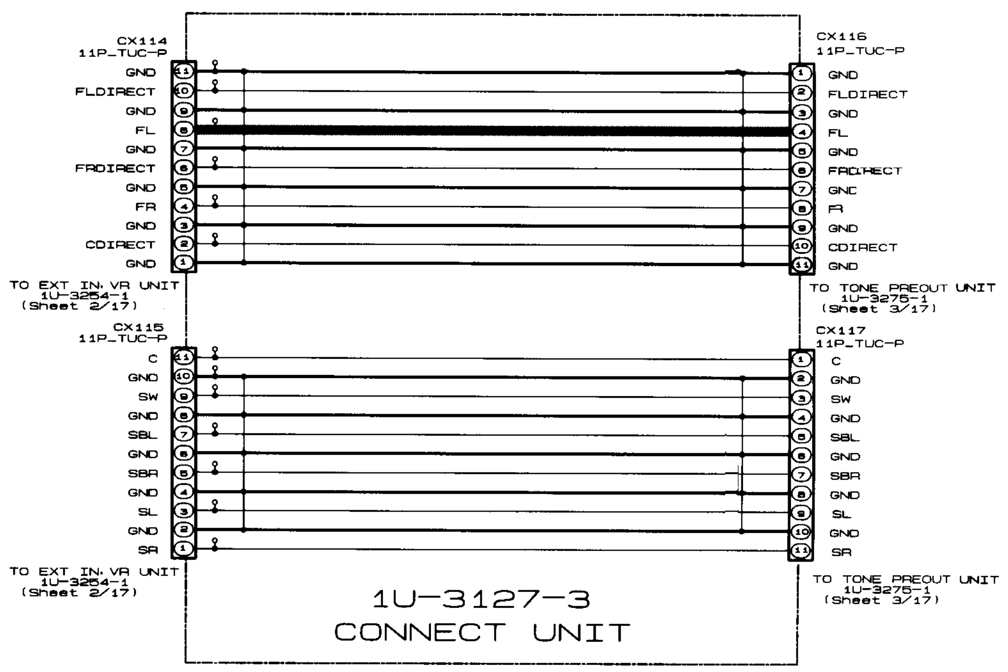
SCHEMATIC DIAGRAMS (9/17)
1U-3124-2 SP UNIT-1/1U-3124-3 SP UNIT-2
1U-3124-4 H/P UNIT

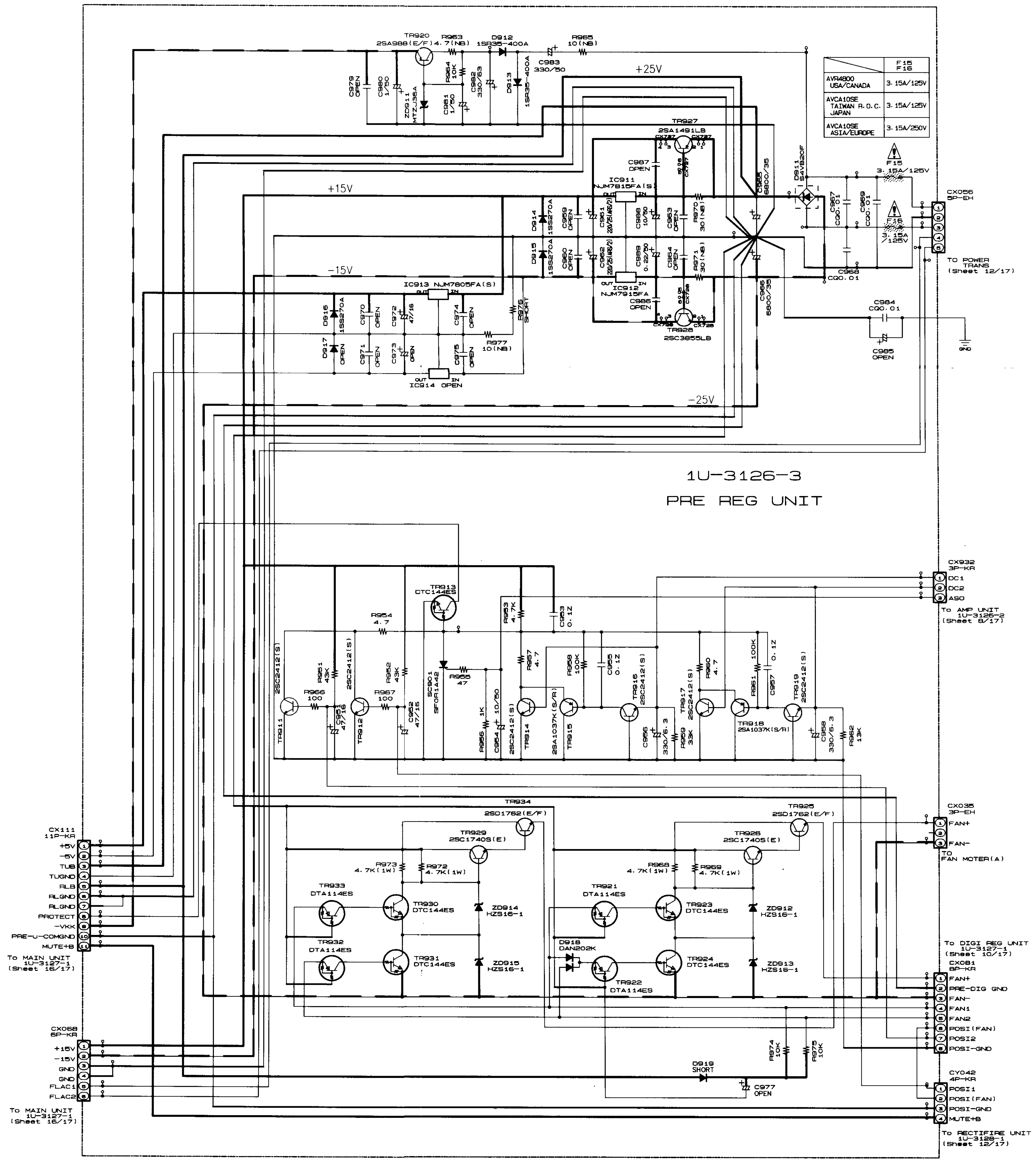
SCHEMATIC DIAGRAMS (10/17)



	F11 F12	F13 F14	IC902	C906	C912	C913	C914	D903	C913, 920 C929, 930 C935	C918	C919
AVR4800 USA/CANADA	3.15A/125V	2A/125V	–	–	–	–	–	–	47/16 SMG	10/50 SMG	1/50 SMG
AVCA10SE ASIA/EUROPE	3.15A/250V	2A/250V	NJM7905A	1000/16	1/50	47/16	47/16	1SS270A	47/16 SMG	10/50 SMG	1/50 SMG
AVCA10SE TAIWAN R.O.C.	3.15A/125V	2A/125V	NJM7905A	1000/16	1/50	47/16	47/16	1SS270A	47/16 SMG	10/50 SMG	1/50 SMG
AVCA10SE JAPAN	3.15A/125V	2A/125V	NJM7905A	1000/16	1/50	47/50	47/16	1SS270A	47/50 RA3	10/50 RA3	1/50 RA3



SCHEMATIC DIAGRAMS (11/17)



	C967 C968	C969	C972	C979	C980	C984
AVR4800 USA/CANADA AVCA10SE ASIA/EUROPE	CQ0.01	CQ0.01	47/16 SMG	–	1/50 SMG	CQ0.01
AVCA10SE JAPAN	–	–	10/50 ARS2	–	220/50 ASF	0.015 (NH)

+B LINE
–B LINE
SIGNAL LINE

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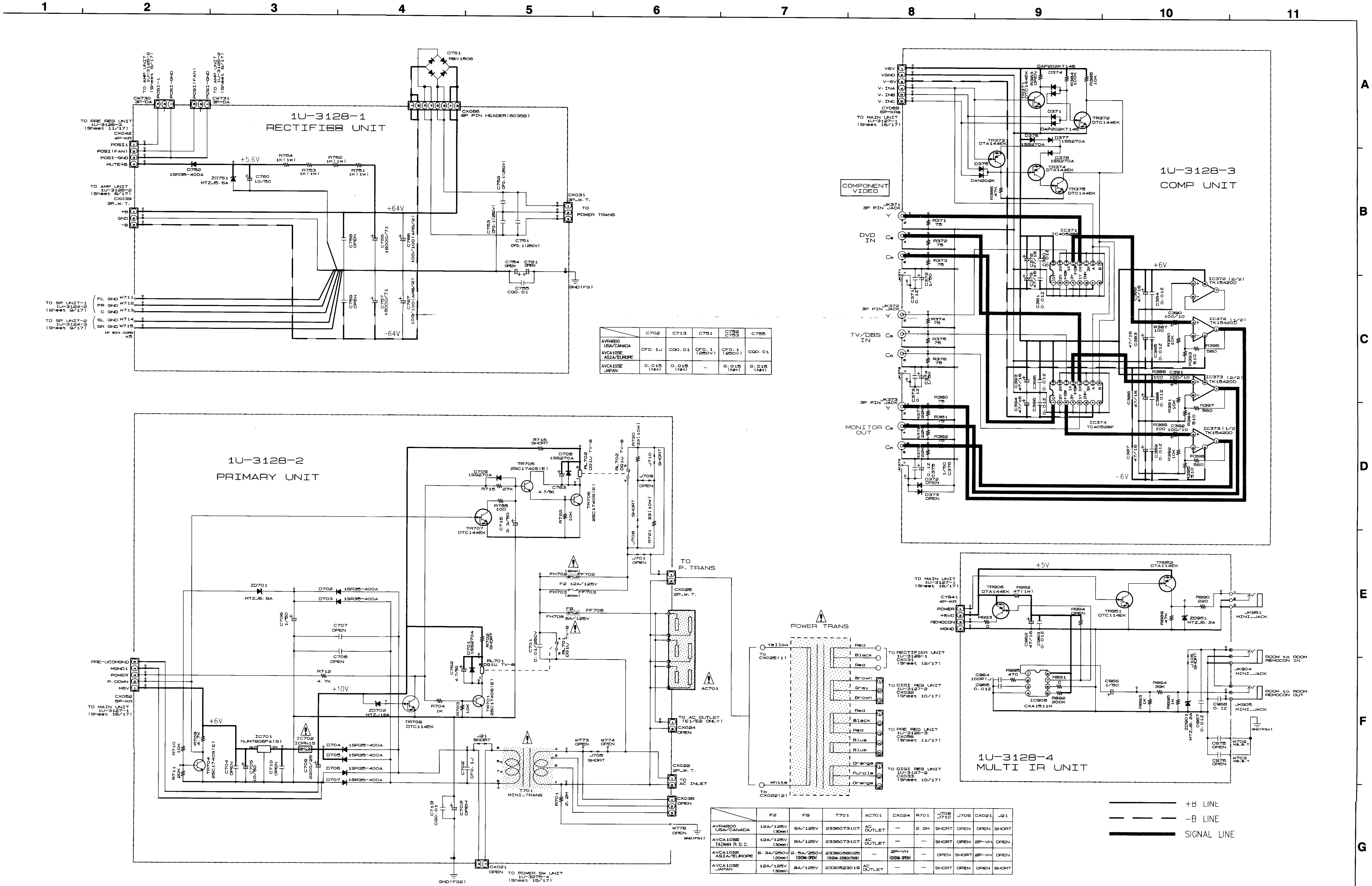
SCHEMATIC DIAGRAMS (10/17, 11/17)
1U-3127-2 DIGI REG UNIT / 1U-3127-3 CONNECT UNIT
1U-3126-3 PRE REG UNIT

SCHEMATIC DIAGRAMS (12/17)



	C702	C713	C751	C752 C753	C755
AVR4800 USA/CANADA AVCA10SE ASIA/EUROPE	CF0.1J	CQ0.01	CF0.1 (250V)	CF0.1 (250V)	CQ0.01
AVCA10SE JAPAN	0.015 (NH)	0.015 (NH)	—	0.015 (NH)	0.015 (NH)

	F2	F8	T701	AC701	CX024	R701	J708 J710	J709	CX021	J21
AVR4800 USA/CANADA	12A/125V (30mm)	8A/125V	2336073107	AC OUTLET	—	2.2M	SHORT	OPEN	OPEN	SHORT
AVCA10SE TAIWAN R.O.C.	12A/125V (30mm)	8A/125V	2336073107	AC OUTLET	—	—	SHORT	OPEN	2P-VH	OPEN
AVCA10SE ASIA/EUROPE	6.3A/250V (20mm)	2.5A/250V (CHINA:OPEN)	2336058025 (CHINA:2336317009)	—	2P-VH (CHINA:OPEN)	—	OPEN	SHORT	2P-VH	OPEN
AVCA10SE JAPAN	12A/125V (30mm)	8A/125V	2330523019	AC OUTLET	—	—	SHORT	OPEN	OPEN	SHORT

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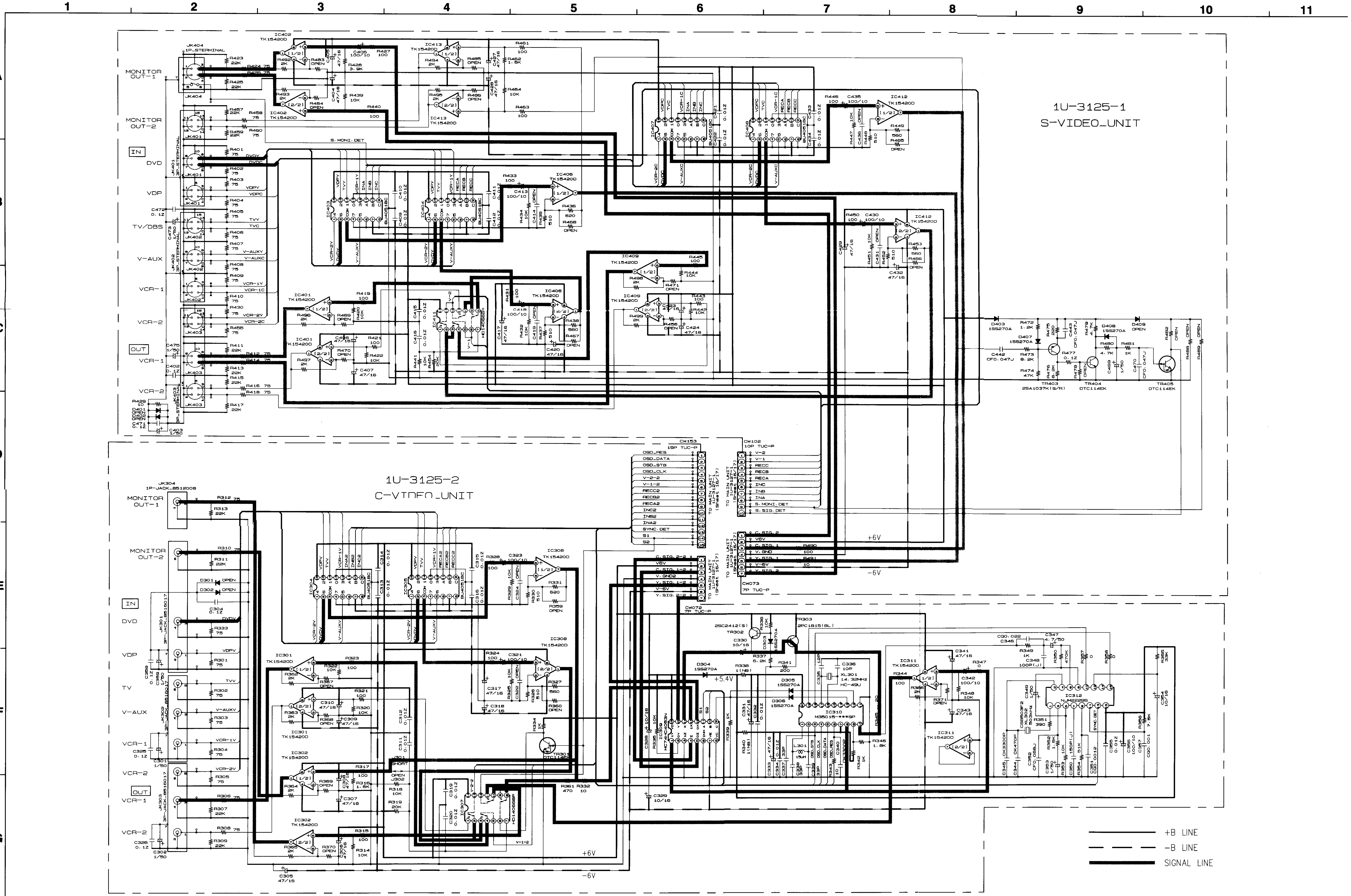
SCHEMATIC DIAGRAMS (12/17)
1U-3128-1 RECTIFIER UNIT
1U-3128-2 PRIMARY UNIT
1U-3128-3 COMP UNIT / 1U-3128-4 MULTI IR UNIT

SCHEMATIC DIAGRAMS (13/17)



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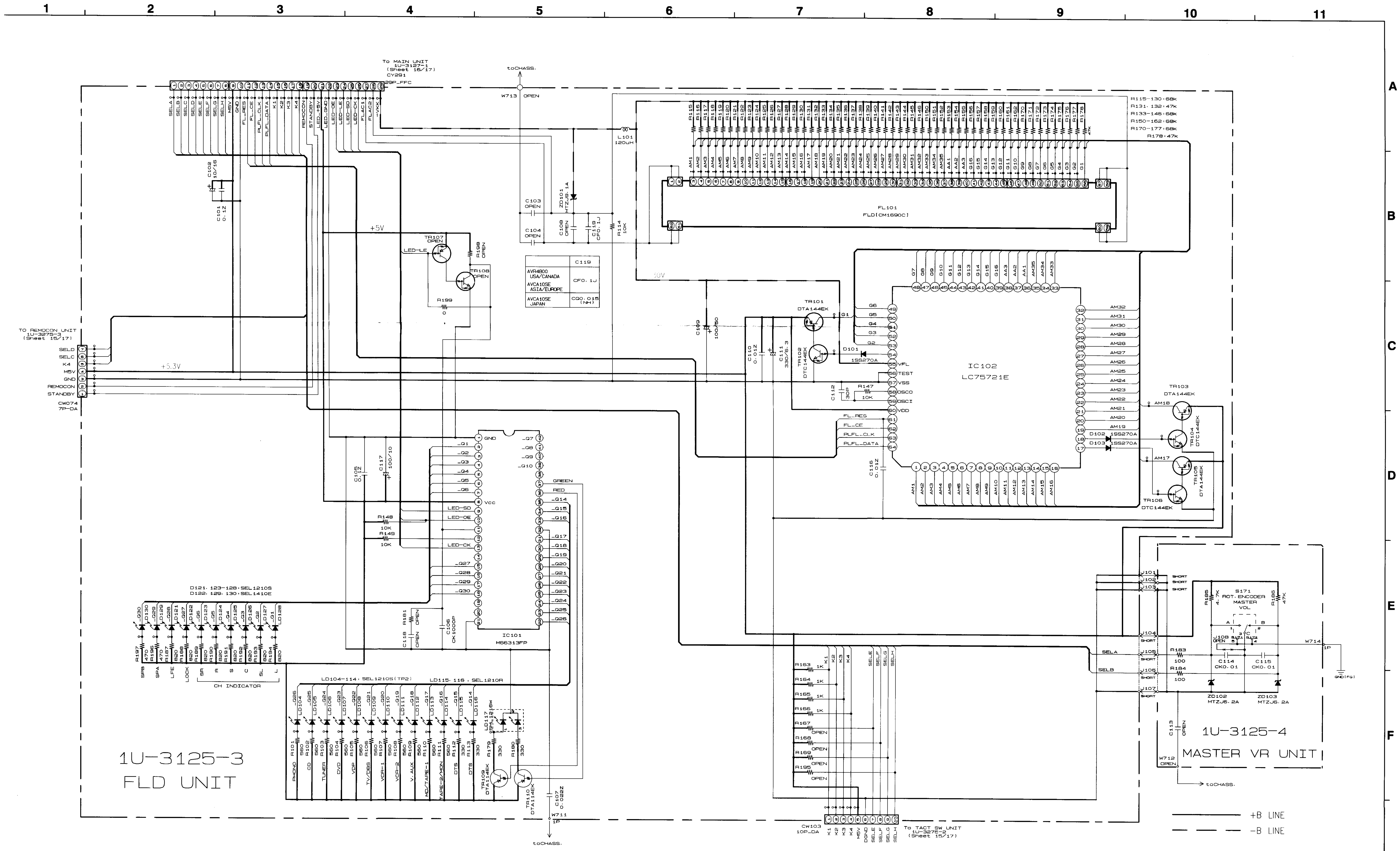
SCHEMATIC DIAGRAMS (13/17)
1U-3125-1 S-VIDEO UNIT/1U-3125-2 C-VIDEO UNIT

SCHEMATIC DIAGRAMS (14/17)



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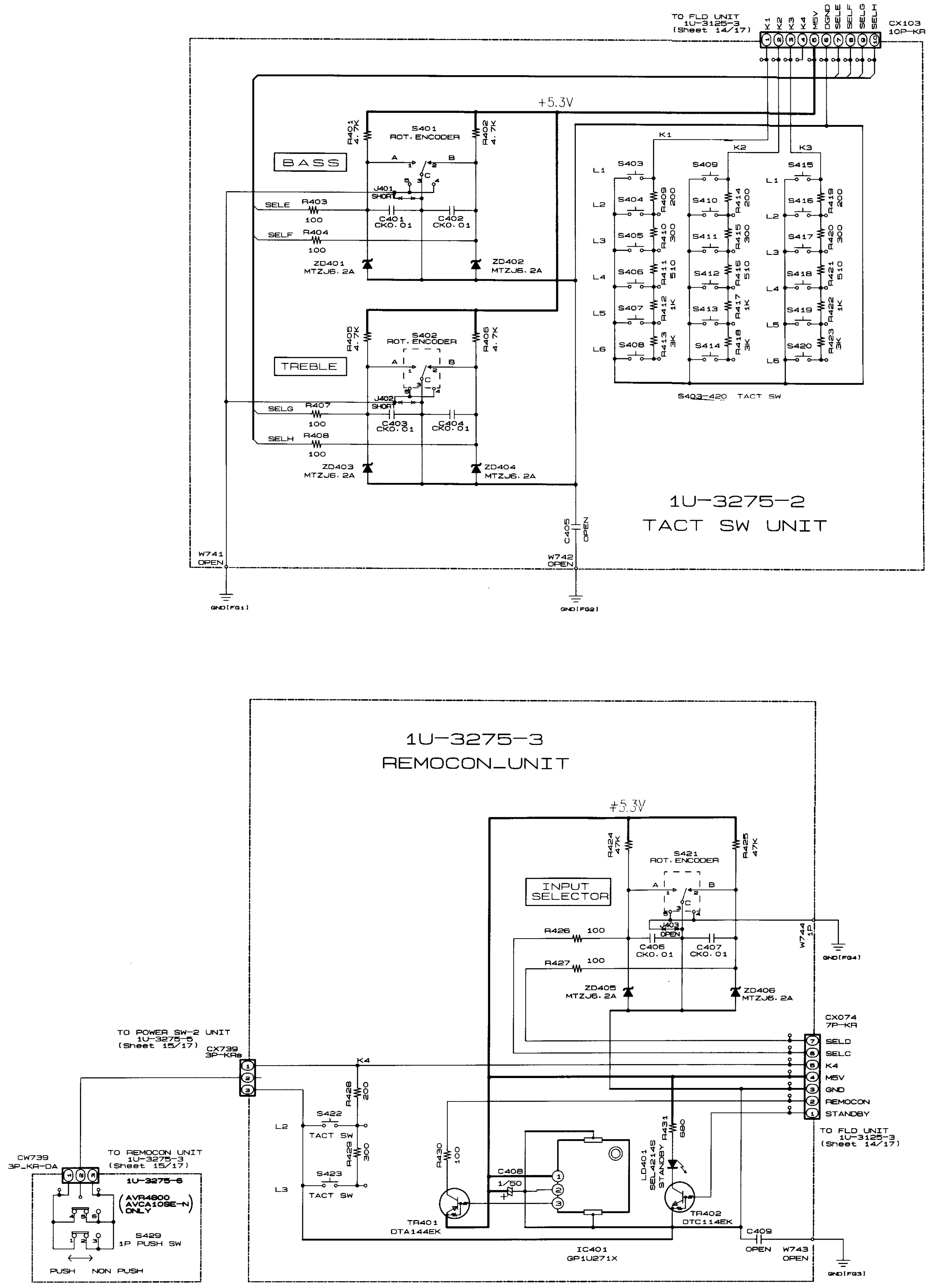
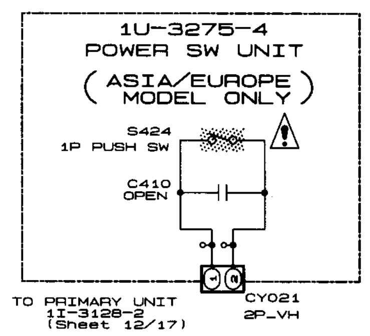
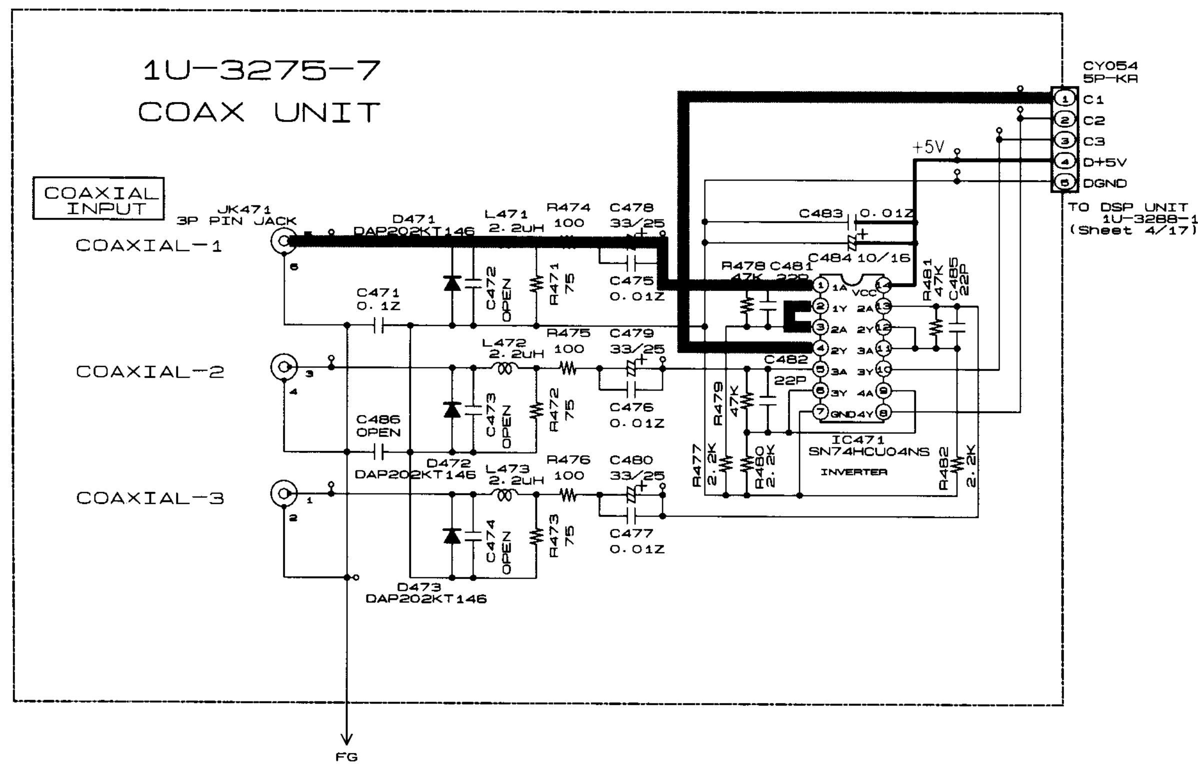
SCHEMATIC DIAGRAMS (14/17)
1U-3125-3 FLD UNIT
1U-3125-4 MASTER VR UNIT

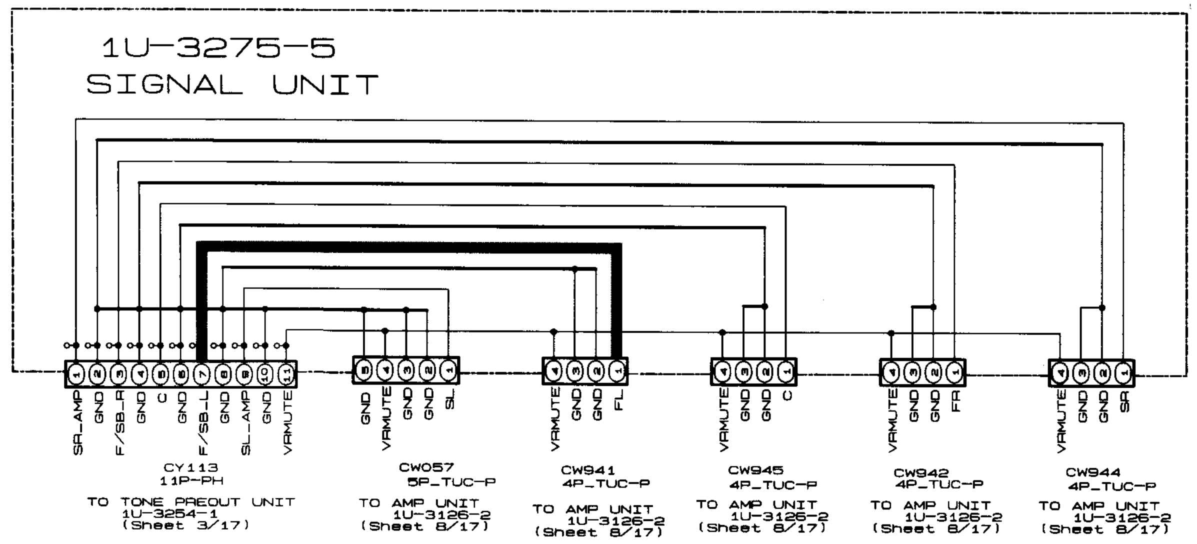
SCHEMATIC DIAGRAMS (15/17)

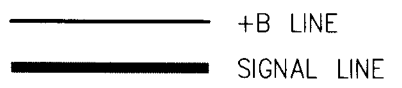


	K1	K2	K3	K4
L1	SURROUND BACK	DIRECT	CH VOLUME DOWN	
L2	INPUT MODE	STEREO	CH VOLUME UP	HOME THX CINEMA
L3	ANALOG	DOLBY/DTS SURROUND	REC/MULTI SOURCE	TAPE-2 MONITOR
L4	6CH/8CH EXT. IN	5CH STEREO	REC/MULTI MODE	
L5	VIDEO SELECT	DSP SIMULATION	DIMMER	
L6	TONE DEFEAT	SELECT	STATUS	









NOTICE
ALL RESISTANCE VALUES IN OHM. k=1,000 OHM M=1,000,000 OHM
ALL CAPACITANCE VALUES IN MICRO FARAD. P=MICRO-MICRO FARAD
EACH VOLTAGE AND CURRENT ARE MEASURED AT NO SIGNAL INPUT CONDITION.
CIRCUIT AND PARTS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

WARNING:
Parts marked with this symbol ⚠ have critical characteristics.
Use ONLY replacement parts recommended by the manufacturer.

CAUTION:
Before returning the unit to the customer, make sure you make either (1) a leakage current check or (2) a line to chassis resistance check. If the leakage current exceeds 0.5 milliamps, or if the resistance from chassis to either side of the power cord is less than 460 kohms, the unit is detective.

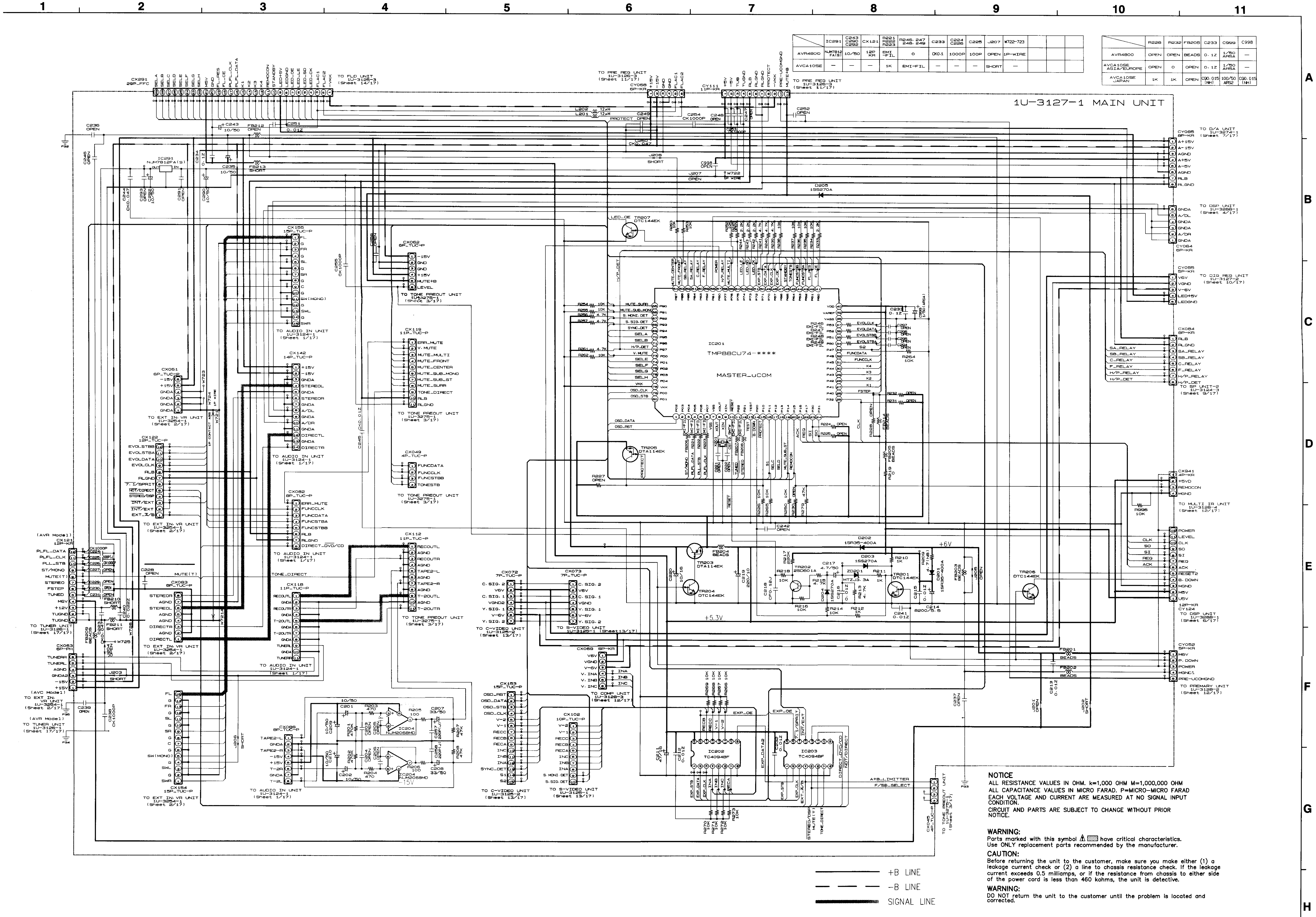
WARNING:
DO NOT return the unit to the customer until the problem is located and

SCHEMATIC DIAGRAMS (15/17)
1U-3275-2 TACT SW UNIT / 1U-3275-3 REMOCON UNIT
1U-3275-4 POWER SW UNIT / 1U-3275-5 SIGNAL UNIT
1U-3275-6 POWER SW-2 UNIT / 1U-3275-7 COAX UNIT

SCHEMATIC DIAGRAMS (16/17)

	IC291	C243 C290 C292	CX121	R221 R222 R223	R246. 247 248. 249	C233	C224 C226	C225	J207	W722-723			
AVR4800	NJM7812 FA(S)	10/50	12P KR	EMI -FIL	0	CK0.1	1000P	100P	OPEN	1P-WIRE			
AVCA10SE	—	—	—	1K	EMI-FIL	—	—	—	SHORT	—			

	R228	R232	FB205	C233	C999	C998
AVR4800	OPEN	OPEN	BEADS	0. 1Z	1/50 ARSA	—
AVCA10SE ASIA/EUROPE	OPEN	0	OPEN	0. 1Z	1/50 ARSA	—
AVCA10SE JAPAN	1K	1K	OPEN	CQ0. 015 (NH)	100/50 ARS2	CQ0. 015 (NH)



NOTICE

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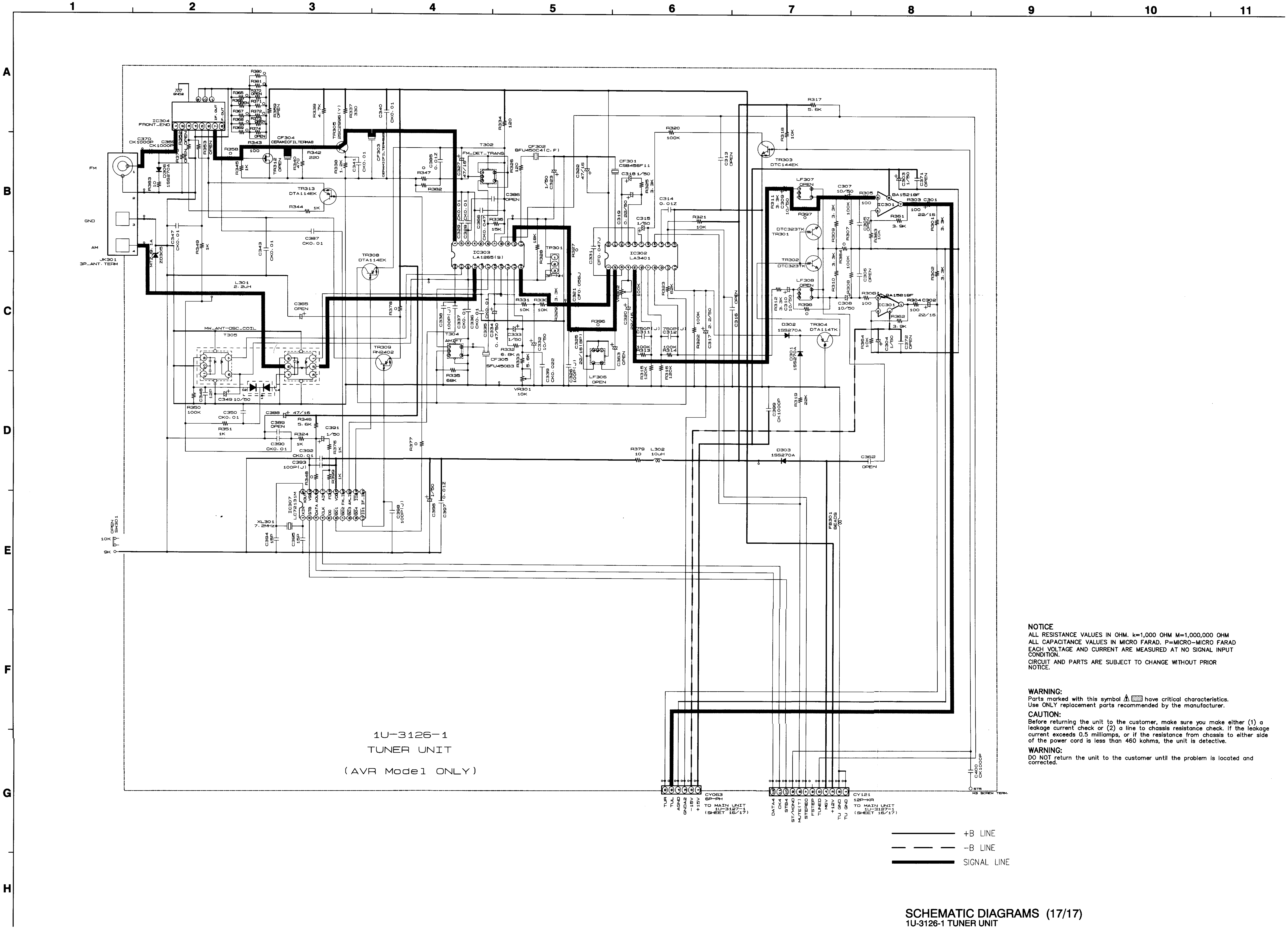
WARNING:

DO NOT return the unit to the customer until the problem is located and corrected.

SCHEMATIC DIAGRAMS (16/17)
1U-3127-1 MAIN UNIT

SCHEMATIC DIAGRAMS (17/17)



NOTICE
ALL RESISTANCE VALUES IN OHM. k=1,000 OHM M=1,000,000 OHM
ALL CAPACITANCE VALUES IN MICRO FARAD. P=MICRO-MICRO FARAD
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CIRCUIT AND PARTS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

WARNING:
Parts marked with this symbol ⚠ have critical characteristics.
Use ONLY replacement parts recommended by the manufacturer.

CAUTION:
Before returning the unit to the customer, make sure you make either (1) a leakage current check or (2) a line to chassis resistance check. If the leakage current exceeds 0.5 milliamps, or if the resistance from chassis to either side of the power cord is less than 460 kohms, the unit is detective.

WARNING:
DO NOT return the unit to the customer until the problem is located and corrected.

SCHEMATIC DIAGRAMS (17/17)
1U-3126-1 TUNER UNIT

DENON

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