

DENON

For U.S.A., Canada, Europe,
Asia, China, Hong Kong,
Korea & Taiwan R.O.C. model

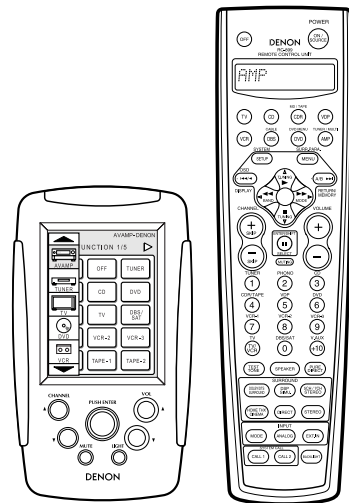
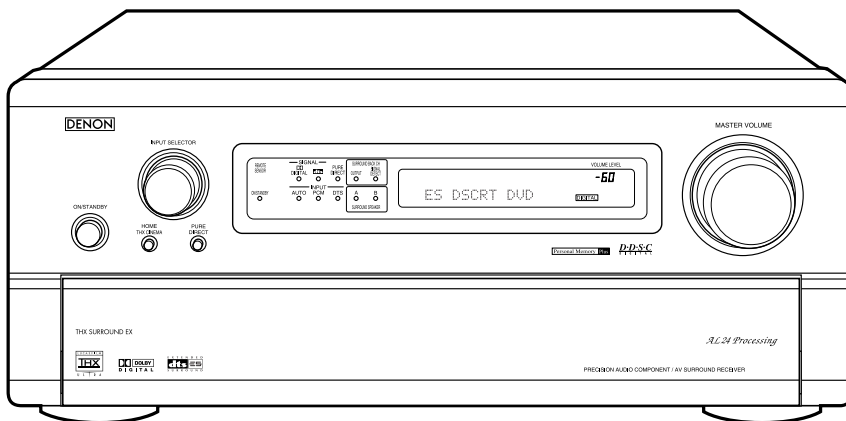
Hi-Fi Component

SERVICE MANUAL

MODEL AVR-4802

MODEL AVC-A11SR

AV SURROUND RECEIVER / AMPLIFIER



For AVR-4802 For AVC-A11SR

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

NIPPON COLUMBIA CO., LTD.

14-14, AKASAKA 4-CHOME, MINATO-KU, TOKYO 107-8011 JAPAN
Telephone: 03 (3584) 8111

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:

Rated output:
(All properties shown are only for the power amplifier stage.)
Dynamic power:

Stereo (2 ch driven)
125 W + 125 W (8 Ω /ohms, 20 Hz ~ 20 kHz with 0.05 % T.H.D.)
150 W + 150 W (6 Ω /ohms, 20 Hz ~ 20 kHz with 0.05 % T.H.D.)
170 W \times 2 ch (8 Ω /ohms)
270 W \times 2 ch (4 Ω /ohms)
350 W \times 2 ch (2 Ω /ohms)
Front/Center: 6 ~ 16 Ω /ohms
Surround: A or B 6 ~ 16 Ω /ohms
A + B 8 ~ 16 Ω /ohms

Output terminals:

Analog:

Input sensitivity/input impedance:
Frequency response:
S/N:
Distortion:
Rated output/maximum output:

200 mV/47 k Ω /kohms
10 Hz ~ 100 kHz: +0, -3 dB (DIRECT mode)
105 dB (DIRECT mode)
0.005 % (20 Hz ~ 20 kHz) (DIRECT mode)
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 — 110 dB
Dynamic range — 108 dB
Format — Digital audio interface

Digital input:

Phono equalizer (PHONO input — REC OUT):

Input sensitivity:
RIAA deviation:
Signal-to-noise ratio:
Rated output/Maximum output:
Distortion factor:

2.5 mV
 \pm 1 dB (20 Hz to 20 kHz)
74 dB (A weighting, with 5 mV input)
150 mV/8V
0.03 % (1 kHz, 3 V)

Video Section

Standard video jacks

Input/output level and impedance:
Frequency response:

1 Vp-p, 75 Ω /ohms
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
5 Hz ~ 10 MHz — +0, -3 dB

Frequency response:

Color component video terminal:

Input/output level and impedance:

Y (brightness) signal — 1 Vp-p, 75 Ω /ohms
Pb/Cb (blue) signal — 0.7 Vp-p, 75 Ω /ohms
Pr/Cr (red) signal — 0.7 Vp-p, 75 Ω /ohms
DC ~ 50 MHz — +0, -3 dB

Frequency response:

Tuner Section

Receiving range:
Usable sensitivity:
50 dB Quieting sensitivity:

[FM] (note: μ V at 75 Ω /ohms, 0 dBf = 1×10^{-15} W)
87.5 MHz ~ 107.9 MHz
1.0 μ V (11.2 dBf)

[AM]
520 kHz ~ 1710 kHz
18 μ V

Signal to Noise Ratio (IHF-A):

MONO 1.6 μ V (15.3 dBf)
STEREO 23 μ V (38.5 dBf)
MONO 77 dB

50 dB

Total Harmonic Distortion (at 1 kHz):

STEREO 72 dB
MONO 0.15 %
STEREO 0.3 %

General

Power supply:

AC 120 V, 60 Hz (U.S.A., Canada & Taiwan R.O.C. model)
AC 230 V, 50 Hz (Europe & Asia model)

Power consumption:

AC 220 V, 50 Hz (China model)
10.5 A (U.S.A., & Canada model)

Maximum external dimensions:

434 (W) \times 179 (H) \times 485 (D) mm (17-3/32" \times 7-3/64" \times 19-3/32")

Mass:

20.5 kg (45 lbs 3.1 oz)

Remote Control Unit (RC-8000): AVR Model only

Batteries:
External dimensions:
Mass:

LR6/AA Type (four batteries)
96 (W) \times 38 (H) \times 168.5 (D) mm (3-25/32" \times 1-1/2" \times 6-41/64")
242 g (Approx. 8.5 oz) (not including batteries)

Remote Control Unit (RC-899): AVC Model only

Batteries:
External dimensions:
Mass:

R6P/AA Type (three batteries)
61 (W) \times 230 (H) \times 34 (D) mm (2-13/32" \times 9-1/16" \times 1-11/32")
150 g (Approx. 5.3 oz) (not including batteries)

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

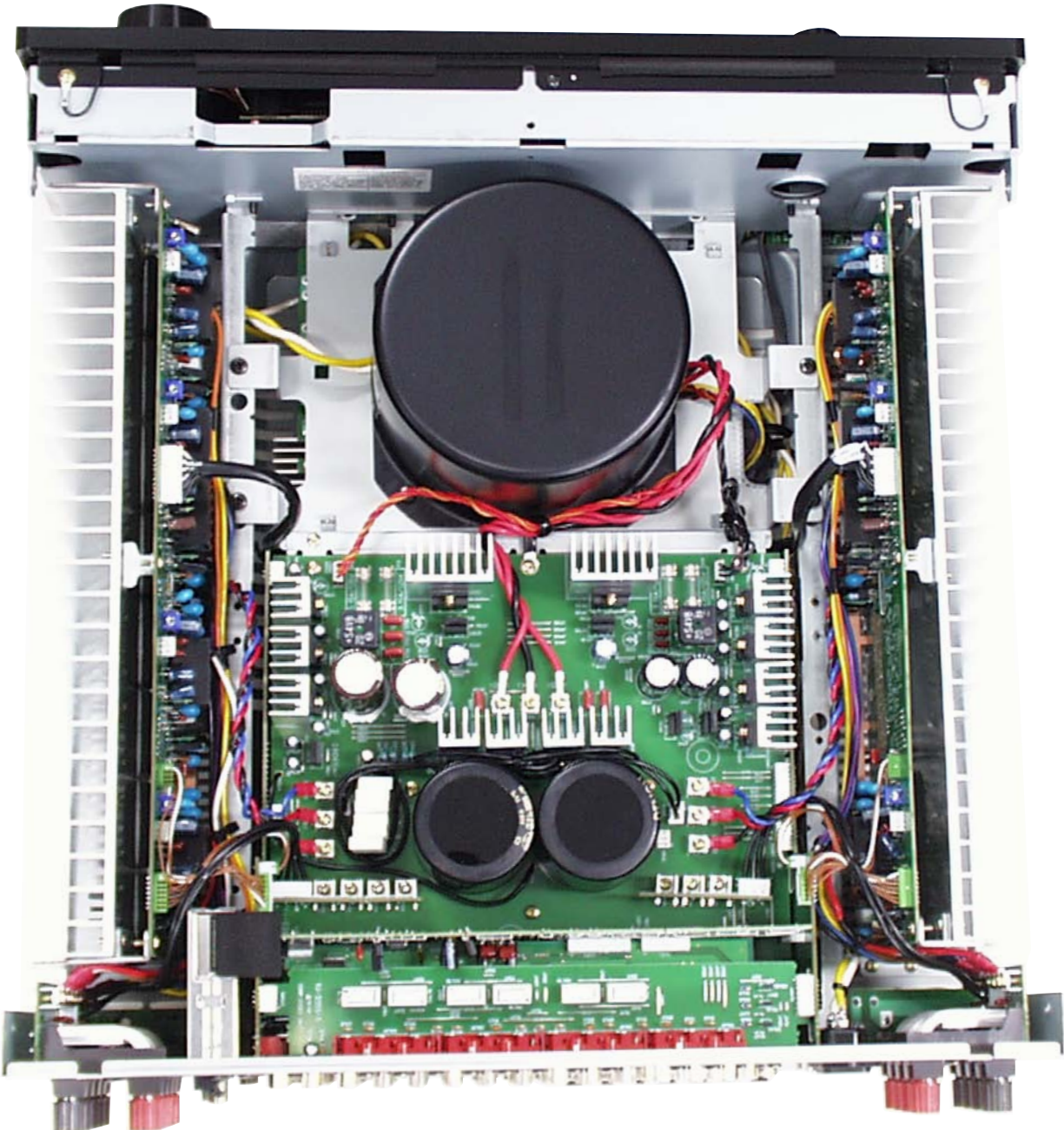
CAUTION IN SERVICING

When you have replaced the 1U-3291 Unit, or changed the CPU, DSP, or their peripheral parts, be sure to perform "RESET" by pressing S803 on the DSP Unit Ass'y in the state of Standby or Power-on.

WIRE ARRANGEMENT

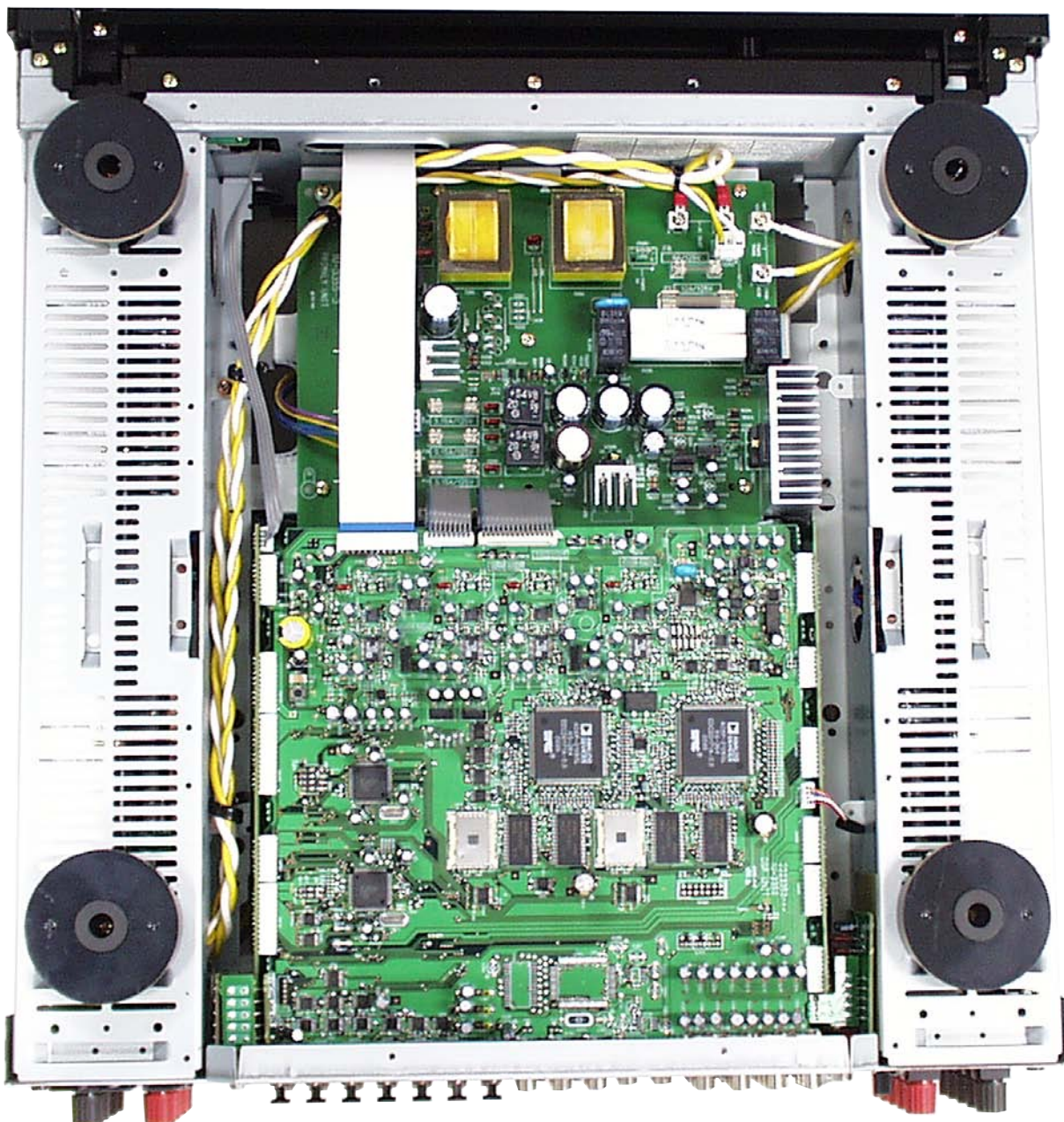
If wire bundles are untied or moved to perform adjustment or parts replacement etc., be sure to rearrange them neatly as they were originally bundled or placed afterward.

Otherwise, incorrect arrangement can be a cause of noise generation.

Wire arrangement viewed from the top**Front Panel side****Back Panel side**

Wire arrangement viewed from the bottom

Front Panel side



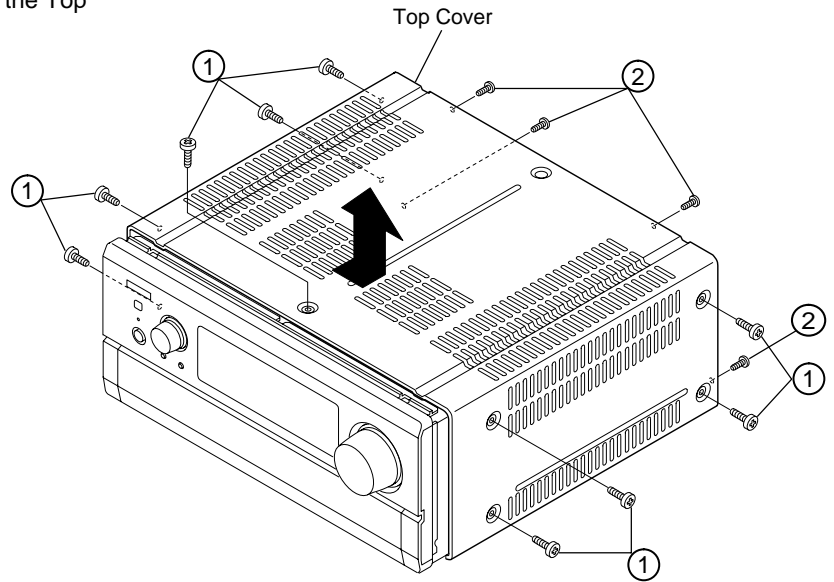
Back Panel side

DISASSEMBLY

(Follow the procedure below in reverse order when reassembling)

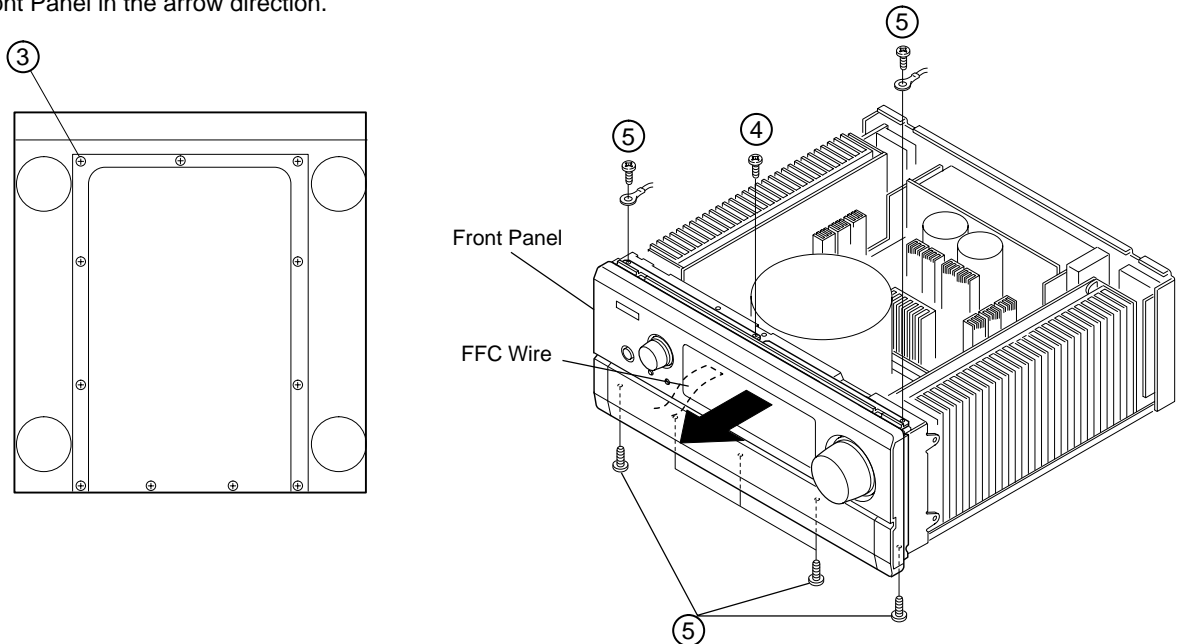
Top Cover

- (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.



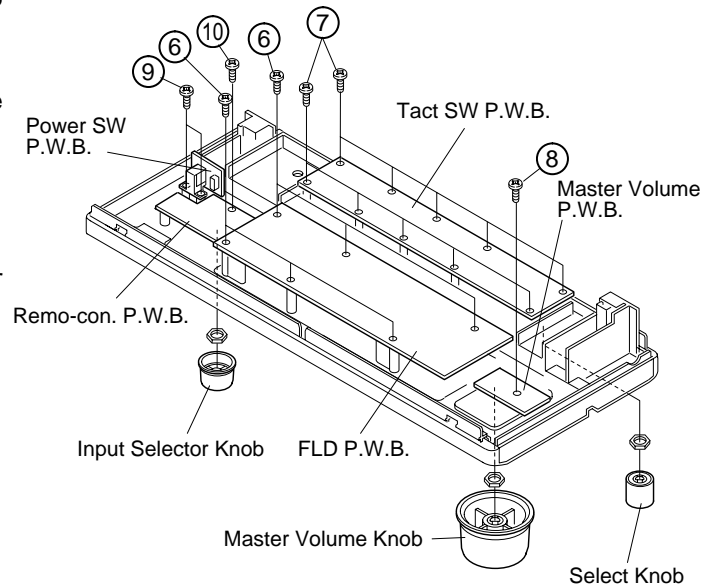
Front Panel

- (1) Remove 11 screws ③ and detach the Bottom Cover.
- (2) Remove the screw ④, 7 screws ⑤.
- (3) Disconnect FFC wire from its connector, and detach the Front Panel in the arrow direction.



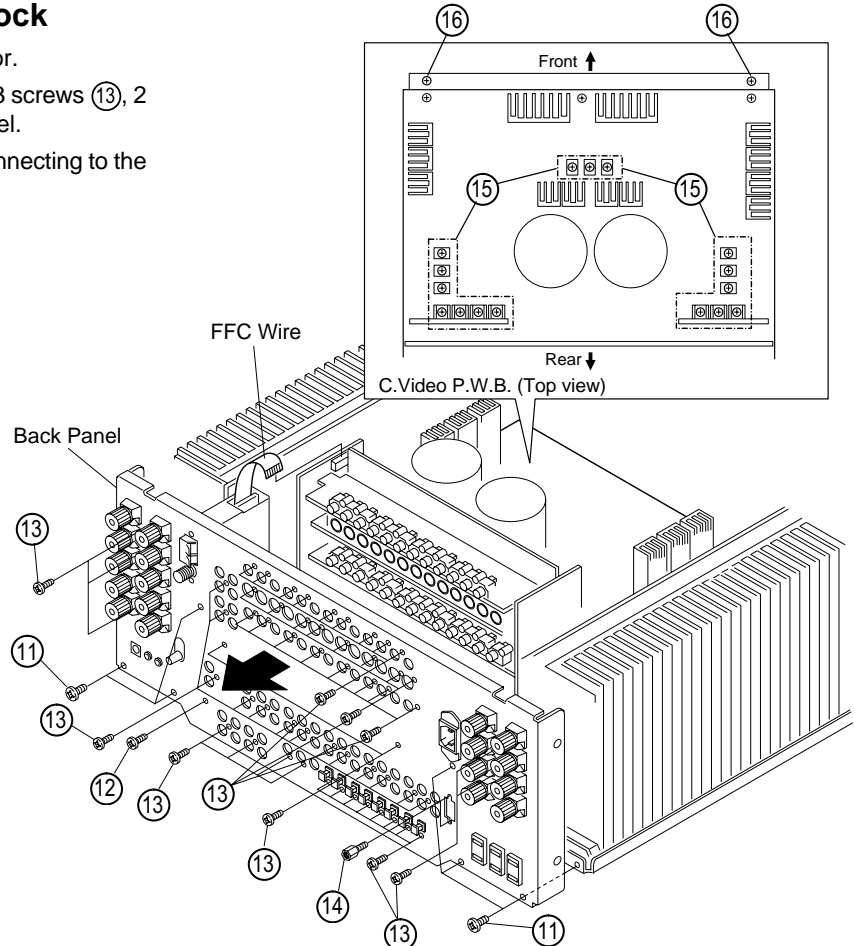
P.W.B.s on Front Panel

- (1) FLD P.W.B.
Remove 6 screws (6).
- (2) Tact SW P.W.B.
Remove 10 screws (7) after taking off the select knob and nut.
- (3) Master VR P.W.B.
Remove the screw (8) after taking off the master volume knob and nut.
- (4) Power SW P.W.B.
Remove 2 screws (9).
- (5) Remo-con. P.W.B.
Remove the screw (10) after taking off the input selector knob and nut.



S. Video P.W.B. / C. Video P.W.B. / Comp Video P.W.B. / Audio P.W.B. Block

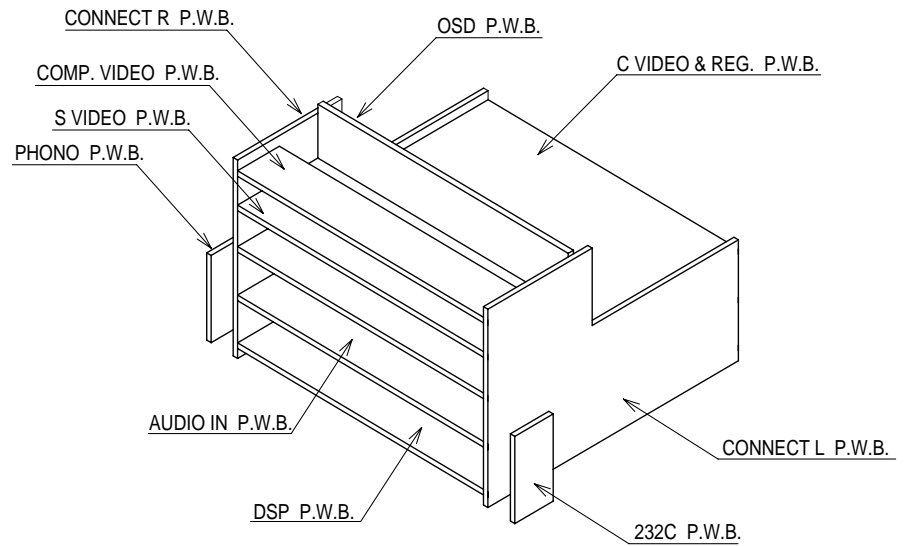
- (1) Disconnect the FFC from its connector.
- (2) Remove 6 screws (11), 3 screws (12), 53 screws (13), 2 screws (14), and detach the Back Panel.
- (3) Remove 16 screws (15) of the wires connecting to the C. Video P.W.B.
- (4) Remove 2 screws (16).



P.W.B. Block

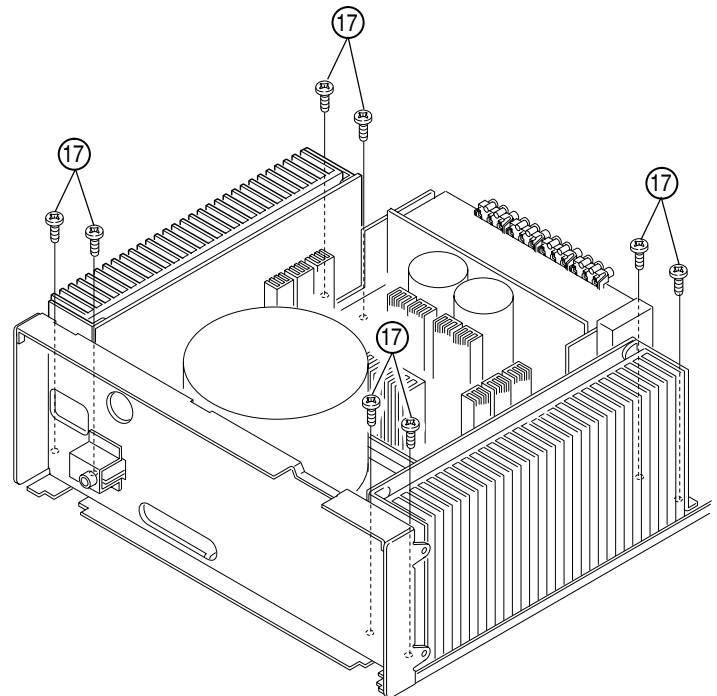
Remove P.W.B.s in the following order.

1. Connect L P.W.B.
2. Comp. Video P.W.B.
3. S Video P.W.B./C Video & Reg. P.W.B./OSD P.W.B.
4. Audio In P.W.B.
5. DSP P.W.B.



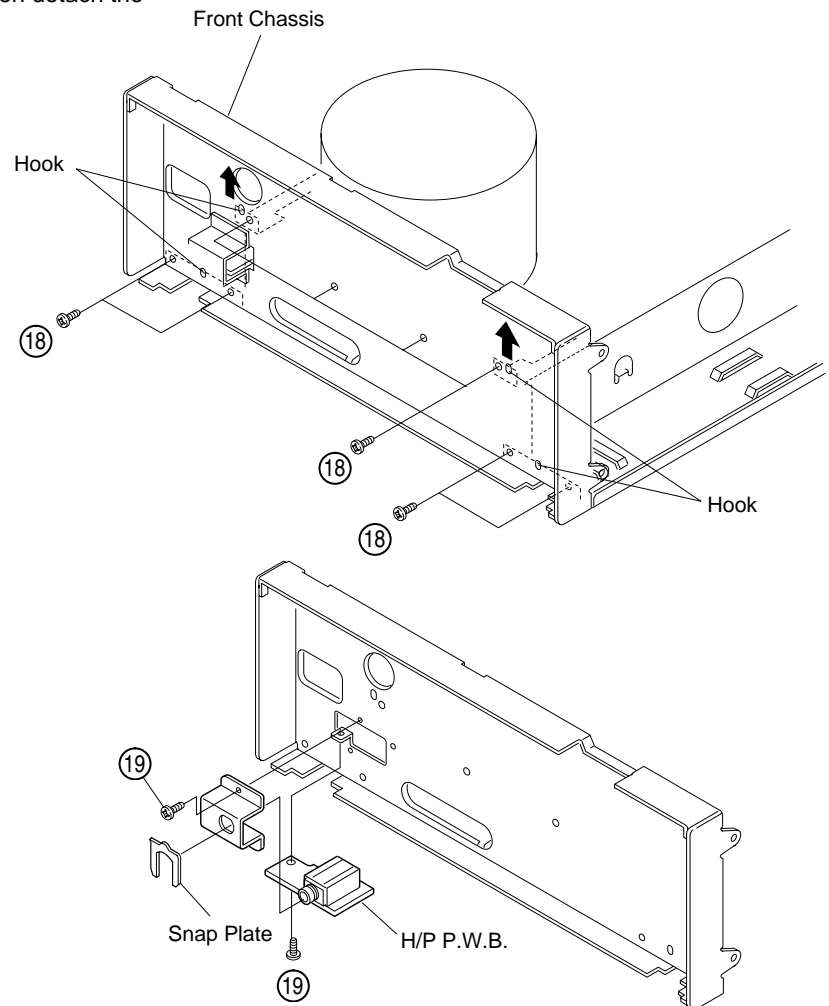
Power AMP L/R P.W.B.

- (1) Remove 8 screws (17) fastening to the chassis.



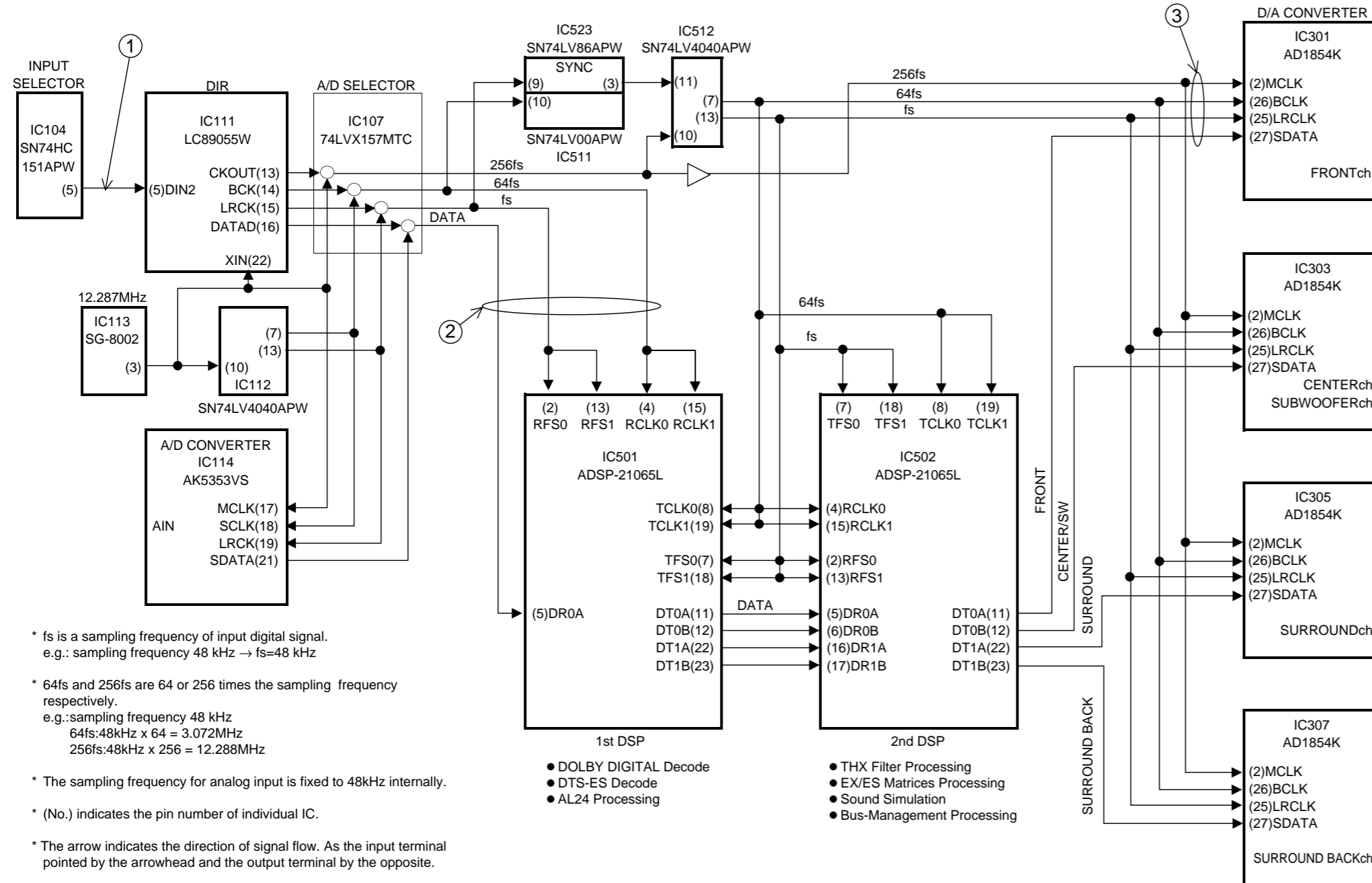
Front Chassis, H/P P.W.B.

- (1) Remove 8 screws (18).
- (2) Detach the Front Chassis by pulling upward to release 4 hooks.
- (3) Remove 2 screws (19) and snap plate, then detach the H/P P.W.B.



CLOCK FLOW & WAVE FORM IN DIGITAL BLOCK

Clock Flow



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

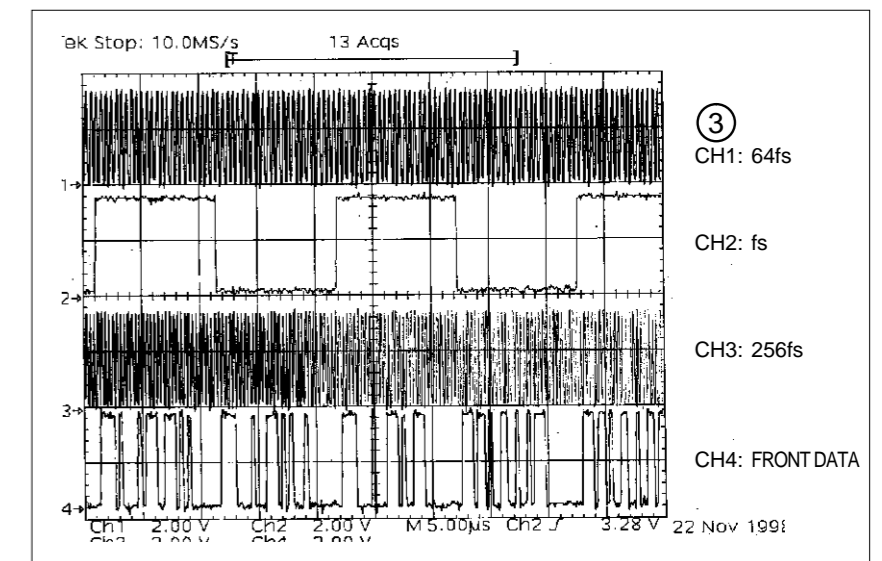
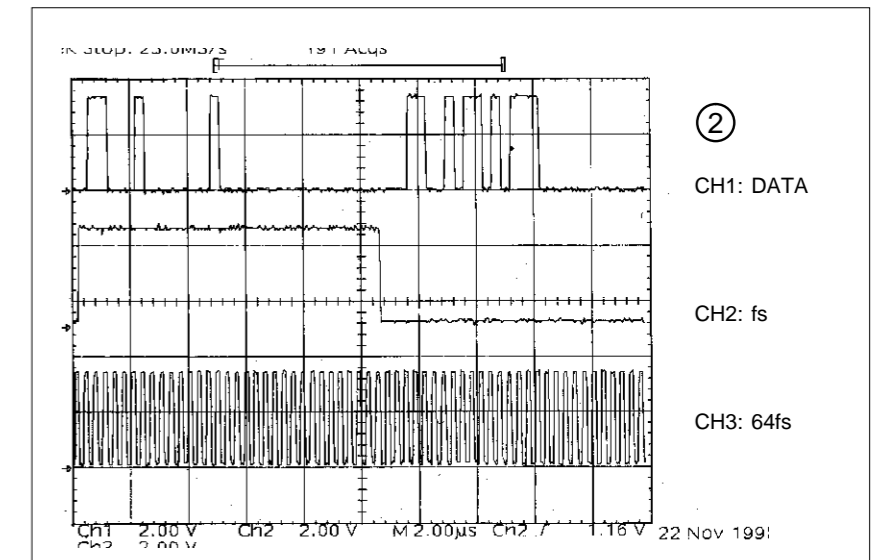
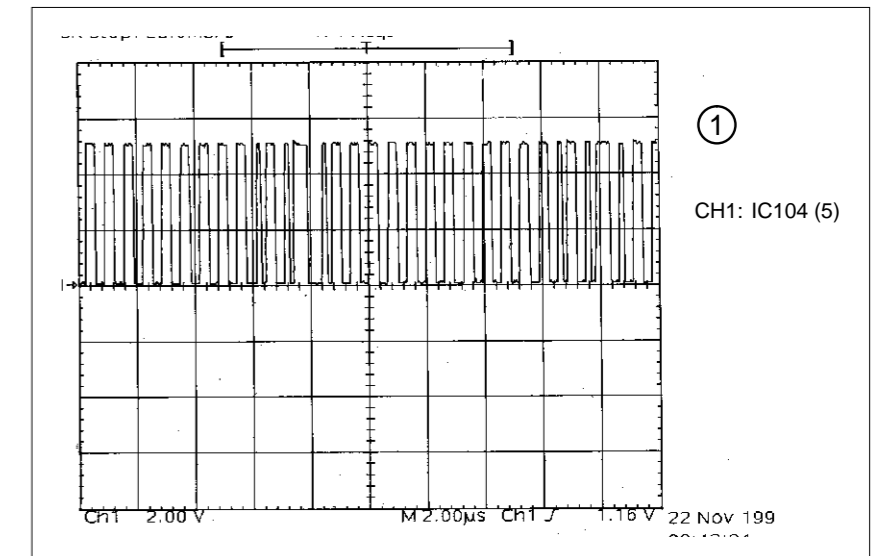
* 64fs and 256fs are 64 or 256 times the sampling frequency respectively.
e.g.:sampling frequency 48 kHz
64fs:48kHz x 64 = 3.072MHz
256fs:48kHz x 256 = 12.288MHz

* 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.

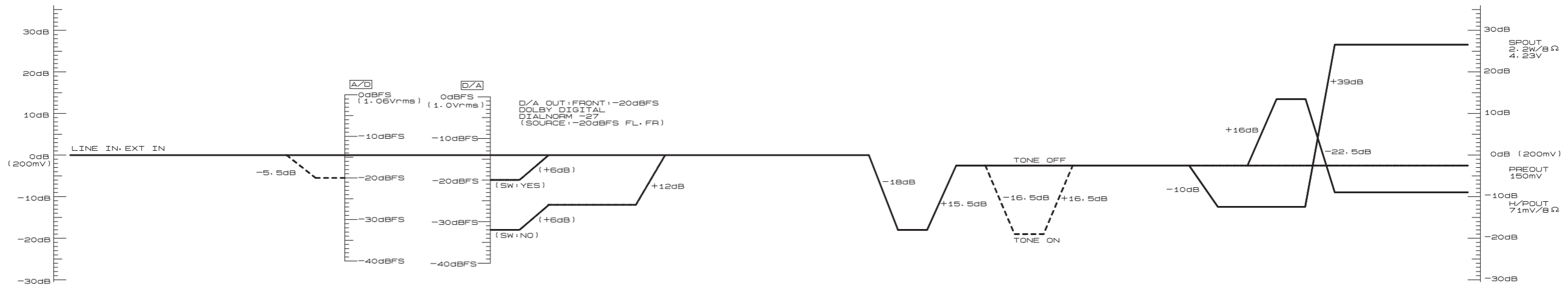
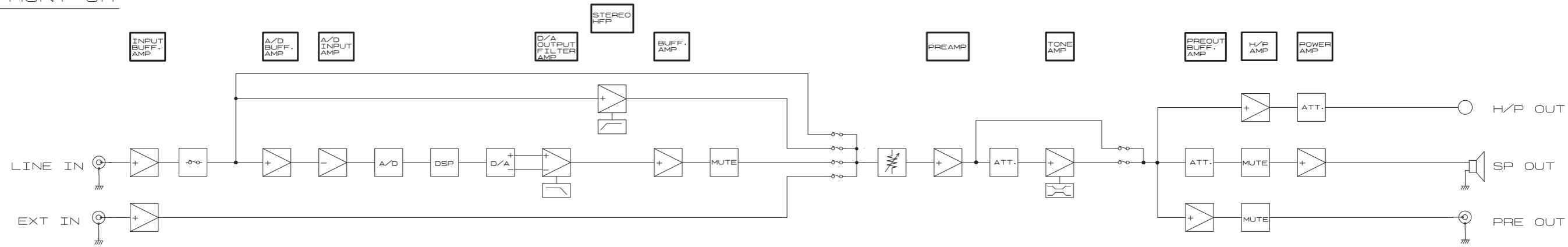
Wave Form



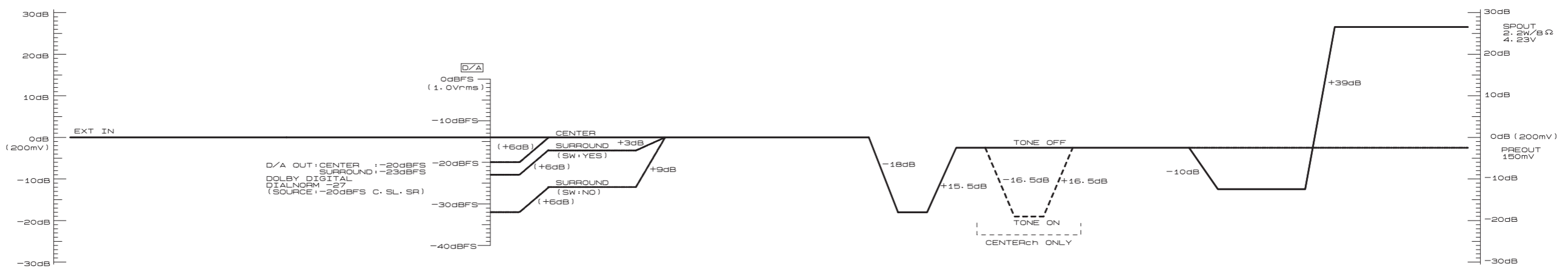
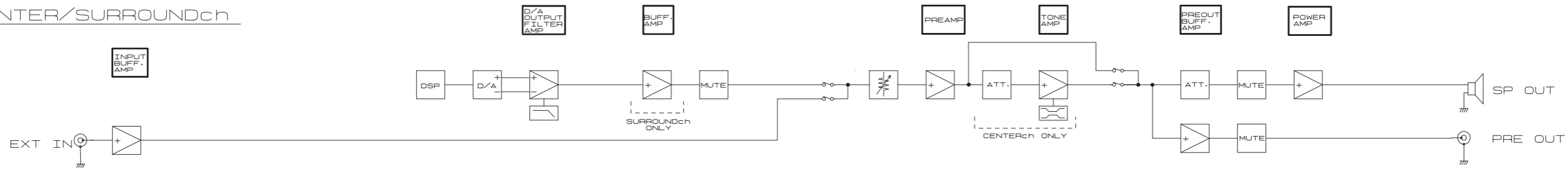
LEVEL DIAGRAMS (1/2)

1 2 3 4 5 6 7 8

FRONT ch



CENTER/SURROUNDch



A

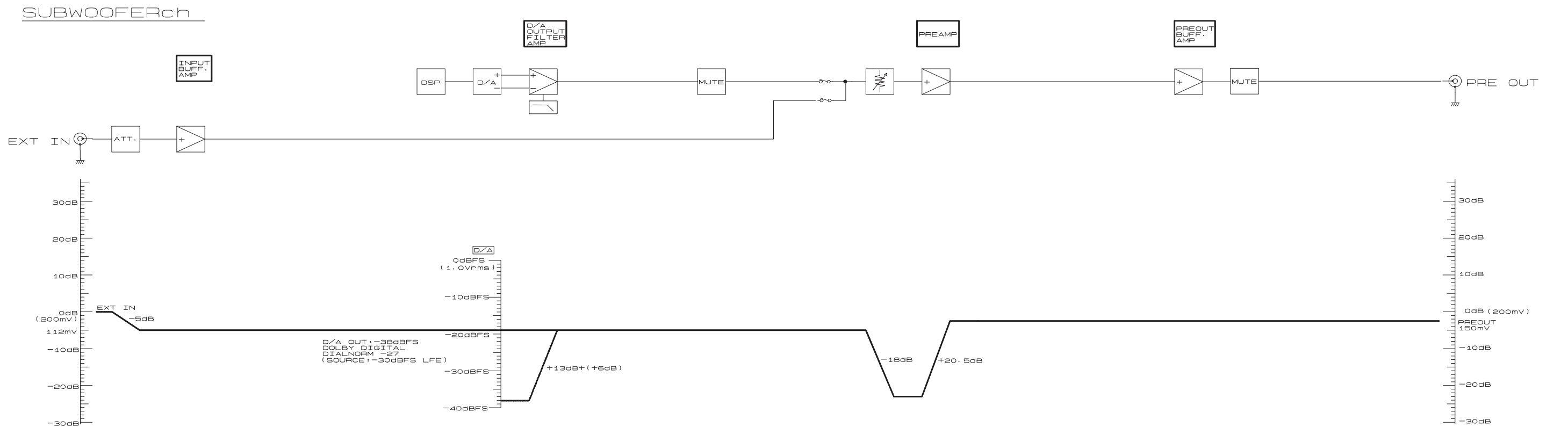
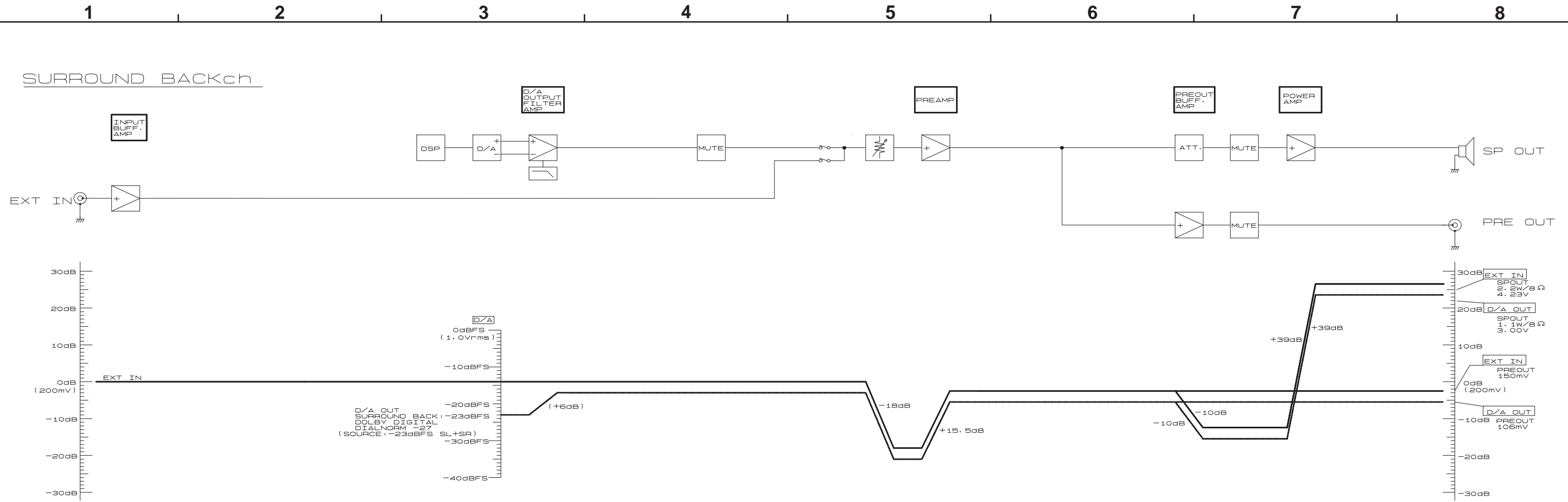
B

C

D

E

LEVEL DIAGRAMS (2/2)



A
B
C
D
E

ADJUSTMENT

Audio Section

Idling Current (1U-3356-1, 2)

Required measurement equipment : DC Voltmeter

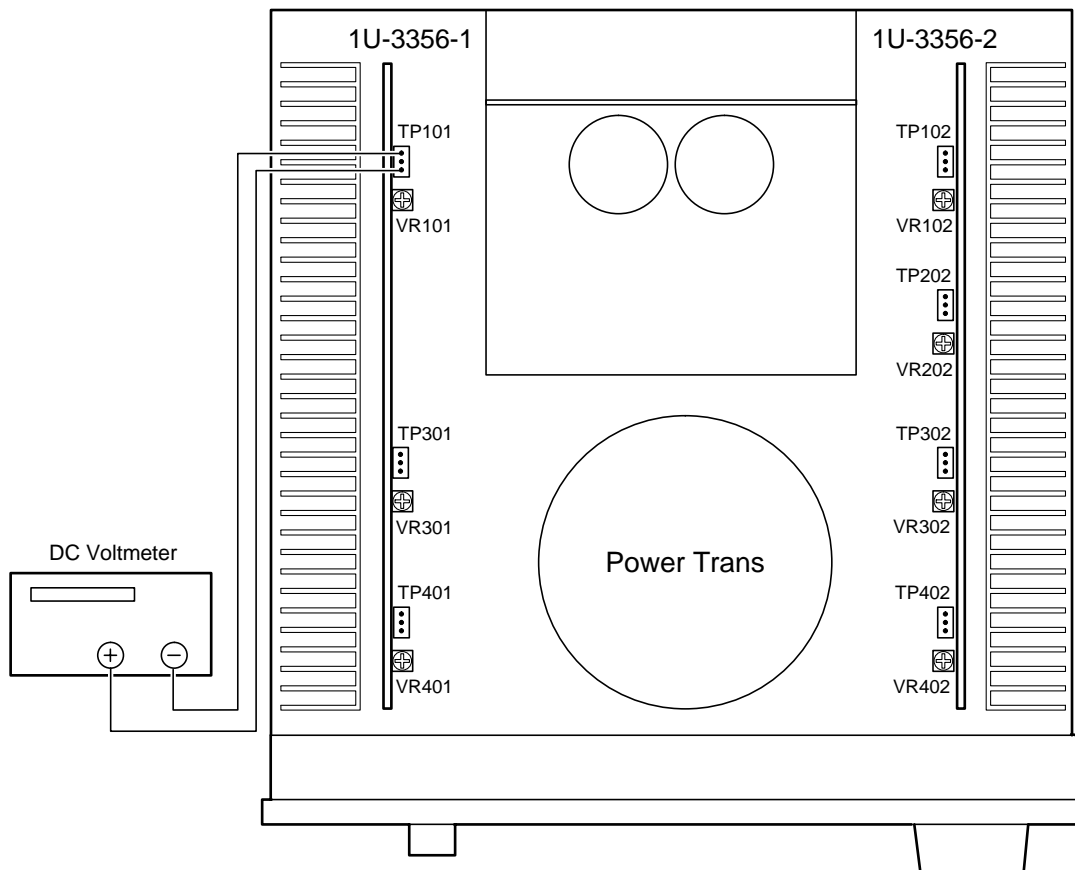
Preparation

- (1) Avoid direct blow from an air conditioner or an electric fan, and adjust the unit at normal room temperature 15 °C ~ 30 °C (59 °F ~ 86 °F).
- (2) Presetting
 - POWER (Power source switch) → OFF
 - SPEAKER (Speaker terminal) → No load (Do not connect speaker, dummy resistor, etc.)

Adjustment

- (1) Remove top cover and set VR101, VR301, VR401 on 1U-3356-1 (Power Amp L unit), VR102, VR202, VR302, VR402 on 1U-3356-2 (Power Amp. R Unit) at fully counterclockwise (⚙) position.
- (2) Connect DC Voltmeter to test points (FRONT-Lch: TP101, FRONT-Rch: TP102, CENTER ch: TP202, SURROUND-Lch: TP301, SURROUND-Rch: TP302, SURROUND BACK-Lch: TP401, SURROUND BACK-Rch: TP402).
- (3) Connect power cord to AC Line, and turn power switch "ON".
- (4) Presetting.

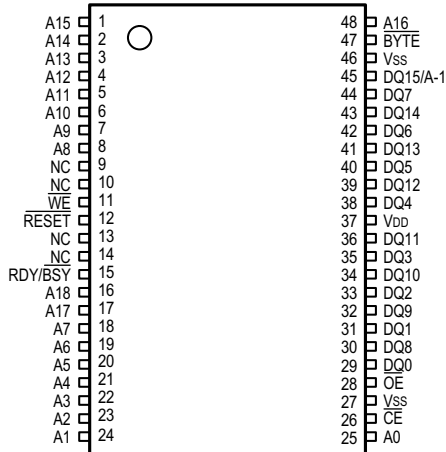
MASTER VOLUME	: "----" counterclockwise (⚙ min.)
MODE	: 5CH/7CH STEREO
FUNCTION	: CD
- (5) Within 2 minutes after the power on, turn VR101 clockwise (⚙) to adjust the TEST POINT voltage to 2 mV ±0.5 mV DC.
- (6) After 10 minutes from the preset above, turn VR101 to set the voltage to 2 mV ±0.5 mV DC.
- (7) Adjust the Variable Resistors of other channels in the same way.



SEMICONDUCTORS

● IC's

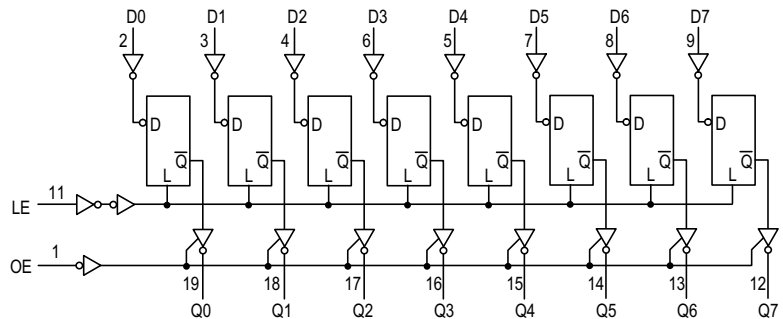
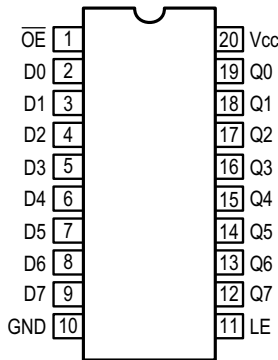
LH28F800BVE-BTL90 (IC504, 507)



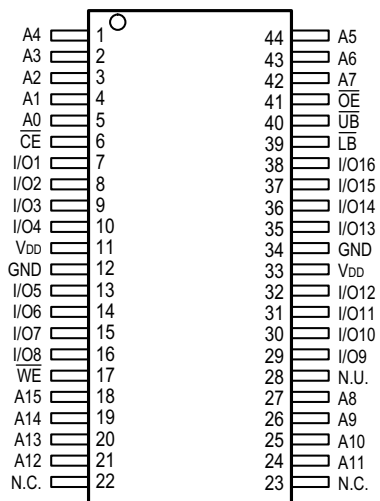
Symbol	Function
A0~A18	Address input
DQ0~DQ14	Data in/output
DQ15/A-1	Data in/output/Address input
\overline{CE}	Chip enable input
\overline{OE}	Output enable input
\overline{BYTE}	Word/byte select input
\overline{WE}	Write enable input
$\overline{RDY/BSY}$	Ready/busy output
\overline{RESET}	Hardware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

SN74AHCT573PW (IC516, 520)

SN74LV573ANS (IC517, 521)

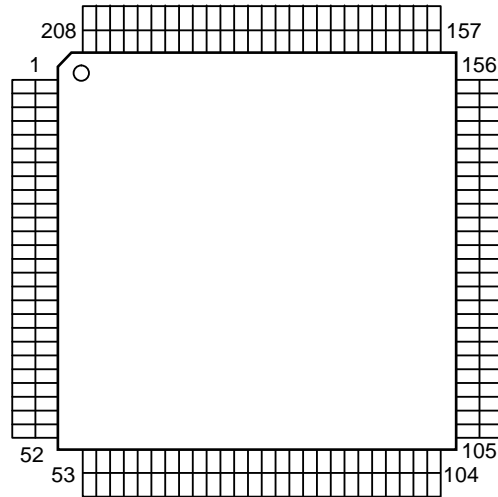


16MB SDRAM TSOP-8 H/W (IC505, 506, 508, 509)



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

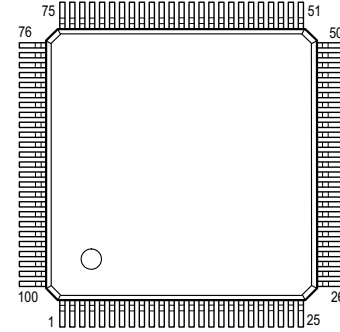
ADSP-21065L (IC501, 502)



ADSP-21065L 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	VDD	36	VDD	71	MS1	106	GND	141	VDD	176	VDD
2	RFS0	37	SDCLK0	72	GND	107	DATA15	142	NC	177	GND
3	GND	38	DMAR1	73	GND	108	DATA16	143	ID1	178	ADDR11
4	RCLK0	39	DMAR2	74	MS2	109	DATA17	144	ID0	179	ADDR10
5	DR0A	40	HBR	75	MS3	110	VDD	145	EMU	180	ADDR9
6	DR0B	41	GND	76	FLAG11	111	DATA18	146	TDO	181	GND
7	TFS0	42	RAS	77	VDD	112	DATA19	147	TRST	182	VDD
8	TCLK0	43	CAS	78	FLAG10	113	DATA20	148	TDI	183	ADDR8
9	VDD	44	SDWE	79	FLAG9	114	GND	149	TMS	184	ADDR7
10	GND	45	VDD	80	FLAG8	115	NC	150	GND	185	ADDR6
11	DT0A	46	DQM	81	GND	116	DATA21	151	TCK	186	GND
12	DT0B	47	SDCKE	82	DATA0	117	DATA22	152	BSEL	187	GND
13	RFS1	48	SDA10	83	DATA1	118	DATA23	153	BMS	188	ADDR5
14	GND	49	GND	84	DATA2	119	GND	154	GND	189	ADDR4
15	RCLK1	50	DMAG1	85	VDD	120	VDD	155	GND	190	ADDR3
16	DR1A	51	DMAG2	86	DATA3	121	DATA24	156	VDD	191	VDD
17	DR1B	52	HBG	87	DATA4	122	DATA25	157	RESET	192	VDD
18	TFS1	53	BMSTR	88	DATA5	123	DATA26	158	VDD	193	ADDR2
19	TCLK1	54	VDD	89	GND	124	VDD	159	GND	194	ADDR1
20	VDD	55	CS	90	DATA6	125	GND	160	ADDR23	195	ADDR0
21	VDD	56	SBTS	91	DATA7	126	DATA27	161	ADDR22	196	GND
22	DT1A	57	GND	92	DATA8	127	DATA28	162	ADDR21	197	FLAG0
23	DT1B	58	WR	93	VDD	128	DATA29	163	VDD	198	FLAG1
24	PWM_EVENT1	59	RD	94	GND	129	GND	164	ADDR20	199	FLAG2
25	GND	60	GND	95	VDD	130	VDD	165	ADDR19	200	VDD
26	PWM_EVENT0	61	VDD	96	DATA9	131	VDD	166	ADDR18	201	FLAG3
27	BR1	62	GND	97	DATA10	132	DATA30	167	GND	202	NC
28	BR2	63	REDY	98	DATA11	133	DATA31	168	GND	203	NC
29	VDD	64	SW	99	GND	134	FLAG7	169	ADDR17	204	GND
30	CLKIN	65	CPA	100	DATA12	135	GND	170	ADDR16	205	IRQ0
31	XTAL	66	VDD	101	DATA13	136	FLAG6	171	ADDR15	206	IRQ1
32	VDD	67	VDD	102	NC	137	FLAG5	172	VDD	207	IRQ2
33	GND	68	GND	103	NC	138	FLAG4	173	ADDR14	208	NC
34	SDCLK1	69	ACK	104	DATA14	139	GND	174	ADDR13		
35	GND	70	MS0	105	VDD	140	VDD	175	ADDR12		

TMP95FY64F (IC801)



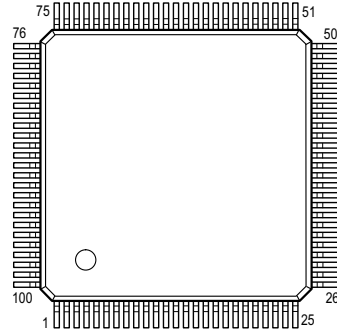
TMP95FY64F Terminal Function

Pin No.	Name	Symbol	I/O	Type	Det	Op	Res	Ini	Function
1	VREFL	VREFL	—	—	—	—	—	—	A/D ref. GND
2	AVss	AVss	—	—	—	—	—	—	A/D GND
3	AVcc	AVcc	—	—	—	—	—	—	AD +5V
4	DAOUT0	DAOUT0							No connection
5	DAOUT1	DAOUT1	O	C	—	Od	L	L	No connection
6	_NMI	_NMI	I	—	—	—	—	—	Not used (fixed to H)
7	P53/_BUSRQ	ASIC RESET	O	N	—	Eu	H	H	ASIC control terminal (L: Reset)
8	P54/_BUSAK	WP1	O	C	—	Od			Memory write protect for DSP1
9	P55/_WAIT	WP2	O	C	—	Od			Memory write protect for DSP2
10	P56/INT0	B.DOWN	I	—	E↓&L	Eu	Z	—	Power down detect (L: Detected)
11	P57/SCLK2/_CTS2	ROM_RES1	O	C	—	Od			Memory reset for DSP1
12	P80/TxD0	MISO	O	C					MAIN-SUB μcom comm. control terminal (Data out)
13	P81/RxD0	MOSI	I	—					MAIN-SUB μcom comm. control terminal (Data in)
14	P82/SCLK0/_CTS0	CLK	I/O	C					MAIN-SUB μcom comm. control terminal (I2C clock in/out)
15	P83/TxD1	DIR MOSI	O	C	—	—	Z	L	DIR control terminal (LC89055Q), control data output
16	P84/RxD1	DIR MISO	I	—	Lv	—	—	—	DIR control input terminal (LC89055Q), control data input
17	P85/SCLK1/_CTS1	DIR CLK	O	C	—	—	Z	L	DIR control terminal (LC89055Q), control clock output
18	P86/TxD2	TxD	O	C	—	—	Z	L	Data send output to external (common with 1394 data comm.)
19	P87/RxD2	RxD	I	—	Lv	—	—	—	Data receive input from external (common with 1394 data comm.)
20	P60/_CS0	D.EXP OE	O	C	—	—	Z	L	Port Expander control out for DIGITAL input switching (TC4094B)
21	P61/_CS1	D.EXP CLK	O	C	—	—	Z	L	Port Expander control out for DIGITAL input switching (TC4094B)
22	P62/_CS2	D.EXP DATA	O	C	—	—	Z	L	Port Expander control out for DIGITAL input switching (TC4094B)
23	P63/_CS3	D.EXP STB	O	C	—	—	Z	L	Port Expander control out for DIGITAL input switching (TC4094B)
24	CLK	CLK	O	C	—	Eu	—	—	—
25	Vcc	Vcc	—	—	—	—	—	—	+5V
26	Vss	I/O1	—	—	—	—	—	—	GND
27	X1	Xin	I	—	—	—	—	—	X'tal connection
28	X2	Xout	O	—	—	—	—	—	X'tal connection
29	_EA	_EA	—	—	—	—	—	—	Fixed to +5V
30	_RESET	RESET	I	—	Lv	Eu	L	—	Reset input
31	P70/TI0/INT1	DSP ACK1	I	—	E↑&L	—	—	—	DSP1 host interface comm. respond input (L: OK)
32	P71/TO1	_DSP1 RESET	O	C	—	Od	L	L	DSP1 reset output terminal (L: Reset)
33	P72/TO3/INT2	AC-3 RF DET.	I	—	E↓&L	—	—	—	AC-3 RF signal detect input (L: AC-3 RF signal input)
34	P73/TI4/INT3	DAC-192	O	C	—	—	—	—	Sets D/A to 192k
35	P74/TO5	_DSP2 RESET	O	C	—	Od	L	L	DSP2 reset output terminal (L: Reset)
36	P75/TO7/INT4	_REQ	O	C	—	Eu	H	L	MAIN-SUB μcom comm. control terminal (L: Comm. request from SUB)
37	P90/TI8/INT5	_ACK	I	—	E↓&L	Eu	—	—	MAIN-SUB μcom comm. control terminal (L: Ack. return from MAIN)
38	P91/TI9/INT6	CSI	I	—	Lv	—	—	—	DIR control input terminal (LC89055Q), L: PCM
39	P92/TO8	EMP	I	—	Lv	—	—	—	H: EMP ON
40	P93/TO9	DEEPM	O	C	—	Ed	L	L	—
41	P94/TI1/INT7	_CS	I	—	E↑&L	Od	—	—	DIR control input terminal (LC89055Q), L→H: Cannel status change
42	P95/TI8/INT8	ERR	I	—	E↑&L	—	—	—	DIR control input terminal (LC89055Q), H: ERR
43	P96/TOA/TOB	DIR RESET	O	C	—	—	Z	L	DIR control input terminal (LC89055Q), L: Reset
44	Vcc	Vcc	—	—	—	—	—	—	+5V
45	P00/D0	DIT_RESET		C	—	—	Z	L	DIT control terminal
46	P01/D1	DIT_CLK		C	—	—	Z	L	DIT control terminal
47	P02/D2	DIT_μDATA		C	—	—	Z	L	DIT control terminal
48	P03/D3	DIT_ST		C	—	—	Z	L	DIT control terminal
49	P04/D4	DIT_CS		C	—	—	Z	L	DIT control terminal
50	P05/D5	DIT R/W		C	—	—	Z	L	DIT control terminal
51	P06/D6	DH/RESET		C	—	—	Z	L	DHIVA board reset (fixed to L)

Pin No.	Name	Symbol	I/O	Type	Det	Op	Res	Ini	Function
52	P07/D7	DMUTE		C	—	—	Z	L	Digital input MUTE control output (same control as SELCK)
53	P10/D8	I/O1	I/O	C	—	—	Z	L	DSP comm. terminal (ADSP21061L:D16)
54	P11/D9	I/O2	I/O	C	—	—	Z	L	DSP comm. terminal (ADSP21061L:D17)
55	P12/D10	I/O3	I/O	C	—	—	Z	L	DSP comm. terminal (ADSP21061L:D18)
56	P13/D11	I/O4	I/O	C	—	—	Z	L	DSP comm. terminal (ADSP21061L:D19)
57	P14/D12	I/O5	I/O	C	—	—	Z	L	DSP comm. terminal (ADSP21061L:D20)
58	P15/D13	I/O6	I/O	C	—	—	Z	L	DSP comm. terminal (ADSP21061L:D21)
59	P16/D14	I/O7	I/O	C	—	—	Z	L	DSP comm. terminal (ADSP21061L:D22)
60	P17/D15	I/O8	I/O	C	—	—	Z	L	DSP comm. terminal (ADSP21061L:D23)
61	AM8/_16								Fixed to +5V
62	Vss	Vss	—	—	—	—	—	—	GND
63	Vcc	Vcc	—	—	—	—	—	—	+5V
64	P27/A23	_DSP REQUEST1	O	C	—	—	Z	L	DSP1 (ADSP21061L-A:IRQ 1_) host interface interrupt req. output, L: REQ
65	P26/A22	WRITE1	O	C	—	—	Z	L	DSP1 comm. control terminal (H: DATA WRITE)
66	P25/A21	_DSP REQUEST2	O	C	—	—	Z	L	DSP2 (ADSP21061L-A:IRQ 1_) host interface interrupt req. output, L: REQ
67	P24/A20	WRITE2	O	C	—	—	Z	L	DSP2 comm. control terminal (H: DATA WRITE)
68	P23/A19	DSP ACK2	I	—	E↑&L	—	—	—	DSP2 host interface comm. respond input (L: OK)
69	P22/A18	BUSY2	I	—	Lv	—	—	—	DSP busy check flag (ADSP21061L-B:FLAG 2B) input, L: Normal
70	P21/A17	FLAG 3A	I	—	Lv	—	—	—	Special flag for ROM update (ADSP21061L-A:FLAG 3A)
71	P20/A16	BUSY1	I	—	Lv	—	—	—	DSP busy check flag (ADSP21061L-A:FLAG 2A) input, L: Normal
72	P37/A15	SEL CK	O	C	—	—	Z	L	ADC/DIR data/clock switching control terminal (L: ADC)
73	P36/A14	DIR CE	O	C	—	—	Z	L	DIR control terminal (LC89055Q), control chip enable output
74	P35/A13	FLAG 3B	I	—	Lv	—	—	—	Special flag for ROM update (ADSP21061L-A:FLAG 3B)
75	P34/A12	DAC-RESET2	O	C	—	Od	L	H	DAC control terminal (L: Power down, ↑: Reset, H: Normal)
76	P33/A11	DIGITAL POWER	O	C	—	—	Z	L	DIGITAL power ON/OFF switching
77	P32/A10	DIR AUTO	O	C	—	Od	Z	L	—
78	P31/A9	BPSYNC	O	C	—	—	Z	L	—
79	P30/_B00T/A8	_B00T	I	—	Lv	Eu	Z	—	Single Chip/Single Boot switching input (H & Reset: Single Chip Mode)
80	P47/A7	_DEM0D RESET	O	C	—	Od	L	L	Demodulator reset output (L: Reset)
81	P46/A6	DEM0D ON	O	C	—	Od	L	L	Demodulator osc. control output (H: Osc.)
82	P45/A5	FGAIN	O	C	—	—	Z	L	IV AMP GAIN switching control output (L: Sub-woofer on)
83	P44/A4	A/D RESET	O	N	—	Eu	H	H	A/D control terminal (L: Reset)
84	P43/A3	DAC-RESET1	O	C	—	Od	L	H	DAC control terminal (L: Power down, ↑: Reset, H: Normal)
85	P42/A2	DAC-DIF.							DAC differential use: H
86	P41/A1	DIG. (AC3) MUTE	O	C	—	Od	Z	L	Digital mute control output (L: AC-3 or DTS decode possible)
87	P40/A0	ERR MUTE_	O	C	—	Od	L	L	Pop noise preventive mute control output
88	P50/_RD	DH IN	O	C	—	—	Z	L	For 1394 (fixed to L)
89	P51/_WR	DH OUT	O	C	—	—	Z	L	For 1394 (fixed to L)
90	P52/_HWR	ROM_RES2	O	C	—	Od			Memory reset for DSP2
91	Vss	Vss	—	—	—	—	—	—	GND
92	PA0/AN0	96K DET	I	—	Lv	—	—	—	96k signal detect input, H: 96k
93	PA1/AN1	DHERR	I	—	Lv	—	—	—	DHIVA board error input (fixed to L)
94	PA2/AN2		I	—	Lv	—	—	—	Not used (Pull down)
95	PA3/AN3/_ADTRG								Not used (Pull down)
96	PA4/AN4		I	—	Lv	—	—	—	Not used (Pull down)
97	PA5/AN5		I	—	Lv	—	—	—	Not used (Pull down)
98	PA6/AN6		I	—	Lv	—	—	—	Not used (Pull down)
99	PA7/AN7	MODE-0-SUB	I	—	Lv	—	—	—	FLASH ROM rewrite mode input
100	VREFH	VREFH	—	—	—	—	—	—	AD ref. +5V

- 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.
Type : Composition of port in case of output port.
Op : Pull up/Pull down selection information.
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.
Ini : Initial output state.
Function : Function and logical level explanation of signals to be interface.
- "I" = Input port
"O" = Output port
"C" = CMOS output
"N" = NMOS open drain output
"P" = PMOS open drain output
"Lu" = Inner microcomputer pull up
"Id" = Inner microcomputer pull down
"Eu" = External microcomputer pull up
"Ed" = External microcomputer pull down
"H" = Outputs High Level at reset
"L" = Outputs Low Level at reset
"Z" = Becomes High impedance mode at reset

TMP95FY64F (IC802)



TMP95FY64F Terminal Function

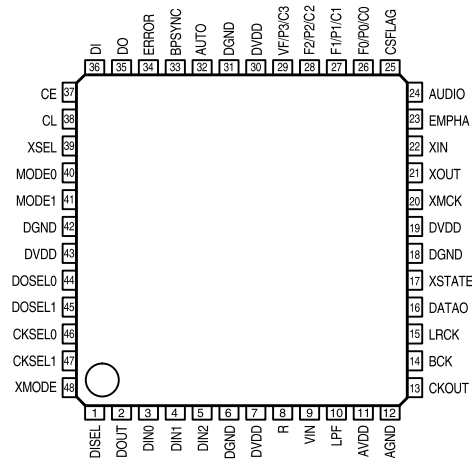
Pin. No.	Name	Symbol	I/O	Type	Det	Op	Res	Ini	Function
1	VREFL	VREFL	—	—	—	—	—	—	A/D ref. GND
2	AVss	AVss	—	—	—	—	—	—	A/D GND
3	AVcc	AVcc	—	—	—	—	—	—	AD +5V
4	DAOUT0	DAOUT0	O	—	—	—	—	—	No connection
5	DAOUT1	DAOUT1	O	—	—	—	—	—	No connection
6	_NMI	_NMI	I	—	—	—	—	—	Not used (fixed to H)
7	P53/_BUSRQ	ACK	O	C	—	—	Z	—	MAIN-SUB μ com comm. control terminal
8	P54/_BUSAK	REQ	I	—	Lv	Eu	Z	—	MAIN-SUB μ com comm. control terminal
9	P55/_WAIT	PLFL DATA	O	C	—	—	Z	L	PLL & FL control terminal (LC72131 & LC7511NE)
10	P56/INT0	PROTECT	I	—	E \uparrow &L	Ed	Z	—	Protection detect input (H: Detected)
11	P57/SCLK2/_CTS2	PLFL CLK	O	C	—	—	Z	L	PLL & FL control terminal (LC72131 & LC7511NE)
12	P80/TxD0	PLL STB	O	C	—	—	Z	L	PLL control terminal (LC72131)
13	P81/RxD0	ERROR LED	O	C	—	Ed	Z	H	Not used
14	P82/SCLK0/_CTS0	MULTI ROOM POWER	O	C	—	—	Z	L	Power amp control terminal for MULTI ROOM (H: ON)
15	P83/TxD1	MOSI	O	C	—	—	Z	L	MAIN-SUB μ com comm. control terminal
16	P84/RxD1	MISO	I	—	Lv	—	Z	—	MAIN-SUB μ com comm. control terminal
17	P85/SCLK1/_CTS1	CLK	I/O	(C)	—	—	Z	—	MAIN-SUB μ com comm. control terminal
18	P86/TxD2	TxD	O	C	—	—	Z	L	Data transfer terminal to external
19	P87/RxD2	RxD	I	—	Lv	—	Z	—	Data receive terminal from external
20	P60/_CS0	FUNC/TONE CLK	O	C	—	—	Z	L	Clock output for Function switching/Tone IC control
21	P61/_CS1	FUNC/TONE DATA	O	C	—	—	Z	L	Data output for Function switching/Tone IC control
22	P62/_CS2	ST/MONO	O	C	—	—	Z	L	Stereo/Mono control signal (L: Stereo receive)
23	P63/_CS3	STANDBY	O	C	—	Ed	Z	H	Standby LED drive output (H: Light)
24	CLK	CLK	O	C	—	—	—	—	No connection
25	Vcc	Vcc	—	—	—	—	—	—	+5V
26	Vss	Vss	—	—	—	—	—	—	GND
27	X1	X1	I	—	—	—	—	—	X'tal connection
28	X2	X2	O	—	—	—	—	—	X'tal connection
29	_EA	_EA	I	—	—	—	—	—	Fixed to +5V
30	_RESET	_RESET	I	—	Lv	lu	L	—	Reset input
31	P70/TI0/INT1	VIDEO POWER	O	C	—	—	Z	L	Video power ON/OFF switching (H: ON)
32	P71/TO1	DIGITAL POWER	O	C	—	—	Z	L	Digital power ON/OFF switching (H: ON)
33	P72/TO3/INT2	(VKK POWER)	O	—	—	—	Z	L	Not used (-VKK power ON/OFF switching)
34	P73/TI4/INT3	SEL A (M)	I	—	Lv	Eu	Z	—	Master VR turn detect input (Rotary encoder)
35	P74/TO5	SEL B (M)	I	—	Lv	Eu	Z	—	Master VR turn detect input (Rotary encoder)
36	P75/TO7/INT4	(FAN CONTROL)	O	C	—	—	Z	L	Not used (Fan control for power Tr)
37	P90/TI8/INT5	B.DOWN	I	—	E \downarrow &L	Eu	Z	—	Power down detect (L: Detected)
38	P91/TI9/INT6	STEREO	I	—	Lv	Eu	Z	—	Stereo detect (L: Received)
39	P92/TO8	TUNED	I	—	Lv	Eu	Z	—	Tune detect (L: Tuned)
40	P93/TO9	S MONI.DET	I	—	Lv	Eu	Z	—	S Monitor connection detect input (L: Connected)
41	P94/TI1A/INT7	REMOCON	I	—	E \uparrow &L	Ed	Z	—	Remote control signal input
42	P95/TI1B/INT8	S SIG.DET	I	—	Lv	Eu	Z	—	S signal detect input (H: Signal input)
43	P96/TOA/TOB	SYNC.DET	I	—	Lv	Eu	Z	—	Sync. detect input (H: External sync.)
44	Vcc	Vcc	—	—	—	—	—	—	+5V
45	P00/D0	POWER	O	C	—	—	Z	H	Power relay control output (H: ON)
46	P01/D1	V.EXP OE	O	C	—	—	Z	L	Port expander control output for video circuit (TC4094B)
47	P02/D2	V.EXP CLK	O	C	—	—	Z	L	Port expander control output for video circuit (TC4094B)
48	P03/D3	V.EXP DATA	O	C	—	—	Z	L	Port expander control output for video circuit (TC4094B)
49	P04/D4	V.EXP STB	O	C	—	—	Z	L	Port expander control output for video circuit (TC4094B)
50	P05/D5	SP.EXP OE	O	C	—	—	Z	L	Port expander control output for speaker output (TC4094B)
51	P06/D6	SP.EXP CLK	O	C	—	—	Z	L	Port expander control output for speaker output (TC4094B)
52	P07/D7	SP.EXP DATA	O	C	—	—	Z	L	Port expander control output for speaker output (TC4094B)

Pin. No.	Name	Symbol	I/O	Type	Det	Op	Res	Ini	Function
53	P10/D8	SP.EXP STB	O	C	—	—	Z	L	Port expander control output for speaker output (TC4094B)
54	P11/D9	A.EXP OE	O	C	—	—	Z	L	Port expander control output for audio mute and relay control (TC4094B)
55	P12/D10	A.EXP CLK	O	C	—	—	Z	L	Port expander control output for audio mute and relay control (TC4094B)
56	P13/D11	A.EXP DATA	O	C	—	—	Z	L	Port expander control output for audio mute and relay control (TC4094B)
57	P14/D12	A.EXP STB	O	C	—	—	Z	L	Port expander control output for audio mute and relay control (TC4094B)
58	P15/D13	MAIN/SUB	O	C	—	—	Z	L	RS232C/MAIN-SUB μ com input switching
59	P16/D14	RESET2	O	C	—	—	Z	L	SUB μ com reset output
60	P17/D15	E.VOL STBB	O	C	—	—	Z	L	E VR control output (TC9459)
61	AM8/_16	AM8/_16	—	I	—	—	—	—	Fixed to +5V
62	Vss	Vss	—	—	—	—	—	—	GND
63	Vcc	Vcc	—	—	—	—	—	—	+5V
64	P27/A23	STB EXP OE	O	C	—	—	Z	H	Port expander control output for audio circuit IC strobe (TC4094B)
65	P26/A22	STB EXP CLK	O	C	—	—	Z	L	Port expander control output for audio circuit IC strobe (TC4094B)
66	P25/A21	STB EXP DATA	O	C	—	—	Z	L	Port expander control output for audio circuit IC strobe (TC4094B)
67	P24/A20	STB EXP STB	O	C	—	—	Z	H	Port expander control output for audio circuit IC strobe (TC4094B)
68	P23/A19	LED CLK	O	C	—	—	Z	L	LED driver control output (M66313)
69	P22/A18	LED DATA	O	C	—	—	Z	L	LED driver control output (M66313)
70	P21/A17	LED LE	O	C	—	Eu	Z	L	LED driver control output (M66313)
71	P20/A16	LED OE	O	C	—	—	Z	H	LED driver control output (M66313)
72	P37/A15	SEL H (T)	I	—	Lv	Eu	Z	—	Treble VR turn detect input (Rotary encoder)
73	P36/A14	SEL G (T)	I	—	Lv	Eu	Z	—	Treble VR turn detect input (Rotary encoder)
74	P35/A13	SEL F (B)	I	—	Lv	Eu	Z	—	Bass VR turn detect input (Rotary encoder)
75	P34/A12	SEL E (B)	I	—	Lv	Eu	Z	—	Bass VR turn detect input (Rotary encoder)
76	P33/A11	SEL D (I)	I	—	Lv	Eu	Z	—	Input selector turn detect input (Rotary encoder)
77	P32/A10	SEL C (I)	I	—	Lv	Eu	Z	—	Input selector turn detect input (Rotary encoder)
78	P31/A9	H/P DET	I	—	Lv	Eu	Z	—	H/P detect input (H: Detected)
79	P30/_BOOT/A8	_BOOT	I	—	Lv	Eu	Z	—	Single Chip/Single Boot switching input (H & Reset: Single Chip Mode)
80	P47/A7	E.VOL CLK	O	C	—	—	Z	L	E VR control output (TC9459)
81	P46/A6	E.VOL DATA	O	C	—	—	Z	L	E VR control output (TC9459)
82	P45/A5	E.VOL STBA	O	C	—	—	Z	L	E VR control output (TC9459)
83	P44/A4	E.VOL MULTI STB	O	C	—	—	Z	L	E VR control output for MULTI ROOM (TC9459)
84	P43/A3		O	C	—	—	Z	L	No connection
85	P42/A2	OSD RST	O	C	—	—	Z	H	OSD control terminal (M35015)
86	P41/A1	OSD STB	O	C	—	—	Z	H	OSD control terminal (M35015)
87	P40/A0	OSD DATA	O	C	—	—	Z	L	OSD control terminal (M35015)
88	P50/_RD	OSD CLK	O	C	—	—	Z	H	OSD control terminal (M35015)
89	P51/_WR	FL CE	O	C	—	—	Z	H	FL control terminal (LC75711NE)
90	P52/_HWR	FL RST	O	C	—	—	Z	H	FL control terminal (LC75711NE)
91	Vss	Vss	—	—	—	—	—	—	GND
92	PA0/AN0	KEY1	I	—	Lv	Eu	Z	—	Button input 1
93	PA1/AN1	KEY2	I	—	Lv	Eu	Z	—	Button input 2
94	PA2/AN2	KEY3	I	—	Lv	Eu	Z	—	Button input 3
95	PA3/AN3/_ADTRG	KEY4	I	—	Lv	Eu	Z	—	Button input 4
96	PA4/AN4	SBL LEVEL	I	—	Lv	Eu	Z	—	SBL channel signal level detect, set to A/D input
97	PA5/AN5	SBR LEVEL	I	—	Lv	Eu	Z	—	SBR channel signal level detect, set to A/D input
98	PA6/AN6	MODE	I	—	Lv	Eu	Z	—	Destination switching input
99	PA7/AN7	MODE0	I	—	Lv	Eu	Z	—	FLASH ROM rewrite mode input
100	VREFH	VREFH	—	—	—	—	—	—	AD ref. +5V

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.
- Type : Composition of port in case of output port.
 - “I” = Input port
 - “O” = Output port
 - “C” = CMOS output
 - “N” = NMOS open drain output
 - “P” = PMOS open drain output
- Op : Pull up/Pull down selection information.
 - “lu” = Inner microcomputer pull up
 - “ld” = 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.

LC89055W-RA8 (IC111)

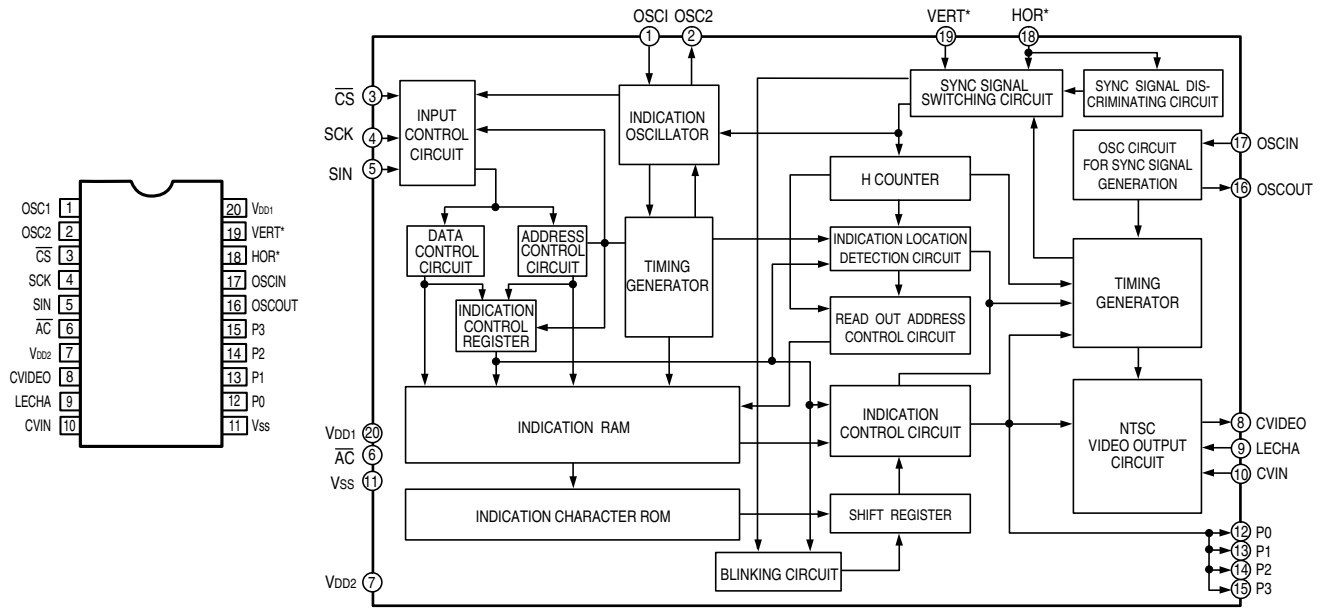


LC89055W-RA8 Terminal Function

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.

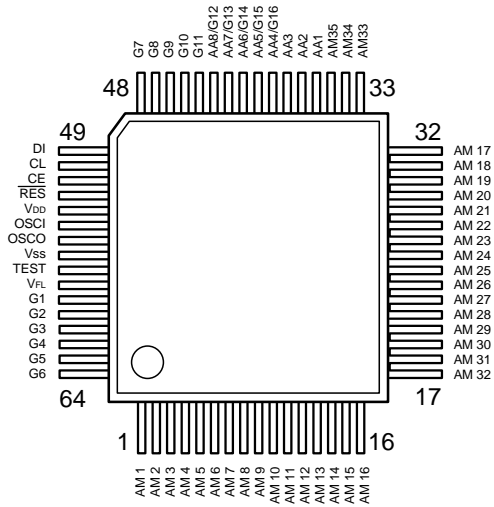
M35015-210SP (IC416)



M35015-210SP 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. With this OSC. freq., decides horizontal indicatin and character width.
2	OSC2	terminal.	O	
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 resist 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 resistor 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 for sync sig. OSC. Circuit	O	Terminal for external use of sync signal OSC. circuit. Use the freq.: 14.32MHz at NTSC system, 17.73MHz at PAL. system, 14.30MHz at MPAL system.
17	OSCIN		I	
18	HOR*	Horizontal sync signal	I	Inputs horizontal sync signal. Hysteresis input.
19	VERT*	Vertical sync signal	I	Input vertical sync signal. Hysteresis input. Polarity can be selected at ROM mask.
20	VDD1	Power supply	—	Power supply terminal of digital system. Connect to +5V.

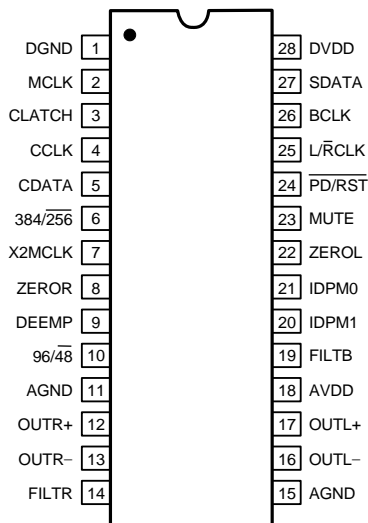
LC75721E (IC102)



Terminal Function

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

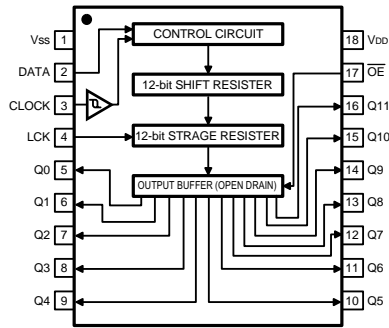
AD1854 (IC301, 303, 305, 307)



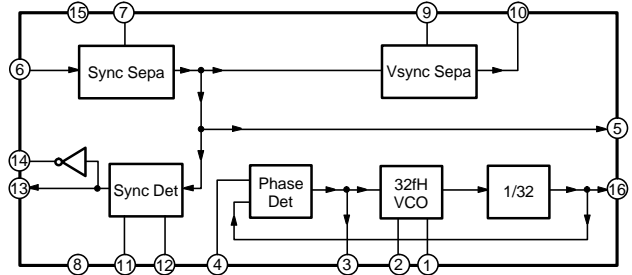
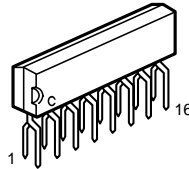
Terminal Function

No.	Name	I/O	Function
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 48kHz (LO) or 96kHz 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 output
24	PD/RST	I	Power-Down/Reset
25	L/R CLK	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

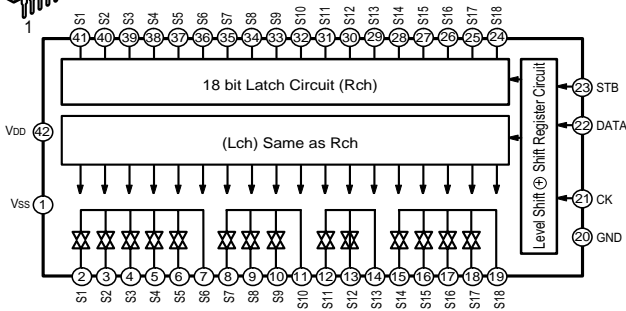
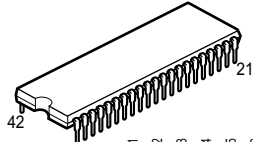
BU2090F (IC103)



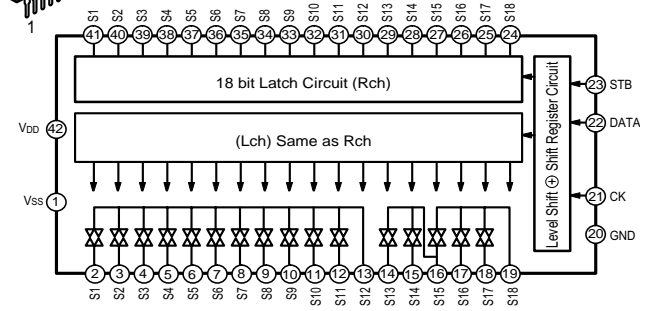
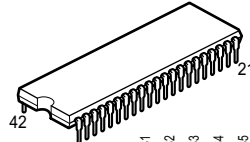
NJM2229S (IC417)



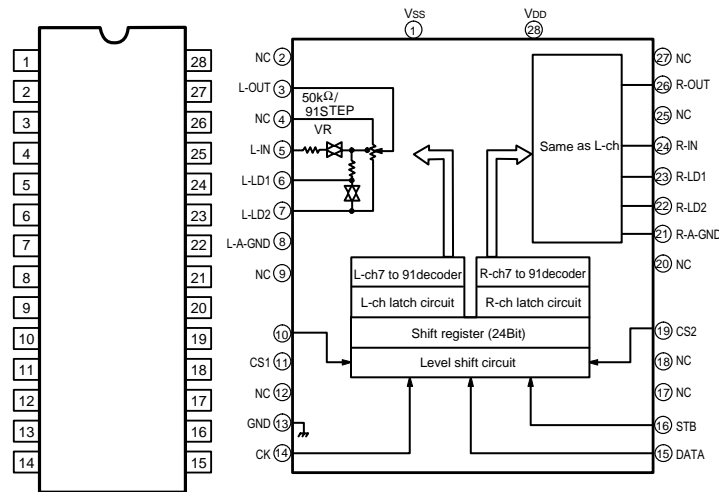
TC9274N-017 (IC113)



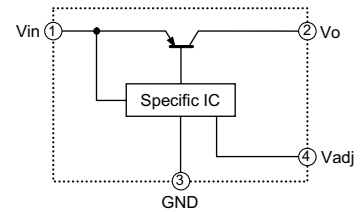
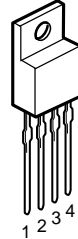
TC9274N-011 (IC114, 115)



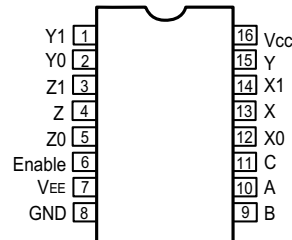
TC9459N (IC119, 302, 304, 306, 308)



PQ15RW11 (IC202)



MC74HC4053N (IC415)

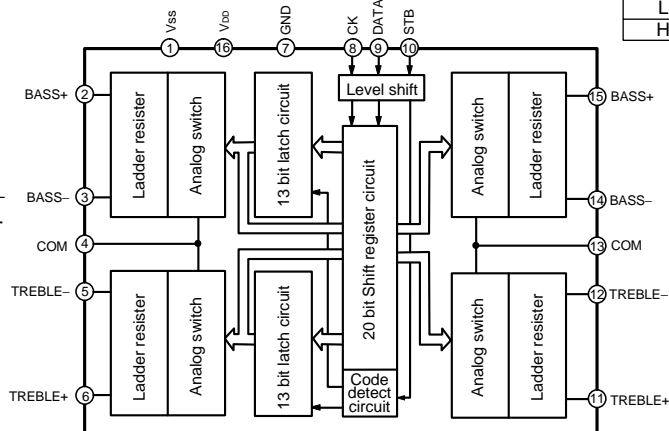
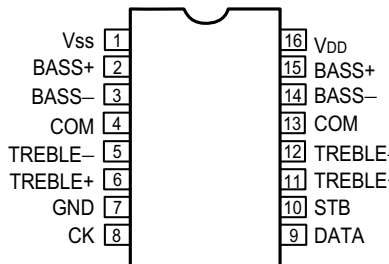


Truth Table

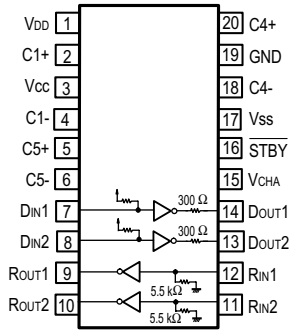
Enable	Control Inputs			ON Switches
	C	B	A	
L	L	L	L	Z0 Y0 X0
L	L	L	H	Z0 Y0 X1
L	L	H	L	Z0 Y1 X0
L	L	H	H	Z0 Y1 X1
L	H	L	L	Z1 Y0 X0
L	H	L	H	Z1 Y0 X1
L	H	H	L	Z1 Y1 X0
L	H	H	H	Z1 Y1 X1
H	X	X	X	None

X = Don't Care

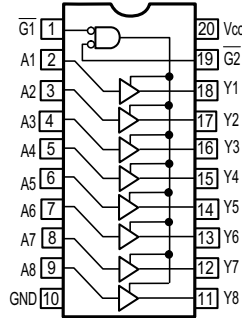
TC9184AP (IC401, 403)



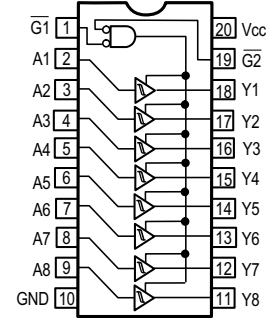
μPD4721GS-GJG (IC501)



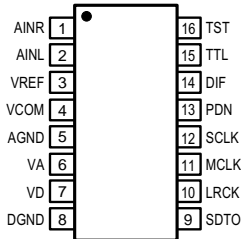
SN74LV541APW (IC518, 522, 803)



SN74AHCT541PW (IC514)



AK5353 (IC114)



Terminal Function

No.	Name	I/O	Function
1	AINR	I	Rch analog input pin
2	AINL	I	Lch analog input pin
3	VREF	O	Ref. V out pin
4	VCOM	O	Common V out pin
5	AGND	—	Analog GND pin
6	VA	—	Analog power pin, +2.7~+5.5
7	VD	—	Digital power pin, +2.7~+5.5V
8	DGND	—	Digital GND pin
9	SDTO	O	Serial data out pin, 2's complement, MSB first out, at power down: L
10	LRCK	I	L/Rch clock pin
11	MCLK	I	Master clock input pin
12	SCLK	I	Serial data clock input pin, A/D data out at SCLK falling edge
13	PDN	I	Power down pin, L: Power down mode
14	DIF	I	Serial interface format pin (L: Firward, H: I ² S)
15	TTL	I	Digital input level select pin, L: CMOS level, H: TTL level
16	TST	I	Test pin (internal pull-down)

BA4510F (IC115)

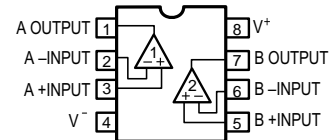
TK15420MTL (IC601~603, 606, 701~706, 713)

BA15218F (IC116, 118, 309~313)

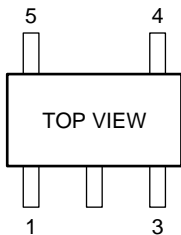
NJM2068MD (IC101, 104~112, 117, 120, 201~204, 301, 302, 304, 306, 308, 402, 404, 471, 506~509)

NJM4556AD (IC502)

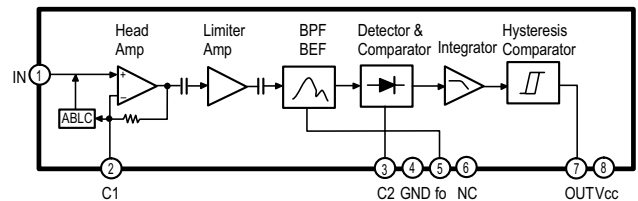
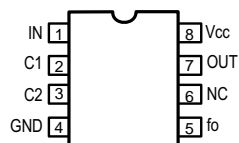
NJM5532MD (IC301, 303, 305, 307)



SN74AHC1G04DBV (IC109)



CXA1511M (IC502)



BA033T (IC526, 527)

KIA7806API (IC203)

KIA7812API (IC701)

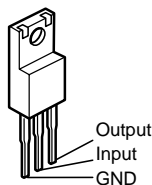
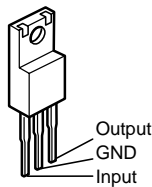
KIA7820API (IC704, 709, 710)

KIA7805API (IC309, 310, 702, 705)

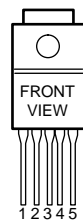
KIA7815API (IC707)

KIA7905PI (IC703, 706)

KIA7915PI (IC708)

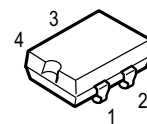


BA08ST (IC205)



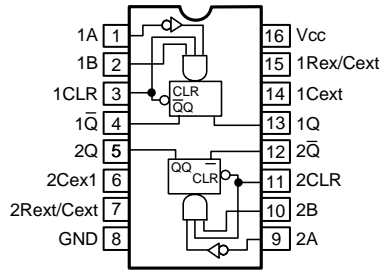
- 1. CTL
- 2. Vcc
- 3. GND
- 4. OUT
- 5. N.C.

HG-8002JA33MHZPCCX (X'tal Oscillator) (IC510)

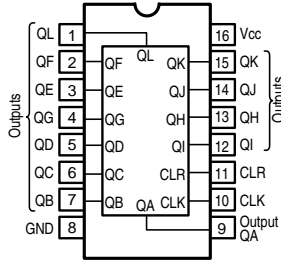


- 1. OE or ST
- 2. GND
- 3. OUT
- 4. Vdd

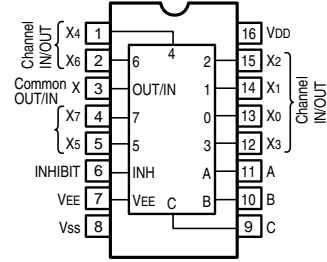
74VHC123AMTCX (IC106)



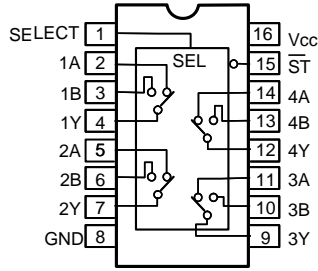
SN74LV4040APW (IC112, 512)



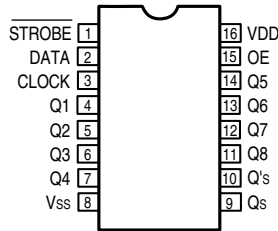
BU4051BCF (IC604, 605, 709~712)



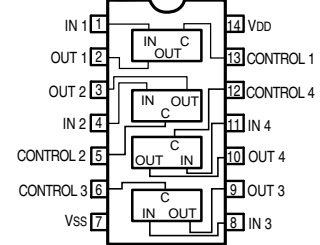
74LVX157MTC (IC107)



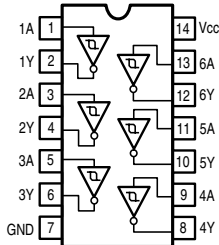
BU4094BCF (IC418~420, 501)



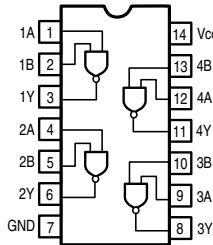
BU4066BCF (IC607, 608, 707, 708, 714)



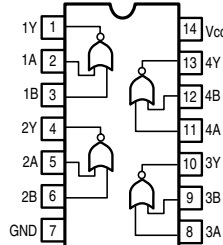
SN74LV14APW (IC110, 124)



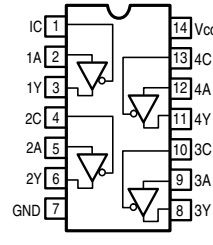
SN74LV00APW (IC108, 511, 513)



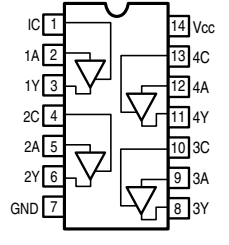
SN74LV02APW (IC515, 519)



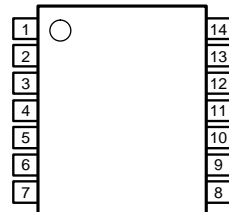
SN74LV125APW (IC805)



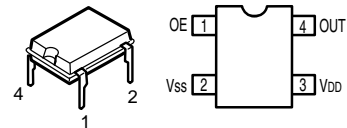
SN74LV126APW (IC806)



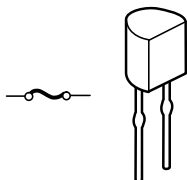
**SN74LV08APW (IC125)
SN74LVU04APW (IC101)
SN74HC151APW (IC102~104)
SN74HC153APW (IC105)
SN74LV86APW (IC523)**



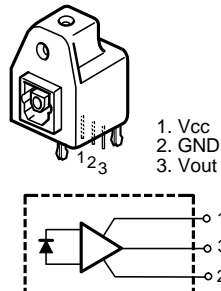
SG-8002DCPT (12.287MHz) (IC113)



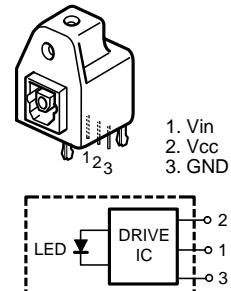
● **IC PROTECTOR**
ICP-N15T (IC204)



● **OPTICAL**
INPUT
GP1F37R1 (IC116, 118, 119, 120, 121)

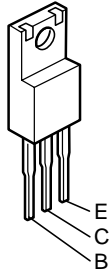


OUTPUT
GP1F38T2 (IC122, 123)

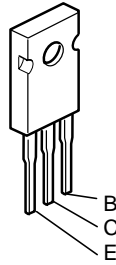


● TRANSISTORS

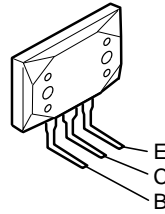
2SC4495



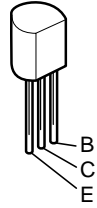
2SA1546 (L)
2SC4001 (M/L)



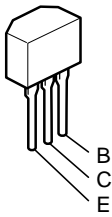
MN1715
MP1715



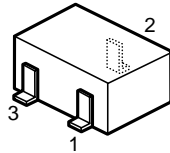
2SA970 (BL)
2SC3200BL
KTA1268
KTC2874B



DTC114ES
DTC143ES
DTC144ES



DTA114TK
DTC114EK
DTC143EK
DTC323TK
KRA102S
KRA104S
KRC102S
KRC104S



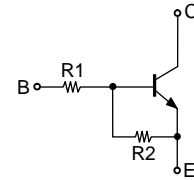
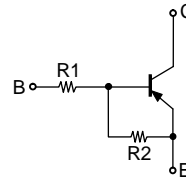
1: GND/Emitter
2: Output/Collector
3: Input/Base

PNP Type

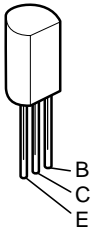
	R1	R2
DTA114TK	10kohm	—
KRA102S	10kohm	10kohm
KRA104S	47kohm	47kohm

NPN Type

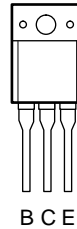
	R1	R2
DTC114EK	10kohm	10kohm
DTC143EK	4.7kohm	4.7kohm
DTC323TK	2.2kohm	—
KRC102S	10kohm	10kohm
KRC104S	47kohm	47kohm



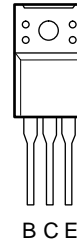
2SA1020



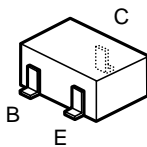
KTB778
KTD998



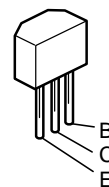
KTA1659 (A)
KTC4370



2SA1037K (S/R)
2SA1505Y
2SC2412K (S)
2SD601A
KTC2875B

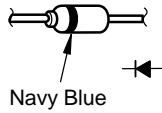


2SA933S (S)
2SC1740S (S)

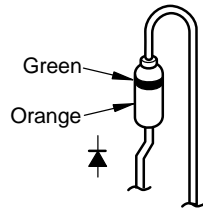


● DIODES (LED Included)

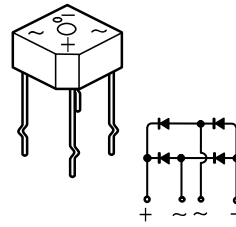
1SS270A



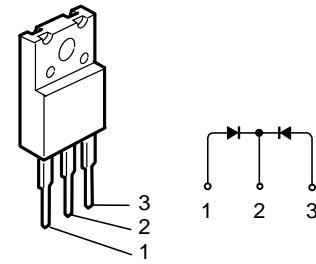
1SR35-400A



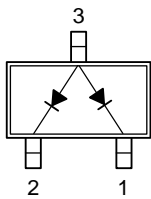
S4VB20F



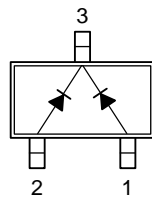
FCH20A15



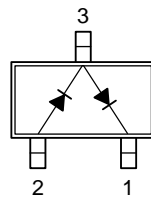
KDS181



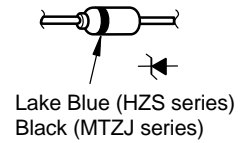
KDS184



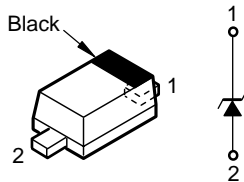
KDS226



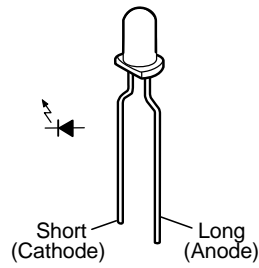
HZS3A-1
HZS9A-1
HZS20-1
HZS36-1



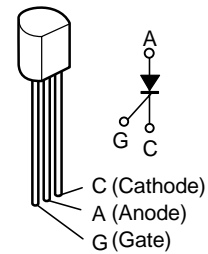
UDZ3.0B
UDZ6.8B
UDZ5.6B
UDZ9.1B



SEL1210S (Red)
SEL1410E (Green)

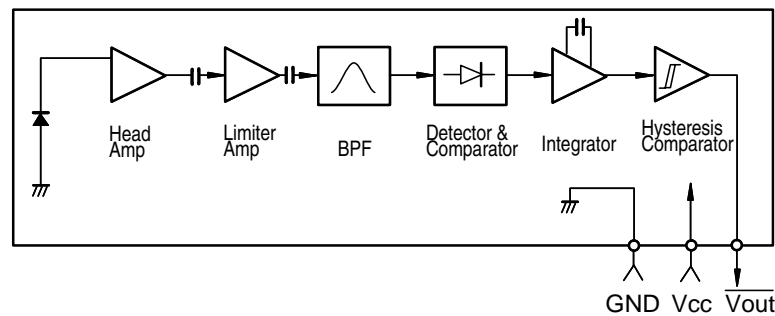
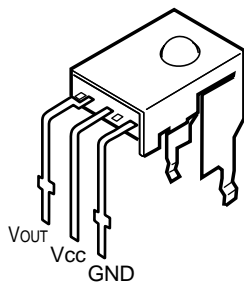


SF0R1A42
(Thyristor)



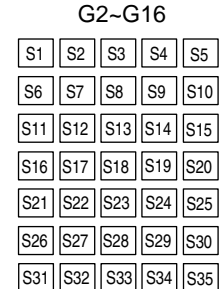
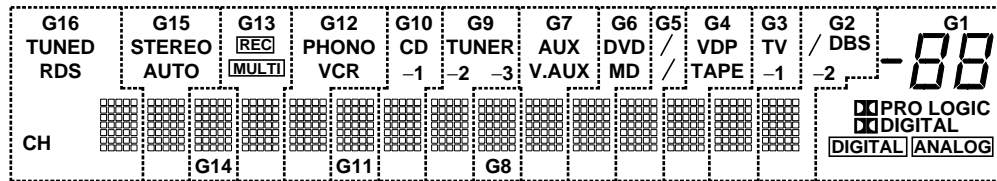
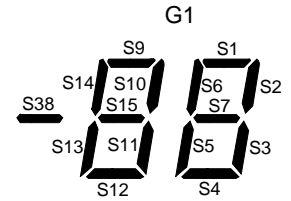
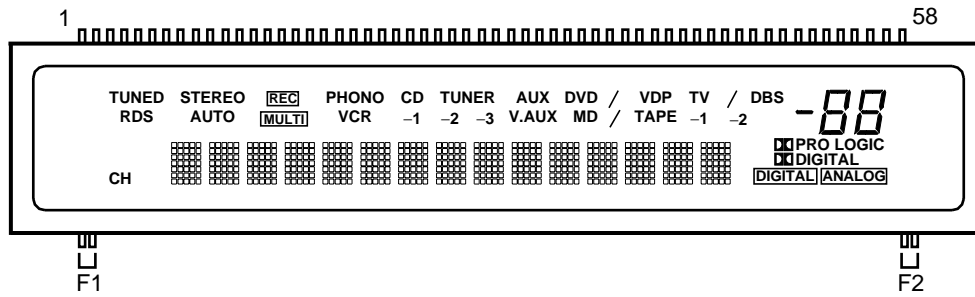
● OTHERS

GP1U271X (Remote Control Sensor)
(IC101)



● FL DISPLAY

CM1690C (FL101)



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	DIGITAL	S17	S26	—	S26	S35	—	S35
S9	S9	S9	S18	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.AUX	—	-2	-1	—	VCR	MULTI	—	AUTO	RDS
S38	S38	DBS	—	—	—	—	—	—	-3	—	—	—	—	—	—	CH

PRINTED WIRING BOARDS

1

2

3

4

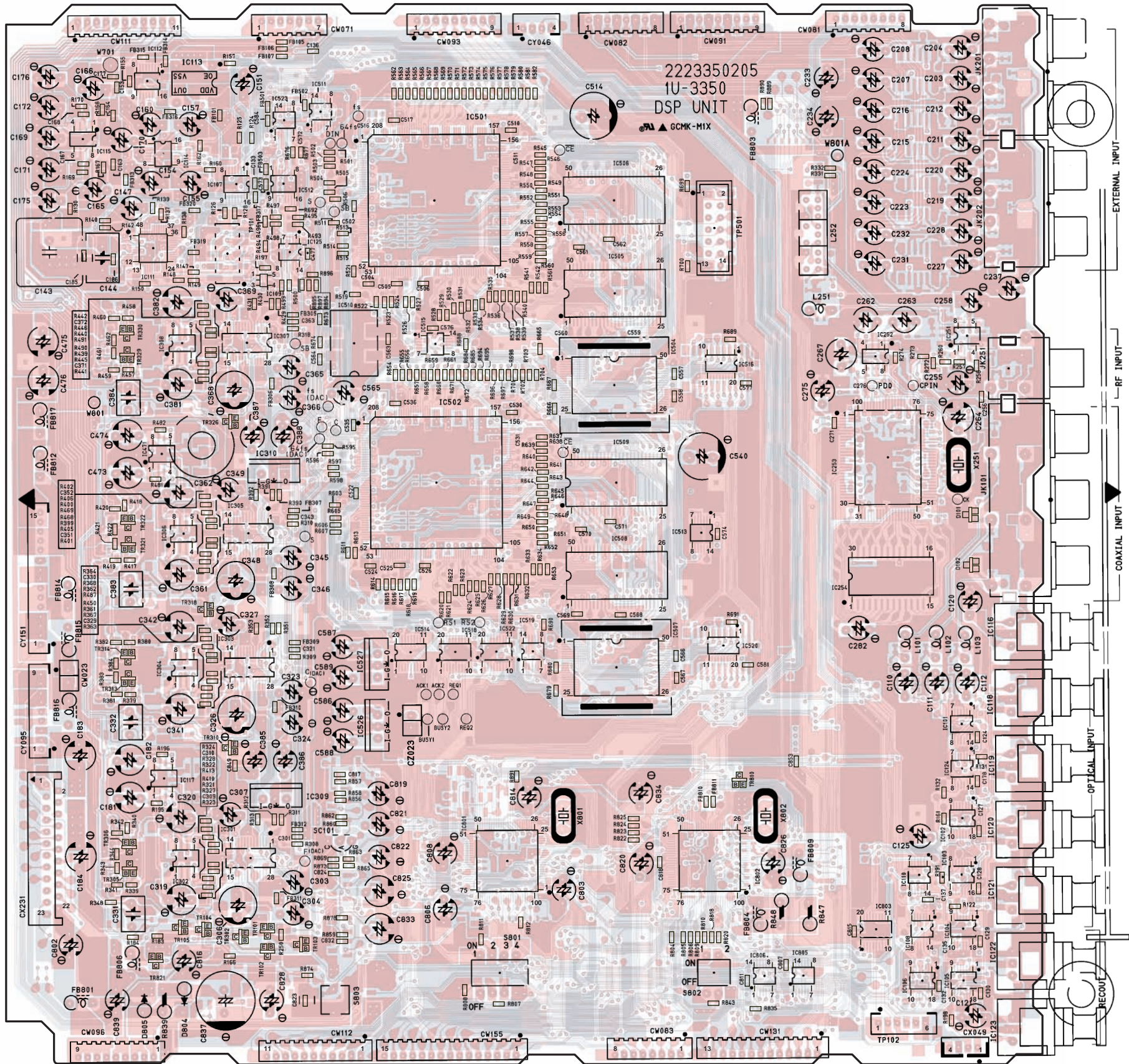
5

6

7

8

1U-3350 DSP UNIT Ass'y



A

B

C

D

E

COMPONENT SIDE

1

2

3

4

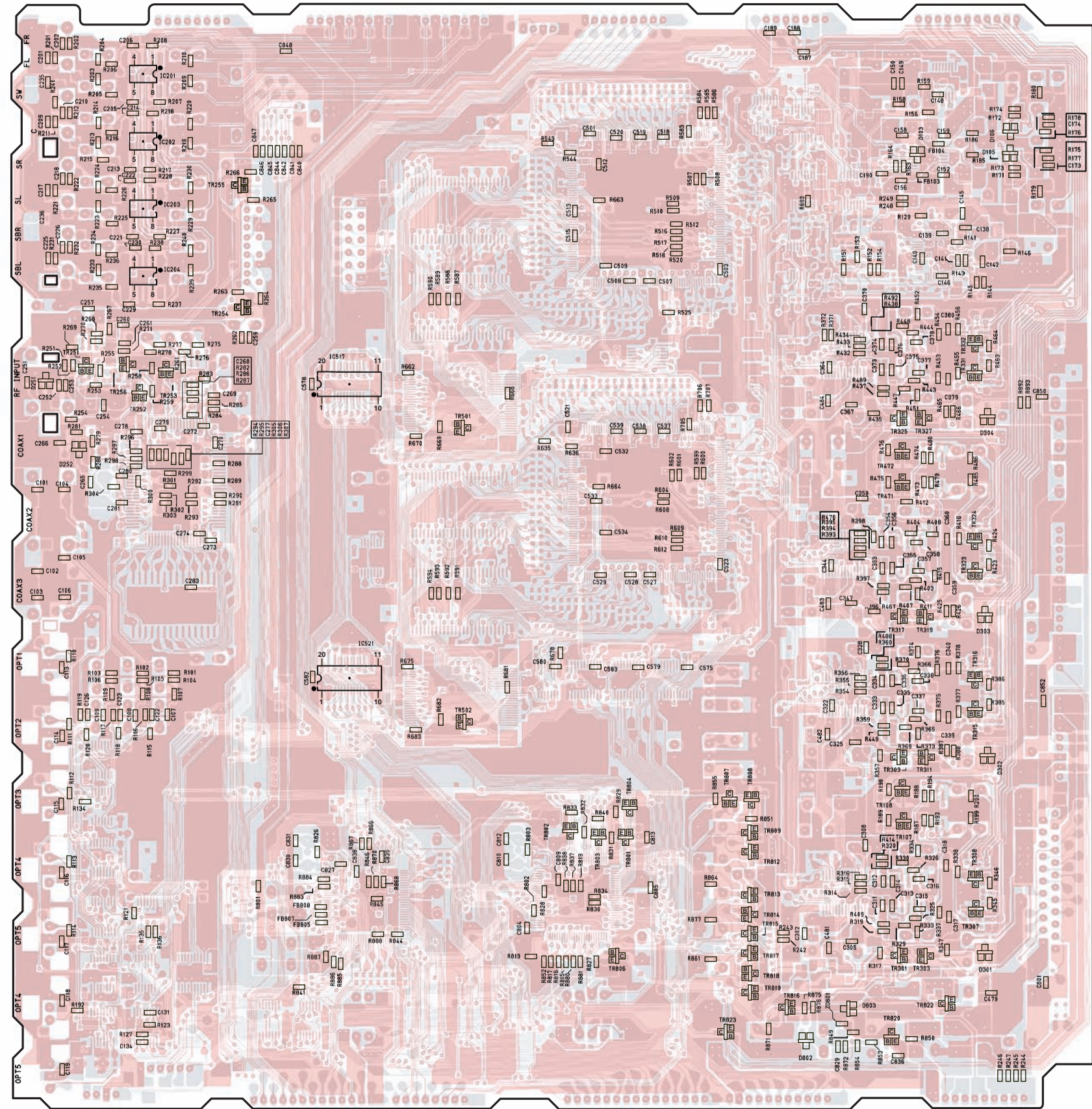
5

6

7

8

1U-3350 DSP UNIT Ass'y



A

B

C

D

E

FOIL SIDE

1

2

3

4

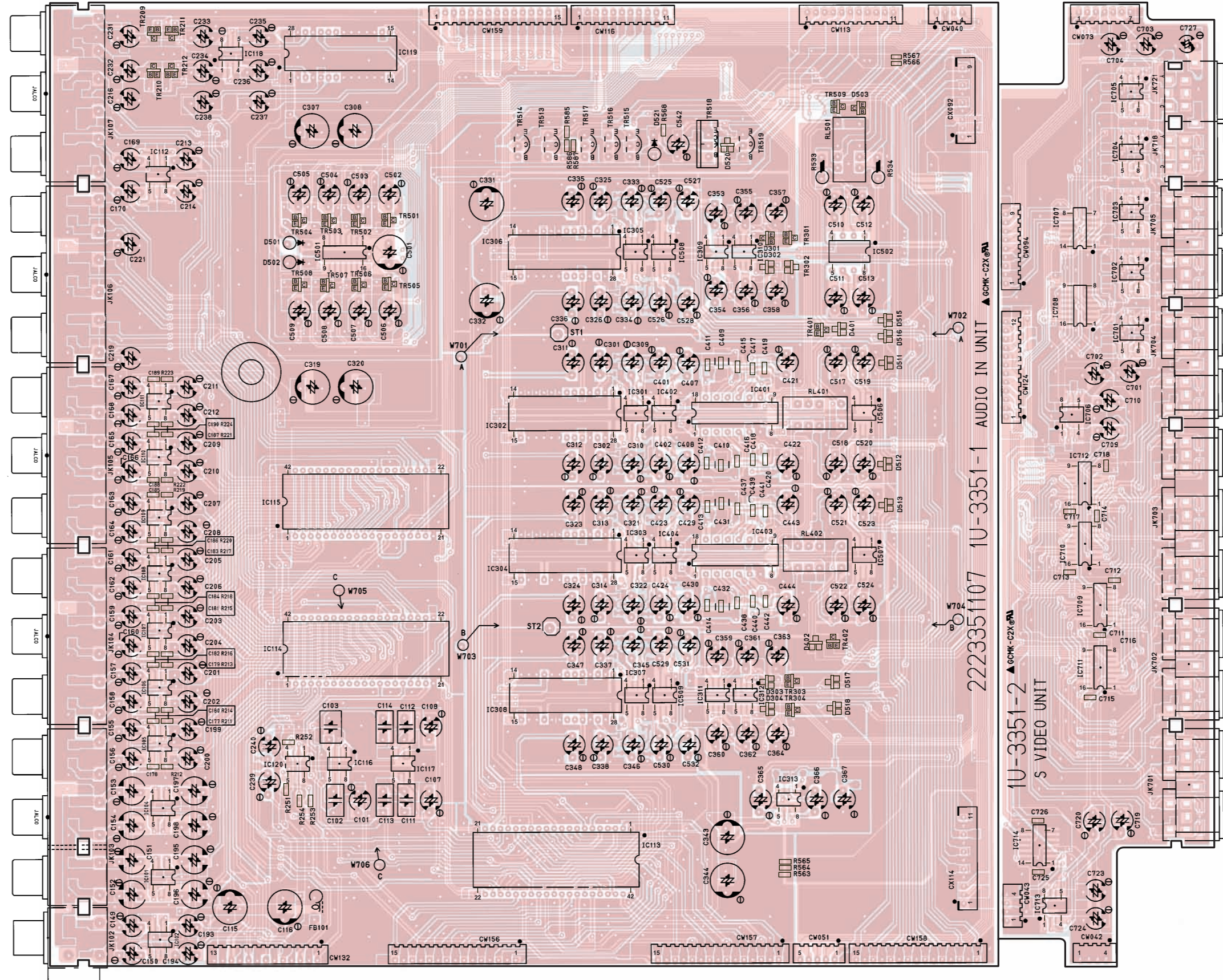
5

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7

8

1U-3351 AUDIO UNIT Ass'y



A

B

C

D

E

COMPONENT SIDE

1

2

3

4

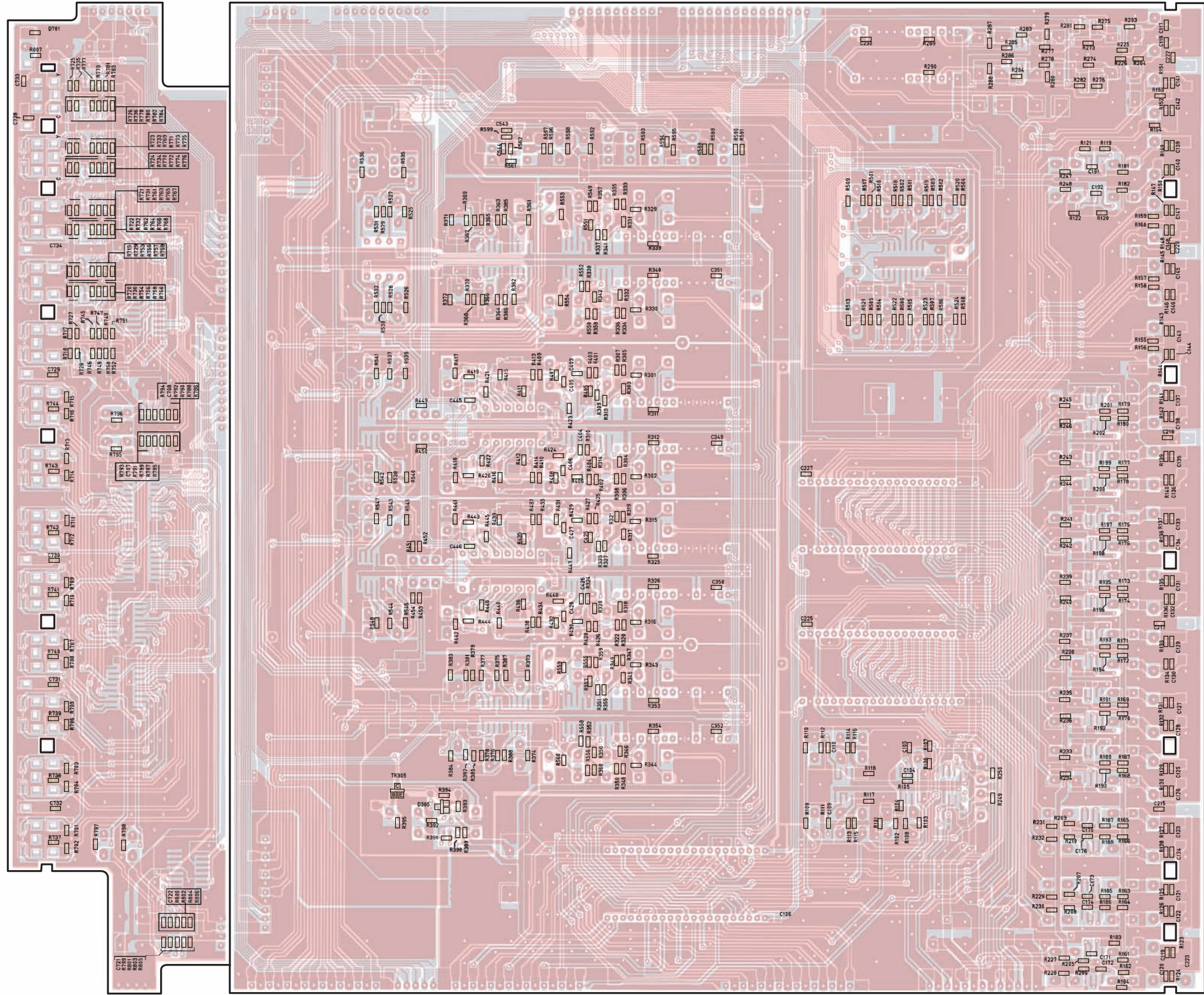
5

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7

8

1U-3351 AUDIO UNIT Ass'y



A

B

C

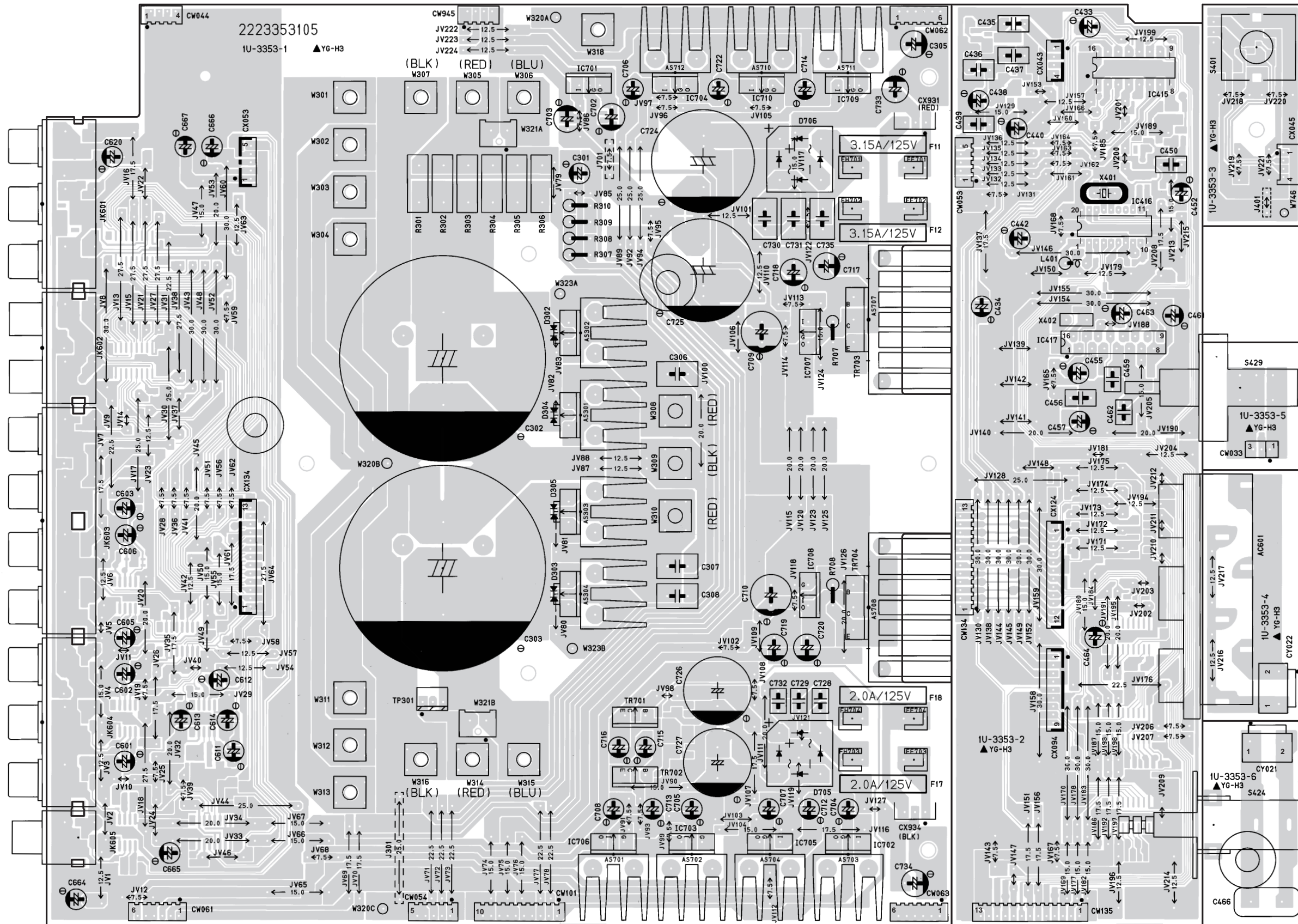
D

E

FOIL SIDE

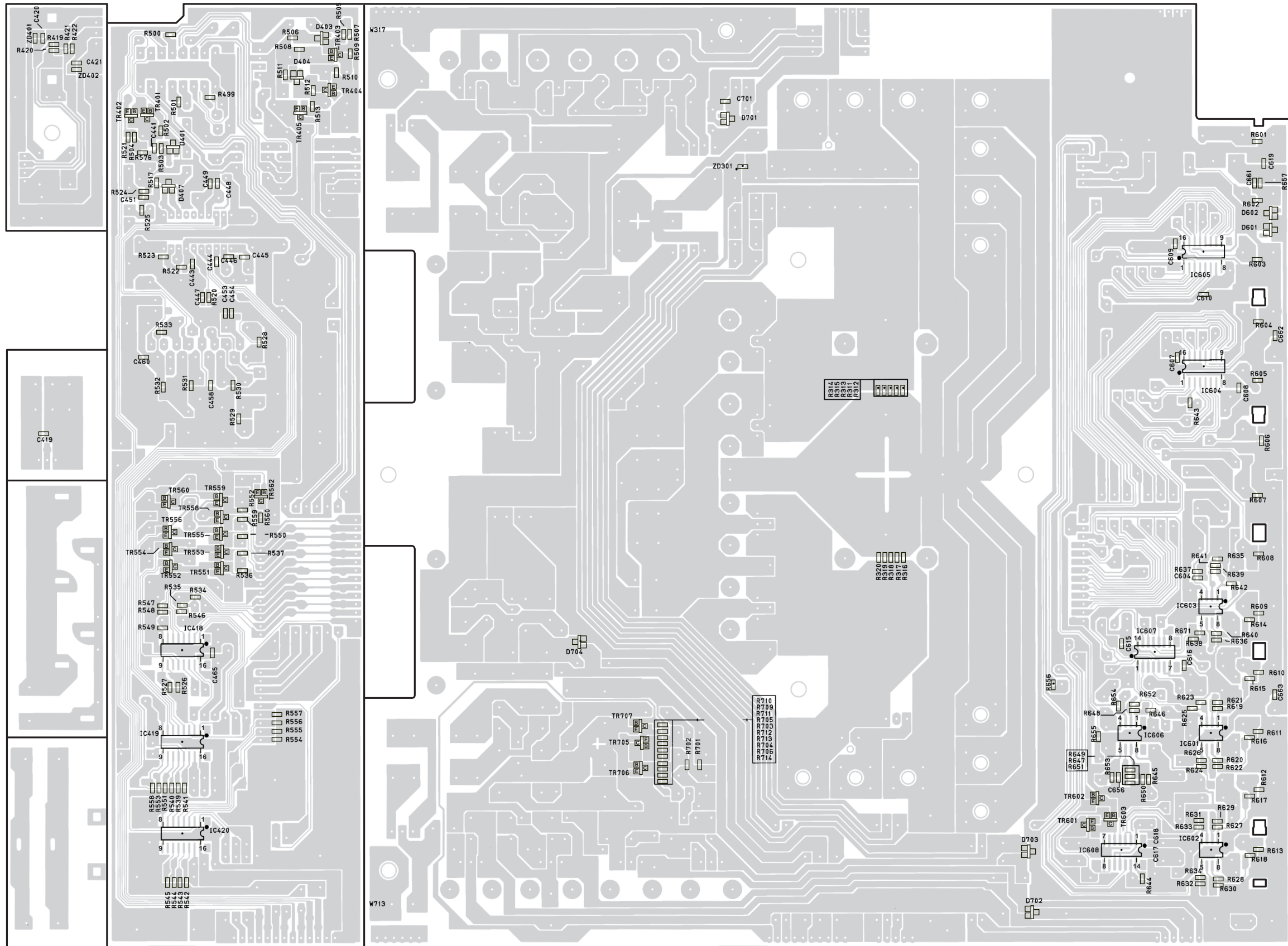
1 2 3 4 5 6 7 8

1U-3353 PRIMARY UNIT Ass'y



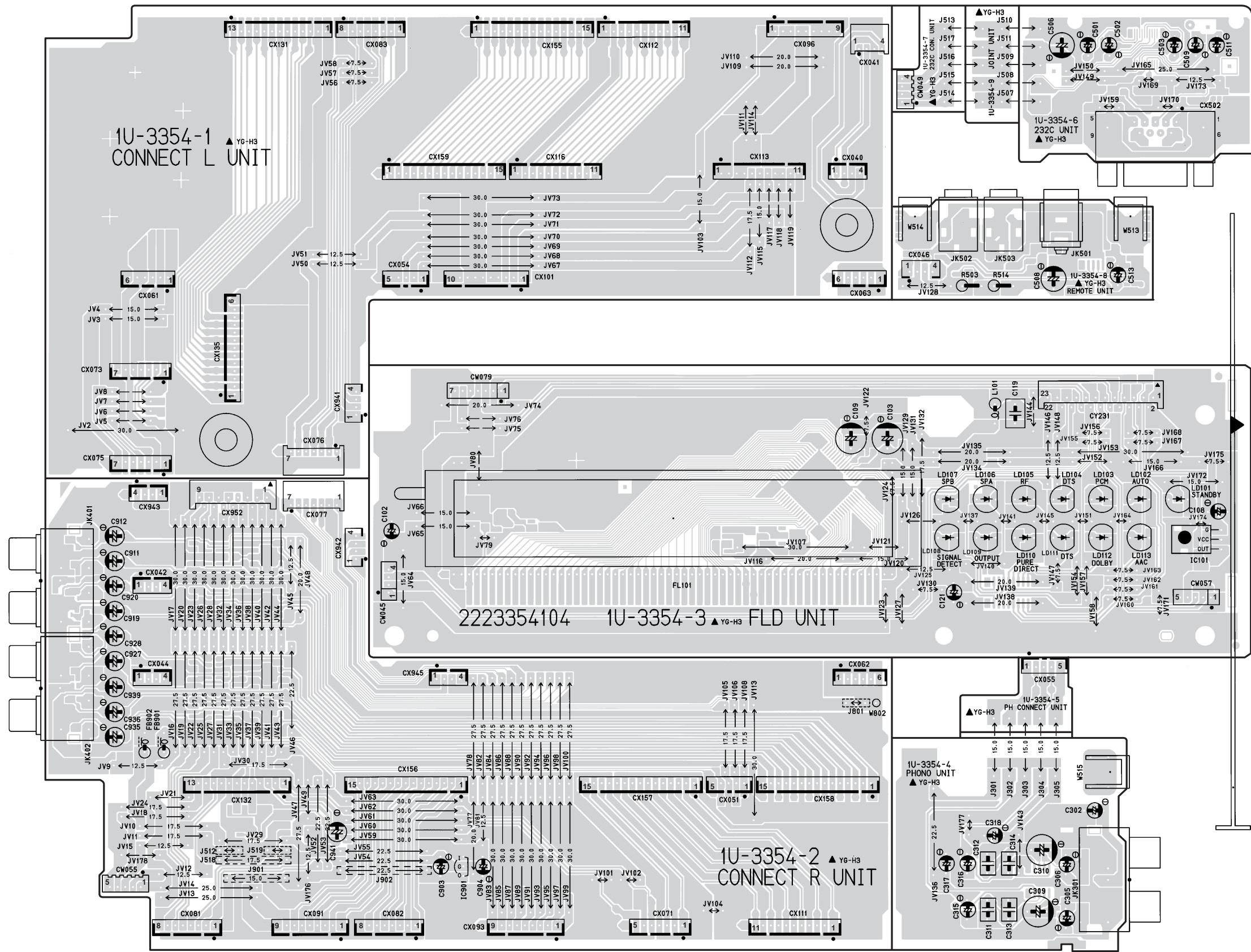
1 2 3 4 5 6 7 8

1U-3353 PRIMARY UNIT Ass'y



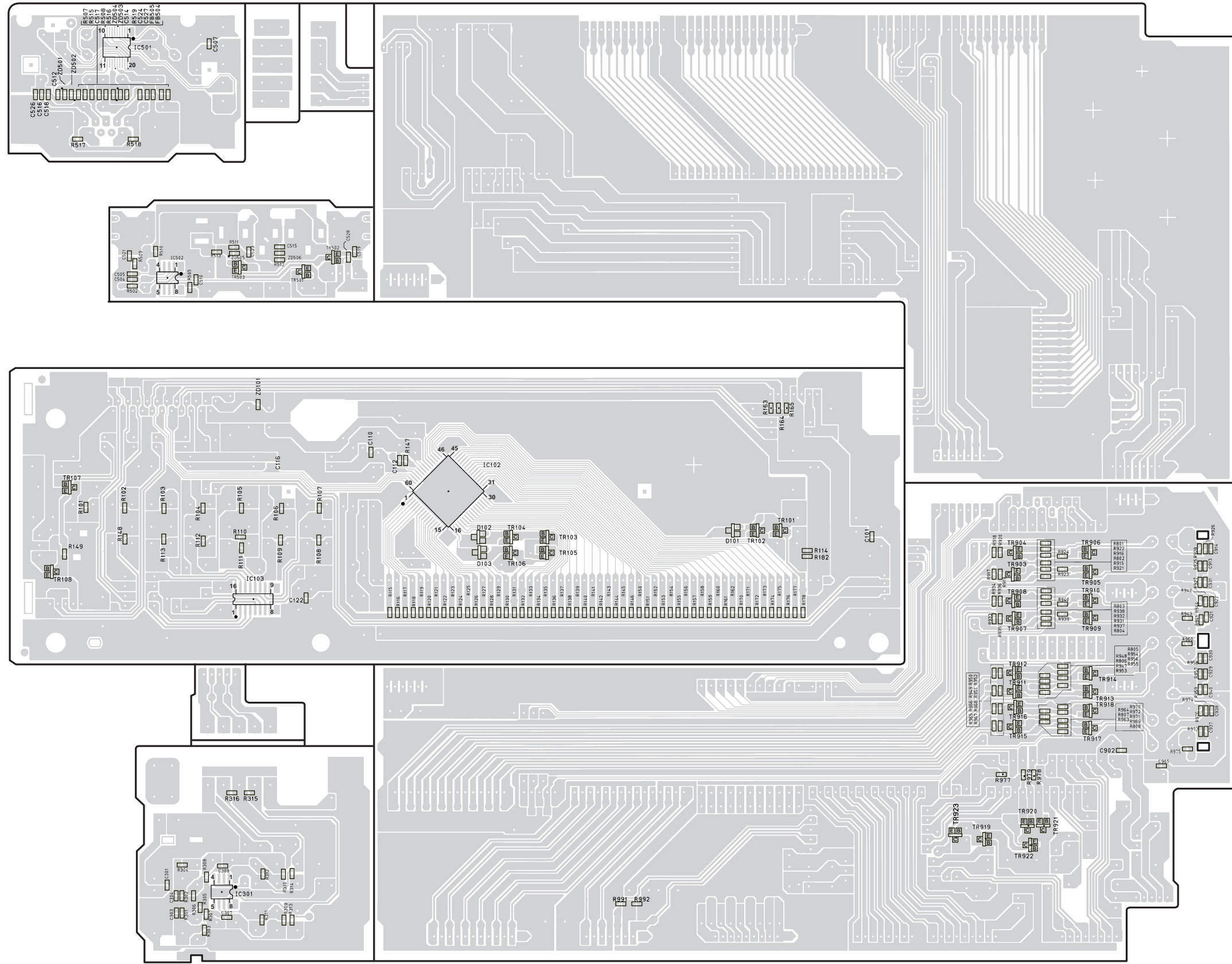
FOIL SIDE

1 2 3 4 5 6 7 8
1U-3354 CONNECT UNIT Ass'y



COMPONENT SIDE

1U-3354 CONNECT UNIT Ass'y



FOIL SIDE

1

2

3

4

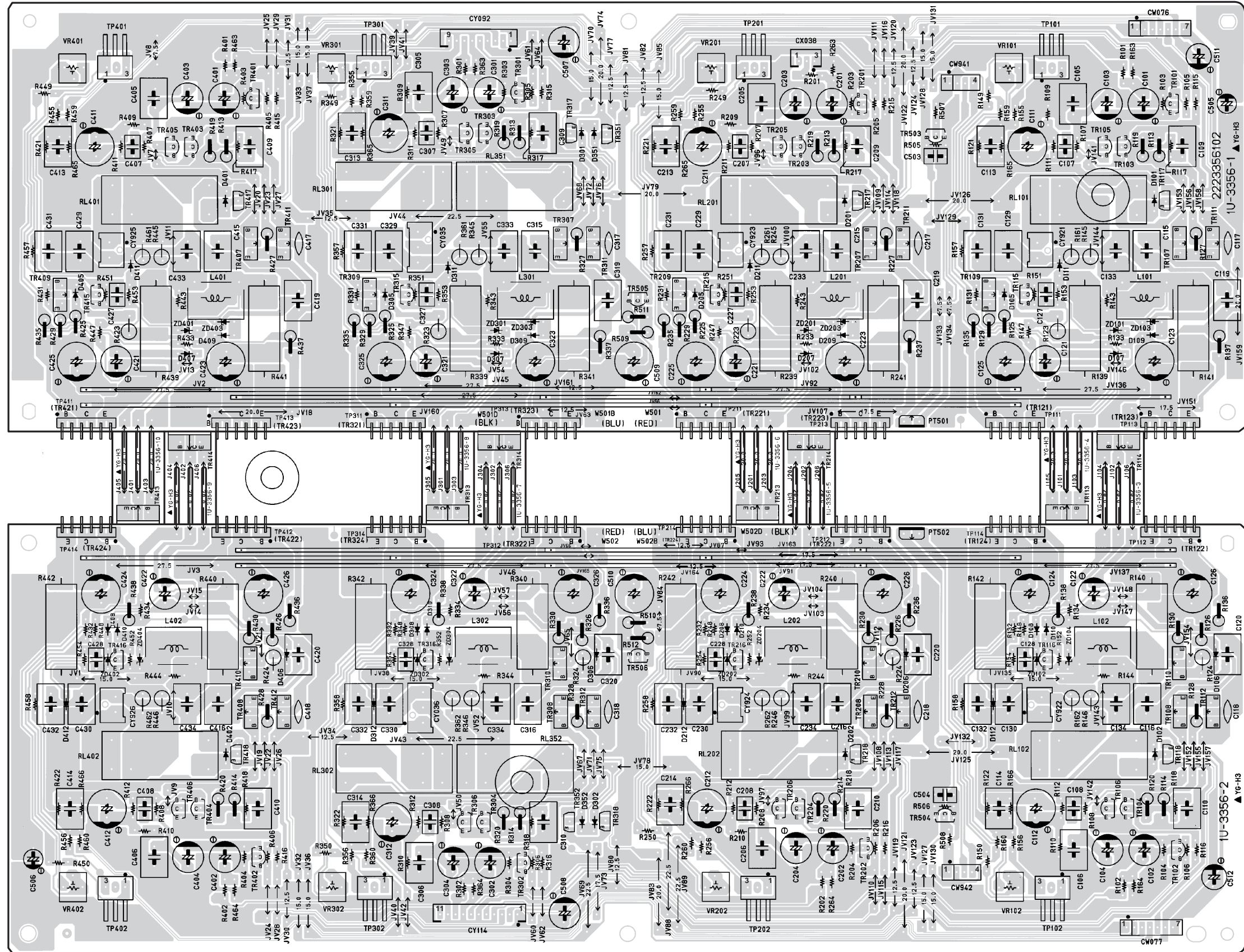
5

6

7

8

1U-3356 AMP UNIT Ass'y



A

B

C

D


E

COMPONENT 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
 Type Shape Power Resist- Allowable Others
 and per- ance error

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

* **Resistance**

1 8 2 ⇒ 1800 ohm = 1.8 kohm
 ↑ ↑ ↑
 1-digit effective number. 2-digit effective number.

• Units: ohm

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

• Units: ohm

● **Capacitors**

Ex.: CE 04W 1H 2R2 M BP
 Type Shape Dielectric Capacity Allowable Others
 and per- strength error

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

* **Capacity (electrolyte only)**

2 2 2 ⇒ 2200µF
 ↑ ↑ ↑
 1-digit effective number. 2-digit effective number.

• Units: µF.

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

• Units: µF.

* **Capacity (except electrolyte)**

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

• Units: pF.

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

• Units: pF.

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

PARTS LIST OF P.W.B. UNIT

1U-3350 DSP UNIT ASS'Y

Ref. No.	Part No.	Part Name	Remarks	Ref. No.	Part No.	Part Name	Remarks
SEMICONDUCTORS GROUP							
IC101	262 2572 901	IC SN74LVU04APW-EL2		IC514	262 2780 900	IC SN74AHCT541PW	
IC102-104	262 2944 908	IC SN74HC151APW-EL2		IC515	262 2729 903	IC SN74LV02APW-EL2	
IC105	262 2945 907	IC SN74HC153APW-EL2		IC516	262 2606 903	IC SN74AHCT573PW	
IC106	262 2861 900	IC 74VHC123AMTCX		IC517	262 2682 901	IC SN74LV573ANS-EL2	
IC107	262 2870 904	IC 74LVX157MTC		IC518	262 2641 900	IC SN74LV541APW	
IC108	262 2519 906	IC SN74LV00APW-EL2		IC519	262 2729 903	IC SN74LV02APW-EL2	
IC109	262 2980 904	IC SN74AHC1G04DBV		IC520	262 2606 903	IC SN74AHCT573PW	
IC110	262 2557 900	IC SN74LV14APW-EL2		IC521	262 2682 901	IC SN74LV573ANS-EL2	
IC111	262 2675 015	IC LC89055W-RA8		IC522	262 2641 900	IC SN74LV541APW	
IC112	262 2781 909	IC SN74LV4040APW		IC523	262 2948 904	IC SN74LV86APW	
IC113	399 0575 008	Crystal 12.287 MHz		IC526,527	263 1048 002	IC BA033T	
IC114	262 2772 905	IC AK5353		IC801	GEN5215	SUB CPU ASSY	AVR MODEL ONLY 262 2784 003 TMP95FY64F
IC115	263 0934 900	IC BA4510F-E2			GEN5299	SUB CPU ASSY 2	AVC MODEL ONLY 2622784003 TMP95FY64F
IC116	269 0178 007	Optical connector GP1F37R1		IC802	GEN5214	MAIN CPU SUB ASSY	AVR MODEL ONLY 262 2784 003 TMP95FY64F
IC117	263 0896 909	IC NJM2068MD-T1			GEN5298	MAIN CPU SUB ASSY 2	AVC MODEL ONLY 262 2784 003 TMP95FY64F
IC118-121	269 0178 007	Optical connector GP1F37R1		IC803	262 2641 900	IC SN74LV541APW	
IC122,123	269 0177 008	Optical connector GP1F38T2		IC805	262 2785 905	IC SN74LV125APW	
IC124	262 2557 900	IC SN74LV14APW-EL2		IC806	262 2786 904	IC SN74LV126APW	
IC125	262 2517 908	IC SN74LV08APW-EL2		TR102,103	269 0192 902	Transistor KRC102S-RTK(10K-10K)	
IC201-204	263 0896 909	IC NJM2068MD-T1		TR104,105	269 0184 907	Transistor KRA102S-RTK	
IC301	262 2768 906	IC AD1854KRSRL		TR107,108	273 0460 905	Transistor KTC2875B-RTK	
IC302	263 0896 909	IC NJM2068MD-T1		TR301-303	269 0184 907	Transistor KRA102S-RTK	
IC303	262 2768 906	IC AD1854KRSRL		TR305-308	273 0460 905	Transistor KTC2875B-RTK	
IC304	263 0896 909	IC NJM2068MD-T1		TR309-311	269 0184 907	Transistor KRA102S-RTK	
IC305	262 2768 906	IC AD1854KRSRL		TR313-316	273 0460 905	Transistor KTC2875B-RTK	
IC306	263 0896 909	IC NJM2068MD-T1		TR317-319	269 0184 907	Transistor KRA102S-RTK	
IC307	262 2768 906	IC AD1854KRSRL		TR321-324	273 0460 905	Transistor KTC2875B-RTK	
IC308	263 0896 909	IC NJM2068MD-T1		TR325-327	269 0184 907	Transistor KRA102S-RTK	
IC309,310	263 1100 005	IC KIA7805API		TR329-332	273 0460 905	Transistor KTC2875B-RTK	
IC471	263 0896 909	IC NJM2068MD-T1		TR471,472	273 0460 905	Transistor KTC2875B-RTK	
IC501,502	262 2853 002	IC ADSP-21065L		TR501,502	269 0184 907	Transistor KRA102S-RTK	
IC504	GEN5216	DSP1 CPU SUB ASS'Y	AVR MODEL ONLY 2622779005 LH28F800BVE-BTL90	TR801	269 0192 902	Transistor KRC102S-RTK(10K-10K)	
	GEN5300	DSP1 CPU SUB ASS'Y 2	AVC MODEL ONLY 2622779005 LH28F800BVE-BTL90	TR802	271 0299 905	Transistor 2SA1505Y-RTK	
IC505,506	262 2855 000	IC 16M SDRAM TSOP-8 H/W		TR803	269 0192 902	Transistor KRC102S-RTK(10K-10K)	
IC507	GEN5217	DSP2 CPU SUB ASS'Y	AVR MODEL ONLY 2622779005 LH28F800BVE-BTL90	TR804	269 0184 907	Transistor KRA102S-RTK	
	GEN5301	DSP2 CPU SUB ASS'Y 2	AVC MODEL ONLY 2622779005 LH28F800BVE-BTL90	TR806	269 0192 902	Transistor KRC102S-RTK(10K-10K)	
IC508,509	262 2855 000	IC 16M SDRAM TSOP-8 H/W		TR807	269 0184 907	Transistor KRA102S-RTK	
IC510	262 2854 904	IC HG-8002JA33MHZPCCX		TR808	269 0193 901	Transistor KRC104S-RTK(47K-47K)	
IC511	262 2519 906	IC SN74LV00APW-EL2		TR809	273 0384 900	Transistor 2SC2412KT96(S)	
IC512	262 2781 909	IC SN74LV4040APW		TR810	269 0192 902	Transistor KRC102S-RTK(10K-10K)	
IC513	262 2519 906	IC SN74LV00APW-EL2					

Ref. No.	Part No.	Part Name	Remarks
TR812,813	273 0384 900	Transistor 2SC2412KT96(S)	
TR814	271 0238 908	Transistor 2SA1037KT96(S/R)	
TR815	273 0384 900	Transistor 2SC2412KT96(S)	
TR816	274 0163 904	Transistor 2SD601A	
TR817	273 0384 900	Transistor 2SC2412KT96(S)	
TR818	271 0238 908	Transistor 2SA1037KT96(S/R)	
TR819	273 0384 900	Transistor 2SC2412KT96(S)	
TR820,821	269 0193 901	Transistor KRC104S-RTK(47K-47K)	
TR822	269 0184 907	Transistor KRA102S-RTK	
TR823	269 0193 901	Transistor KRC104S-RTK(47K-47K)	
D101,102	276 0739 907	Diode KDS181-RTK(A-COM)	
D301-304	276 0740 909	Diode KDS184-RTK(K-COM)	
D802,803	276 0739 907	Diode KDS181-RTK(A-COM)	
D804,805	276 0704 903	Diode 1SR35-400A(T93X)	
ZD801	276 0693 946	Zener diode UDZ3.0B	
SC101	279 0016 904	Thyristor SF0R1A42(TPE2)	

RESISTORS GROUP

R101-106	247 2005 945	Carbon chip 150 ohm 1/16W	RM73B--151JT
R107-109	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B--101JT
R110-114	247 2009 909	Carbon chip 4.7 kohm 1/16W	RM73B--472JT (1608)
R115	247 2008 926	Carbon chip 2.2 kohm 1/16W	RM73B--222JT
R116,117	247 2011 942	Carbon chip 47 kohm 1/16W	RM73B--473JT
R118	247 2008 926	Carbon chip 2.2 kohm 1/16W	RM73B--222JT
R119	247 2011 942	Carbon chip 47 kohm 1/16W	RM73B--473JT
R120	247 2008 926	Carbon chip 2.2 kohm 1/16W	RM73B--222JT
R122	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B--101JT
R123	247 2014 965	Carbon chip 1 Mohm 1/16W	RM73B--105JT
R124-126	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B--101JT
R127	247 2011 900	Carbon chip 33 kohm 1/16W	RM73B--333JT
R128	247 2003 989	Carbon chip 33 ohm 1/16W	RM73B--330JT
R129,130	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B--0R0KT
R131,132	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B--101JT
R134	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B--101JT
R135	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B--0R0KT
R138	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT
R142	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B--0R0KT
R143	247 2009 967	Carbon chip 8.2 kohm 1/16W	RM73B--822JT
R144	247 2008 955	Carbon chip 3 kohm 1/16W	RM73B--302JT
R145	247 2009 912	Carbon chip 5.1 kohm 1/16W	RM73B--512JT
R146	247 2004 975	Carbon chip 75 ohm 1/16W	RM73B--750JT
R147-149	247 2003 989	Carbon chip 33 ohm 1/16W	RM73B--330JT
R150	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B--101JT
R151-154	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B--0R0KT
R155-162	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B--101JT
R163,164	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT
R167,168	247 2006 960	Carbon chip 470 ohm 1/16W	RM73B--471JT

Ref. No.	Part No.	Part Name	Remarks
R169,170	247 2009 938	Carbon chip 6.2 kohm 1/16W	RM73B--622JT
R171,172	247 2010 901	Carbon chip 12 kohm 1/16W	RM73B--123JT
R175-178	247 2009 909	Carbon chip 4.7 kohm 1/16W	RM73B--472JT (1608)
R179,180	247 2011 942	Carbon chip 47 kohm 1/16W	RM73B--473JT
R183	247 2007 943	Carbon chip 1 kohm 1/16W	RM73B--102JT
R184	247 2011 942	Carbon chip 47 kohm 1/16W	RM73B--473JT
R185,186	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B--0R0KT
R187,188	247 2006 902	Carbon chip 330 ohm 1/16W	RM73B--331JT (1608)
R189,190	247 2007 969	Carbon chip 1.2 kohm 1/16W	RM73B--122JT
R191,192	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B--101JT
R195,196	247 2007 943	Carbon chip 1 kohm 1/16W	RM73B--102JT
R197	247 2003 989	Carbon chip 33 ohm 1/16W	RM73B--330JT
R198	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B--101JT
R199-204	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B--104JT
R205,206	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B--101JT
R207,208	247 2004 920	Carbon chip 47 ohm 1/16W	RM73B--470JT
R209,210	247 2011 942	Carbon chip 47 kohm 1/16W	RM73B--473JT
R211	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B--104JT
R212	247 2010 985	Carbon chip 27 kohm 1/16W	RM73B--273JT
R213	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B--104JT
R214	247 2013 982	Carbon chip 470 kohm 1/16W	RM73B--474JT
R215,216	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B--101JT
R217,218	247 2004 920	Carbon chip 47 ohm 1/16W	RM73B--470JT
R219,220	247 2011 942	Carbon chip 47 kohm 1/16W	RM73B--473JT
R221-224	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B--104JT
R225,226	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B--101JT
R227,228	247 2004 920	Carbon chip 47 ohm 1/16W	RM73B--470JT
R229,230	247 2011 942	Carbon chip 47 kohm 1/16W	RM73B--473JT
R231-234	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B--104JT
R235,236	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B--101JT
R237,238	247 2004 920	Carbon chip 47 ohm 1/16W	RM73B--470JT
R239,240	247 2011 942	Carbon chip 47 kohm 1/16W	RM73B--473JT
R241	247 2010 956	Carbon chip 20 kohm 1/16W	RM73B--203JT
R242-247	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B--0R0KT
R250	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B--0R0KT
R308-310	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B--0R0KT
R311-313	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT
R314-316	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B--0R0KT
R317	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT
R318	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B--0R0KT
R319-322	247 2008 900	Carbon chip 1.8 kohm 1/16W	RM73B--182JT
R323-330	247 2008 913	Carbon chip 2 kohm 1/16W	RM73B--202JT
R333,334	247 2005 974	Carbon chip 200 ohm 1/16W	RM73B--201JT
R337,338	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B--104JT
R339,340	247 2007 914	Carbon chip 750 ohm 1/16W	RM73B--751JT
R341,342	247 2005 974	Carbon chip 200 ohm 1/16W	RM73B--201JT
R343-346	247 2011 900	Carbon chip 33 kohm 1/16W	RM73B--333JT
R347	247 2007 943	Carbon chip 1 kohm 1/16W	RM73B--102JT
R348	247 2011 942	Carbon chip 47 kohm 1/16W	RM73B--473JT
R351-353	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT

Ref. No.	Part No.	Part Name	Remarks	Ref. No.	Part No.	Part Name	Remarks
R354-356	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B--0R0KT	R493	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B--0R0KT
R357	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT	R496	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B--0R0KT
R359	247 2008 900	Carbon chip 1.8 kohm 1/16W	RM73B--182JT	R498,499	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B--0R0KT
R360	247 2008 942	Carbon chip 2.7 kohm 1/16W	RM73B--272JT				
R361	247 2008 900	Carbon chip 1.8 kohm 1/16W	RM73B--182JT	R501	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B--0R0KT
R362	247 2008 942	Carbon chip 2.7 kohm 1/16W	RM73B--272JT	R502,503	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B--101JT
R363	247 2008 913	Carbon chip 2 kohm 1/16W	RM73B--202JT	R505,506	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B--101JT
R364	247 2010 914	Carbon chip 13 kohm 1/16W	RM73B--133JT	R507-511	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT
R365	247 2008 913	Carbon chip 2 kohm 1/16W	RM73B--202JT	R512	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B--101JT
R366	247 2008 926	Carbon chip 2.2 kohm 1/16W	RM73B--222JT	R513-515	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT
R367	247 2008 913	Carbon chip 2 kohm 1/16W	RM73B--202JT	R516-521	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B--101JT
R368	247 2008 926	Carbon chip 2.2 kohm 1/16W	RM73B--222JT	R522	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT
R369	247 2008 913	Carbon chip 2 kohm 1/16W	RM73B--202JT	R523,524	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B--101JT
R370	247 2010 914	Carbon chip 13 kohm 1/16W	RM73B--133JT	R525	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT
R373,374	247 2005 974	Carbon chip 200 ohm 1/16W	RM73B--201JT	R526-543	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B--101JT
R375-377	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B--104JT	R544	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT
R378	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT	R545-582	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B--101JT
R379,380	247 2006 986	Carbon chip 560 ohm 1/16W	RM73B--561JT	R583-594	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT
R381,382	247 2005 974	Carbon chip 200 ohm 1/16W	RM73B--201JT	R595-598	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B--101JT
R383-386	247 2011 900	Carbon chip 33 kohm 1/16W	RM73B--333JT	R599-603	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT
R387	247 2007 943	Carbon chip 1 kohm 1/16W	RM73B--102JT				
R388	247 2011 942	Carbon chip 47 kohm 1/16W	RM73B--473JT	R604	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B--101JT
R390-392	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT	R605-607	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT
R393-395	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B--0R0KT	R608-613	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B--101JT
R396	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT	R614	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT
R397-400	247 2008 900	Carbon chip 1.8 kohm 1/16W	RM73B--182JT	R615,616	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B--101JT
				R617	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT
R401-408	247 2008 913	Carbon chip 2 kohm 1/16W	RM73B--202JT	R618-635	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B--101JT
R411,412	247 2005 974	Carbon chip 200 ohm 1/16W	RM73B--201JT	R636	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT
R415,416	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B--104JT	R637-661	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B--101JT
R417,418	247 2007 914	Carbon chip 750 ohm 1/16W	RM73B--751JT	R662	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT
R419,420	247 2005 974	Carbon chip 200 ohm 1/16W	RM73B--201JT	R665-670	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT
R421-424	247 2011 900	Carbon chip 33 kohm 1/16W	RM73B--333JT	R671,672	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B--101JT
R425	247 2007 943	Carbon chip 1 kohm 1/16W	RM73B--102JT	R673,674	247 2003 989	Carbon chip 33 ohm 1/16W	RM73B--330JT
R426	247 2011 942	Carbon chip 47 kohm 1/16W	RM73B--473JT	R675	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT
R429-431	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT	R676	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B--0R0KT
R432-434	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B--0R0KT	R677	247 2003 989	Carbon chip 33 ohm 1/16W	RM73B--330JT
R435	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT	R678-683	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT
R437-440	247 2008 900	Carbon chip 1.8 kohm 1/16W	RM73B--182JT	R684,685	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B--101JT
R441-448	247 2008 913	Carbon chip 2 kohm 1/16W	RM73B--202JT	R688-691	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT
R451,452	247 2005 974	Carbon chip 200 ohm 1/16W	RM73B--201JT	R692	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B--0R0KT
R453-456	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B--104JT	R693	247 2003 989	Carbon chip 33 ohm 1/16W	RM73B--330JT
R457,458	247 2006 986	Carbon chip 560 ohm 1/16W	RM73B--561JT	R694-698	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B--101JT
R459,460	247 2005 974	Carbon chip 200 ohm 1/16W	RM73B--201JT				
R461-464	247 2011 900	Carbon chip 33 kohm 1/16W	RM73B--333JT	R700	247 2008 913	Carbon chip 2 kohm 1/16W	RM73B--202JT
R465	247 2007 943	Carbon chip 1 kohm 1/16W	RM73B--102JT	R701-704	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B--101JT
R466	247 2011 942	Carbon chip 47 kohm 1/16W	RM73B--473JT	R705-707	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT
R473,474	247 2006 957	Carbon chip 430 ohm 1/16W	RM73B--431JT				
R475,476	247 2007 969	Carbon chip 1.2 kohm 1/16W	RM73B--122JT	R801,802	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT
R479,480	247 2007 985	Carbon chip 1.5 kohm 1/16W	RM73B--152JT	R804-807	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B--0R0KT
R481,482	247 2006 999	Carbon chip 620 ohm 1/16W	RM73B--621JT	R808	247 2007 943	Carbon chip 1 kohm 1/16W	RM73B--102JT
R485,486	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B--104JT	R809,810	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B--0R0KT

Ref. No.	Part No.	Part Name	Remarks	Ref. No.	Part No.	Part Name	Remarks
R811	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT	R894	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B--0R0KT
R814	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT	R897	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B--0R0KT
R815-817	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT	CAPACITORS GROUP			
R818	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B--0R0KT	C101	257 0512 903	Ceramic chip 0.1µF/25V	CK73F1E104ZT
R819	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT	C107-109	257 0511 904	Ceramic chip 0.01µF/50V	CK73F1H103ZT
R820	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B--0R0KT	C110-112	254 4573 965	Electrolytic 3.3µF/50V	CE04W1H3R3MT(RE3)
R822-825	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B--0R0KT	C113-119	257 0512 903	Ceramic chip 0.1µF/25V	CK73F1E104ZT
R827	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT	C120	254 4522 903	Electrolytic 4.7µF/35V	CE04W1V4R7MT SMG/RE3
R828	247 2011 942	Carbon chip 47 kohm 1/16W	RM73B--473JT	C122,123	257 0504 908	Ceramic chip 22pF/50V	CC73CH1H220JT
R829	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT	C124	257 0511 904	Ceramic chip 0.01µF/50V	CK73F1H103ZT
R831	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT	C125	254 4573 981	Electrolytic 10µF/50V	CE04W1H100MT(RE3)
R832	247 2009 909	Carbon chip 4.7 kohm 1/16W	RM73B--472JT (1608)	C126	257 0504 908	Ceramic chip 22pF/50V	CC73CH1H220JT
R833-835	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT	C127-130	257 0511 904	Ceramic chip 0.01µF/50V	CK73F1H103ZT
R837,838	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT	C131	257 0509 929	Ceramic chip 1000pF/50V	CK73B1H102KT
R839	241 2387 908	Carbon film 1 ohm 1/4W(NB)	RD14B2E010JNBST	C132,133	257 0511 904	Ceramic chip 0.01µF/50V	CK73F1H103ZT
R840,841	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT	C134	257 0507 976	Ceramic chip 330pF/50V	CC73CH1H331JT
R843	247 2007 943	Carbon chip 1 kohm 1/16W	RM73B--102JT	C135	257 0511 904	Ceramic chip 0.01µF/50V	CK73F1H103ZT
R844,845	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT	C136	257 0516 909	Ceramic chip 0.022µF/25V	CK73B1E223KT
R846	247 2011 942	Carbon chip 47 kohm 1/16W	RM73B--473JT	C137	257 0511 904	Ceramic chip 0.01µF/50V	CK73F1H103ZT
R847	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT AVC MODEL ONLY	C138-141	257 0512 903	Ceramic chip 0.1µF/25V	CK73F1E104ZT
R849,850	247 2007 943	Carbon chip 1 kohm 1/16W	RM73B--102JT	C142	257 0501 901	Ceramic chip 0.01µF/50V	CK73B1H103KT (1608)
R851	247 2001 981	Carbon chip 4.7 ohm 1/16W	RM73B--4R7KT	C144	255 4235 934	Mylar film 0.01µF/100V	CQ93P2A103JT(NH)
R852	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT	C145,146	257 0512 903	Ceramic chip 0.1µF/25V	CK73F1E104ZT
R853	247 2001 981	Carbon chip 10 kohm 1/16W	RM73B--103JT	C147	254 4524 943	Electrolytic 1µF/50V	CE04W1H010MT SMG/RE3
R854	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B--104JT	C148	257 0511 904	Ceramic chip 0.01µF/50V	CK73F1H103ZT
R855	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT	C149	257 0509 929	Ceramic chip 1000pF/50V	CK73B1H102KT
R856	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B--101JT	C150	257 0511 904	Ceramic chip 0.01µF/50V	CK73F1H103ZT
R857	247 2007 985	Carbon chip 1.5 kohm 1/16W	RM73B--152JT	C151	254 4533 921	Electrolytic 100µF/6.3V	CE04W0J101MT SMG/RE3
R858	247 2011 942	Carbon chip 47 kohm 1/16W	RM73B--473JT	C152	257 0512 903	Ceramic chip 0.1µF/25V	CK73F1E104ZT
R859	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B--104JT	C153	257 0509 929	Ceramic chip 1000pF/50V	CK73B1H102KT
R860	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B--101JT	C154,155	254 4538 900	Electrolytic 10µF/16V	CE04W1C100MT SMG/RE3
R861	247 2013 908	Carbon chip 220 kohm 1/16W	RM73B--224JT	C156	257 0512 903	Ceramic chip 0.1µF/25V	CK73F1E104ZT
R862	247 2011 942	Carbon chip 47 kohm 1/16W	RM73B--473JT	C157	254 4522 903	Electrolytic 4.7µF/35V	CE04W1V4R7MT SMG/RE3
R863	247 2004 920	Carbon chip 47 ohm 1/16W	RM73B--470JT	C158,159	257 0512 903	Ceramic chip 0.1µF/25V	CK73F1E104ZT
R864	247 2007 943	Carbon chip 1 kohm 1/16W	RM73B--102JT	C160	254 4522 903	Electrolytic 4.7µF/35V	CE04W1V4R7MT SMG/RE3
R865	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B--0R0KT	C163,164	257 3011 948	Metalized chip 2200pF/50V	CF73=1H222JT (ECHUB5)
R868	247 2009 909	Carbon chip 4.7 kohm 1/16W	RM73B--472JT (1608)	C165,166	254 4573 981	Electrolytic 10µF/50V	E04W1H100MT(RE3)
R869	247 2001 981	Carbon chip 4.7 ohm 1/16W	RM73B--4R7KT	C167,168	257 3010 907	Metalized chip 100pF/50V	CF73=1H101JT (ECHUB5)
R870	247 2009 909	Carbon chip 4.7 kohm 1/16W	RM73B--472JT (1608)	C169,170	254 4577 945	Electrolytic 100µF/16V	E04W1C101MT(RE3)
R871	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT	C171,172	254 4573 981	Electrolytic 10µF/50V	CE04W1H100MT(RE3)
R872	247 2009 909	Carbon chip 4.7 kohm 1/16W	RM73B--472JT (1608)	C173,174	257 0512 903	Ceramic chip 0.1µF/25V	CK73F1E104ZT
R873	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B--104JT	C175,176	254 4573 981	Electrolytic 10µF/50V	CE04W1H100MT(RE3)
R874	247 2013 908	Carbon chip 220 kohm 1/16W	RM73B--224JT	C178	257 0511 904	Ceramic chip 0.01µF/50V	CK73F1H103ZT
R875	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT	C181,182	254 4573 994	Electrolytic 22µF/50V	CE04W1H220MT(RE3)
R876	247 2009 909	Carbon chip 4.7 kohm 1/16W	RM73B--472JT (1608)	C183,184	254 4573 981	Electrolytic 10µF/50V	CE04W1H100MT(RE3)
R877	247 2011 900	Carbon chip 33 kohm 1/16W	RM73B--333JT	C185	257 3013 933	Ceramic chip 0.1µF/50V	CF73=1H104JT (ECHUC9)
R878	247 2001 981	Carbon chip 4.7 ohm 1/16W	RM73B--4R7KT	C187	257 0516 941	Ceramic chip 0.047µF/25V	CK73B1E473KT
R880,881	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT	C188,189	257 0511 917	Ceramic chip 0.022µF/50V	CK73F1H223ZT
R883-887	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT				
R889,890	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT AVR MODEL ONLY				
R891	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B--103JT				

Ref. No.	Part No.	Part Name	Remarks	Ref. No.	Part No.	Part Name	Remarks
C190	257 0509 929	Ceramic chip 1000pF/50V	CK73B1H102KT	C338	257 0504 982	Ceramic chip 47pF/50V	CC73CH1H470JT
C201,202	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101JT AVC MODEL ONLY	C339,340	257 3012 921	Ceramic chip 0.01μF/50V	CF73=1H103JT (ECHUB5)
C203,204	254 4573 981	Electrolytic 10μF/50V	CE04W1H100MT(RE3)	C341,342	254 4573 994	Electrolytic 22μF/50V	CE04W1H220MT(RE3)
C207,208	254 4573 994	Electrolytic 22μF/50V	CE04W1H220MT(RE3)	C344	257 0511 917	Ceramic chip 0.022μF/50V	CK73F1H223ZT
C209,210	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101JT AVC MODEL ONLY	C345,346	254 4573 981	Electrolytic 10μF/50V	CE04W1H100MT(RE3)
C211,212	254 4573 981	Electrolytic 10μF/50V	CE04W1H100MT(RE3)	C347	257 0511 917	Ceramic chip 0.022μF/50V	CK73F1H223ZT
C215,216	254 4573 994	Electrolytic 22μF/50V	CE04W1H220MT(RE3)	C348	254 4557 936	Electrolytic 10μF/50V	CE04W1H100MT(RFS)
C217,218	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101JT AVC MODEL ONLY	C349	254 4573 981	Electrolytic 10μF/50V	CE04W1H100MT(RE3)
C219,220	254 4573 981	Electrolytic 10μF/50V	CE04W1H100MT(RE3)	C350	257 0511 917	Ceramic chip 0.022μF/50V	CK73F1H223ZT
C223,224	254 4573 994	Electrolytic 22μF/50V	CE04W1H220MT(RE3)	C351-354	257 3011 919	Metalized chip 1000pF/50V	CF73=1H102JT (ECHUB5)
C225,226	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101JT AVC MODEL ONLY	C355-358	257 3010 949	Metalized chip 220pF/50V	CF73=1H221JT (ECHUB5)
C227,228	254 4573 981	Electrolytic 10μF/50V	CE04W1H100MT(RE3)	C359,360	257 3012 921	Ceramic chip 0.01μF/50V	CF73=1H103JT (ECHUB5)
C231,232	254 4573 994	Electrolytic 22μF/50V	CE04W1H220MT(RE3)	C361,362	254 4573 981	Electrolytic 10μF/50V	CE04W1H100MT(RE3)
C233,234	254 4573 949	Electrolytic 1μF/50V	CE04W1H010MT(RE3)	C364	257 0511 917	Ceramic chip 0.022μF/50V	CK73F1H223ZT
C235,236	257 0511 917	Ceramic chip 0.022μF/50V	CK73F1H223ZT	C365,366	254 4573 981	Electrolytic 10μF/50V	CE04W1H100MT(RE3)
C237	254 4313 963	Electrolytic 1μF/50V	CE04W1H010MT(ASF)	C367	257 0511 917	Ceramic chip 0.022μF/50V	CK73F1H223ZT
C302	257 0511 917	Ceramic chip 0.022μF/50V	CK73F1H223ZT	C368	254 4557 936	Electrolytic 10μF/50V	CE04W1H100MT(RFS)
C303,304	254 4573 981	Electrolytic 10μF/50V	CE04W1H100MT(RE3)	C369	254 4573 981	Electrolytic 10μF/50V	CE04W1H100MT(RE3)
C305	257 0511 917	Ceramic chip 0.022μF/50V	CK73F1H223ZT	C370	257 0511 917	Ceramic chip 0.022μF/50V	CK73F1H223ZT
C306	254 4557 936	Electrolytic 10μF/50V	CE04W1H100MT(RFS)	C371-374	257 3011 919	Metalized chip 1000pF/50V	CF73=1H102JT (ECHUB5)
C307	254 4573 981	Electrolytic 10μF/50V	CE04W1H100MT(RE3)	C375-378	257 3010 949	Metalized chip 220pF/50V	CF73=1H221JT (ECHUB5)
C308	257 0511 917	Ceramic chip 0.022μF/50V	CK73F1H223ZT	C379,380	257 3012 921	Ceramic chip 0.01μF/50V	CF73=1H103JT (ECHUB5)
C309-312	257 3011 919	Metalized chip 1000pF/50V	CF73=1H102JT (ECHUB5)	C381,382	254 4573 994	Electrolytic 22μF/50V	CE04W1H220MT(RE3)
C313-316	257 3010 949	Metalized chip 220pF/50V	CF73=1H221JT (ECHUB5)	C383,384	256 1058 971	Metalized 0.1μF/50V	CF93A1H104JT (JL)
C317,318	257 3012 921	Ceramic chip 0.01μF/50V	CF73=1H103JT (ECHUB5)	C385-388	254 4573 949	Electrolytic 1μF/50V	CE04W1H010MT(RE3)
C319,320	254 4573 981	Electrolytic 10μF/50V	CE04W1H100MT(RE3)	C473,474	254 4573 994	Electrolytic 22μF/50V	CE04W1H220MT(RE3)
C322	257 0511 917	Ceramic chip 0.022μF/50V	CK73F1H223ZT	C475,476	254 4573 981	Electrolytic 10μF/50V	CE04W1H100MT(RE3)
C323,324	254 4573 981	Electrolytic 10μF/50V	CE04W1H100MT(RE3)	C477	257 0511 904	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C325	257 0511 917	Ceramic chip 0.022μF/50V	CK73F1H223ZT	C479	257 0516 909	Ceramic chip 0.022μF/25V	CK73B1E223KT
C326	254 4557 936	Electrolytic 10μF/50V	CE04W1H100MT(RFS)	C481-484	257 0516 909	Ceramic chip 0.022μF/25V	CK73B1E223KT
C327	254 4573 981	Electrolytic 10μF/50V	CE04W1H100MT(RE3)	C501-513	257 0512 903	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C328	257 0511 917	Ceramic chip 0.022μF/50V	CK73F1H223ZT	C514	254 4347 748	Electrolytic 1μF/50V	CE04W1H010MC(ARSA)
C329	257 3011 919	Metalized chip 1000pF/50V	CF73=1H102JT (ECHUB5)	C515-539	257 0512 903	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C330	257 3006 953	Metalized chip 680pF/50V	CF73=1H681JT (ECHUB5)	C540	254 4347 748	Electrolytic 1μF/50V	CE04W1H010MC(ARSA)
C331,332	256 1058 971	Metalized 0.1μF/50V	CF93A1H104JT (JL)	C557-562	257 0512 903	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C333	257 3011 919	Metalized chip 1000pF/50V	CF73=1H102JT (ECHUB5)	C563	257 0511 904	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C334	257 3006 953	Metalized chip 680pF/50V	CF73=1H681JT (ECHUB5)	C564	257 0509 929	Ceramic chip 1000pF/50V	CK73B1H102KT
C335	257 3010 949	Metalized chip 220pF/50V	CF73=1H221JT (ECHUB5)	C565	254 4533 921	Electrolytic 100μF/6.3V	CE04W0J101MT SMG/RE3
C336	257 0504 982	Ceramic chip 47pF/50V	CC73CH1H470JT	C566-571	257 0512 903	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C337	257 3010 949	Metalized chip 220pF/50V	CF73=1H221JT (ECHUB5)	C572-584	257 0511 904	Ceramic chip 0.01μF/50V	CK73F1H103ZT
				C586-589	254 4533 921	Electrolytic 100μF/6.3V	CE04W0J101MT SMG/RE3
				C801	257 0512 903	Ceramic chip 0.1μF/25V	CK73F1E104ZT
				C802,803	254 4538 900	Electrolytic 10μF/16V	CE04W1C100MT SMG/RE3
				C804,805	257 0512 903	Ceramic chip 0.1μF/25V	CK73F1E104ZT

Ref. No.	Part No.	Part Name	Remarks	Ref. No.	Part No.	Part Name	Remarks	Q'ty
C806	254 4538 900	Electrolytic 10μF/16V	CE04W1C100MT SMG/RE3	CW131	205 0942 006	13P connector socket (TUC-P)		1
C807	257 0512 903	Ceramic chip 0.1μF/25V	CK73F1E104ZT	CW155	205 0885 040	15P connector socket (TUC-P)		1
C808	254 4538 900	Electrolytic 10μF/16V	CE04W1C100MT SMG/RE3	CX49	205 0884 083	4P connector base (TUC-P)		1
C809	257 0512 903	Ceramic chip 0.1μF/25V	CK73F1E104ZT	CX231	205 1052 005	23P FFC base (9604F)		1
C810	257 0503 967	Ceramic chip 15pF/50V	CC73CH1H150JT	CY46	205 0343 045	4P connector base (KR-PH)	AVR MODEL ONLY	1
C811	257 0512 903	Ceramic chip 0.1μF/25V	CK73F1E104ZT	CY95	205 0343 090	9P connector base (KR-PH)		1
C812	257 0503 967	Ceramic chip 15pF/50V	CC73CH1H150JT	CY151	205 0375 055	15P connector base (KR-PH)		1
C813	257 0511 904	Ceramic chip 0.01μF/50V	CK73F1H103ZT	FB101	247 2018 903	Carbon chip 0 ohm 1/16W		1
C814	254 4533 921	Electrolytic 100μF/6.3V	CE04W0J101MT SMG/RE3	FB103,104	247 2018 903	Carbon chip 0 ohm 1/16W		2
C815	257 0511 904	Ceramic chip 0.01μF/50V	CK73F1H103ZT	FB105-107	235 0130 903	Chip emifil (11A121)		3
C816	254 4538 900	Electrolytic 10μF/16V	CE04W1C100MT SMG/RE3	FB305	247 2018 903	Carbon chip 0 ohm 1/16W		1
C817,818	257 0512 903	Ceramic chip 0.1μF/25V	CK73F1E104ZT	FB306	235 0130 903	Chip emifil (11A121)		1
C819	254 4538 939	Electrolytic 47μF/16V	CE04W1C470MT SMG/RE3	FB307	247 2018 903	Carbon chip 0 ohm 1/16W		1
C820	254 4538 900	Electrolytic 10μF/16V	CE04W1C100MT SMG/RE3	FB308	235 0130 903	Chip emifil (11A121)		1
C821	254 4538 939	Electrolytic 47μF/16V	CE04W1C470MT SMG/RE3	FB309	247 2018 903	Carbon chip 0 ohm 1/16W		1
C822	254 4538 900	Electrolytic 10μF/16V	CE04W1C100MT SMG/RE3	FB310,311	235 0130 903	Chip emifil (11A121)		2
C823	257 3013 933	Ceramic chip 0.1μF/50V	CF73=1H104JT (ECHUC9)	FB312-316	247 2018 903	Carbon chip 0 ohm 1/16W		5
C824	257 0512 903	Ceramic chip 0.1μF/25V	CK73F1E104ZT	FB317	235 0130 903	Chip emifil (11A121)		1
C825	254 4533 947	Electrolytic 330μF/6.3V	CE04W0J331MT SMG/RE3	FB319	247 2018 903	Carbon chip 0 ohm 1/16W		1
C826	254 4538 900	Electrolytic 10μF/16V	CE04W1C100MT SMG/RE3	FB320	235 0130 903	Chip emifil (11A121)		1
C827	257 0512 903	Ceramic chip 0.1μF/25V	CK73F1E104ZT	FB501-503	247 2018 903	Carbon chip 0 ohm 1/16W		3
C828	254 4522 903	Electrolytic 4.7μF/35V	CE04W1V47MT SMG/RE3	FB801	235 0049 900	Beads inductor		1
C829	257 0511 904	Ceramic chip 0.01μF/50V	CK73F1H103ZT	FB803	235 0049 900	Beads inductor	AVR MODEL ONLY	1
C830,831	257 0503 967	Ceramic chip 15pF/50V	CC73CH1H150JT	FB804	235 0049 900	Beads inductor	AVR MODEL ONLY	1
C832	257 0512 903	Ceramic chip 0.1μF/25V	CK73F1E104ZT	FB805	235 0130 903	Chip emifil (11A121)		1
C833	254 4533 947	Electrolytic 330μF/6.3V	CE04W0J331MT SMG/RE3	FB806	235 0049 900	Beads inductor		1
C834	254 4538 900	Electrolytic 10μF/16V	CE04W1C100MT SMG/RE3	FB807,808	235 0130 903	Chip emifil (11A121)		2
C835	257 0512 903	Ceramic chip 0.1μF/25V	CK73F1E104ZT	FB809	235 0049 900	Beads inductor		1
C836	257 0511 904	Ceramic chip 0.01μF/50V	CK73F1H103ZT	FB810,811	235 0130 903	Chip emifil (11A121)		2
C837	259 0007 702	Back up cap. 8200μF/5.5V	SB CAP==822=C	FB812	235 0049 900	Beads inductor		1
C838	257 0512 903	Ceramic chip 0.1μF/25V	CK73F1E104ZT	FB814-817	235 0049 900	Beads inductor		4
C839	254 4533 934	Electrolytic 220μF/6.3V	CE04W0J221MT SMG/RE3	JK101	204 8577 014	3P pin jack (F-GND NI)	AVR MODEL ONLY	1
C840	257 0509 929	Ceramic chip 1000pF/50V	CK73B1H102KT AVR MODEL ONLY		204 8577 001	3P pin jack (F-GND NI)	AVC MODEL ONLY	1
C846,847	257 0509 929	Ceramic chip 1000pF/50V	CK73B1H102KT AVR MODEL ONLY	JK201,202	204 8545 004	4P pin jack (GND)	AVR MODEL ONLY	2
C848	257 0516 909	Ceramic chip 0.022μF/25V	CK73B1E223KT AVR MODEL ONLY		204 8514 006	4P pin jack (GND)	AVC MODEL ONLY	2
C852,853	257 0516 909	Ceramic chip 0.022μF/25V	CK73B1E223KT	L101-103	235 0060 905	Inductor 2.2μH		3
OTHER PARTS GROUP								
				S801	212 0459 005	4P dip switch		1
CW23	203 2408 005	2P SCN-SCN connector cord		S802	212 0460 007	2P dip switch		1
CW71	205 0942 022	7P connector socket (TUC-P)		S803	212 5604 910	Tact switch		1
CW81	205 0885 095	8P connector socket (TUC-P)	AVR MODEL ONLY	X801,802	399 0624 001	Crystal 15.0 MHz		2
CW8283	205 0885 095	8P connector socket (TUC-P)						
CW91	205 0885 037	9P connector socket (TUC-P)						
CW93	205 0885 037	9P connector socket (TUC-P)						
CW96	205 0885 037	9P connector socket (TUC-P)						
CW111,112	205 0885 066	11P connector socket (TUC-P)						

1U-3351 AUDIO UNIT ASS'Y

Ref. No.	Part No.	Part Name	Remarks	Ref. No.	Part No.	Part Name	Remarks
SEMICONDUCTORS GROUP				RESISTORS GROUP			
IC101	263 0896 909	IC NJM2068MD-T1	AVC MODEL ONLY	D301-305	276 0738 908	Diode KDS226-RTK(A-K)	
IC102	263 0896 909	IC NJM2068MD-T1		D401,402	276 0738 908	Diode KDS226-RTK(A-K)	
IC104-112	263 0896 909	IC NJM2068MD-T1		D501,502	276 0704 903	Diode 1SR35-400A(T93X)	
IC113	262 2919 001	IC TC9274N-017		D503	276 0738 908	Diode KDS226-RTK(A-K)	
IC114,115	262 2545 006	IC TC9274N-011		D511-513	276 0738 908	Diode KDS226-RTK(A-K)	
IC116	263 0615 902	IC BA15218F-DXE2		D515-518	276 0738 908	Diode KDS226-RTK(A-K)	
IC117	263 0896 909	IC NJM2068MD-T1		D520	276 0738 908	Diode KDS226-RTK(A-K)	
IC118	263 0615 902	IC BA15218F-DXE2		D701	276 0738 908	Diode KDS226-RTK(A-K)	
IC119	262 2662 002	IC TC9459N					
IC120	263 0896 909	IC NJM2068MD-T1					
IC301	263 0898 907	IC NJM5532MD(T1)					
IC302	262 2662 002	IC TC9459N					
IC303	263 0898 907	IC NJM5532MD(T1)					
IC304	262 2662 002	IC TC9459N					
IC305	263 0898 907	IC NJM5532MD(T1)					
IC306	262 2662 002	IC TC9459N					
IC307	263 0898 907	IC NJM5532MD(T1)					
IC308	262 2662 002	IC TC9459N					
IC309-313	263 0615 902	IC BA15218F-DXE2					
IC401	262 2616 003	IC TC9184AP					
IC402	263 0896 909	IC NJM2068MD-T1					
IC403	262 2616 003	IC TC9184AP					
IC404	263 0896 909	IC NJM2068MD-T1					
IC501	263 1040 903	IC BU4094BCF					
IC502	263 0995 004	IC NJM4556AD					
IC506-509	263 0896 909	IC NJM2068MD-T1					
IC701-706	263 1082 903	IC TK15420MTL					
IC707,708	262 1875 900	IC BU4066BCF-T1					
IC709-712	262 2826 903	IC BU4051BCF					
IC713	263 1082 903	IC TK15420MTL					
IC714	262 1875 900	IC BU4066BCF-T1					
TR209-212	273 0460 905	Transistor KTC2875B-RTK					
TR301-305	269 0193 901	Transistor KRC104S-RTK(10K-10K)					
TR401,402	269 0048 904	Transistor DTC143EK-T96					
TR501-508	269 0184 907	Transistor KRA102S-RTK					
TR509	269 0048 904	Transistor DTC143EK-T96					
TR513	271 0301 903	Transistor 2SA/KTA1268BL-AT					
TR514	273 0458 904	Transistor 2SC/KTC3200BL-AT					
TR515,516	271 0301 903	Transistor 2SA/KTA1268BL-AT					
TR517	273 0458 904	Transistor 2SC/KTC3200BL-AT					
TR518	273 0445 001	Transistor 2SC4495					
TR519	271 0301 903	Transistor 2SA/KTA1268BL-AT					
R101	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B—104JT				
R102	247 2008 926	Carbon chip 2.2 kohm 1/16W	RM73B—222JT				
R103,104	247 2011 913	Carbon chip 36 kohm 1/16W	RM73B—363JT				
R105	247 2010 998	Carbon chip 27 kohm 1/16W	RM73B—303JT				
R106,107	247 2011 939	Carbon chip 43 kohm 1/16W	RM73B—433JT				
R108	247 2011 913	Carbon chip 36 kohm 1/16W	RM73B—363JT				
R109,110	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B—104JT				
R111,112	247 2004 920	Carbon chip 47 ohm 1/16W	RM73B—470JT				
R113-118	247 2011 926	Carbon chip 39 kohm 1/16W	RM73B—393JT				
R119,120	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B—101JT				
R121,122	247 2004 920	Carbon chip 47 ohm 1/16W	RM73B—470JT				
R123,124	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B—104JT AVC MODEL ONLY				
R125-142	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B—104JT				
R143-148	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B—104KT				
R149,150	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B—104JT				
R151,152	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B—104KT				
R153-160	247 2006 960	Carbon chip 470 ohm 1/16W	RM73B—471JT				
R161,162	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B—104JT AVC MODEL ONLY				
R163-182	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B—104JT				
R183,184	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B—101JT AVC MODEL ONLY				
R185-202	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B—101JT				
R203,204	247 2006 960	Carbon chip 470 ohm 1/16W	RM73B—471JT				
R205,206	247 2004 920	Carbon chip 47 ohm 1/16W	RM73B—470JT AVC MODEL ONLY				
R207-224	247 2004 920	Carbon chip 47 ohm 1/16W	RM73B—470JT				
R225,226	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B—104JT				
R227,228	247 2011 942	Carbon chip 47 kohm 1/16W	RM73B—473JT AVC MODEL ONLY				
R229-248	247 2011 942	Carbon chip 47 kohm 1/16W	RM73B—473JT				
R249,250	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B—104JT				
R251,252	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B—101JT				
R253,254	247 2005 987	Carbon chip 220 ohm 1/16W	RM73B—221JT				
R273,274	247 2005 987	Carbon chip 220 ohm 1/16W	RM73B—221JT				
R275,276	247 2010 969	Carbon chip 22 kohm 1/16W	RM73B—223JT				
R277,278	247 2011 942	Carbon chip 47 kohm 1/16W	RM73B—473JT				
R279,280	247 2005 987	Carbon chip 220 ohm 1/16W	RM73B—221JT				

Ref. No.	Part No.	Part Name	Remarks	Ref. No.	Part No.	Part Name	Remarks
R281-284	247 2009 909	Carbon chip 4.7 kohm 1/16W	RM73B—472JT (1608)	R413,414	247 2011 926	Carbon chip 39 kohm 1/16W	RM73B—393JT
R285,286	247 2007 930	Carbon chip 910 ohm 1/16W	RM73B—911JT	R415,416	247 2014 907	Carbon chip 560 kohm 1/16W	RM73B—564JT
R287-290	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B—104JT	R417,418	247 2009 925	Carbon chip 5.6 kohm 1/16W	RM73B—562JT
				R419,420	247 2010 985	Carbon chip 27 kohm 1/16W	RM73B—273JT
R301,302	247 2011 942	Carbon chip 47 kohm 1/16W	RM73B—473JT	R421,422	247 2007 943	Carbon chip 1 kohm 1/16W	RM73B—102JT
R303,304	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B—101JT	R423,424	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B—103JT
R305,306	247 2007 914	Carbon chip 750 ohm 1/16W	RM73B—751JT	R425,426	247 2008 968	Carbon chip 3.3 kohm 1/16W	RM73B—332JT
R307,308	247 2009 909	Carbon chip 4.7 kohm 1/16W	RM73B—472JT (1608)	R427,428	247 2006 986	Carbon chip 560 ohm 1/16W	RM73B—561JT
R309,310	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B—104JT	R429-432	247 2013 982	Carbon chip 470 kohm 1/16W	RM73B—474JT
R311-316	247 2011 942	Carbon chip 47 kohm 1/16W	RM73B—473JT	R433,434	247 2012 909	Carbon chip 82 kohm 1/16W	RM73B—823JT
R317,318	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B—101JT	R435,436	247 2009 909	Carbon chip 4.7 kohm 1/16W	RM73B—472JT (1608)
R319	247 2007 914	Carbon chip 750 ohm 1/16W	RM73B—751JT	R437,438	247 2011 926	Carbon chip 39 kohm 1/16W	RM73B—393JT
R320	247 2007 927	Carbon chip 820 ohm 1/16W	RM73B—821JT	R439,440	247 2014 907	Carbon chip 560 kohm 1/16W	RM73B—564JT
R321	247 2009 909	Carbon chip 4.7 kohm 1/16W	RM73B—472JT (1608)	R441,442	247 2009 925	Carbon chip 5.6 kohm 1/16W	RM73B—562JT
R322	247 2009 996	Carbon chip 11 kohm 1/16W	RM73B—113JT	R443,444	247 2010 985	Carbon chip 27 kohm 1/16W	RM73B—273JT
R323,324	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B—104JT	R445,446	247 2007 943	Carbon chip 1 kohm 1/16W	RM73B—102JT
R325-330	247 2011 942	Carbon chip 47 kohm 1/16W	RM73B—473JT	R447,448	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B—103JT
R331,332	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B—101JT	R449,450	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B—101JT
R333,334	247 2007 914	Carbon chip 750 ohm 1/16W	RM73B—751JT	R452,453	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B—101JT
R335,336	247 2009 909	Carbon chip 4.7 kohm 1/16W	RM73B—472JT (1608)				
R337,338	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B—104JT	R501-508	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B—103JT
R339-344	247 2011 942	Carbon chip 47 kohm 1/16W	RM73B—473JT	R509-516	247 2007 943	Carbon chip 1 kohm 1/16W	RM73B—102JT
R345,346	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B—101JT	R517-524	247 2013 982	Carbon chip 470 kohm 1/16W	RM73B—474JT
R347,348	247 2007 914	Carbon chip 750 ohm 1/16W	RM73B—751JT	R525-528	247 2012 996	Carbon chip 200 kohm 1/16W	RM73B—204JT
R349,350	247 2009 909	Carbon chip 4.7 kohm 1/16W	RM73B—472JT (1608)	R529,530	247 2007 943	Carbon chip 1 kohm 1/16W	RM73B—102JT
R351,352	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B—104JT	R531,532	247 2009 925	Carbon chip 5.6 kohm 1/16W	RM73B—562JT
R353-356	247 2011 942	Carbon chip 47 kohm 1/16W	RM73B—473JT	R533,534	244 2051 961	Metal oxide 100 ohm 1W(NB)	RS14B3A101JNBST(S)
R357-360	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B—101JT	R535,536	247 2009 909	Carbon chip 4.7 kohm 1/16W	RM73B—472JT (1608)
R361,362	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B—104JT	R537-540	247 2012 996	Carbon chip 200 kohm 1/16W	RM73B—204JT
R363,364	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B—0R0KT	R541,542	247 2004 920	Carbon chip 47 ohm 1/16W	RM73B—470JT
R365,366	247 2011 997	Carbon chip 75 kohm 1/16W	RM73B—753JT	R543-546	247 2012 996	Carbon chip 200 kohm 1/16W	RM73B—204JT
R367,368	247 2013 924	Carbon chip 270 kohm 1/16W	RM73B—274JT	R547,548	247 2004 920	Carbon chip 47 ohm 1/16W	RM73B—470JT
R369,370	247 2009 909	Carbon chip 4.7 kohm 1/16W	RM73B—472JT	R549-552	247 2012 996	Carbon chip 200 kohm 1/16W	RM73B—204JT
R371,372	247 2011 926	Carbon chip 39 kohm 1/16W	RM73B—393JT	R553,554	247 2004 920	Carbon chip 47 ohm 1/16W	RM73B—470JT
R373,374	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B—104JT	R555-558	247 2012 996	Carbon chip 200 kohm 1/16W	RM73B—204JT
R375,376	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B—0R0KT	R559,560	247 2004 920	Carbon chip 47 ohm 1/16W	RM73B—470JT
R377,378	247 2011 997	Carbon chip 75 kohm 1/16W	RM73B—753JT	R561,562	247 2008 926	Carbon chip 2.2 kohm 1/16W	RM73B—222JT
R379,380	247 2013 924	Carbon chip 270 kohm 1/16W	RM73B—274JT	R563-565	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B—0R0KT
R381,382	247 2009 909	Carbon chip 4.7 kohm 1/16W	RM73B—472JT	R568	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B—0R0KT
R383,384	247 2011 926	Carbon chip 39 kohm 1/16W	RM73B—393JT	R585	247 2006 944	Carbon chip 390 ohm 1/16W	RM73B—391JT
R389	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B—104JT	R586	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B—0R0KT
R391	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B—0R0KT	R587	247 2007 901	Carbon chip 680 ohm 1/16W	RM73B—681JT
R392	247 2011 997	Carbon chip 75 kohm 1/16W	RM73B—753JT	R588-591	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B—103JT
R393	247 2013 924	Carbon chip 270 kohm 1/16W	RM73B—274JT	R592	247 2010 969	Carbon chip 22 kohm 1/16W	RM73B—223JT
R394	247 2009 909	Carbon chip 4.7 kohm 1/16W	RM73B—472JT	R593	247 2014 907	Carbon chip 560 kohm 1/16W	RM73B—564JT
R395	247 2011 926	Carbon chip 39 kohm 1/16W	RM73B—393JT	R594,595	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B—103JT
				R596	247 2008 971	Carbon chip 3.6 kohm 1/16W	RM73B—362JT
R401,402	247 2008 968	Carbon chip 3.3 kohm 1/16W	RM73B—332JT	R597	247 2014 907	Carbon chip 560 kohm 1/16W	RM73B—564JT
R403,404	247 2006 986	Carbon chip 560 ohm 1/16W	RM73B—561JT	R598,599	247 2008 926	Carbon chip 2.2 kohm 1/16W	RM73B—222JT
R405-408	247 2013 982	Carbon chip 470 kohm 1/16W	RM73B—474JT				
R409,410	247 2012 909	Carbon chip 82 kohm 1/16W	RM73B—823JT	R701	247 2004 975	Carbon chip 75 ohm 1/16W	RM73B—750JT
R411,412	247 2009 909	Carbon chip 4.7 kohm 1/16W	RM73B—472JT (1608)	R702	247 2005 945	Carbon chip 150 ohm 1/16W	RM73B—151JT

Ref. No.	Part No.	Part Name	Remarks	Ref. No.	Part No.	Part Name	Remarks
R703	247 2004 975	Carbon chip 75 ohm 1/16W	RM73B—750JT	C107,108	254 4573 981	Electrolytic 10 μ F/50V	CE04W1H100MT(RE3)
R704	247 2005 945	Carbon chip 150 ohm 1/16W	RM73B—151JT	C111-114	256 1058 955	Metalized 0.068 μ F/50V	CF93A1H683JT (JL)
R705	247 2004 975	Carbon chip 75 ohm 1/16W	RM73B—750JT	C115,116	254 4573 949	Electrolytic 1 μ F/50V	CE04W1H010MT(RE3)
R706	247 2005 945	Carbon chip 150 ohm 1/16W	RM73B—151JT	C117-148	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101JT AVC MODEL ONLY
R707	247 2004 975	Carbon chip 75 ohm 1/16W	RM73B—750JT	C149,150	254 4573 981	Electrolytic 10 μ F/50V	CE04W1H100MT(RE3) AVC MODEL ONLY
R708	247 2005 945	Carbon chip 150 ohm 1/16W	RM73B—151JT	C151-154	254 4313 918	Electrolytic 10 μ F/50V	CE04W1H100MT(ASF)
R709	247 2004 975	Carbon chip 75 ohm 1/16W	RM73B—750JT	C155-170	254 4573 981	Electrolytic 10 μ F/50V	CE04W1H100MT(RE3)
R710	247 2005 945	Carbon chip 150 ohm 1/16W	RM73B—151JT	C193,194	254 4569 911	Electrolytic 47 μ F/25V	CE04W1E470MT(RE3) AVC MODEL ONLY
R711	247 2004 975	Carbon chip 75 ohm 1/16W	RM73B—750JT	C195-198	254 4313 934	Electrolytic 47 μ F/25V	CE04W1E470MT(ASF)
R712	247 2005 945	Carbon chip 150 ohm 1/16W	RM73B—151JT	C199-214	254 4569 911	Electrolytic 47 μ F/25V	CE04W1E470MT(RE3)
R713	247 2004 975	Carbon chip 75 ohm 1/16W	RM73B—750JT	C215	257 0511 917	Ceramic chip 0.022 μ F/50V	CK73F1H223ZT AVR MODEL ONLY
R714	247 2005 945	Carbon chip 150 ohm 1/16W	RM73B—151JT		247 2018 903	Carbon chip 0 ohm 1/16W	RM73B—0R0KT AVC MODEL ONLY
R715	247 2004 975	Carbon chip 75 ohm 1/16W	RM73B—750JT	C216	254 4313 963	Electrolytic 1 μ F/50V	CE04W1H010MT(ASF) AVR MODEL ONLY
R716	247 2005 945	Carbon chip 150 ohm 1/16W	RM73B—151JT	C217,218	257 0511 917	Ceramic chip 0.022 μ F/50V	CK73F1H223ZT AVR MODEL ONLY
R717-726	247 2010 969	Carbon chip 22 kohm 1/16W	RM73B—223JT		247 2018 903	Carbon chip 0 ohm 1/16W	RM73B—0R0KT AVC MODEL ONLY
R727-736	247 2004 975	Carbon chip 75 ohm 1/16W	RM73B—750JT	C219	254 4313 963	Electrolytic 1 μ F/50V	CE04W1H010MT(ASF) AVR MODEL ONLY
R737-744	247 2005 945	Carbon chip 150 ohm 1/16W	RM73B—151JT	C220	257 0511 917	Ceramic chip 0.022 μ F/50V	CK73F1H223ZT AVR MODEL ONLY
R745,746	247 2008 913	Carbon chip 2 kohm 1/16W	RM73B—202JT		247 2018 903	Carbon chip 0 ohm 1/16W	RM73B—0R0KT AVC MODEL ONLY
R749,750	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B—103JT	C221	254 4313 963	Electrolytic 1 μ F/50V	CE04W1H010MT(ASF) AVR MODEL ONLY
R751,752	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B—101JT	C222,223	257 0511 917	Ceramic chip 0.022 μ F/50V	CK73F1H223ZT AVR MODEL ONLY
R753,754	247 2008 913	Carbon chip 2 kohm 1/16W	RM73B—202JT		247 2018 903	Carbon chip 0 ohm 1/16W	RM73B—0R0KT AVC MODEL ONLY
R757,758	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B—103JT	C224	256 1059 996	Metalized 1 μ F/50V	CF93A1H104JT
R759,760	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B—101JT	C231-236	254 4538 913	Electrolytic 22 μ F/16V	CE04W1C220MT SMG/RE3
R761,762	247 2008 913	Carbon chip 2 kohm 1/16W	RM73B—202JT	C237,238	254 4524 985	Electrolytic 10 μ F/50V	CE04W1H100MT SMG/RE3
R765,766	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B—103JT	C239,240	254 4573 981	Electrolytic 10 μ F/50V	CE04W1H100MT(RE3)
R767,768	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B—101JT	C301,302	254 4313 918	Electrolytic 10 μ F/50V	CE04W1H100MT(ASF)
R769,770	247 2008 913	Carbon chip 2 kohm 1/16W	RM73B—202JT	C307,308	254 4573 949	Electrolytic 1 μ F/50V	CE04W1H010MT(RE3)
R773,774	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B—103JT	C309,310	254 4313 989	Electrolytic 33 μ F/50V	CE04W1H330MT(ASF)
R775,776	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B—101JT	C311,312	254 4313 921	Electrolytic 22 μ F/50V	CE04W1H220MT(ASF)
R777,778	247 2008 913	Carbon chip 2 kohm 1/16W	RM73B—202JT	C313,314	254 4313 918	Electrolytic 10 μ F/50V	CE04W1H100MT(ASF)
R781,782	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B—103JT	C319,320	254 4573 949	Electrolytic 1 μ F/50V	CE04W1H010MT(RE3)
R783,784	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B—101JT	C321,322	254 4313 989	Electrolytic 33 μ F/50V	CE04W1H330MT(ASF)
R785,786	247 2004 920	Carbon chip 47 ohm 1/16W	RM73B—470JT	C323,324	254 4313 921	Electrolytic 22 μ F/50V	CE04W1H220MT(ASF)
R787,788	247 2006 986	Carbon chip 560 ohm 1/16W	RM73B—561JT	C325,326	254 4313 918	Electrolytic 10 μ F/50V	CE04W1H100MT(ASF)
R789	247 2010 927	Carbon chip 15 kohm 1/16W	RM73B—153JT	C331,332	254 4573 949	Electrolytic 1 μ F/50V	CE04W1H010MT(RE3)
R791,792	247 2006 960	Carbon chip 470 ohm 1/16W	RM73B—471JT	C333,334	254 4313 989	Electrolytic 33 μ F/50V	CE04W1H330MT(ASF)
R793,794	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B—103JT	C335,336	254 4313 921	Electrolytic 22 μ F/50V	CE04W1H220MT(ASF)
R795-798	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B—101JT	C337,338	254 4313 918	Electrolytic 10 μ F/50V	CE04W1H100MT(ASF)
R799,800	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B—103JT	C343,344	254 4573 949	Electrolytic 1 μ F/50V	CE04W1H010MT(RE3)
R801	247 2006 973	Carbon chip 510 ohm 1/16W	RM73B—511JT				
R802	247 2006 960	Carbon chip 470 ohm 1/16W	RM73B—471JT				
R803	247 2006 999	Carbon chip 620 ohm 1/16W	RM73B—621JT				
R804	247 2006 986	Carbon chip 560 ohm 1/16W	RM73B—561JT				
R805	247 2010 901	Carbon chip 12 kohm 1/16W	RM73B—123JT				
R807	247 2002 964	Carbon chip 10 ohm 1/16W	RM73B—100JT				
CAPACITORS GROUP							
C101	254 4538 900	Electrolytic 10 μ F/16V	CE04W1C100MT SMG/RE3				
C102	255 1265 965	Mylar film 0.018 μ F/50V	CQ93M1H183JT (B)				
C103	256 1058 997	Metalized 0.15 μ F/50V	CF93A1H154JT (JL)				
C104	256 1058 955	Metalized 0.068 μ F/50V	CF93A1H683JT (JL)				

Ref. No.	Part No.	Part Name	Remarks	Ref. No.	Part No.	Part Name	Remarks	Q'ty
C345,346	254 4313 989	Electrolytic 33μF/50V	CE04W1H330MT(ASF)	C543	257 0511 904	Ceramic chip 0.01μF/50V	CK73F1H103ZT	
C347,348	254 4313 921	Electrolytic 22μF/50V	CE04W1H220MT(ASF)	C544	257 0501 901	Ceramic chip 0.01μF/50V	CK73B1H103KT (1608)	
C353,354	254 4524 972	Electrolytic 4.7μF/50V	CE04W1H4R7MT SMG/RE3	C701-704	254 4538 939	Electrolytic 47μF/16V	CE04W1C470MT SMG/RE3	
C355,356	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3	C709,710	254 4536 928	Electrolytic 100μF/10V	CE04W1A101MT SMG/RE3	
C357,358	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3	C711-718	257 0511 904	Ceramic chip 0.01μF/50V	CK73F1H103ZT	
C359,360	254 4524 972	Electrolytic 4.7μF/50V	CE04W1H4R7MT SMG/RE3	C719,720	254 4536 928	Electrolytic 100μF/10V	CE04W1A101MT SMG/RE3	
C361,362	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3	C723,724	254 4538 939	Electrolytic 47μF/16V	CE04W1C470MT SMG/RE3	
C363,364	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3	C725,726	257 0511 904	Ceramic chip 0.01μF/50V	CK73F1H103ZT	
C365	254 4524 972	Electrolytic 4.7μF/50V	CE04W1H4R7MT SMG/RE3	C727	254 4305 968	Electrolytic 1μF/50V	CE04W1H010MT(SRE)	
C366	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3	C728-734	257 0512 903	Ceramic chip 0.1μF/25V	CK73F1E104ZT	
C367	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3	OTHER PARTS GROUP				
C401,402	254 4573 952	Electrolytic 2.2μF/50V	CE04W1H2R2MT(RE3)	CW40	205 0885 082	4P connector socket (TUC-P)		1
C405,406	257 3010 907	Metalized chip 100pF/50V	CF73=1H101JT (ECHUB5)	CW43	205 0885 082	4P connector socket (TUC-P)		1
C407,408	254 4573 965	Electrolytic 3.3μF/50V	CE04W1H3R3MT(RE3)	CW51	205 0885 008	5P connector socket (TUC-P)		1
C409,410	257 3013 904	Ceramic chip 0.056μF/50V	CF73=1H563JT (ECHUC9)	CW73	205 0942 022	7P connector socket (TUC-P)		1
C411-414	257 3012 905	Metalized chip 6800pF/50V	CF73=1H682JT (ECHUB5)	CW94	205 0885 037	9P connector socket (TUC-P)		1
C415,416	257 3012 934	Ceramic chip 0.012μF/50V	CF73=1H123JT (ECHUB5)	CW113	205 0885 066	11P connector socket (TUC-P)		1
C417,418	257 3011 951	Metalized chip 2700pF/50V	CF73=1H272JT (ECHUB5)	CW116	205 0885 066	11P connector socket (TUC-P)		1
C419,420	257 3012 963	Ceramic chip 0.022μF/50V	CF73=1H223JT (ECHUB5)	CW124	205 0885 079	12P connector socket (TUC-P)		1
C421,422	254 4573 978	Electrolytic 4.7μF/50V	CE04W1H4R7MT(RE3)	CW132	205 0942 006	13P connector socket (TUC-P)		1
C423,424	254 4573 952	Electrolytic 2.2μF/50V	CE04W1H2R2MT(RE3)	CW156-159	205 0885 040	15P connector socket (TUC-P)		4
C427,428	257 3010 907	Metalized chip 100pF/50V	CF73=1H101JT (ECHUB5)	CX92	205 0343 090	9P connector base (KR-PH)		1
C429,430	254 4573 965	Electrolytic 3.3μF/50V	CE04W1H3R3MT(RE3)	CX114	205 0375 013	11P connector base (KR-PH)		1
C431,432	257 3013 904	Ceramic chip 0.056μF/50V	CF73=1H563JT (ECHUC9)	FB101	235 0049 900	Beads inductor		1
C437,438	257 3012 934	Ceramic chip 0.012μF/50V	CF73=1H123JT (ECHUB5)	JK102	204 8514 006	4P pin jack (S-GND)	AVC MODEL ONLY	1
C439,440	257 3011 951	Metalized chip 2700pF/50V	CF73=1H272JT (ECHUB5)	JK103	204 8513 010	6P pin jack (S-GND)	AVR MODEL ONLY	1
C441,442	257 3012 963	Ceramic chip 0.022μF/50V	CF73=1H223JT (ECHUB5)	JK104-107	204 8514 006	4P pin jack (S-GND)	AVC MODEL ONLY	1
C443,444	254 4573 978	Electrolytic 4.7μF/50V	CE04W1H4R7MT(RE3)	JK104-107	204 8513 010	6P pin jack (S-GND)	AVR MODEL ONLY	4
C501	254 4313 950	Electrolytic 100μF/50V	CE04W1H101MT(ASF)	JK104-107	204 8513 007	6P pin jack (S-GND)	AVC MODEL ONLY	4
C502-507	254 4573 907	Electrolytic 0.1μF/50V	CE04W1H0R1MT(RE3)	JK701,702	204 8414 012	2P S-terminal	AVR MODEL ONLY	2
C508,509	254 4573 930	Electrolytic 0.47μF/50V	CE04W1HR47MT(RE3)	JK701,702	204 8414 009	2P S-terminal(AU)	AVC MODEL ONLY	
C510,511	254 4524 972	Electrolytic 4.7μF/50V	CE04W1H4R7MT SMG/RE3	JK703	204 8415 011	3P S-terminal	AVR MODEL ONLY	1
C512,513	254 4538 942	Electrolytic 100μF/16V	CE04W1C101MT SMG/RE3	JK703	204 8415 008	3P S-terminal(AU)	AVC MODEL ONLY	
C517,518	254 4524 972	Electrolytic 4.7μF/50V	CE04W1H4R7MT SMG/RE3	JK704,705	204 8414 012	2P S-terminal	AVR MODEL ONLY	2
C519,520	254 4538 913	Electrolytic 22μF/16V	CE04W1C220MT SMG/RE3	JK704,705	204 8414 009	2P S-terminal(AU)	AVC MODEL ONLY	
C521,522	254 4524 972	Electrolytic 4.7μF/50V	CE04W1H4R7MT SMG/RE3	JK718	205 0902 004	1P S-terminal (SW)	AVR MODEL ONLY	1
C523,524	254 4538 913	Electrolytic 22μF/16V	CE04W1C220MT SMG/RE3	JK718	205 0906 000	1P S-terminal (AU.SW)	AVC MODEL ONLY	
C525,526	254 4524 972	Electrolytic 4.7μF/50V	CE04W1H4R7MT SMG/RE3	JK721	205 0902 004	1P S-terminal (SW)	AVR MODEL ONLY	1
C527,528	254 4538 913	Electrolytic 22μF/16V	CE04W1C220MT SMG/RE3	JK721	205 0906 000	1P S-terminal (AU.SW)	AVC MODEL ONLY	
C529,530	254 4524 972	Electrolytic 4.7μF/50V	CE04W1H4R7MT SMG/RE3	RL401,402	214 0208 003	Relay (NA24W-K)		2
C531,532	254 4538 913	Electrolytic 22μF/16V	CE04W1C220MT SMG/RE3	RL501	214 0208 003	Relay (NA24W-K)		1
C542	254 4524 956	Electrolytic 2.2μF/50V	CE04W1H2R2MT SMG/RE3	ST1,2	205 0452 004	Style pin		2
				W701	203 0539 031	1P SIN cord Ass'y		1
				W703	203 0539 031	1P SIN cord Ass'y		1

1U-3353 PRIMARY UNIT ASS'Y

Ref. No.	Part No.	Part Name	Remarks	Ref. No.	Part No.	Part Name	Remarks
SEMICONDUCTORS GROUP				RESISTORS GROUP			
IC415	262 2067 005	IC MC74HC4053N		D601,602	276 0739 907	Diode KDS181-RTK(A-COM)	
IC416	262 2808 002	IC M35015-210SP		D701	276 0738 908	Diode KDS226-RTK(A-K)	AVR MODEL ONLY
IC417	263 0682 003	IC NJM2229S		D702-704	276 0738 908	Diode KDS226-RTK(A-K)	
IC418-420	263 1040 903	IC BU4094BCF		D705,706	276 0338 007	Diode S4VB20F	
IC601-603	263 1082 903	IC TK15420MTL		ZD301	276 0683 901	Zener diode UDZS5.6B-TE17	
IC604,605	262 2826 903	IC BU4051BCF		ZD401,402	276 0694 932	Zener diode UDZ6.8B-TE17	
IC606	263 1082 903	IC TK15420MTL		RESISTORS GROUP			
IC607,608	262 1875 900	IC BU4066BCF-T1		R301-306	243 2039 032	Winding 0.1 ohm 5W	RW99=3H0R1K
IC701	263 1100 021	IC KIA7812API	AVR MODEL ONLY	R307-310	244 2051 974	Metal oxide 1 kohm 1W(NB)	RS14B3A102JNBST(S)
IC702	263 1100 005	IC KIA7805API		R419,420	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B—101JT
IC703	263 1099 006	IC KIA7905PI		R421,422	247 2009 909	Carbon chip 4.7 kohm 1/16W	RM73B—472JT (1608)
IC704	263 1100 047	IC KIA7820API		R499,500	247 2002 964	Carbon chip 10 ohm 1/16W	RM73B—100JT
IC705	263 1100 005	IC KIA7805API		R501,502	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B—103JT
IC706	263 1099 006	IC KIA7905PI		R503	247 2009 967	Carbon chip 8.2 kohm 1/16W	RM73B—822JT
IC707	263 1100 034	IC KIA7815API		R504	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B—101JT
IC708	263 1099 035	IC KIA7915PI		R505	247 2009 967	Carbon chip 8.2 kohm 1/16W	RM73B—822JT
IC709,710	263 1100 047	IC KIA7820API		R506	247 2007 969	Carbon chip 1.2 kohm 1/16W	RM73B—122JT
TR401,402	273 0384 900	Transistor 2SC2412KT96(S)		R507	247 2011 942	Carbon chip 47 kohm 1/16W	RM73B—473JT
TR403	271 0238 908	Transistor 2SA1037KT96(S/R)		R508	247 2005 987	Carbon chip 220 ohm 1/16W	RM73B—221JT
TR404,405	269 0192 902	Transistor KRC102S-RTK(10K-10K)		R509	247 2009 967	Carbon chip 8.2 kohm 1/16W	RM73B—822JT
TR551	269 0184 907	Transistor KRA102S-RTK		R511,512	247 2009 909	Carbon chip 4.7 kohm 1/16W	RM73B—472JT (1608)
TR552	269 0192 902	Transistor KRC102S-RTK(10K-10K)		R513	247 2007 943	Carbon chip 1 kohm 1/16W	RM73B—102JT
TR553	269 0184 907	Transistor KRA102S-RTK		R517	247 2008 926	Carbon chip 2.2 kohm 1/16W	RM73B—222JT
TR554	269 0192 902	Transistor KRC102S-RTK(10K-10K)		R520,521	247 2002 964	Carbon chip 10 ohm 1/16W	RM73B—100JT
TR555	269 0184 907	Transistor KRA102S-RTK		R522	247 2007 943	Carbon chip 1 kohm 1/16W	RM73B—102JT
TR556	269 0192 902	Transistor KRC102S-RTK(10K-10K)		R523	247 2008 900	Carbon chip 1.8 kohm 1/16W	RM73B—182JT
TR558	269 0192 902	Transistor KRC102S-RTK(10K-10K)		R524	247 2007 943	Carbon chip 1 kohm 1/16W	RM73B—102JT
TR559	269 0184 907	Transistor KRA102S-RTK		R525	247 2013 982	Carbon chip 470 kohm 1/16W	RM73B—474JT
TR560	269 0192 902	Transistor KRC102S-RTK(10K-10K)		R526	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B—0R0KT
TR562	269 0192 902	Transistor KRC102S-RTK(10K-10K)		R528	247 2006 944	Carbon chip 390 ohm 1/16W	RM73B—391JT
TR601,602	269 0192 902	Transistor KRC102S-RTK(10K-10K)		R529	247 2007 985	Carbon chip 1.5 kohm 1/16W	RM73B—152JT
TR603	269 0184 907	Transistor KRA102S-RTK		R530	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B—103JT
TR701	271 0302 009	Transistor 2SA/KTA1659A(O/Y)		R531	247 2011 955	Carbon chip 51 kohm 1/16W	RM73B—513JT
TR702	273 0461 001	Transistor 2SC/KTC4370A(O/Y)		R532	247 2009 954	Carbon chip 7.5 kohm 1/16W	RM73B—752JT
TR703	272 0158 007	Transistor 2SB/KTB778(R/O)		R533	247 2011 900	Carbon chip 33 kohm 1/16W	RM73B—333JT
TR704	274 0198 005	Transistor 2SD/KTD998(R/O)		R534-537	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B—103JT
TR705	273 0384 900	Transistor 2SC2412KT96(S)		R539-552	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B—103JT
TR706	271 0238 908	Transistor 2SA1037KT96(S/R)		R553	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B—0R0KT
TR707	269 0192 902	Transistor KRC102S-RTK(10K-10K)		R554-557	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B—103JT
D302-305	276 0706 008	Diode FCH20A15		R559,560	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B—103JT
D401	276 0739 907	Diode KDS181-RTK(A-COM)		R576	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B—101JT
D403,404	276 0739 907	Diode KDS181-RTK(A-COM)		R601-608	247 2004 975	Carbon chip 75 ohm 1/16W	RM73B—750JT
D407	276 0740 909	Diode KDS184-RTK(K-COM)		R609-613	247 2010 969	Carbon chip 22 kohm 1/16W	RM73B—223JT
				R614-618	247 2004 975	Carbon chip 75 ohm 1/16W	RM73B—750JT

Ref. No.	Part No.	Part Name	Remarks	Ref. No.	Part No.	Part Name	Remarks
R619,620	247 2008 913	Carbon chip 2 kohm 1/16W	RM73B—202JT	C447	257 0510 918	Ceramic chip 3300pF/50V	CK73B1H332KT
R623,624	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B—103JT	C448	257 0503 912	Ceramic chip 9pF/50V	CC73CH1H9RODT
R625,626	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B—101JT	C449	257 0503 909	Ceramic chip 8pF/50V	CC73CH1H8RODT
R627,628	247 2008 913	Carbon chip 2 kohm 1/16W	RM73B—202JT	C450	255 1265 978	Mylar film 0.022μF/50V	CQ93M1H223JT(B)
R631,632	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B—103JT	C451	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101JT
R633,634	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B—101JT	C452	254 4524 972	Electrolytic 4.7μF/50V	CE04W1H4R7MT SMG/RE3
R635	247 2006 973	Carbon chip 510 ohm 1/16W	RM73B—511JT	C453	257 0510 918	Ceramic chip 3300pF/50V	CK73B1H332KT
R637,638	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B—103JT	C454	257 0508 917	Ceramic chip 470pF/50V	CC73CH1H471JT
R639	247 2006 986	Carbon chip 560 ohm 1/16W	RM73B—561JT	C455	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3
R640	247 2008 913	Carbon chip 2 kohm 1/16W	RM73B—202JT	C456	256 1058 955	Metalized 0.068μF/50V	CF93A1H683JT (JL)
R642	247 2002 964	Carbon chip 10 ohm 1/16W	RM73B—100JT	C457	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3
R643	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B—101JT	C458	257 0506 993	Ceramic chip 150pF/50V	CC73CH1H151JT
R644	247 2007 943	Carbon chip 1 kohm 1/16W	RM73B—102JT	C459	255 1264 911	Mylar film 1200pF/50V	CQ93M1H122JT(B)
R645	247 2002 964	Carbon chip 10 ohm 1/16W	RM73B—100JT	C460	257 0511 904	Ceramic chip 0.01μF/50V	CK73F1H103ZT
R646	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B—101JT	C461	254 4536 928	Electrolytic 100μF/10V	CE04W1A101MT SMG/RE3
R647	247 2006 999	Carbon chip 620 ohm 1/16W	RM73B—621JT	C462	255 1264 908	Mylar film 1000pF/50V	CQ93M1H102JT(B)
R648	247 2008 913	Carbon chip 2 kohm 1/16W	RM73B—202JT	C463	254 4538 900	Electrolytic 10μF/16V	CE04W1C100MT SMG/RE3
R651	247 2006 973	Carbon chip 510 ohm 1/16W	RM73B—511JT	C465	257 0511 904	Ceramic chip 0.01μF/50V	CK73F1H103ZT
R653,654	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B—103JT	△ C466	253 8022 707	Ceramic 0.01μF/250V(AC)	CK45F2EAC103MC AVC MODEL ONLY
R655	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B—101JT	C601,602	254 4538 939	Electrolytic 47μF/16V	CE04W1C470MT SMG/RE3
R656	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B—OR0KT	C603	254 4536 928	Electrolytic 100μF/10V	CE04W1A101MT SMG/RE3
R657	247 2002 964	Carbon chip 10 ohm 1/16W	RM73B—100JT	C605,606	254 4538 939	Electrolytic 47μF/16V	CE04W1C470MT SMG/RE3
R671	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B—101JT	C607-610	257 0511 904	Ceramic chip 0.01μF/50V	CK73F1H103ZT
R701,702	247 2007 943	Carbon chip 1 kohm 1/16W	RM73B—102JT	C611,612	254 4536 928	Electrolytic 100μF/10V	CE04W1A101MT SMG/RE3
R703-706	247 2009 954	Carbon chip 7.5 kohm 1/16W	RM73B—752JT	C613,614	254 4538 939	Electrolytic 47μF/16V	CE04W1C470MT SMG/RE3
R707,708	241 2376 919	Carbon film 30 ohm 1/4W(NB)	RD14B2E300JNBST	C615-618	257 0511 904	Ceramic chip 0.01μF/50V	CK73F1H103ZT
R709	247 2010 969	Carbon chip 22 kohm 1/16W	RM73B—223JT	C619	257 0512 903	Ceramic chip 0.1μF/25V	CK73F1E104ZT
R710	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B—103JT	C620	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3
R711-714	247 2009 954	Carbon chip 7.5 kohm 1/16W	RM73B—752JT	C661-663	257 0512 903	Ceramic chip 0.1μF/25V	CK73F1E104ZT
CAPACITORS GROUP				C664-667	254 4538 900	Electrolytic 10μF/16V	CE04W1C100MT SMG/RE3
C301	254 4313 918	Electrolytic 10μF/50V	CE04W1H100MT(ASF)	C701	257 0511 904	Ceramic chip 0.01μF/50V	CK73F1H103ZT AVR MODEL ONLY
△ C302,303	254 6223 705	Electrolytic 18000μF	CE68W==183M(DL)	C702,703	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MT SMG/RE3 AVR MODEL ONLY
C305	254 4313 963	Electrolytic 1μF/50V	CE04W1H010MT(ASF)	C704-708	254 4569 911	Electrolytic 47μF/25V	CE04W1E470MT(RE3)
C306-308	256 1042 903	Metalized 0.1μF/250V	CF93A2E104KT	C709,710	254 4579 707	Electrolytic 220μF/50V	CE04W1H221MC(RE3)
C419	257 0501 901	Ceramic chip 0.01μF/50V	CK73B1H103KT (1608) AVR MODEL ONLY	C712,713	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3
C420,421	257 0501 901	Ceramic chip 0.01μF/50V	CK73B1H103KT (1608)	C714	254 4569 911	Electrolytic 47μF/25V	CE04W1E470MT(RE3)
C433	254 4538 900	Electrolytic 10μF/16V	CE04W1C100MT SMG/RE3	C722	254 4569 911	Electrolytic 47μF/25V	CE04W1E470MT(RE3)
C434	254 4536 928	Electrolytic 100μF/10V	CE04W1A101MT SMG/RE3	C724,725	254 4566 707	Electrolytic 6800μF/35V	CE04W1V682MC(ASF)
C435	256 1058 939	Metalized 0.047μF/50V	CF93A1H473JT (JL)	C726,727	254 4472 707	Electrolytic 4700μF/16V	CE04W1C472MC (SMG)
C436	256 1058 971	Metalized 0.1μF/50V	CF93A1H104JT (JL)	C728,729	256 1058 971	Metalized 0.1μF/50V	CF93A1H104JT (JL)
C437	256 1058 939	Metalized 0.047μF/50V	CF93A1H473JT (JL)	C730,731	256 1042 903	Metalized 0.1μF/250V	CF93A2E104KT
C438	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3	C732	256 1058 971	Metalized 0.1μF/50V	CF93A1H104JT (JL)
C439	256 1058 939	Metalized 0.047μF/50V	CF93A1H473JT (JL)	C735	256 1042 903	Metalized 0.1μF/250V	CF93A2E104KT
C440	254 4538 939	Electrolytic 47μF/16V	CE04W1C470MT SMG/RE3				
C441	257 0511 904	Ceramic chip 0.01μF/50V	CK73F1H103ZT				
C442	254 4538 939	Electrolytic 47μF/16V	CE04W1C470MT SMG/RE3				
C443	257 0511 904	Ceramic chip 0.01μF/50V	CK73F1H103ZT				
C444-446	257 0504 940	Ceramic chip 33pF/50V	CC73CH1H330JT				

Ref. No.	Part No.	Part Name	Remarks	Q'ty	Ref. No.	Part No.	Part Name	Remarks	Q'ty
OTHER PARTS GROUP									
△ AC601	203 3946 003	AC outlet (POLARIZED)	AVR&TAIWAN R.O.C. MODEL ONLY	1	FF701-704	202 0040 909	Fuse clip		4
					FH701-704	202 0040 909	Fuse clip		4
AS301-304	417 0476 049	Radiator		4	JK601	204 8516 017	3P pin jack	AVR MODEL ONLY	1
AS305-308	470 0051 009	3×8 CPS(SW,W) ZNP		4		204 8516 004	3P pin jack(s-gnd)	AVC MODEL ONLY	1
AS701-704	417 0476 052	Radiator		4	JK602	204 8583 008	2P pin jack (video)	AVR MODEL ONLY	1
AS705,706	470 0051 009	3×8 CPS(SW,W) ZNP		2		204 8595 009	2P pin jack (video)	AVC MODEL ONLY	1
AS707,708	417 0616 003	Heat sink (PUG36)		2	JK603	204 8359 009	4P pin jack	AVR MODEL ONLY	1
AS710-712	417 0476 052	Radiator		3		204 8515 005	4P pin jack(s-gnd)	AVC MODEL ONLY	1
AS713-719	470 0051 009	3×8 CPS(SW,W) ZNP		7	JK604	204 8516 017	3P pin jack	AVR MODEL ONLY	1
						204 8516 004	3P pin jack(s-gnd)	AVC MODEL ONLY	1
CW33	203 5029 009	3P KR-DA connector cord	AVR MODEL ONLY	1	JK605	204 8512 008	1P pin jack	AVR MODEL ONLY	1
CW53,54	205 0885 008	5P connector socket (TUC-P)		2		204 8512 011	1P pin jack(gold)	AVC MODEL ONLY	1
CW61-63	205 0942 019	6P connector socket (TUC-P)		3	L401	235 0060 963	Inductor 15μH		1
CW101	205 0885 053	10P connector socket (TUC-P)		1	S401	212 0415 007	Rotary encoder EC16B36		1
CW134,135	205 0942 006	13P connector socket (TUC-P)		2	△ S424	212 1030 009	Power sw(TV-5)	AVC MODEL ONLY	1
CW945	205 0885 082	4P connector socket (TUC-P)		1	△ S429	212 0420 005	1P push switch (non lock)	AVR MODEL ONLY	1
CX43	205 0884 083	4P connector base (TUC-P)		1	TP301	205 0190 036	3P NH connector base		1
CX45	205 0355 046	4P KR connector base (L)		1	W301-316	205 0864 029	M3 screw terminal		16
CX53	205 0884 009	5P connector base (TUC-P)		1	W320	203 0615 081	1P SIN connector cord		1
CX94	205 0884 038	9P connector base (TUC-P)		1	W321	203 2407 035	2P SDN-SDN connector cord		1
CX124	205 0884 070	12P connector base (TUC-P)		1	W323	203 0615 010	1P SIN connector cord		1
CX134	205 0943 005	13P connector base (TUC-P)		1	W746	203 0629 006	1P contact Ass'y		1
CX931	205 0277 030	3P EH connector base (RD)		1	X401	399 0739 006	Crystal 14.32 M-RIBER		1
CX934	205 0278 039	3P EH connector base (BK)		1	X402	399 0105 009	Ceramic resonator CSB503F2		1
CY021	205 1093 006	2P VH connector base	AVC MODEL ONLY	1		001 0223 000	Vinyl wire		1
CY22	205 0581 001	2P VH connector base	AVR&TAIWAN R.O.C. MODEL ONLY	1		001 0223 013	Vinyl wire		1
△ F11,12	206 1039 089	Fuse 3.15A	AVR&TAIWAN R.O.C. MODEL ONLY	2					
△	206 1015 074	Fuse 3.15A	EUROPE, ASIA, CHINA, KOREA, HONG KONG MODEL ONLY	2					
△ F17,18	206 1039 063	Fuse 2.0A	AVR&TAIWAN R.O.C. MODEL ONLY	2					
△	206 1015 061	Fuse 2.0A	EUROPE, ASIA, CHINA, KOREA, HONG KONG MODEL ONLY	2					
△	513 2585 045	FUSE LABEL T3.15A	EUROPE, ASIA, CHINA, KOREA, HONG KONG MODEL ONLY	2					
△	513 2585 032	FUSE LABEL T2.0A	EUROPE, ASIA, CHINA, KOREA, HONG KONG MODEL ONLY	2					

1U-3354 CONNECT UNIT ASS'Y

Ref. No.	Part No.	Part Name	Remarks	Ref. No.	Part No.	Part Name	Remarks
SEMICONDUCTORS GROUP				R163-165	247 2007 943	Carbon chip 1 kohm 1/16W	RM73B—102JT
IC101	499 0290 007	Remocon sensor GP1U271X		R170-177	247 2011 984	Carbon chip 68 kohm 1/16W	RM73B—683JT
IC102	262 2549 002	IC LC75721E		R178	247 2011 942	Carbon chip 47 kohm 1/16W	RM73B—473JT
IC103	262 2745 903	IC BU2090F(E2)		R182	247 2010 956	Carbon chip 20 kohm 1/16W	RM73B—203JT
IC301	263 0896 909	IC NJM2068MD-T1		R301,302	247 2011 984	Carbon chip 68 kohm 1/16W	RM73B—683JT
IC501	262 2114 903	IC UPD4721GS-GJG		R303,304	247 2006 944	Carbon chip 390 ohm 1/16W	RM73B—391JT
IC502	262 2580 906	IC CXA1511M	AVR MODEL ONLY	R305,306	247 2012 967	Carbon chip 150 kohm 1/16W	RM73B—154JT
TR101	269 0191 903	Transistor KRA104S-RTK(47K-47K)		R307,308	247 2005 990	Carbon chip 240 ohm 1/16W	RM73B—241JT
TR102	269 0193 901	Transistor KRC104S-RTK(47K-47K)		R309,310	247 2012 954	Carbon chip 130 kohm 1/16W	RM73B—134JT
TR103	269 0191 903	Transistor KRA104S-RTK(47K-47K)		R311,312	247 2009 996	Carbon chip 11 kohm 1/16W	RM73B—113JT
TR104	269 0193 901	Transistor KRC104S-RTK(47K-47K)		R313,314	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B—101JT
TR105	269 0191 903	Transistor KRA104S-RTK(47K-47K)		R315,316	247 2011 942	Carbon chip 47 kohm 1/16W	RM73B—473JT
TR106	269 0193 901	Transistor KRC104S-RTK(47K-47K)		R502	247 2006 960	Carbon chip 470 ohm 1/16W	RM73B—471JT AVR MODEL ONLY
TR107	269 0192 902	Transistor KRC102S-RTK(10K-10K)		R503	241 2375 981	Carbon film 22 ohm 1/4W(NB)	RD14B2E220JNBST AVR MODEL ONLY
TR108	269 0191 903	Transistor KRA104S-RTK(47K-47K)		R505	247 2012 996	Carbon chip 200 kohm 1/16W	RM73B—204JT AVR MODEL ONLY
TR501	269 0191 903	Transistor KRA104S-RTK(47K-47K)	AVR MODEL ONLY	R509	247 2007 943	Carbon chip 1 kohm 1/16W	RM73B—102JT AVR MODEL ONLY
TR502	269 0192 902	Transistor KRC102S-RTK(10K-10K)	AVR MODEL ONLY	R510	247 2011 926	Carbon chip 39 kohm 1/16W	RM73B—393JT AVR MODEL ONLY
TR503	269 0184 907	Transistor KRA102S-RTK	AVR MODEL ONLY	R511	247 2011 942	Carbon chip 47 kohm 1/16W	RM73B—473JT AVR MODEL ONLY
TR903-918	273 0460 905	Transistor KTC2875B-RTK		R512	247 2007 943	Carbon chip 1 kohm 1/16W	RM73B—102JT AVR MODEL ONLY
TR919	269 0192 902	Transistor KRC102S-RTK(10K-10K)	AVR MODEL ONLY	R513	247 2005 987	Carbon chip 220 ohm 1/16W	RM73B—221JT AVR MODEL ONLY
TR920,921	269 0066 902	Transistor DTC323TKT96	AVR MODEL ONLY	R514	241 2375 981	Carbon film 22 ohm 1/4W(NB)	RD14B2E220JNBST AVR MODEL ONLY
TR922	269 0086 908	Transistor DTA114TKT96	AVR MODEL ONLY	R515,516	247 2007 943	Carbon chip 1 kohm 1/16W	RM73B—102JT
TR923	269 0082 902	Transistor DTC114EKT96	AVR MODEL ONLY	R801-808	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B—0R0KT
D101-103	276 0739 907	Diode KDS181-RTK(A-COM)		R915,916	247 2009 909	Carbon chip 4.7 kohm 1/16W	RM73B—472JT (1608)
ZD101	276 0683 914	Zener diode UDZS9.1B-TE17		R917,918	247 2005 945	Carbon chip 150 ohm 1/16W	RM73B—151JT
ZD505,506	276 0694 932	Zener diode UDZ6.8B-TE17	AVR MODEL ONLY	R919,920	247 2011 942	Carbon chip 47 kohm 1/16W	RM73B—473JT
LD101-105	393 9434 906	LED SEL1210S		R921,922	247 2005 987	Carbon chip 220 ohm 1/16W	RM73B—221JT
LD106-109	393 9452 904	LED SEL1410E		R923,924	247 2010 969	Carbon chip 22 kohm 1/16W	RM73B—223JT
LD110-113	393 9434 906	LED SEL1210S		R925,926	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B—104JT
RESISTORS GROUP				R927,928	247 2002 964	Carbon chip 10 ohm 1/16W	RM73B—100JT
R101-105	247 2007 927	Carbon chip 820 ohm 1/16W	RM73B—821JT	R931,932	247 2009 909	Carbon chip 4.7 kohm 1/16W	RM73B—472JT (1608)
R106-109	247 2006 960	Carbon chip 470 ohm 1/16W	RM73B—471JT	R933,934	247 2005 945	Carbon chip 150 ohm 1/16W	RM73B—151JT
R110	247 2007 927	Carbon chip 820 ohm 1/16W	RM73B—821JT	R935,936	247 2011 942	Carbon chip 47 kohm 1/16W	RM73B—473JT
R112,113	247 2007 927	Carbon chip 820 ohm 1/16W	RM73B—821JT	R937,938	247 2005 987	Carbon chip 220 ohm 1/16W	RM73B—221JT
R114	247 2010 956	Carbon chip 20 kohm 1/16W	RM73B—203JT	R939,940	247 2010 969	Carbon chip 22 kohm 1/16W	RM73B—223JT
R115-130	247 2011 984	Carbon chip 68 kohm 1/16W	RM73B—683JT	R941,942	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B—104JT
R131,132	247 2011 942	Carbon chip 47 kohm 1/16W	RM73B—473JT	R943,944	247 2002 964	Carbon chip 10 ohm 1/16W	RM73B—100JT
R133-146	247 2011 984	Carbon chip 68 kohm 1/16W	RM73B—683JT	R947,948	247 2009 909	Carbon chip 4.7 kohm 1/16W	RM73B—472JT (1608)
R147	247 2009 983	Carbon chip 10 kohm 1/16W	RM73B—103JT	R949,950	247 2005 945	Carbon chip 150 ohm 1/16W	RM73B—151JT
R148	247 2007 927	Carbon chip 820 ohm 1/16W	RM73B—821JT	R951,952	247 2011 942	Carbon chip 47 kohm 1/16W	RM73B—473JT
R149	247 2005 903	Carbon chip 100 ohm 1/16W	RM73B—101JT	R953,954	247 2005 987	Carbon chip 220 ohm 1/16W	RM73B—221JT
R150-162	247 2011 984	Carbon chip 68 kohm 1/16W	RM73B—683JT				

Ref. No.	Part No.	Part Name	Remarks	Ref. No.	Part No.	Part Name	Remarks
R955,956	247 2010 969	Carbon chip 22 kohm 1/16W	RM73B—223JT	C515	257 0511 904	Ceramic chip 0.01μF/50V	CK73F1H103ZT AVR MODEL ONLY
R957,958	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B—104JT	C516-518	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101JT
R959,960	247 2002 964	Carbon chip 10 ohm 1/16W	RM73B—100JT	C523	257 0512 903	Ceramic chip 0.1μF/25V	CK73F1E104ZT AVR MODEL ONLY
R963,964	247 2009 909	Carbon chip 4.7 kohm 1/16W	RM73B—472JT (1608)	C526,527	257 0511 917	Ceramic chip 0.022μF/50V	CK73F1H223ZT
R965,966	247 2005 945	Carbon chip 150 ohm 1/16W	RM73B—151JT	C528	257 0511 904	Ceramic chip 0.01μF/50V	CK73F1H103ZT AVR MODEL ONLY
R967,968	247 2011 942	Carbon chip 47 kohm 1/16W	RM73B—473JT	C902	257 0511 904	Ceramic chip 0.01μF/50V	CK73F1H103ZT AVR MODEL ONLY
R969,970	247 2005 987	Carbon chip 220 ohm 1/16W	RM73B—221JT	C905	257 0509 929	Ceramic chip 1000pF/50V	CK73B1H102KT AVR MODEL ONLY
R971,972	247 2010 969	Carbon chip 22 kohm 1/16W	RM73B—223JT	C911,912	254 4538 913	Electrolytic 22μF/16V	CE04W1C220MT SMG/RE3
R973,974	247 2012 925	Carbon chip 100 kohm 1/16W	RM73B—104JT	C913,914	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101JT AVC MODEL ONLY
R975,976	247 2002 964	Carbon chip 10 ohm 1/16W	RM73B—100JT	C919,920	254 4538 913	Electrolytic 22μF/16V	CE04W1C220MT SMG/RE3
R977	247 2008 913	Carbon chip 2 kohm 1/16W	RM73B—202JT AVR MODEL ONLY	C921,922	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101JT AVC MODEL ONLY
R978,979	247 2007 943	Carbon chip 1 kohm 1/16W	RM73B—102JT AVR MODEL ONLY	C927,928	254 4538 913	Electrolytic 22μF/16V	CE04W1C220MT SMG/RE3
R992	247 2018 903	Carbon chip 0 ohm 1/16W	RM73B—0R0KT	C929,930	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101JT AVC MODEL ONLY
CAPACITORS GROUP				C931	257 0511 917	Ceramic chip 0.022μF/50V	CK73F1H223ZT
C101	257 0512 903	Ceramic chip 0.1μF/25V	CK73F1E104ZT	C935,936	254 4538 913	Electrolytic 22μF/16V	CE04W1C220MT SMG/RE3
C102	254 4299 906	Electrolytic 10μF/16V	CE04W1C100MT(SRE)	C937,938	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101JT AVC MODEL ONLY
C103	254 4533 950	Electrolytic 470μF/6.3V	CE04W0J471MT SMG/RE3	C939	254 4313 963	Electrolytic 1μF/50V	CE04W1H010MT(SRE)
C108	254 4305 968	Electrolytic 1μF/50V	CE04W1H010MT(SRE)	C940	257 0511 917	Ceramic chip 0.022μF/50V	CK73F1H223ZT
C109	254 4525 926	Electrolytic 100μF/50V	CE04W1H010MT SMG/RE3	C941	254 4538 900	Electrolytic 10μF/16V	CE04W1C100MT SMG/RE3 AVR MODEL ONLY
C110	257 0511 904	Ceramic chip 0.01μF/50V	CK73F1H103ZT				
C112	257 0504 937	Ceramic chip 30pF/50V	CC73CH1H300JT				
C116	257 0511 904	Ceramic chip 0.01μF/50V	CK73F1H103ZT				
C119	256 1058 971	Metalized 0.1μF/50V	CF93A1H104JT (JL)				
C121	254 4299 906	Electrolytic 10μF/16V	CE04W1C100MT(SRE)				
C122	257 0511 917	Ceramic chip 0.022μF/50V	CK73F1H223ZT				
C302	254 4305 968	Electrolytic 1μF/50V	CE04W1H010MT(SRE)				
C303,304	257 0507 934	Ceramic chip 220pF/50V	CC73CH1H221JT				
C305,306	254 4299 906	Electrolytic 10μF/16V	CE04W1C100MT(SRE)				
C307,308	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101JT				
C309,310	254 4213 940	Electrolytic 220μF/6.3V	CE04W0J221MT(SRA)				
C311,312	255 4199 999	Mylar film 0.024μF/50V	CQ92M1H243JT(MRZ)				
C313,314	255 1265 907	Mylar film 6800pF/50V	CQ93M1H682JT(B)				
C315,316	254 4299 906	Electrolytic 10μF/16V	CE04W1C100MT(SRE)				
C317,318	254 4305 968	Electrolytic 1μF/50V	CE04W1H010MT(SRE)				
C501-503	254 4305 900	Electrolytic 0.1μF/50V	CE04W1H0R1MT(SRE)				
C504	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101JT AVR MODEL ONLY				
C505	257 0511 904	Ceramic chip 0.01μF/50V	CK73F1H103ZT AVR MODEL ONLY				
C506	254 4306 925	Electrolytic 10μF/50V	CE04W1H100MT(SRE)				
C507	257 0512 903	Ceramic chip 0.1μF/25V	CK73F1E104ZT				
C508	254 4299 964	Electrolytic 47μF/16V	CE04W1C470MT(SRE) AVR MODEL ONLY				
C509	254 4305 900	Electrolytic 0.1μF/50V	CE04W1H0R1MT(SRE)				
C510	257 0511 904	Ceramic chip 0.01μF/50V	CK73F1H103ZT AVR MODEL ONLY				
C511	254 4305 900	Electrolytic 0.1μF/50V	CE04W1H0R1MT(SRE)				
C513	254 4305 968	Electrolytic 1μF/50V	CE04W1H010MT(SRE) AVR MODEL ONLY				

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Ref. No.	Part No.	Part Name	Remarks	Q'ty	Ref. No.	Part No.	Part Name	Remarks	
OTHER PARTS GROUP					SEMICONDUCTORS GROUP				
CW45	203 6374 025	4P KR-DA connector cord		1	IC202	263 1065 001	IC PQ15RW11		
CW49	205 0885 082	4P connector socket (TUC-P)		1	IC203	263 1100 018	IC KIA7806API		
CW55	205 0885 008	5P connector socket (TUC-P)		1	IC204	268 0073 905	IC ICP-N15T		
CW57	203 8211 034	5P KR-DA connector cord		1	IC205	263 1094 001	IC BA08ST		
CW79	204 2513 087	7P KR-DA connector cord		1					
CX40	205 0884 083	4P connector base (TUC-P)		1	TR201	273 0303 910	Transistor 2SC1740S(S)-T		
CX41	205 0355 046	4P KR connector base (L)		1	TR202	271 0302 009	Transistor 2SA/KTA1659A(O/Y)		
CX46	205 0343 045	4P connector base (KR-PH)	AVR MODEL ONLY	1	TR203	269 0040 902	Transistor DTC144ES (47K-47K)T		
CX51	205 0884 009	5P connector base (TUC-P)		1	TR204	269 0020 906	Transistor DTC114ES(10K-10K)T		
CX54,55	205 0884 009	5P connector base (TUC-P)		2	TR205,206	273 0303 910	Transistor 2SC1740S(S)-T		
CX61-63	205 0943 018	6P connector base (TUC-P)		3	TR207	271 0192 905	Transistor 2SA933S(S)TP		
CX71	205 0943 021	7P connector base (TUC-P)		1	TR208	271 0117 906	Transistor 2SA1020(Y)TPE6		
CX73	205 0943 021	7P connector base (TUC-P)		1	TR210	269 0020 906	Transistor DTC114ES(10K-10K)T		
CX75	205 0943 021	7P connector base (TUC-P)		1	TR211	272 0158 007	Transistor 2SB/KTB778(R/O)		
CX76,77	205 0355 075	7P KR connector base (L)		2	TR212	273 0303 910	Transistor 2SC1740S(S)-T		
CX81	205 0884 096	8P connector base (TUC-P)	AVR MODEL ONLY	1	TR214	269 0020 906	Transistor DTC114ES(10K-10K)T		
CX82,83	205 0884 096	8P connector base (TUC-P)		2	TR701-703	269 0018 905	Transistor DTC143ES(4.7K-4.7K)T		
CX91	205 0884 038	9P connector base (TUC-P)		1					
CX93	205 0884 038	9P connector base (TUC-P)		1	D202	276 0432 903	Diode 1SS270A TE (TAPE)		
CX96	205 0884 038	9P connector base (TUC-P)		1	D204-206	276 0704 903	Diode 1SR35-400A(T93X)		
CX101	205 0884 054	10P connector base (TUC-P)		1	D208-210	276 0704 903	Diode 1SR35-400A(T93X)		
CX111-113	205 0884 067	11P connector base (TUC-P)		3	D211	276 0432 903	Diode 1SS270A TE (TAPE)		
CX116	205 0884 067	11P connector base (TUC-P)		1	D212,213	276 0704 903	Diode 1SR35-400A(T93X)		
CX131,132	205 0943 005	13P connector base (TUC-P)		2	D214	276 0432 903	Diode 1SS270A TE (TAPE)		
CX135	205 0943 005	13P connector base (TUC-P)		1	D215,216	276 0704 903	Diode 1SR35-400A(T93X)		
CX155-159	205 0884 041	15P connector base (TUC-P)		5	D217	276 0432 903	Diode 1SS270A TE (TAPE)		
CX502	205 1153 001	9P S SUB connector		1					
CX941,942	205 0343 045	4P connector base (KR-PH)		2	D304	276 0338 007	Diode S4VB20F		
CX945	205 0884 083	4P connector base (TUC-P)		1	D306	276 0338 007	Diode S4VB20F		
CX952	205 0770 045	15P FFC base (SIDE)	AVR MODEL ONLY	1	D703-705	276 0432 903	Diode 1SS270A TE (TAPE)		
CY231	205 1052 005	23P FFC base (9604F)		1					
FB504,505	235 0130 903	Chip emifil (11A121)		2	ZD201	276 0485 905	Zener diode HZS36-1TD		
FB901,902	235 0049 900	Beads inductor	AVR MODEL ONLY	2	ZD202	276 0467 907	Zener diode HZS9A-1TD		
					ZD203	276 0479 908	Zener diode HZS20-1TD		
FL101	393 8033 007	FLD (CM1690C)		1	RESISTORS GROUP				
JK301	204 8617 013	2P pin jack		1	R204	244 2051 974	Metal oxide 1 kohm 1W(NB)	RS14B3A102JNBST(S)	
JK401,402	204 8540 009	4P pin jack	AVR MODEL ONLY	2	R205	241 2387 940	Carbon film 4.7 ohm 1/4W(NB)	RD14B2E4R7JNBST	
	204 8540 012	4P pin jack	AVC MODEL ONLY	2	R214	241 2379 987	Carbon film 1 kohm 1/4W(NB)	RD14B2E102JNBST	
JK501	204 8289 001	DC Power jack	AVR MODEL ONLY	1	R223	241 2376 919	Carbon film 30 ohm 1/4W(NB)	RD14B2E300JNBST	
JK502,503	204 8260 004	Mini jack	AVR MODEL ONLY	2	△ R225,226	243 2091 009	Winding 33 ohm 10W	RW78A4A330J=(UL)	
					R227	242 2009 001	Composition 1/2W	RC05GF2H225K(UL)	
L101	235 0060 989	Inductor 120μH		1	CAPACITORS GROUP				
W513,514	205 1034 007	M3 Screw terminal	AVR MODEL ONLY	2	C201	254 4313 918	Electrolytic 10μF/50V	CE04W1H100MT(ASF)	
W515	205 1034 007	M3 Screw terminal		1	C202	254 4569 911	Electrolytic 47μF/25V	CE04W1E470MT(RE3)	
					C204,205	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3	
					C206	254 4313 918	Electrolytic 10μF/50V	CE04W1H100MT(ASF)	

Ref. No.	Part No.	Part Name	Remarks	Q'ty	Ref. No.	Part No.	Part Name	Remarks	Q'ty
C207	254 4540 707	Electrolytic 330μF/63V	CE04W1J331MC SMG/RE3		CX202	205 0581 001	2P VH connector base		1
C208	254 4569 911	Electrolytic 47μF/25V	CE04W1E470MT(RE3)		CX932	205 0296 037	3P EH connector base (YW)		1
C209	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3		CX933	205 0276 031	3P EH connector base (BU)		1
C212	254 4403 734	Electrolytic 4700μF/25V	CE04W1E472MC(SMG)						
C213	255 1265 936	Mylar film 0.01μF/50V	CQ93M1H103JT(B)		CY41	205 0343 045	4P connector base (KR-PH)		1
C214	254 4525 900	Electrolytic 33μF/50V	CE04W1H330MT SMG/RE3						
C216	256 1042 903	Metalized 0.1μF/250V	CF93A2E104KT		△ F1	206 1051 009	Fuse 12A	AVR&TAIWAN R.O.C. MODEL ONLY	1
C217	256 1058 971	Metalized 0.1μF/50V	CF93A1H104JT (JL)		△	206 1036 011	Fuse 6.3A	EUROPE,ASIA,CHINA, KOREA,HONG KONG MODEL ONLY	1
C223	256 1058 971	Metalized 0.1μF/50V	CF93A1H104JT (JL)		△ F8	206 1046 014	Fuse 8A	AVR&TAIWAN R.O.C. MODEL ONLY	1
△ C224	253 8022 707	Ceramic 0.01μF/125V(AC)	CK45F2EAC103MC AVR&TAIWAN R.O.C. MODEL ONLY		△	206 1015 032	Fuse 2.5A	EUROPE,ASIA,CHINA, KOREA,HONG KONG MODEL ONLY	1
△	253 8022 707	Ceramic 0.01μF/250V(AC)	CK45F2EAC103MC EUROPE, ASIA, CHINA, KOREA, HONG KONG MODEL ONLY		△ F14-16	206 1039 089	Fuse 3.15A	AVR&TAIWAN R.O.C. MODEL ONLY	3
C225	254 4319 789	Electrolytic 33μF/50V	CE04W1E332MC(ASF)		△	206 1015 074	Fuse 3.15A	EUROPE,ASIA,CHINA, KOREA,HONG KONG MODEL ONLY	3
C226	254 4472 707	Electrolytic 4700μF/16V	CE04W1C472MC (SMG)		△	513 2654 057	Fuse label T6.3A	EUROPE,ASIA,CHINA, KOREA,HONG KONG MODEL ONLY	1
C228,229	254 4472 707	Electrolytic 4700μF/16V	CE04W1C472MC (SMG)		△	513 2585 074	Fuse label T2.5	EUROPE,ASIA,CHINA, KOREA,HONG KONG MODEL ONLY	1
C230,231	256 1058 971	Metalized 0.1μF/50V	CF93A1H104JT (JL)		△	513 2585 045	Fuse label T3.15A	EUROPE,ASIA,CHINA, KOREA,HONG KONG MODEL ONLY	3
C234,235	256 1058 971	Metalized 0.1μF/50V	CF93A1H104JT (JL)						
C415,416	253 1181 904	Ceramic 0.01μF/50V	CK45F1H103ZT(DD-3)		FF201	202 0040 909	Fuse clip	EUROPE,ASIA,CHINA, KOREA,HONG KONG MODEL ONLY	1
C703	253 1181 917	Ceramic 0.022μF/50V	CK45F1H223ZT(DD-3)		FF202	EP-5870	Fuse holder	AVR&TAIWAN R.O.C. MODEL ONLY	1
C707	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3		FF205	202 0040 909	Fuse clip		1
C708-710	253 1181 917	Ceramic 0.022μF/50V	CK45F1H223ZT(DD-3)		FF207-209	202 0040 909	Fuse clip		3
C901,902	253 1181 904	Ceramic 0.01μF/50V	CK45F1H103ZT(DD-3)		FH201	202 0040 909	Fuse clip	EUROPE,ASIA,CHINA, KOREA,HONG KONG MODEL ONLY	1
C953	253 1181 904	Ceramic 0.01μF/50V	CK45F1H103ZT(DD-3)		FH202	EP-5870	Fuse holder	AVR&TAIWAN R.O.C. MODEL ONLY	1
C957	256 1058 971	Metalized 0.1μF/50V	CF93A1H104JT (JL)		FH205	202 0040 909	Fuse clip		1
					FH207-209	202 0040 909	Fuse clip		3
					J202	Jumper		AVR MODEL ONLY	1
					J203	Jumper		AVR&TAIWAN R.O.C. MODEL ONLY	1
					J204	Jumper		EUROPE,ASIA,CHINA, KOREA,HONG KONG MODEL ONLY	1
					J205	Jumper		AVR&TAIWAN R.O.C. MODEL ONLY	1
					JK401	205 1194 002	8P SP terminal		1
OTHER PARTS GROUP				Q'ty					
AS201	417 0476 007	Radiator		1					
AS202	470 0051 009	3×8 CPS(SW,W) ZNP		1					
△ AS203	415 0299 000	Condensor cover	AVC MODEL ONLY	1					
AS204	417 0476 007	Radiator		1					
AS205	417 0617 002	Heat sink (PUG36)		1					
W201	205 1034 010	M3 Screw terminal		1					
AS206	470 0051 009	3×8 CPS(SW,W) ZNP		1					
AS208	470 0051 009	3×8 CPS(SW,W) ZNP		1					
CN31	203 5265 012	3P SDN-SDN connector cord		1					
CN48	203 6565 009	4P SDN-SDN connector cord		1					
CW75	205 0942 022	7P connector socket (TUC-P)		1					
CX33	205 0355 033	3P KR connector base (L)	AVR MODEL ONLY	1					
CX57	205 0355 059	5P KR connector base (L)		1					
CX79	205 0355 075	7P KR connector base (L)		1					
CX95	205 0343 090	9P connector base (KR-PH)		1					
CX151	205 0375 055	15P connector base (KR-PH)		1					
CX201	205 0581 001	2P VH connector base	AVC MODEL ONLY	1					

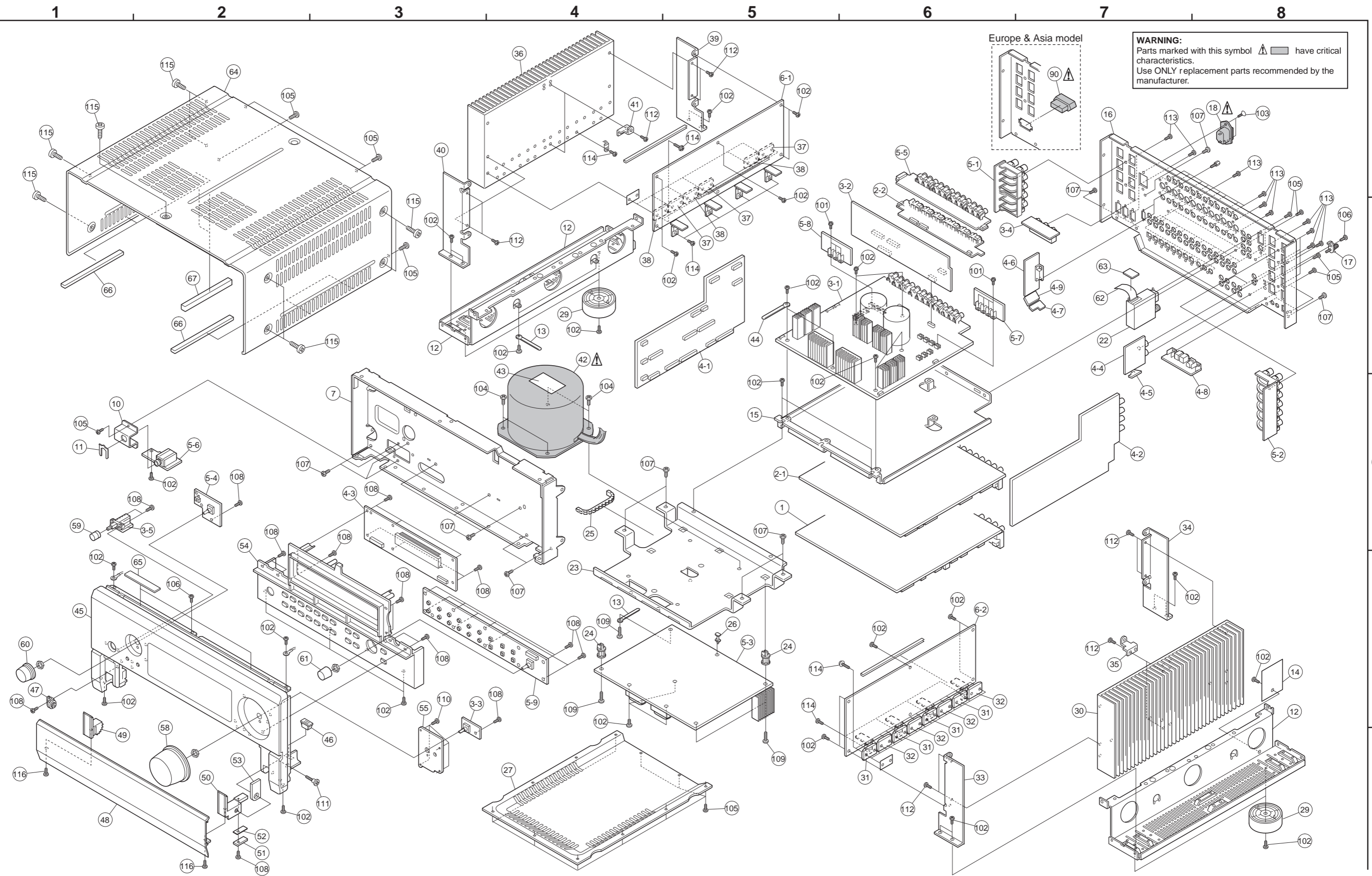
1U-3356 AMP UNIT ASS'Y


Ref. No.	Part No.	Part Name	Remarks	Q'ty	Ref. No.	Part No.	Part Name	Remarks
JK403	205 1202 004	6P SP terminal		1	SEMICONDUCTORS GROUP			
JK404	205 1201 005	4P SP terminal		1	TR101,102	273 0459 903	Transistor KTC2874B-AT	
JK701-704	204 8607 010	3P pin jack (COMP-NI)	AVR MODEL ONLY	4	TR103-106	271 0094 919	Transistor 2SA970(BL)TPE2	
	204 8607 007	3P pin jack (COMP-AU)	AVC MODEL ONLY		TR107,108	273 0453 006	Transistor 2SC4001(M/L)	
JK951	204 8217 031	Headphone jack (BK(AU))		1	TR109,110	271 0304 007	Transistor 2SA1546(M/L)	
L201,202	235 0060 934	Inductor 47μH		2	TR111,112	273 0453 006	Transistor 2SC4001(M/L)	
△ RL201,202	214 0212 002	Relay TV-8 (DLS1U)		2	TR113,114	273 0445 001	Transistor 2SC4495	
RL701-706	214 0208 003	Relay (NA24W-K)		6	TR115,116	273 0458 904	Transistor 2SC/KTC3200BL-AT	
S421	212 0373 000	Rotary encoder EC16B		1	TR117,118	269 0018 905	Transistor DTC143ES(4.7K-4.7K)T	
S422,423	212 5604 910	Tact switch		2	TR202	273 0459 903	Transistor KTC2874B-AT	
S901-918	212 5604 910	Tact switch		18	TR204	271 0094 919	Transistor 2SA970(BL)TPE2	
S920	212 0373 000	Rotary encoder EC16B		1	TR206	271 0094 919	Transistor 2SA970(BL)TPE2	
S922,923	212 5604 910	Tact switch		2	TR208	273 0453 006	Transistor 2SC4001(M/L)	
△ T201	233 6373 001	Power trans (SUB/E3)	AVR&TAIWAN R.O.C. MODEL ONLY	1	TR210	271 0304 007	Transistor 2SA1546(M/L)	
△	233 6374 000	Power trans (SUB/E2)	EUROPE, ASIA, HONG KONG MODEL ONLY	1	TR212	273 0453 006	Transistor 2SC4001(M/L)	
△	233 6375 009	Power trans (SUB/CH)	CHINA, KOREA MODEL ONLY	1	TR214	273 0445 001	Transistor 2SC4495	
△ T202	233 6385 002	Power trans (MINI/E3)	AVR&TAIWAN R.O.C. MODEL ONLY	1	TR216	273 0458 904	Transistor 2SC/KTC3200BL-AT	
△	233 6386 001	Power trans (MINI/E2)	EUROPE, ASIA, HONG KONG MODEL ONLY	1	TR218	269 0018 905	Transistor DTC143ES(4.7K-4.7K)T	
△	233 6387 000	Power trans (MINI/CH)	CHINA, KOREA MODEL ONLY	1	TR301,302	273 0459 903	Transistor KTC2874B-AT	
W202,203	205 0864 029	M3 screw terminal		2	TR303-306	271 0094 919	Transistor 2SA970(BL)TPE2	
W205,206	205 0864 029	M3 screw terminal		2	TR307,308	273 0453 006	Transistor 2SC4001(M/L)	
W744	203 0629 006	1P contact Ass'y		1	TR309,310	271 0304 007	Transistor 2SA1546(M/L)	
W781-787	205 1034 010	M3 Screw terminal		7	TR311,312	273 0453 006	Transistor 2SC4001(M/L)	
					TR313,314	273 0445 001	Transistor 2SC4495	
					TR315,316	273 0458 904	Transistor 2SC/KTC3200BL-AT	
					TR317,318	269 0018 905	Transistor DTC143ES(4.7K-4.7K)T	
					TR351,352	269 0018 905	Transistor DTC143ES(4.7K-4.7K)T	
					TR401,402	273 0459 903	Transistor KTC2874B-AT	
					TR403-406	271 0094 919	Transistor 2SA970(BL)TPE2	
					TR407,408	273 0453 006	Transistor 2SC4001(M/L)	
					TR409,410	271 0304 007	Transistor 2SA1546(M/L)	
					TR411,412	273 0453 006	Transistor 2SC4001(M/L)	
					TR413,414	273 0445 001	Transistor 2SC4495	
					TR415,416	273 0458 904	Transistor 2SC/KTC3200BL-AT	
					TR417,418	269 0018 905	Transistor DTC143ES(4.7K-4.7K)T	
					TR503-506	271 0301 903	Transistor 2SA/KTA1268BL-AT	
					D101,102	276 0432 903	Diode 1SS270A TE (TAPE)	
					D105-112	276 0432 903	Diode 1SS270A TE (TAPE)	
					D202	276 0432 903	Diode 1SS270A TE (TAPE)	
					D206	276 0432 903	Diode 1SS270A TE (TAPE)	
					D208	276 0432 903	Diode 1SS270A TE (TAPE)	
					D210	276 0432 903	Diode 1SS270A TE (TAPE)	
					D212	276 0432 903	Diode 1SS270A TE (TAPE)	
					D301,302	276 0432 903	Diode 1SS270A TE (TAPE)	
					D305-312	276 0432 903	Diode 1SS270A TE (TAPE)	

Ref. No.	Part No.	Part Name	Remarks	Ref. No.	Part No.	Part Name	Remarks
D351,352	276 0432 903	Diode 1SS270A TE (TAPE)		R413,414	241 2380 963	Carbon film 2.2 kohm 1/4W(NB)	RD14B2E222JNBST
D401,402	276 0432 903	Diode 1SS270A TE (TAPE)		R419,420	241 2380 963	Carbon film 2.2 kohm 1/4W(NB)	RD14B2E222JNBST
D405-412	276 0432 903	Diode 1SS270A TE (TAPE)		R423,424	244 2671 969	Metal oxide 12 kohm 2W(NB)	RS14B3D123JNBST(S)
ZD101-104	276 0452 909	Zener diode HZS3A-1TD		R425,426	241 2435 928	Fusible resistor 130 ohm 1/4W	RD14B2E131GFRST
ZD202	276 0452 909	Zener diode HZS3A-1TD		R427,428	241 2376 980	Carbon film 56 ohm 1/4W(NB)	RD14B2E560JNBST
ZD204	276 0452 909	Zener diode HZS3A-1TD		R429,430	241 2435 928	Fusible resistor 130 ohm 1/4W	RD14B2E131GFRST
ZD301-304	276 0452 909	Zener diode HZS3A-1TD		R435-438	241 2387 940	Carbon film 4.7 ohm 1/4W(NB)	RD14B2E4R7JNBST
ZD401-404	276 0452 909	Zener diode HZS3A-1TD		R439-442	243 2093 010	Winding 0.05 ohm 3W	RW98A3FR05K
PT501,502	279 0034 067	Thermistor PTH9M04BB222TS2F333		R445,446	244 2671 930	Metal oxide 20 ohm 2W(NB)	RS14B3D200JNBST(S)
				R461,462	244 2671 930	Metal oxide 20 ohm 2W(NB)	RS14B3D200JNBST(S)
				R509,510	241 2387 940	Carbon film 4.7 ohm 1/4W(NB)	RD14B2E4R7JNBST
				R511,512	244 2051 961	Metal oxide 100 ohm 1W(NB)	RS14B3A101JNBST(S)
				VR101,102	211 6146 908	Semi fixed resistor 4.7 kohm	V06PB472T(RH063)
				VR202	211 6146 908	Semi fixed resistor 4.7 kohm	V06PB472T(RH063)
				VR301,302	211 6146 908	Semi fixed resistor 4.7 kohm	V06PB472T(RH063)
				VR401,402	211 6146 908	Semi fixed resistor 4.7 kohm	V06PB472T(RH063)
RESISTORS GROUP				CAPACITORS GROUP			
R113,114	241 2380 963	Carbon film 2.2 kohm 1/4W(NB)	RD14B2E222JNBST	C101,102	254 4557 936	Electrolytic 22µF/50V	CE04W1H220MT(RFS)
R119,120	241 2380 963	Carbon film 2.2 kohm 1/4W(NB)	RD14B2E222JNBST	C103,104	254 5573 949	Electrolytic 10µF/50V	CE04W1H100MT(RFS)
R123,124	244 2671 969	Metal oxide 12 kohm 2W(NB)	RS14B3D123JNBST(S)	C105,106	255 1273 944	Mylar film 220pF/50V	CQ93M1H221KT(B)
R125,126	241 2435 928	Fusible resistor 130 ohm 1/4W	RD14B2E131GFRST	C107,108	255 1273 902	Mylar film 100pF/50V	CQ93M1H101KT(B)
R127,128	241 2376 980	Carbon film 56 ohm 1/4W(NB)	RD14B2E560JNBST	C109,110	255 1264 940	Mylar film 2200pF/50V	CQ93M1H222JT(B)
R129,130	241 2435 928	Fusible resistor 130 ohm 1/4W	RD14B2E131GFRST	C111,112	254 4382 910	Electrolytic 220µF/16V	CE04W1C221MT(ASF)
R135-138	241 2387 940	Carbon film 4.7 ohm 1/4W(NB)	RD14B2E4R7JNBST	C113,114	255 4242 943	Mylar film 33pF/100V	CQ93P2A330JT(NH)
R139-142	243 2093 010	Winding 0.05 ohm 3W	RW98A3FR05K	C115,116	255 4235 918	Mylar film 100pF/100V	CQ93P2A101JT(NH)
R145,146	244 2671 930	Metal oxide 20 ohm 2W(NB)	RS14B3D200JNBST(S)	C117,118	253 4465 902	Ceramic chip 5pF/500V	CC45SL2H050CT
R161,162	244 2671 930	Metal oxide 20 ohm 2W(NB)	RS14B3D200JNBST(S)	C119,120	255 4235 918	Mylar film 100pF/100V	CQ93P2A101JT(NH)
R214	241 2380 963	Carbon film 2.2 kohm 1/4W(NB)	RD14B2E222JNBST	C121,122	254 4557 910	Electrolytic 2.2µF/50V	CE04W1H2R2MT(RFS)
R220	241 2380 963	Carbon film 2.2 kohm 1/4W(NB)	RD14B2E222JNBST	C123-126	254 4481 918	Electrolytic 10µF/100V	CE04W2A100MT(ASF)
R224	244 2671 969	Metal oxide 12 kohm 2W(NB)	RS14B3D123JNBST(S)	C127,128	255 1264 908	Mylar film 1000pF/50V	CQ93M1H102JT(B)
R226	241 2435 928	Fusible resistor 130 ohm 1/4W	RD14B2E131GFRST	C129-132	255 4235 976	Mylar film 0.015µF/100V	CQ93P2A153JT(NH)
R228	241 2376 980	Carbon film 56 ohm 1/4W(NB)	RD14B2E560JNBST	C133,134	255 4232 937	Mylar film 1000pF/100V	CQ93P2A102JT(NH)
R230	241 2435 928	Fusible resistor 130 ohm 1/4W	RD14B2E131GFRST	C202	254 4557 936	Electrolytic 22µF/50V	CE04W1H220MT(RFS)
R236	241 2387 940	Carbon film 4.7 ohm 1/4W(NB)	RD14B2E4R7JNBST	C204	254 5573 949	Electrolytic 10µF/50V	CE04W1H100MT(RFS)
R238	241 2387 940	Carbon film 4.7 ohm 1/4W(NB)	RD14B2E4R7JNBST	C206	255 1273 944	Mylar film 220pF/50V	CQ93M1H221KT(B)
R240	243 2093 010	Winding 0.05 ohm 3W	RW98A3FR05K	C208	255 1273 902	Mylar film 100pF/50V	CQ93M1H101KT(B)
R242	243 2093 010	Winding 0.05 ohm 3W	RW98A3FR05K	C210	255 1264 940	Mylar film 2200pF/50V	CQ93M1H222JT(B)
R246	244 2671 930	Metal oxide 20 ohm 2W(NB)	RS14B3D200JNBST(S)	C212	254 4382 910	Electrolytic 220µF/16V	CE04W1C221MT(ASF)
R262	244 2671 930	Metal oxide 20 ohm 2W(NB)	RS14B3D200JNBST(S)	C214	255 4242 943	Mylar film 33pF/100V	CQ93P2A330JT(NH)
R313,314	241 2380 963	Carbon film 2.2 kohm 1/4W(NB)	RD14B2E222JNBST	C216	255 4235 918	Mylar film 100pF/100V	CQ93P2A101JT(NH)
R319,320	241 2380 963	Carbon film 2.2 kohm 1/4W(NB)	RD14B2E222JNBST	C218	253 4465 902	Ceramic chip 5pF/500V	CC45SL2H050CT
R323,324	244 2671 969	Metal oxide 12 kohm 2W(NB)	RS14B3D123JNBST(S)	C220	255 4235 918	Mylar film 100pF/100V	CQ93P2A101JT(NH)
R325,326	241 2435 928	Fusible resistor 130 ohm 1/4W	RD14B2E131GFRST	C222	254 4557 910	Electrolytic 2.2µF/50V	CE04W1H2R2MT(RFS)
R327,328	241 2376 980	Carbon film 56 ohm 1/4W(NB)	RD14B2E560JNBST	C224	254 4481 918	Electrolytic 10µF/100V	CE04W2A100MT(ASF)
R329,330	241 2435 928	Fusible resistor 130 ohm 1/4W	RD14B2E131GFRST	C226	254 4481 918	Electrolytic 10µF/100V	CE04W2A100MT(ASF)
R335-338	241 2387 940	Carbon film 4.7 ohm 1/4W(NB)	RD14B2E4R7JNBST				
R339-342	243 2093 010	Winding 0.05 ohm 3W	RW98A3FR05K				
R345,346	244 2671 930	Metal oxide 20 ohm 2W(NB)	RS14B3D200JNBST(S)				
R361,362	244 2671 930	Metal oxide 20 ohm 2W(NB)	RS14B3D200JNBST(S)				

Ref. No.	Part No.	Part Name	Remarks	Ref. No.	Part No.	Part Name	Remarks	Q'ty	
C228	255 1264 908	Mylar film 1000pF/50V	CQ93M1H102JT(B)	OTHER PARTS GROUP					
C230	255 4235 976	Mylar film 0.015μF/100V	CQ93P2A153JT(NH)	AS101-104	415 0309 026	P.V.C. tube (L=20)		4	
C232	255 4235 976	Mylar film 0.015μF/100V	CQ93P2A153JT(NH)	AS105-110	009 0185 113	Bus bar(4P)		6	
C234	255 4232 937	Mylar film 1000pF/100V	CQ93P2A102JT(NH)						
C301,302	254 4557 936	Electrolytic 22μF/50V	CE04W1H220MT(RFS)	CW76,77	204 2513 087	7P KR-DA connector cord		2	
C303,304	254 5573 949	Electrolytic 10μF/50V	CE04W1H100MT(RFS)	CW941,942	203 6365 018	4P KR-DA connector cord		2	
C305,306	255 1273 944	Mylar film 220pF/50V	CQ93M1H221KT(B)	CY35,36	203 5265 009	3P SDN-SDN connector cord		2	
C307,308	255 1273 902	Mylar film 100pF/50V	CQ93M1H101KT(B)	CY92	205 0343 090	9P connector base (KR-PH)		1	
C309,310	255 1264 940	Mylar film 2200pF/50V	CQ93M1H222JT(B)	CY114	205 0375 013	11P connector base (KR-PH)		1	
C311,312	254 4382 910	Electrolytic 220μF/16V	CE04W1C221MT(ASF)	CY921,922	203 2407 006	2P SDN-SDN connector cord		2	
C313,314	255 4242 943	Mylar film 33pF/100V	CQ93P2A330JT(NH)	CY924	203 2407 019	2P SDN-SDN connector cord		1	
C315,316	255 4235 918	Mylar film 100pF/100V	CQ93P2A101JT(NH)	CY925,926	203 2407 022	2P SDN-SDN connector cord		2	
C317,318	253 4465 902	Ceramic chip 5pF/500V	CC45SL2H050CT						
C319,320	255 4235 918	Mylar film 100pF/100V	CQ93P2A101JT(NH)	L101,102	235 0068 004	Inductor 1μH		2	
C321,322	254 4557 910	Electrolytic 2.2μF/50V	CE04W1H2R2MT(RFS)	L202	235 0068 004	Inductor 1μH		1	
C323-326	254 4481 918	Electrolytic 10μF/100V	CE04W2A100MT(ASF)	L301,302	235 0068 004	Inductor 1μH		2	
C327,328	255 1264 908	Mylar film 1000pF/50V	CQ93M1H102JT(B)	L401,402	235 0068 004	Inductor 1μH		2	
C329-332	255 4235 976	Mylar film 0.015μF/100V	CQ93P2A153JT(NH)						
C333,334	255 4232 937	Mylar film 1000pF/100V	CQ93P2A102JT(NH)	RL101,102	214 0209 002	Relay FTR-F1AD024V		2	
C401,402	254 4557 936	Electrolytic 22μF/50V	CE04W1H220MT(RFS)	RL202	214 0209 002	Relay FTR-F1AD024V		1	
C403,404	254 5573 949	Electrolytic 10μF/50V	CE04W1H100MT(RFS)	RL301,302	214 0209 002	Relay FTR-F1AD024V		2	
C405,406	255 1273 944	Mylar film 220pF/50V	CQ93M1H221KT(B)	RL351,352	214 0209 002	Relay FTR-F1AD024V		2	
C407,408	255 1273 902	Mylar film 100pF/50V	CQ93M1H101KT(B)	RL401,402	214 0209 002	Relay FTR-F1AD024V		2	
C409,410	255 1264 940	Mylar film 2200pF/50V	CQ93M1H222JT(B)						
C411,412	254 4382 910	Electrolytic 220μF/16V	CE04W1C221MT(ASF)	TP101,102	205 0154 030	3P NH connector base		2	
C413,414	255 4242 943	Mylar film 33pF/100V	CQ93P2A330JT(NH)	TP111-114	205 1192 062	6P pin header (TIX-H1)		4	
C415,416	255 4235 918	Mylar film 100pF/100V	CQ93P2A101JT(NH)	TP202	205 0154 030	3P NH connector base		1	
C417,418	253 4465 902	Ceramic chip 5pF/500V	CC45SL2H050CT	TP212	205 1192 062	6P pin header (TIX-H1)		1	
C419,420	255 4235 918	Mylar film 100pF/100V	CQ93P2A101JT(NH)	TP214	205 1192 062	6P pin header (TIX-H1)		1	
C421,422	254 4557 910	Electrolytic 2.2μF/50V	CE04W1H2R2MT(RFS)	TP301,302	205 0154 030	3P NH connector base		2	
C423-426	254 4481 918	Electrolytic 10μF/100V	CE04W2A100MT(ASF)	TP311-314	205 1192 062	6P pin header (TIX-H1)		4	
C427,428	255 1264 908	Mylar film 1000pF/50V	CQ93M1H102JT(B)	TP401,402	205 0154 030	3P NH connector base		2	
C429-432	255 4235 976	Mylar film 0.015μF/100V	CQ93P2A153JT(NH)	TP411-414	205 1192 062	6P pin header (TIX-H1)		4	
C433,434	255 4232 937	Mylar film 1000pF/100V	CQ93P2A102JT(NH)						
C503,504	255 1265 936	Mylar film 0.01μF/50V	CQ93M1H103JT(B)	W501,502	203 5264 000	3C wire Ass'y		2	
C505-508	254 4313 963	Electrolytic 1μF/50V	CE04W1H010MT(ASF)		449 0080 089	Edging		2	
C509,510	254 4528 716	Electrolytic 47μF/100V	CE04W2A470MC SMG/RE3						

EXPLODED VIEW



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

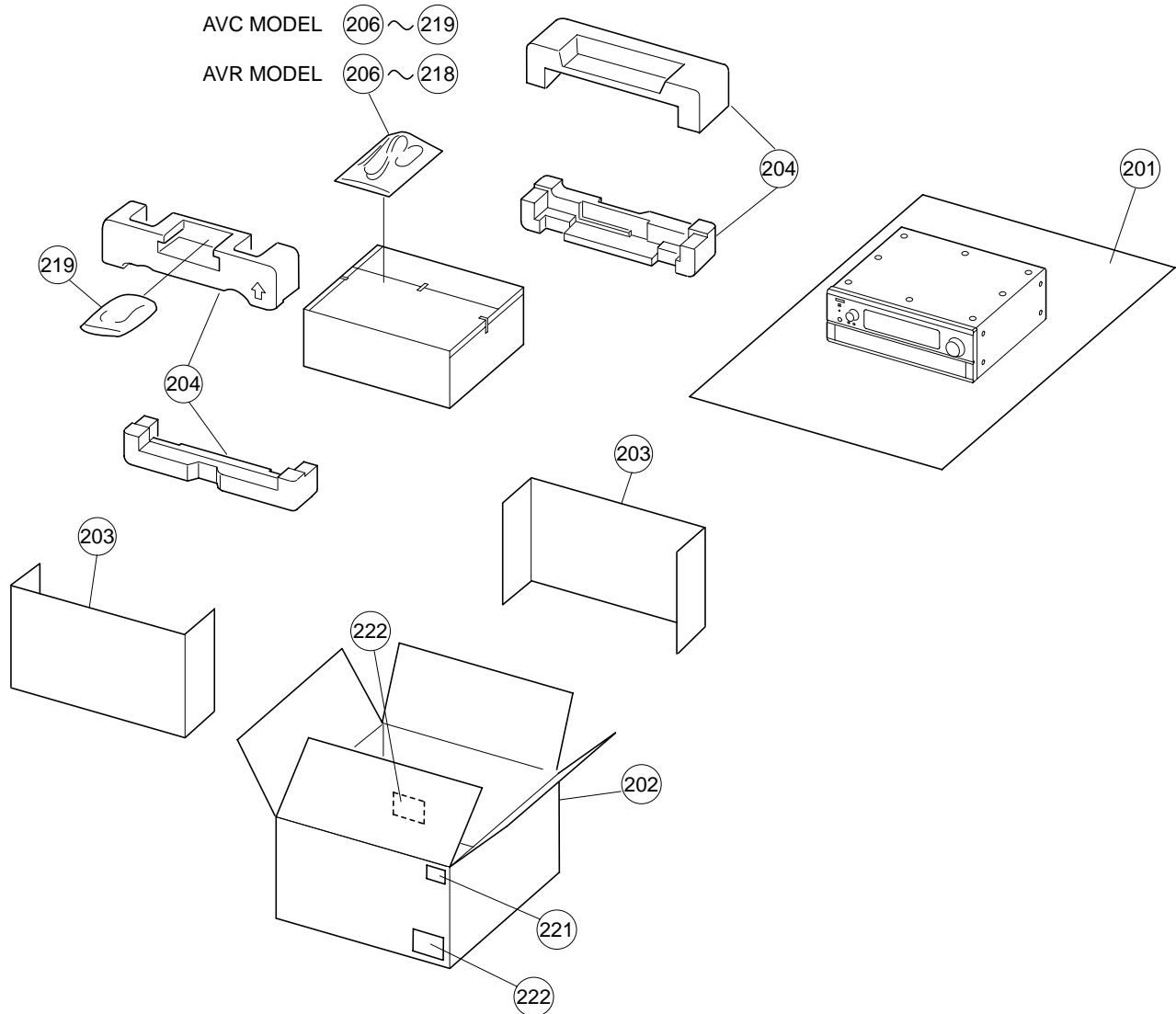
Europe & Asia model

A
B
C
D
E

PARTS LIST OF EXPLODED VIEW

Ref. No.	Part No.	Part Name	Remarks	Q'ty	Ref. No.	Part No.	Part Name	Remarks	Q'ty	Ref. No.	Part No.	Part Name	Remarks	Q'ty	Ref. No.	Part No.	Part Name	Remarks	Q'ty
1	1U-3350	DSP unit Ass'y	AVR MODEL ONLY	1	7	411 1985 007	Front chassis		1	48	144 2766 008	Door	AVR MODEL ONLY	1	★ 78	204 2549 006	9P KR-KR ribbon 70	CN95	1
	1U-3350 A	DSP unit Ass'y	AVC MODEL ONLY		★ 8	513 3675 006	Fuse caution	AVR MODEL ONLY	1	48	144 2766 024	Door	AVC BLACK MODEL	1	★ 79	203 5234 027	3P VH-VH con cord	CN21	1
	1U-3351	Audio unit Ass'y	AVR MODEL ONLY	1	★ 9	513 3676 005	Fuse & Ic caution	AVR MODEL ONLY	1	48	144 2766 037	Door	AVC GOLD MODEL	1				AVC MODEL ONLY	
	1U-3351 A	Audio unit Ass'y	AVC MODEL ONLY		10	412 4797 004	Head phone bracket		1	49	401 0184 200	Hinge (L)	GOLD MODEL	1	★ 80	513 2482 009	Caution label (T)	TAIWAN R.O.C. MODEL ONLY	1
2-1		Audio IN unit			11	441 1793 009	Snap plate		1	49	401 0184 213	Hinge (L)	BLACK MODEL	1				TAIWAN R.O.C. MODEL ONLY	1
2-2		S-Video unit			12	411 1987 102	Side chassis		2	50	401 0185 209	Hinge (R)	GOLD MODEL	1	★ 81	513 3497 019	Kolin rating	TAIWAN R.O.C. MODEL ONLY	1
3	1U-3353	Cvideo&Reg unit Ass'y	AVR MODEL ONLY	1	13	445 0048 016	Cord holder (L50)		3	50	401 0185 212	Hinge (R)	BLACK MODEL	1				EUROPE,ASIA,CHINA MODEL ONLY	18
	1U-3353 A	Cvideo&Reg unit Ass'y	TAIWAN R.O.C. MODEL ONLY		14	414 0937 107	Shield sheet		1	51	441 1900 009	Plate		1	★ 82	415 0845 001	SP rivet	EUROPE,ASIA,CHINA MODEL ONLY	18
	1U-3353 B	Cvideo&Reg unit Ass'y	EUROPE,ASIA,CHINA KOREA MODEL ONLY		15	414 0926 008	Shield plate		1	52	441 1906 003	Spacer		1				EUROPE,ASIA MODEL ONLY	1
3-1		C Video & REG. unit			16	105 1376 203	Back panel	AVR MODEL ONLY	1	53	441 1905 004	Spacer		1	△ 90	203 3942 007	AC OUTLET (E2)	EUROPE,ASIA MODEL ONLY	1
3-2		OSD unit			16	105 1376 232	Back panel (E1C)	CHINA MODEL ONLY	1	54	146 2248 205	Inner panel ass'y	AVR MODEL ONLY	1					
3-3		Master VR unit			16	105 1376 245	Back panel (EUT)	TAIWAN R.O.C. MODEL ONLY	1	54	146 2248 221	Inner panel ass'y	AVC BLACK MODEL	1					
3-4		AC Outlet unit	AVR&TAIWAN R.O.C. MODEL ONLY		16	105 1376 258	Back panel (E1K)	KOREA MODEL ONLY	1	54	146 2248 234	Inner panel ass'y	AVC GOLD MODEL	1					
3-5		P.SW unlock unit	AVR MODEL ONLY		16	105 1376 258	Back panel (E1K)	KOREA MODEL ONLY	1	55	412 4177 006	VR bracket		1					
3-6		P.SW lock unit	AVC MODEL ONLY		17	205 1116 006	Terminal ass		1	★ 56	009 0191 026	23P FFC cable		1					
4	1U-3354	Connect unit Ass'y	AVR MODEL ONLY	1	△ 18	203 3970 008	AC inlet		1	★ 57	445 8004 007	Wire clamber	BLACK MODEL	10					
	1U-3354 A	Connect unit Ass'y	AVC MODEL ONLY		★ 19	203 2406 007	2C wire ass'y		1	58	112 0877 002	Knob ass'y(M)	GOLD MODEL	1	101	470 0051 009	3X8 CPS(SW,W) ZNP		20
4-1		Connect L unit			★ 20	342 0030 000	Ferrite core		1	58	112 0877 015	Knob ass'y(M)	GOLD MODEL	1	102	473 7002 018	3X8 CBTS (S)-Z		44
4-2		Connect R unit			★ 21	445 8004 007	Wire clamber		1	59	113 1792 105	Power knob ass'y	BLACK MODEL	1	103	473 7003 017	3X8 CFTS (S)-B		2
4-3		FLD unit			22	216 0113 000	Am fm tuner(E3)	AVR MODEL ONLY	1	59	113 1792 118	Power knob ass'y	GOLD MODEL	1	104	473 7007 000	4X8 CBTS (S)-B		4
4-4		Phono unit			23	412 4798 003	Trans plate		1	60	112 0879 000	Knob ass'y(F)	BLACK MODEL	1	105	473 7015 005	3X6 CBTS(S)-B	AVR MODEL ONLY	24
4-5		PH Connect unit			24	412 2762 002	P.W.B.holder		4	60	112 0879 013	Knob ass'y(F)	GOLD MODEL	1	105	473 7015 005	3X6 CBTS(S)-B	AVC MODEL ONLY	19
4-6		232C unit			25	415 0469 047	Flexible bush		1	61	112 0881 001	Knob maru ass'y	BLACK MODEL	1	106	473 7015 018	3X8 CBTS (S)-B		2
4-7		232C CON. unit			26	412 2814 028	Card spacer(L=10)		1	61	112 0881 014	Knob maru ass'y	GOLD MODEL	1	107	473 7026 007	4X6 CBTS (S)-B		18
4-8		Remote unit	AVR MODEL ONLY		27	105 1377 008	Bottom cover		1	62	009 0191 013	15P FFC cable	AVR MODEL ONLY	1	108	473 7500 015	3X8 CBTS (P)-Z		29
4-9		Joint unit			★ 28	513 8266 009	Dangerous mark	AVR MODEL ONLY	1	62	009 0191 013	15P FFC cable	AVR MODEL ONLY	1	109	473 7501 030	3X20 CBTS (P)-Z		4
5	1U-3355	REG. unit Ass'y	AVR MODEL ONLY	1	29	104 0194 289	Foot ass'y		4	63	461 0639 003	Rubber sheet	AVR MODEL ONLY	1	110	473 7505 007	2.6X8 CBTS (P)-Z		4
	1U-3355 A	REG. unit Ass'y	TAIWAN R.O.C. MODEL ONLY		30	417 0612 104	Power radiator		1	64	102 0649 000	Top cover	BLACK MODEL	1	111	473 7514 001	Special screw		1
	1U-3355 B	REG. unit Ass'y	EUROPE,ASIA,CHINA KOREA MODEL ONLY		31	272 0159 006	MP1715(O/P/Y)LF(202)		4	64	102 0649 013	Top cover	GOLD MODEL	1	112	473 8034 030	3X10 CBTS(B)-Z		12
5-1		SP L unit			32	274 0199 004	MN1715(O/P/Y)LF(202)		4	65	461 0501 005	Rubber sheet		2	113	477 0064 107	Fixing screw	AVR&TAIWAN R.O.C. MODEL ONLY	55
5-2		SP R unit			33	412 4799 109	Radiator bracket(A)		1	66	461 0573 046	Rubber sheet		4				EUROPE,ASIA,CHINA, KOREA MODEL ONLY	53
5-3		Primaly unit			34	412 4799 112	Radiator bracket(A)		1	67	461 0573 059	Rubber sheet		2	114	477 0153 021	3X16 CPTS(B) SW W		37
5-4		Input SEL unit			35	412 4800 001	Radiator bracket(B)		2	★ 68	513 1581 011	Serial no. sheet		1	115	477 0263 005	3P. Swelling screw	BLACK MODEL	9
5-5		COMP.Video unit			36	417 0612 104	Power radiator		1	★ 68	513 2481 000	Serial no. sheet (T)	TAIWAN R.O.C. MODEL ONLY	1	115	477 0263 018	3P. Swelling screw	GOLD MODEL	9
5-6		H/P unit			37	272 0159 006	MP1715(O/P/Y)LF(202)		3					1	116	473 7500 028	3X8 CFTS (P)-Z		2
5-7		SP R GND unit			38	274 0199 004	MN1715(O/P/Y)LF(202)		3	★ 69	GEN5251	License sub Ass'y		1					
5-8		SP L GND unit			39	412 4799 109	Radiator bracket(A)		1	★ 70	GEN4990-6	Rating sub Ass'y	AVR MODEL ONLY	1					
5-9		Tact unit			40	412 4799 112	Radiator bracket(A)		1	★ 70	GEN4990-7	Rating sub Ass'y	EUROPE,ASIA MODEL ONLY	1					
6	1U-3356	AMP unit Ass'y		1	41	412 4800 001	Radiator bracket(B)		2	★ 70	GEN4990-8	Rating sub Ass'y	TAIWAN R.O.C. MODEL ONLY	1					
6-1		AMP L unit			△ 42	233 6370 004	Power trans(main/E3)	AVR&TAIWAN R.O.C. MODEL ONLY	1	★ 71	513 3286 000	Caution label		1					
6-2		AMP R unit			△ 42	233 6371 003	Power trans(main/E2)	EUROPE,ASIA MODEL ONLY	1	★ 72	204 6694 009	11P PH-PH con.cord	CN114	1					
6-3		TR114 unit			△ 42	233 6372 002	Power trans(main/CH)	CHINA,KOREA MODEL ONLY	1	★ 73	204 6362 001	15P KR-KR ribbon 70	CN151	1					
6-4		TR113 unit							1	★ 74	203 5263 001	3P VH-VH con cord	CN22	1					
6-5		TR214 unit			43	513 3333 005	Label (trans)		1					1					
6-6		TR213 unit			44	445 0048 016	Cord holder (L50)		2	★ 74	203 5252 012	3P VH con ass'y	CN22	1					
6-7		TR314 unit			45	144 2765 106	Front panel ass'y	AVR MODEL ONLY	1					1					
6-8		TR313 unit			45	144 2765 122	Front panel ass'y	AVC GOLD MODEL	1	★ 75	203 6385 072	4P KR-KR ribbon 200	CN41	1					
6-9		TR414 unit			45	144 2765 135	Front panel ass'y	AVC BLACK MODEL	1	★ 76	203 6564 000	4P PH-PH con.cord	CN46	1					
6-10		TR413 unit			46	341 0049 001	Catcher		1					1					
					47	421 0750 007	Mini damper		1	★ 77	204 2895 006	9P PH-PH con.cord	CN92	1					

PACKING VIEW

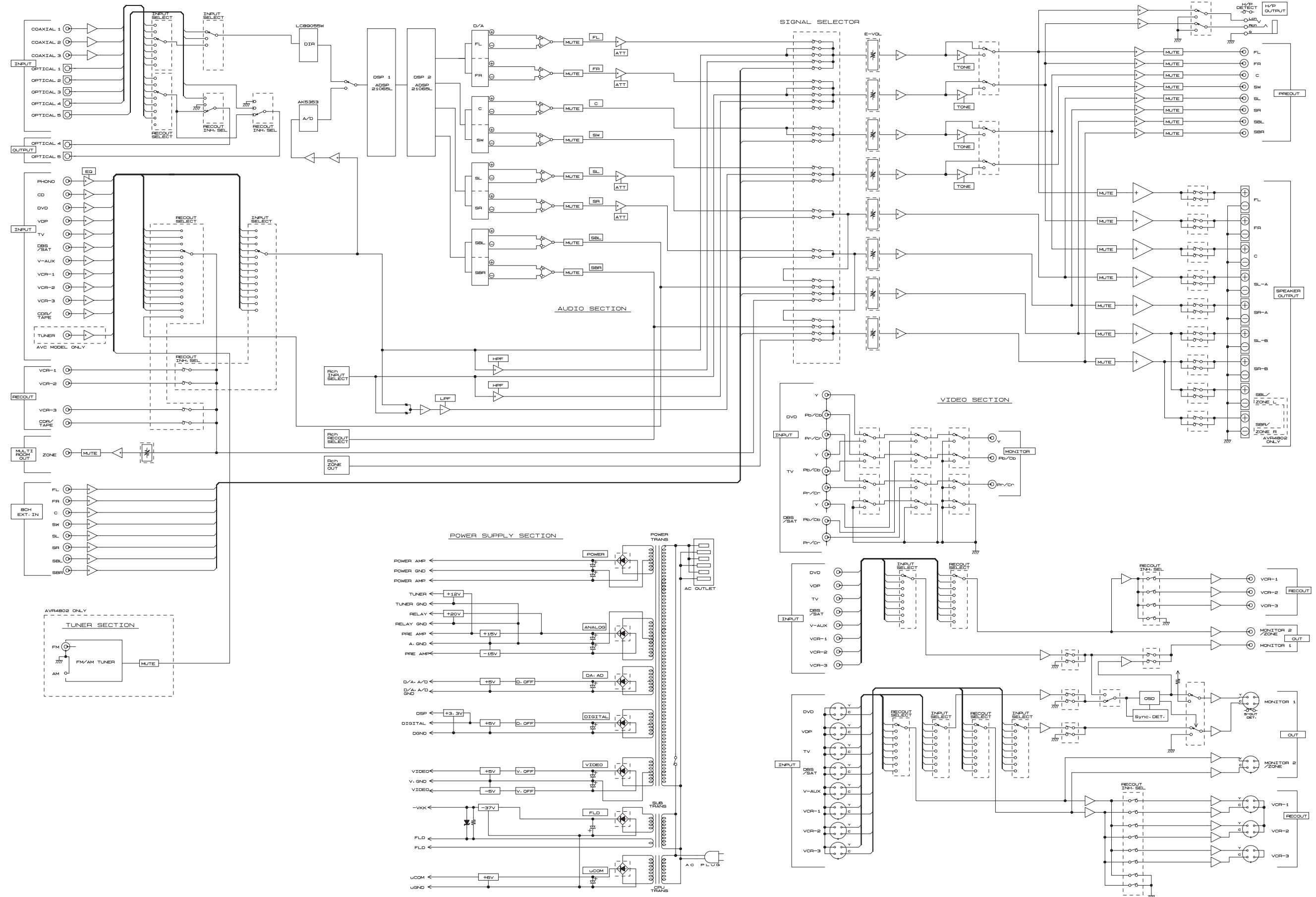


PARTS LIST OF PACKING & ACCESSORIES

Ref. No.	Part No.	Part Name	Remarks	Q'ty	Ref. No.	Part No.	Part Name	Remarks	Q'ty		
201	504 0192 106	Cabinet sheet		1	▲	213	206 2154 002	AC CORD WITH CONN	EUROPE, ASIA MODEL ONLY	1	
202	501 2139 016	Carton case	AVR MODEL ONLY	1	▲	213	206 2148 005	AC CORD(BS3P)	ASIA MODEL ONLY	1	
202	501 2139 032	Carton case	AVC MODEL ONLY	1	▲	213	206 2189 006	AC CORD(E1C)	CHINA MODEL ONLY	1	
203	501 1950 186	Spacer		2	▲	213	206 2180 005	KOREA AC CORD SET	KOREA MODEL ONLY	1	
204	503 1361 108	Cushion Ass'y		1	215	231 0922 009	Loop antenna	AVR MODEL ONLY	1		
206	505 8006 019	Envelope		1	216	395 0027 004	FM ant ass'y(F/ETRO)	AVR MODEL ONLY	1		
207	511 3770 002	Inst. Manual (EU)	AVR MODEL ONLY	1	218	—	Battery	AVR MODEL ONLY	4		
207	511 3827 007	Inst. Manual (EC)	CANADA MODEL ONLY	1	218	—	Battery	AVC MODEL ONLY	3		
207	511 3858 005	Inst. Manual (E2)	EUROPE MODEL ONLY	1	219	399 0623 109	RC-8000	AVR MODEL ONLY	1		
207	511 3859 004	Inst. Manual (E1)	ASIA, CHINA MODEL ONLY	1	219	399 0737 008	RC-899	AVC MODEL ONLY	1		
208	511 3672 003	Inst. manual(E3)	AVR MODEL ONLY	1	221	—	Bar code label		1		
209	511 3808 000	Inst.sheet(RC8000)	AVR MODEL ONLY	1	222	—	Cont.card		1		
211	515 0867 101	S.S.list(EX)		1	★	223	515 0627 105	DCI warranty home	CANADA MODEL ONLY	1	
212	515 0817 009	DEL warranty home	USA MODEL ONLY	1	★	224	513 9111 001	Color label (gold)	GOLD MODEL	2	
▲	213	206 2157 009	AC cord set (E3)	AVR&TAIWAN R.O.C. MODEL ONLY	1	★	225	513 3518 053	Carton label (C)	CHINA MODEL ONLY	
					★	226	513 3549 051	Carton label (T)	TAIWAN R.O.C. MODEL ONLY		

BLOCK DIAGRAM

1 2 3 4 5 6 7 8



A

B

C

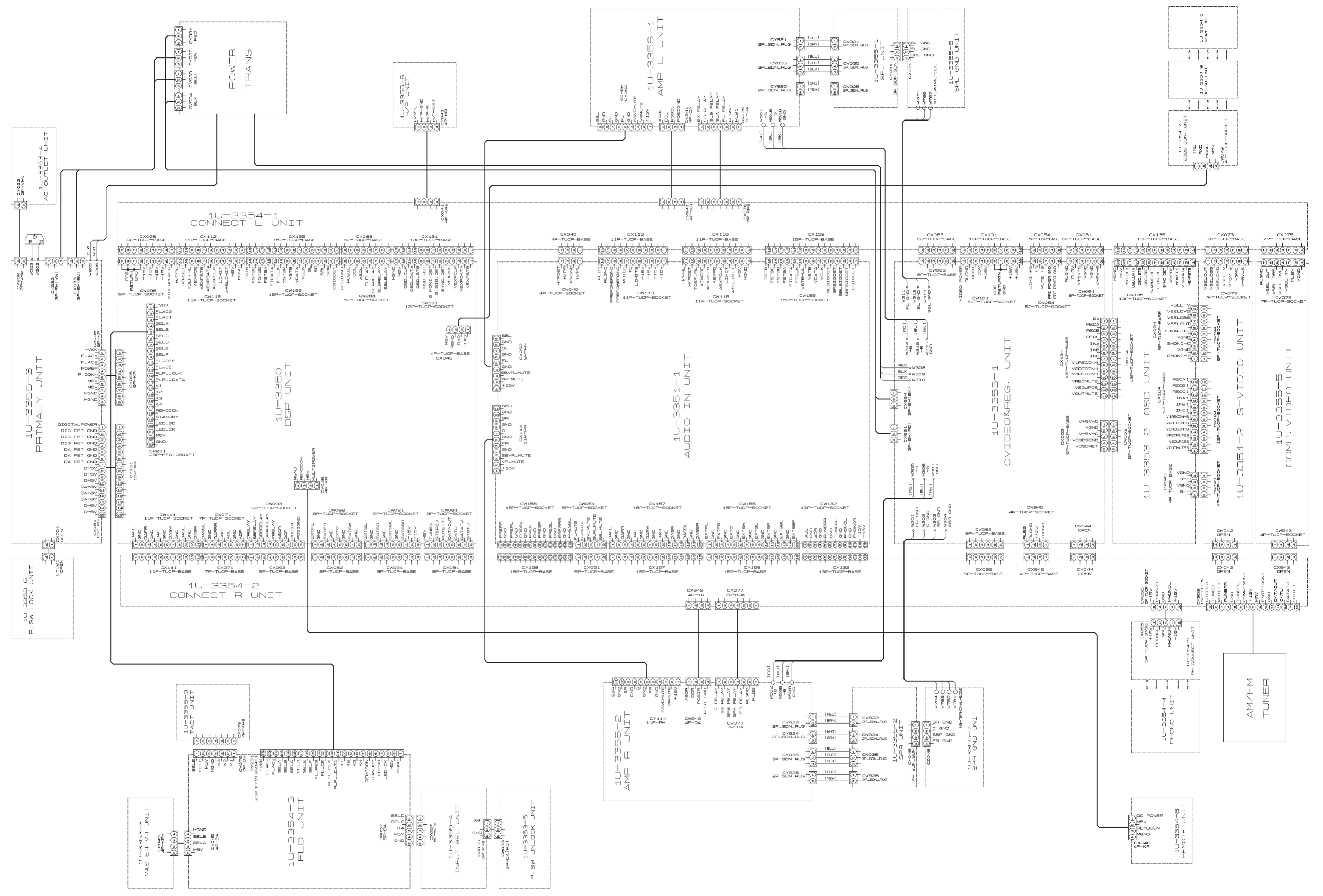
D

E

WIRING DIAGRAM

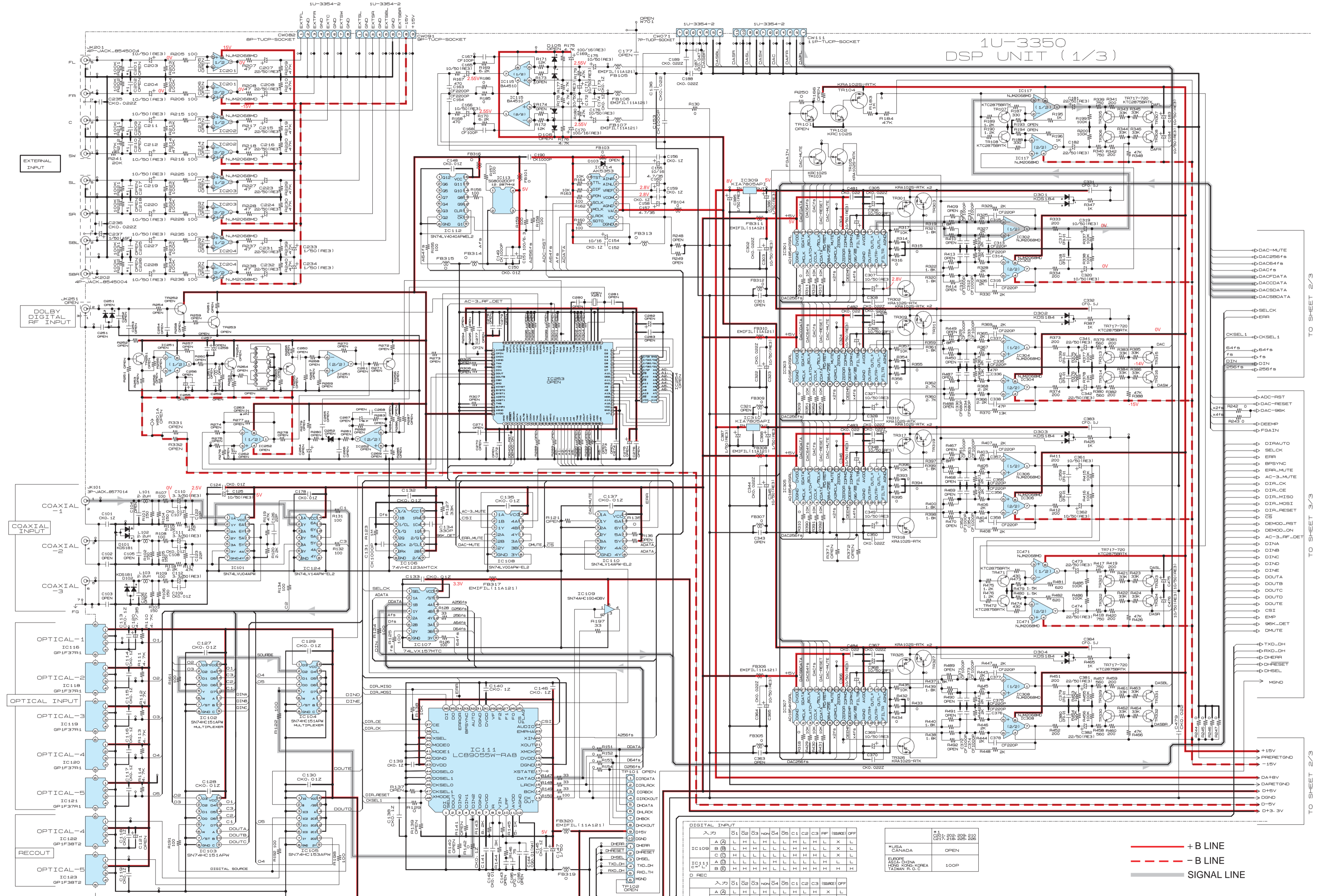
1 2 3 4 5 6 7 8 9 10 11

A
B
C
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G
H



SCHEMATIC DIAGRAMS (1/9)

1 2 3 4 5 6 7 8 9 10 11



EXTERNAL INPUT

DOLBY DIGITAL RF INPUT

COAXIAL INPUT 1

COAXIAL INPUT 2

COAXIAL INPUT 3

OPTICAL INPUT 1

OPTICAL INPUT 2

OPTICAL INPUT 3

OPTICAL INPUT 4

OPTICAL INPUT 5

RECOUT

1U-3350
DSP UNIT (1/3)

DIGITAL INPUT	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
IC100	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
IC111	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
IC130	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B

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 millamps, or if the resistance from chassis to either side of the power card is less than 460 kohms, the unit is defective.

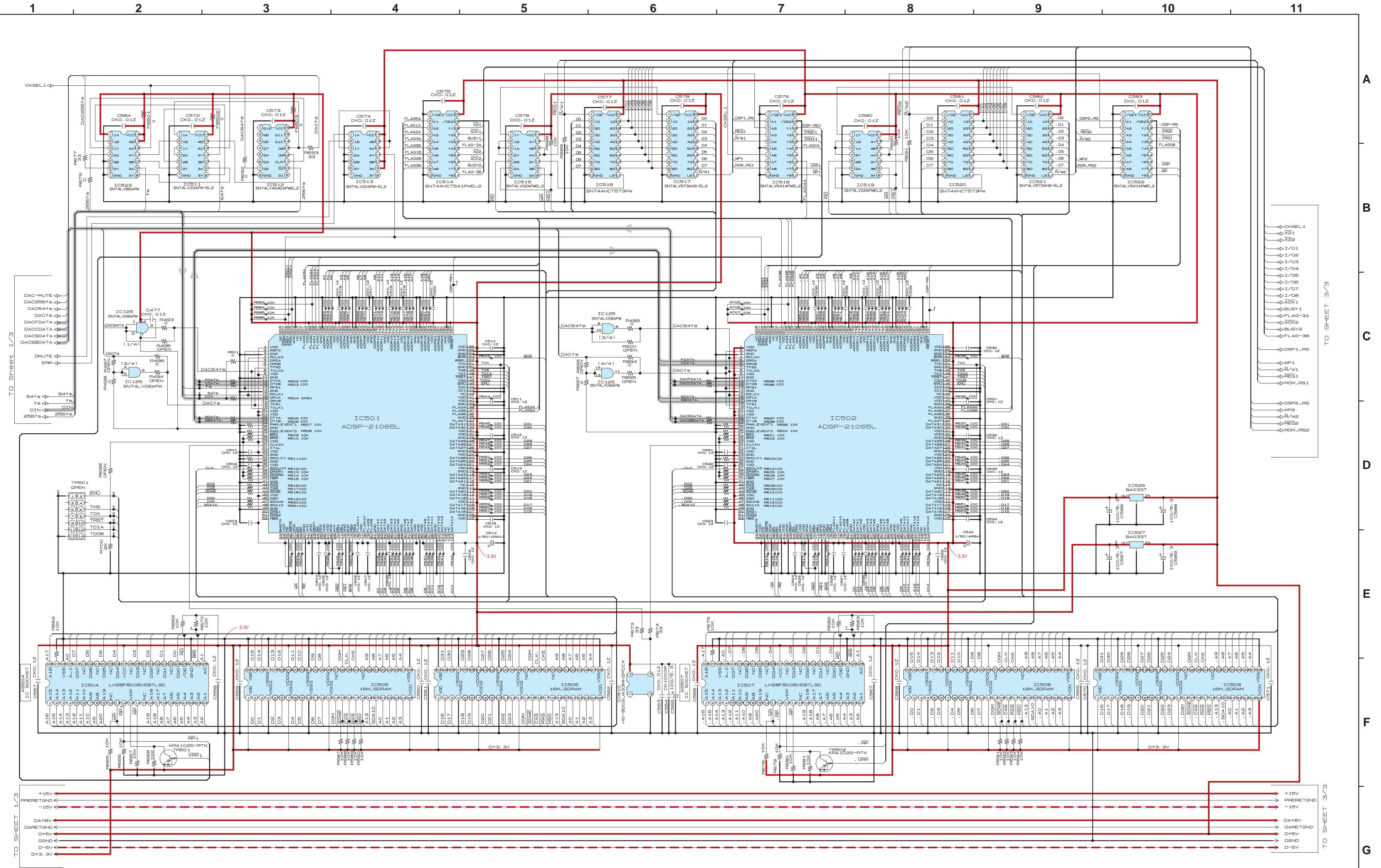
WARNING:
DO NOT return the unit to the customer until the problem is located and corrected.

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.

- DAC-MUTE
- DACS4fs
- DACfs
- DACDATA
- DACSDATA
- DACSDATA
- SELCK
- ERR
- CKSEL1
- CKSEL1
- fs
- fs
- DIN
- D56fs
- DAC-RST
- DAC-RESET
- DAC-96K
- DEEMF
- FGAIN
- DTRAUTO
- SELCK
- ERR
- BPSYNC
- EPR-MUTE
- AC-3MUTE
- DTR-CK
- DTR-CE
- DTR-MISO
- DTR-MOSI
- DTR-RESET
- CS
- DEMOD_RST
- DEMOD_ON
- DINA
- DINB
- DINC
- DIND
- DINE
- DOUTA
- DOUTB
- DOUTC
- DOUTD
- DOUTE
- CSI
- EMP
- 96K_DET
- DMUTE
- TXD_DH
- RXD_DH
- D-ERR
- D-RESSET
- CHSEL
- MGND
- +15V
- PRET_GND
- -15V
- DA+5V
- DA-5V
- D+3.3V
- D-3.3V

SCHEMATIC DIAGRAMS (1/9)
1U-3350 DSP UNIT (1/3)

SCHEMATIC DIAGRAMS (2/9)



1U-3350 DSP UNIT (2/3)

— + B LINE
--- - B LINE
— SIGNAL LINE

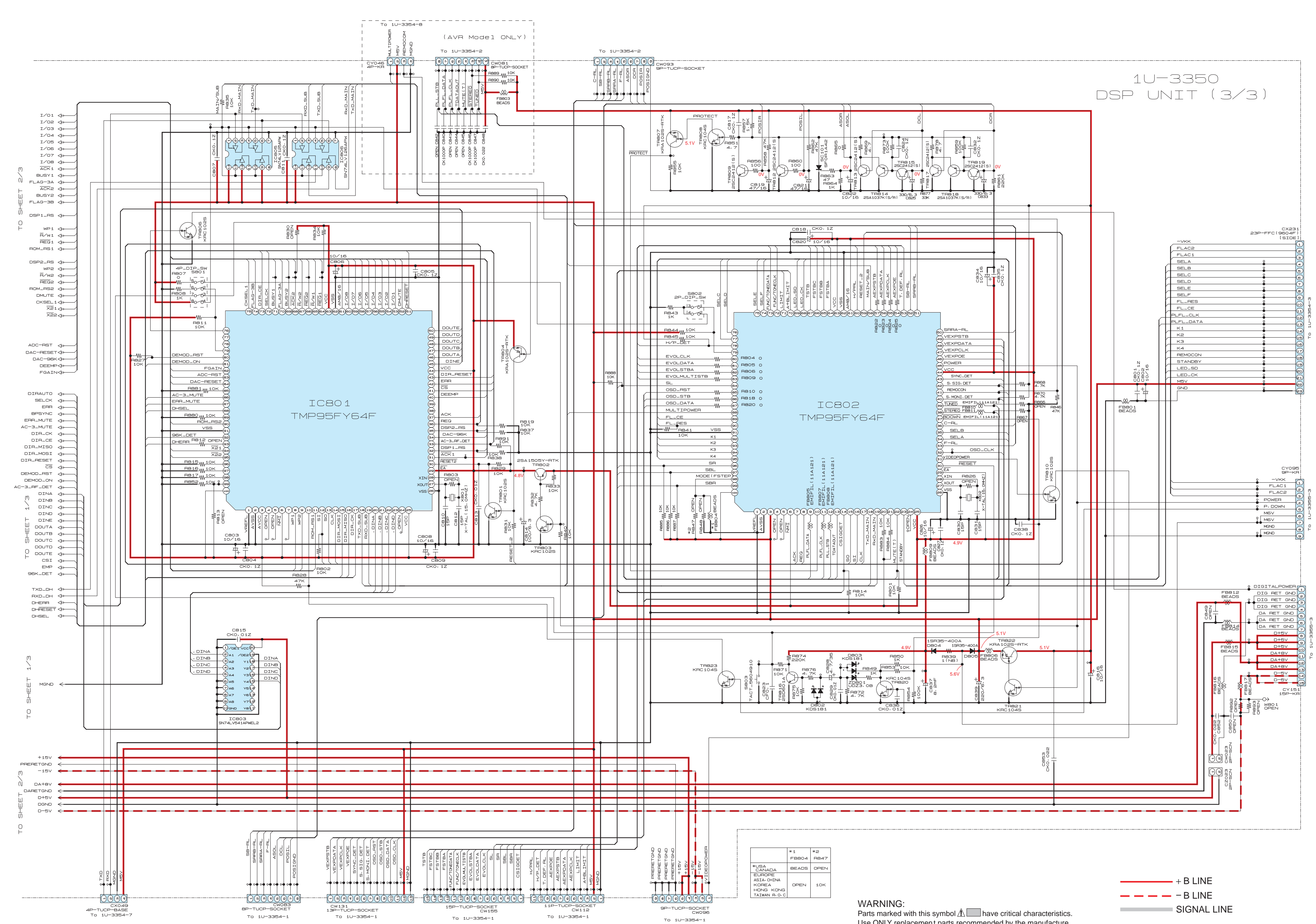
NOTICE
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 ALL CAPACITANCE VALUES IN MICRO FARAD. P=MICRO-MICRO FARAD
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 CIRCUIT AND PARTS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

WARNING:
 Parts marked with this symbol Δ 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 card is less than 460 kohms, the unit is defective.
WARNING:
 DO NOT return the unit to the customer until the problem is located and corrected.

SCHEMATIC DIAGRAMS (2/9) 1U-3350 DSP UNIT (2/3)

SCHEMATIC DIAGRAMS (3/9)

1 2 3 4 5 6 7 8 9 10 11



TO SHEET 2/3
 TO SHEET 1/3
 TO SHEET 1/3
 TO SHEET 2/3

A
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 C
 D
 E
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 G
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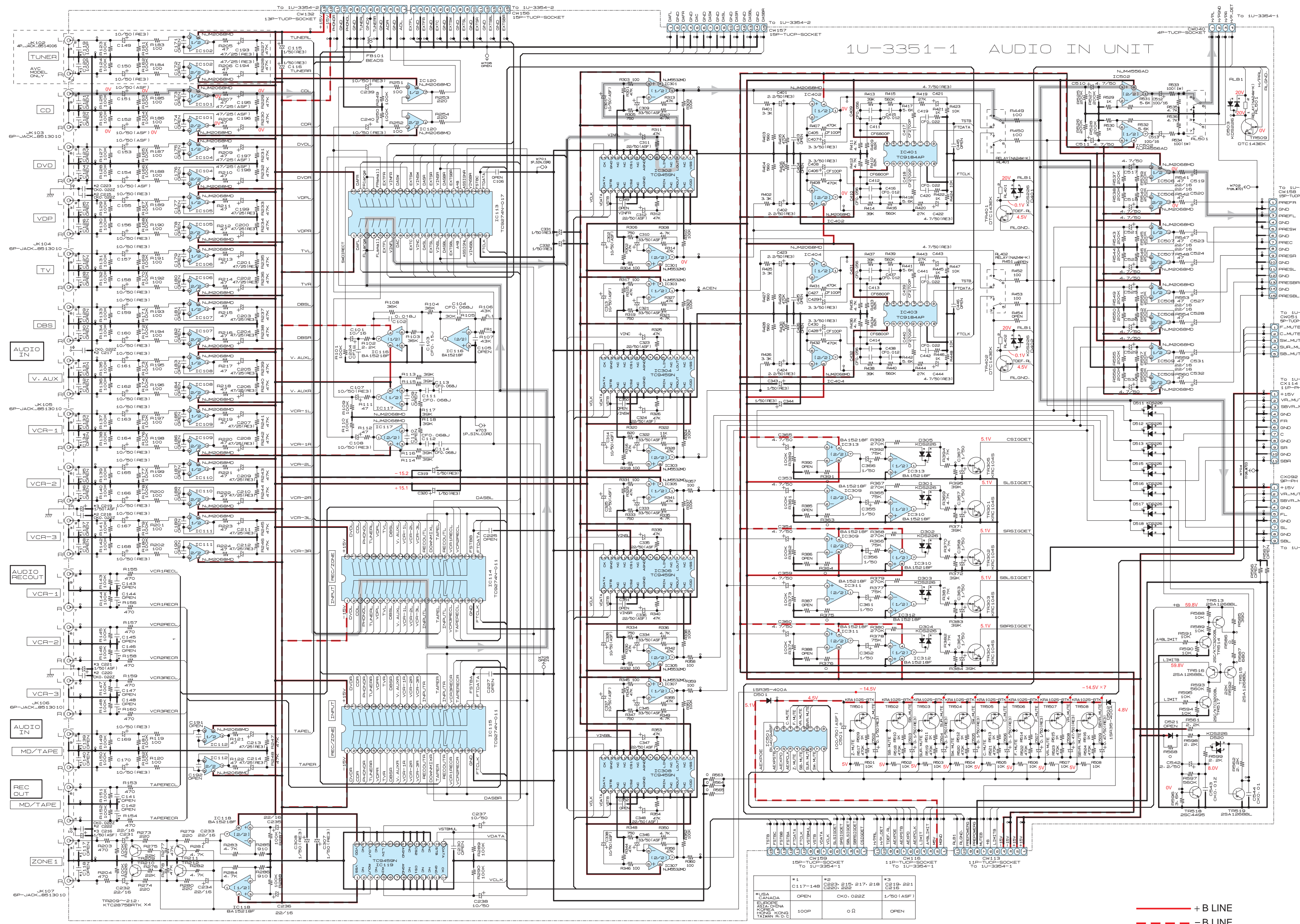
NOTICE
 ALL RESISTANCE VALUES IN OHM. k=1,000 OHM M=1,000,000 OHM
 ALL CAPACITANCE VALUES IN MICRO FARAD. P=MICRO-MICRO FARAD
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WARNING:
 DO NOT return the unit to the customer until the problem is located and corrected.

SCHEMATIC DIAGRAMS (3/9)
 1U-3350 DSP UNIT (3/3)

SCHEMATIC DIAGRAMS (4/9)

1 2 3 4 5 6 7 8 9 10 11



15P-TUCP-SOCKET TO 1U-3354-1	11P-TUCP-SOCKET TO 1U-3354-1	11P-TUCP-SOCKET TO 1U-3354-1
#1	#2	#3
USA	C117-148	C119-215
CANADA	OPEN	C119-217-218
EUROPE	OPEN	C119-221
RUSSIA	OPEN	C119-222
INDONESIA	OPEN	C119-223
INDONESIA	OPEN	C119-224
INDONESIA	OPEN	C119-225
INDONESIA	OPEN	C119-226
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INDONESIA	OPEN	C119-296
INDONESIA	OPEN	C119-297
INDONESIA	OPEN	C119-298
INDONESIA	OPEN	C119-299
INDONESIA	OPEN	C119-300

— + B LINE
- - - - B LINE
— SIGNAL LINE

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 millamps, or if the resistance from chassis to either side of the power cord is less than 460 kohms, the unit is defective.

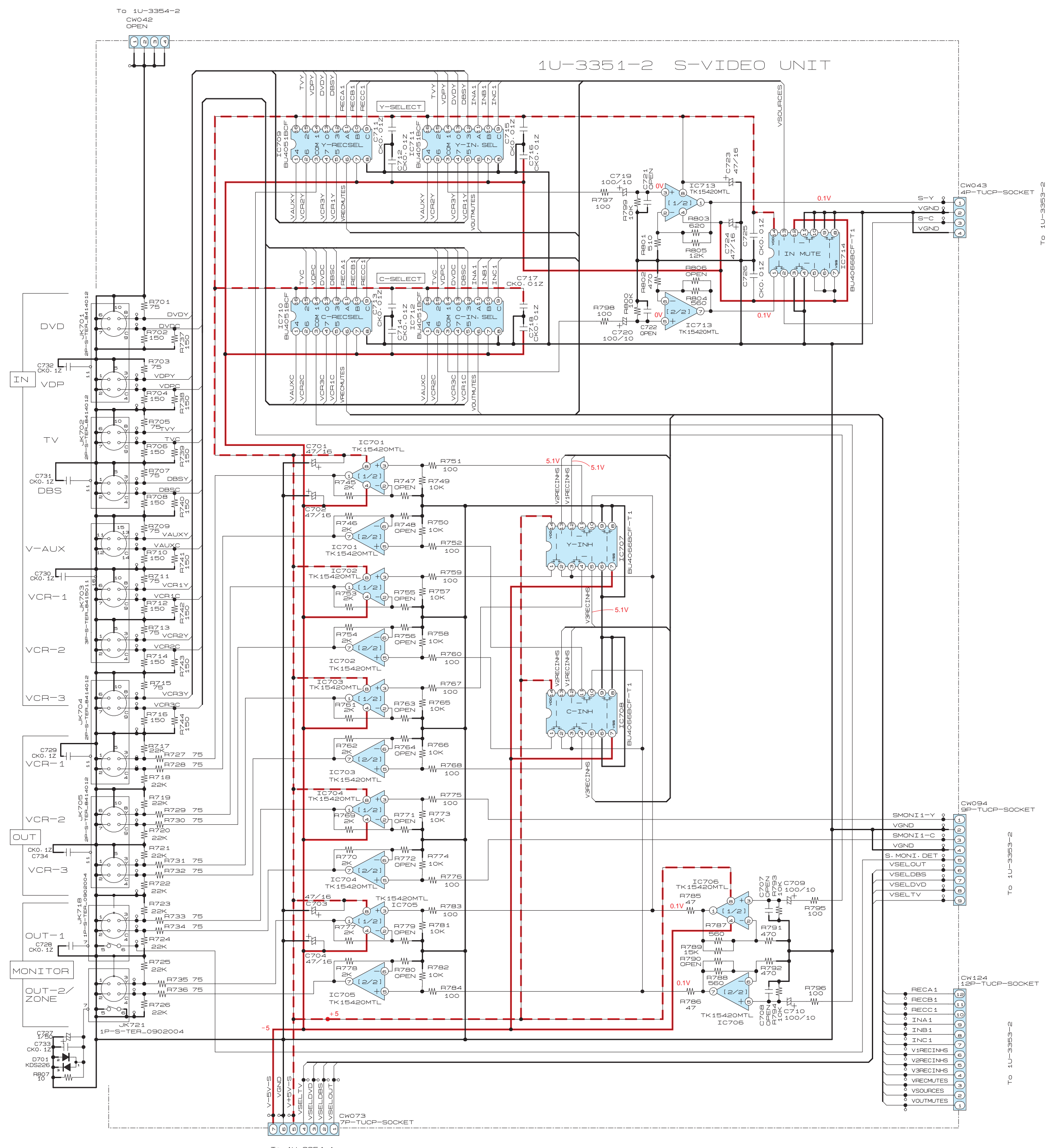
WARNING:
DO NOT return the unit to the customer until the problem is located and corrected.

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.

SCHEMATIC DIAGRAMS (4/9)
1U-3351 AUDIO IN UNIT

SCHEMATIC DIAGRAMS (5/9)

1 2 3 4 5 6 7 8 9 10 11



NOTICE
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 current exceeds 0.5 milliamps, or if the resistance from chassis to either side
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WARNING:
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 corrected.

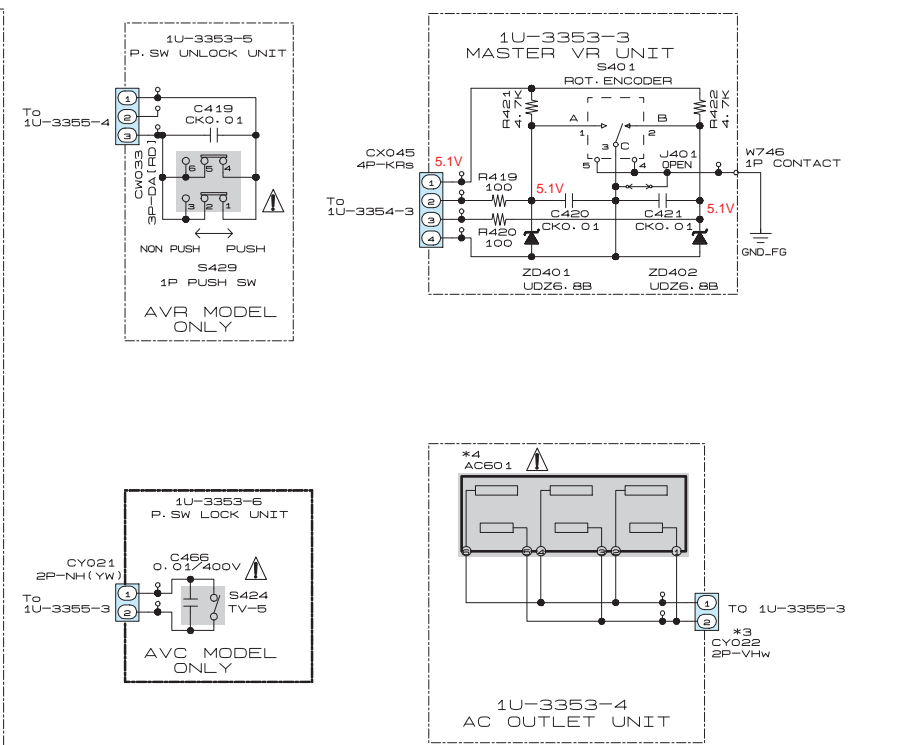
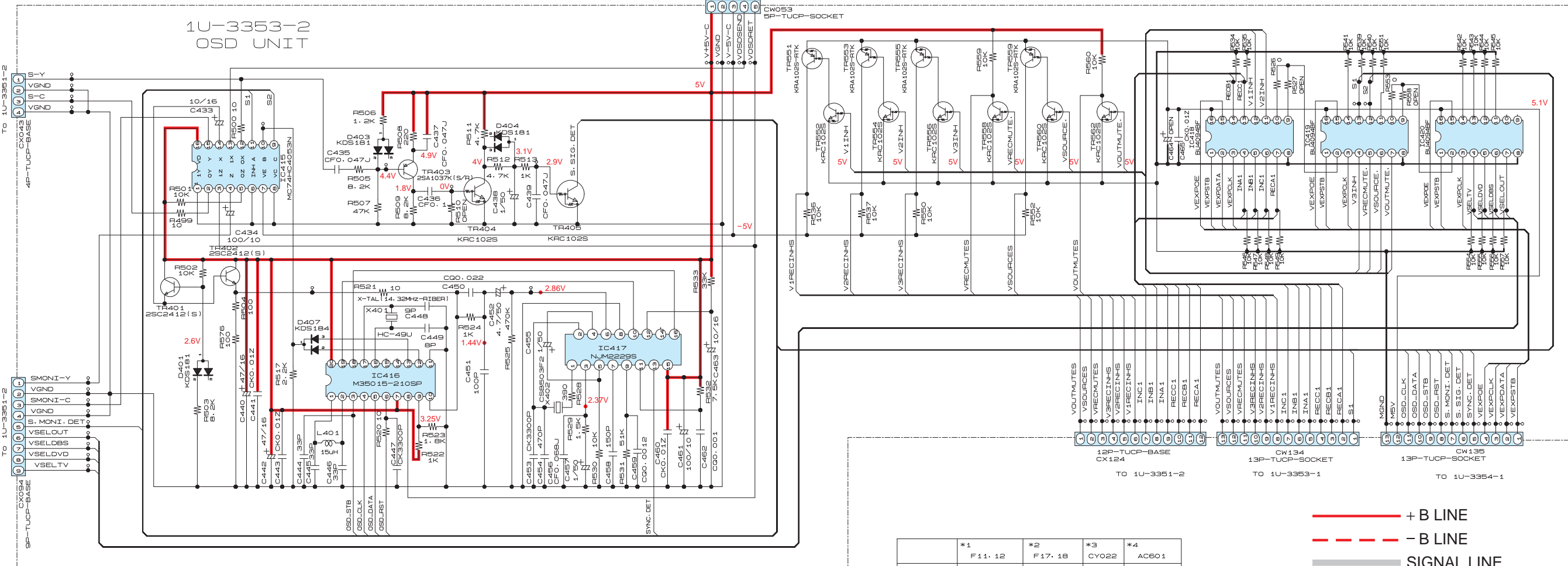
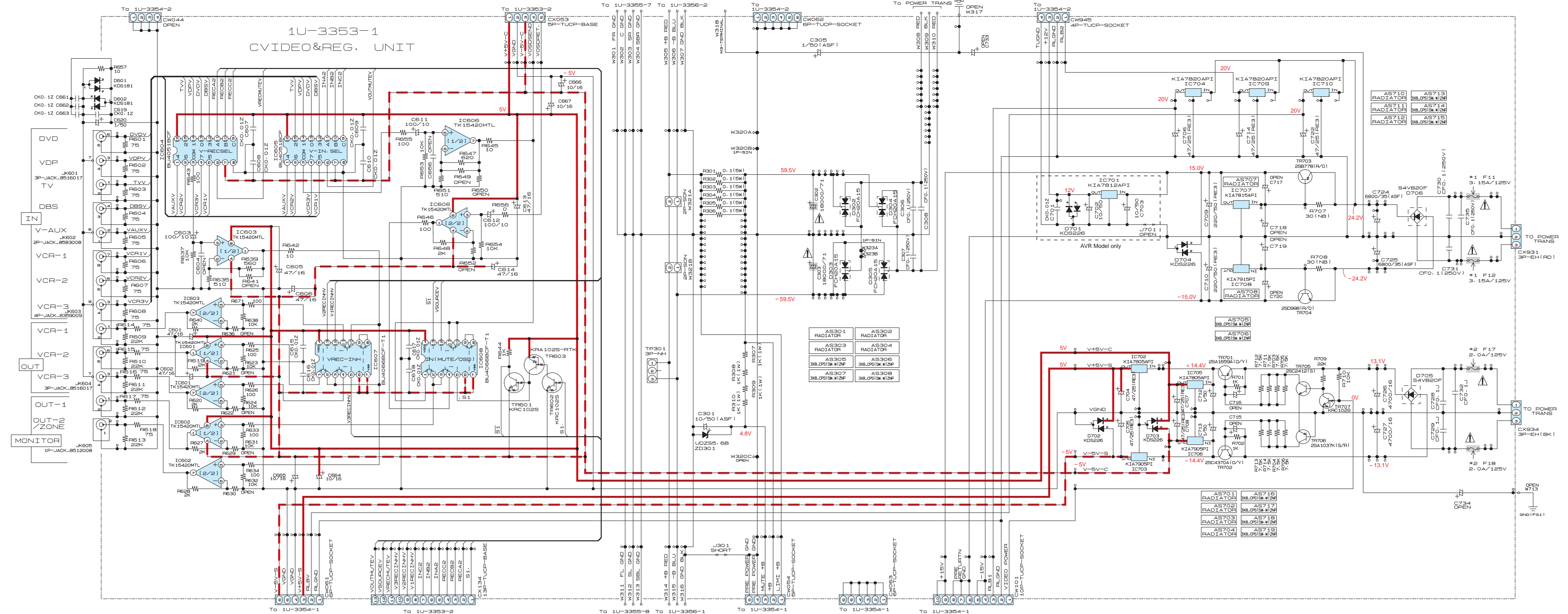
— + B LINE
 - - - - B LINE
 ——— SIGNAL LINE

SCHEMATIC DIAGRAMS (5/9)
 1U-3351-2 S-VIDEO UNIT

A
B
C
D
E
F
G
H

SCHEMATIC DIAGRAMS (6/9)

1 2 3 4 5 6 7 8 9 10 11



	*1	*2	*3	*4
USA	F11: 12	F17: 18	CV022	AC601
CANADA	3: 15A/125V	2: 0A/125V	2P-VH	AC OUTLET
EUROPE	3: 15A	T2: 0A	OPEN	OPEN
ASIA/CHINA	3: 15A/125V	2: 0A/125V	2P-VH	AC OUTLET
HONG KONG	3: 15A/125V	2: 0A/125V	2P-VH	AC OUTLET
TAIWAN R.O.C.	3: 15A/125V	2: 0A/125V	2P-VH	AC OUTLET

— + B LINE
— - B LINE
— SIGNAL LINE

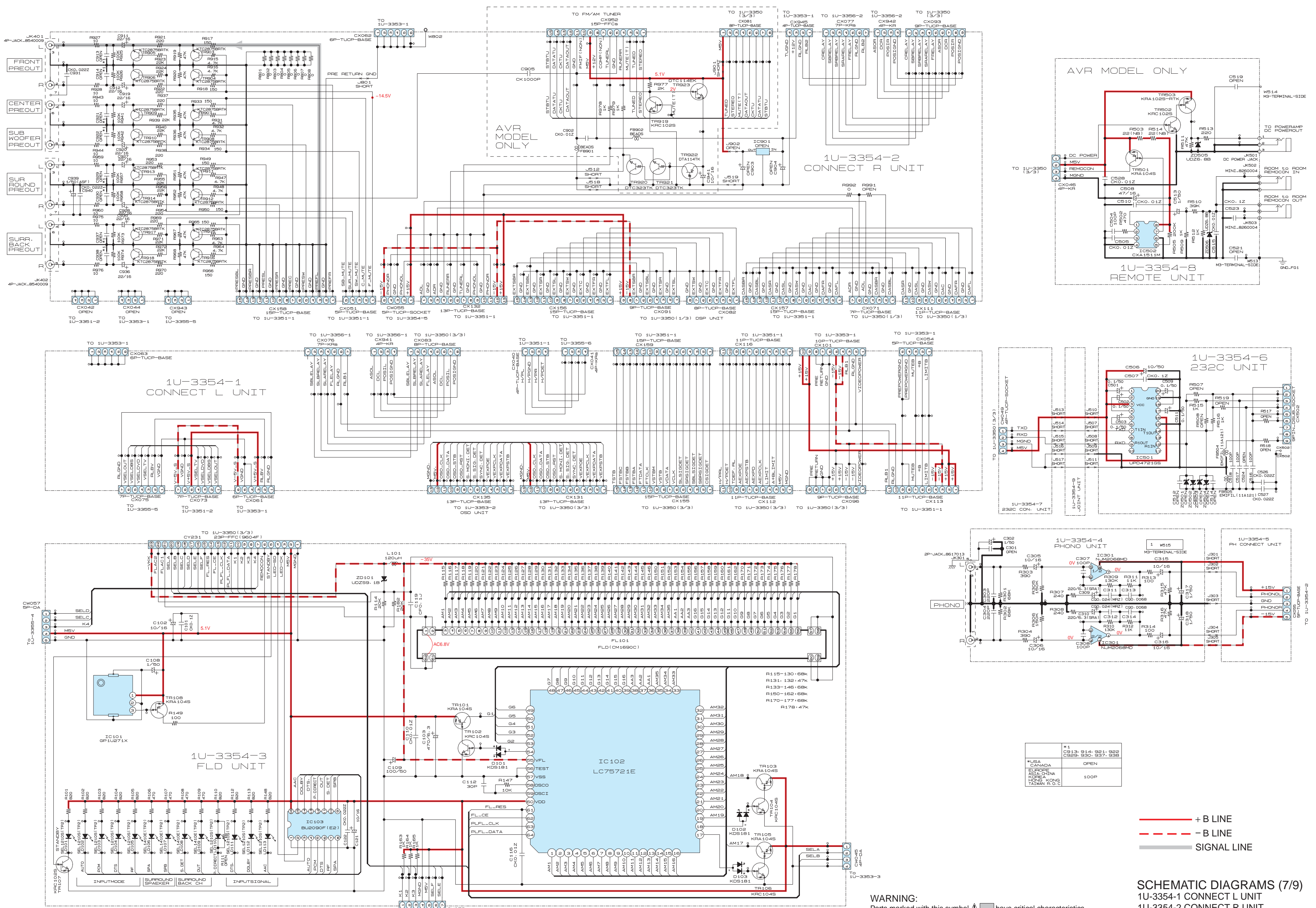
NOTICE
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CAUTION:
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WARNING:
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SCHEMATIC DIAGRAMS (6/9)
 1U-3353-1 C VIDEO & REG. UNIT
 1U-3353-2 OSD UNIT
 1U-3353-3 MASTER VR UNIT
 1U-3353-4 AC OUTLET UNIT
 1U-3353-5 P.S.W. UNLOCK UNIT
 1U-3353-6 P.S.W. LOCK UNIT (AVC MODEL ONLY)

SCHEMATIC DIAGRAMS (7/9)

1 2 3 4 5 6 7 8 9 10 11



A
B
C
D
E
F
G
H

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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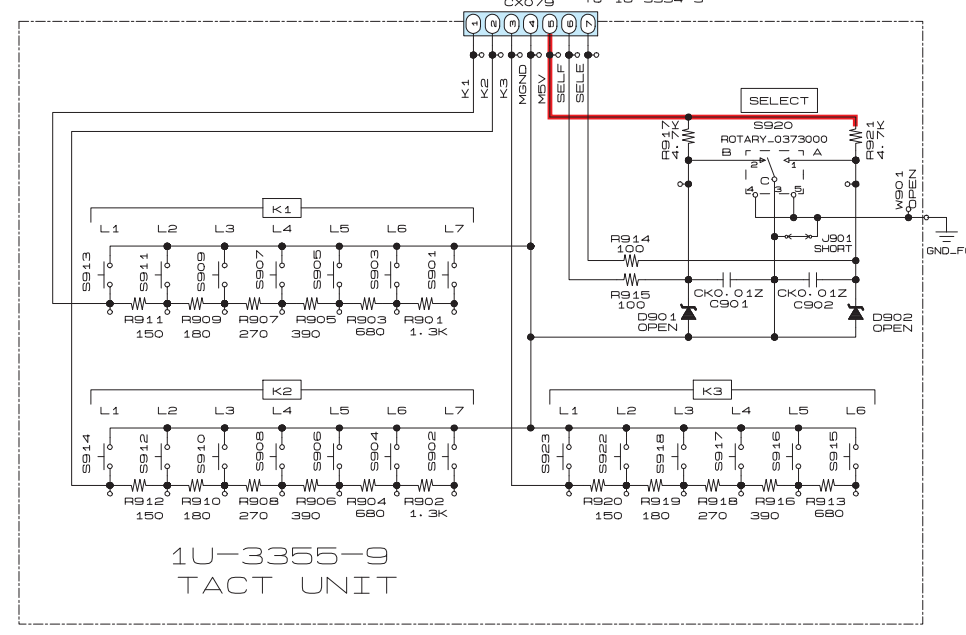
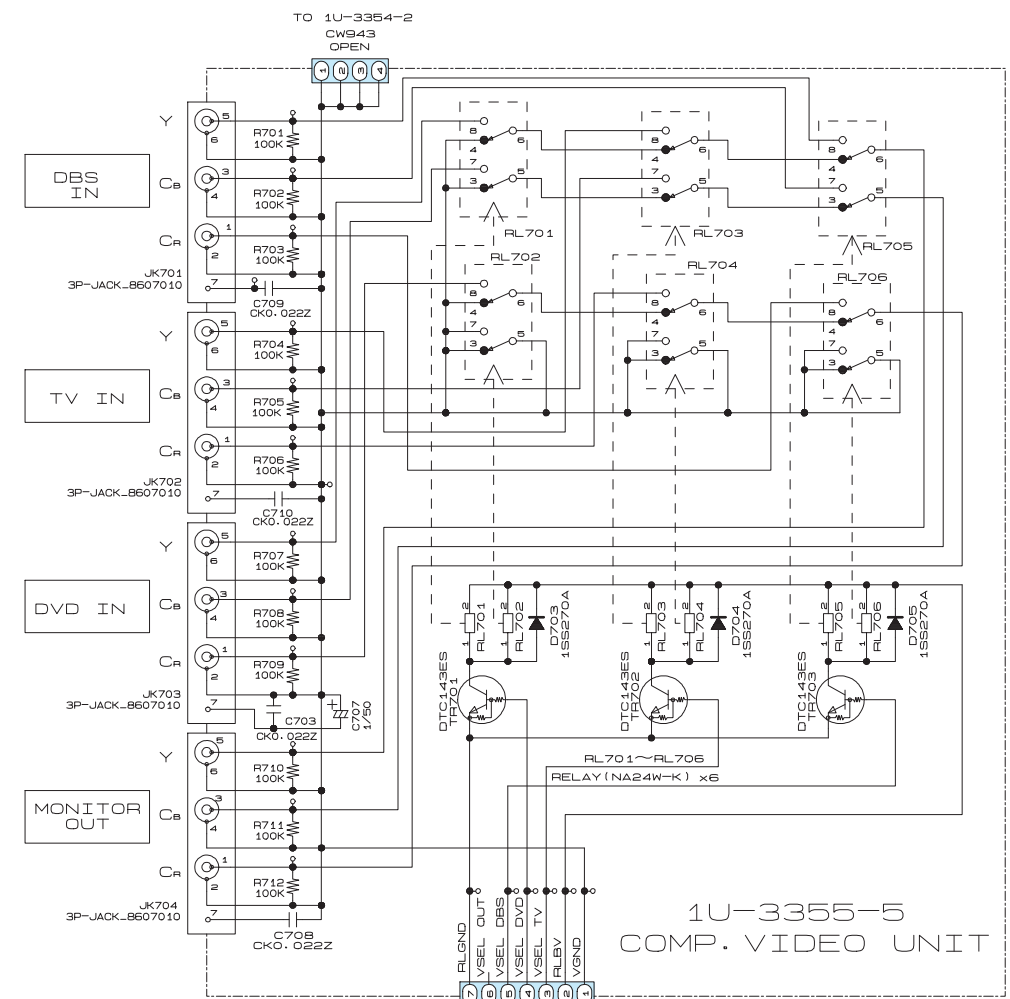
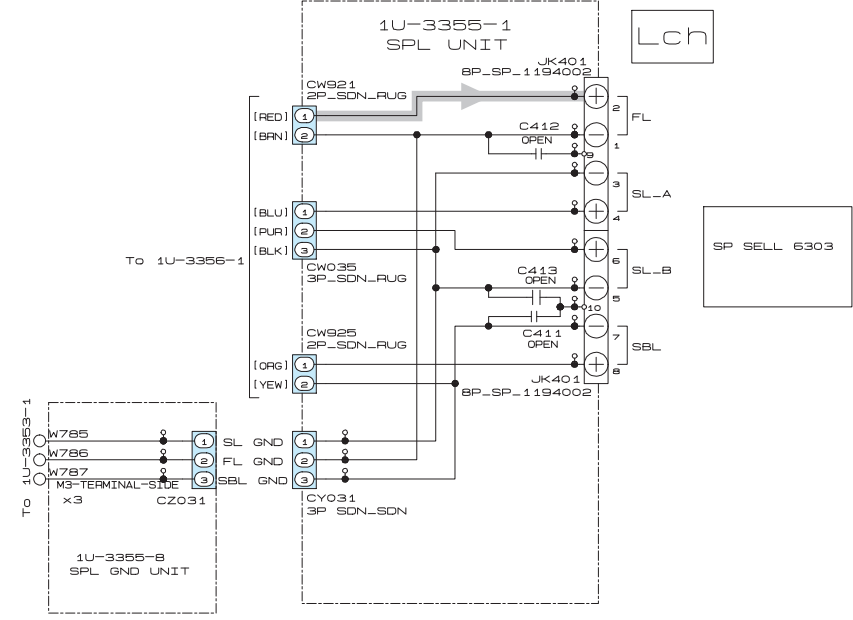
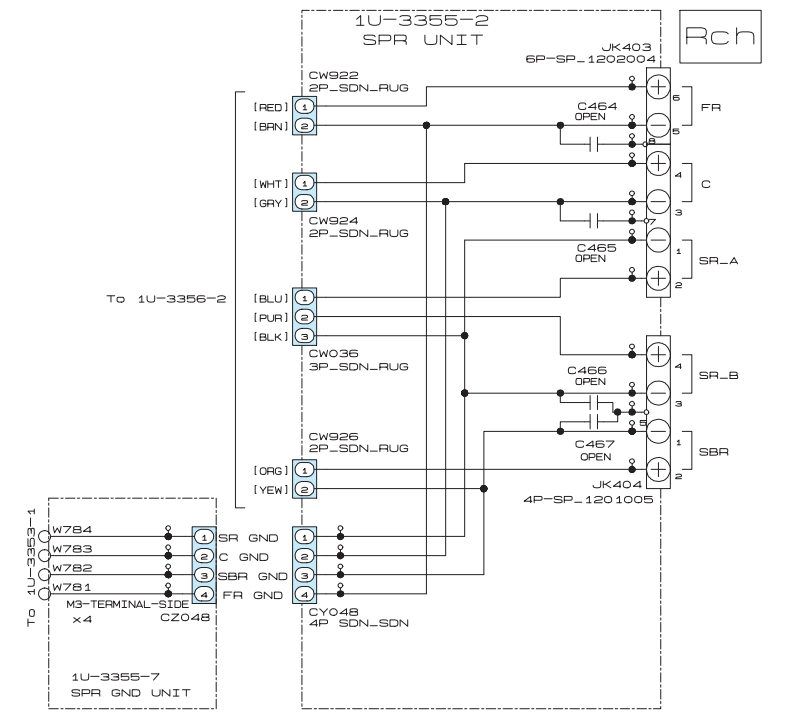
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WARNING:
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SCHEMATIC DIAGRAMS (7/9)
 1U-3354-1 CONNECT L UNIT
 1U-3354-2 CONNECT R UNIT
 1U-3354-3 FLD UNIT
 1U-3354-4 PHONO UNIT
 1U-3354-5 PH CONNECT UNIT
 1U-3354-6 232C UNIT
 1U-3354-7 232C CON. UNIT
 1U-3354-8 REMOTE UNIT
 1U-3354-9 JOINT UNIT

SCHEMATIC DIAGRAMS (8/9)

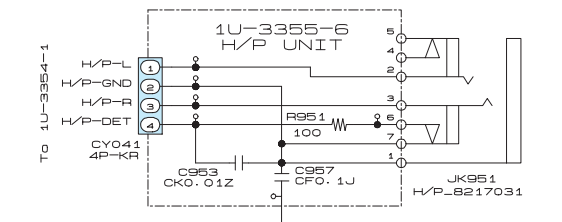
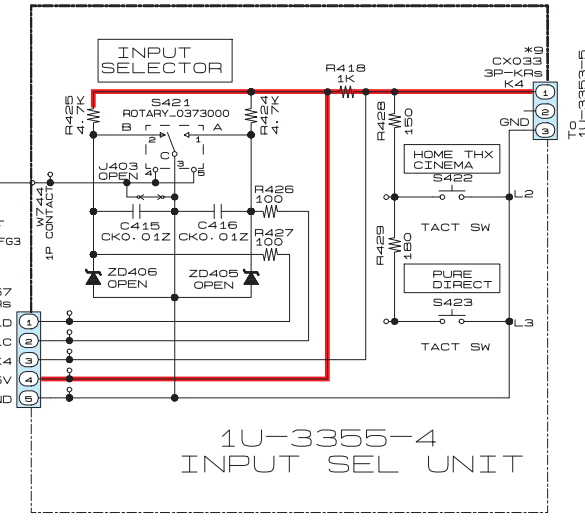
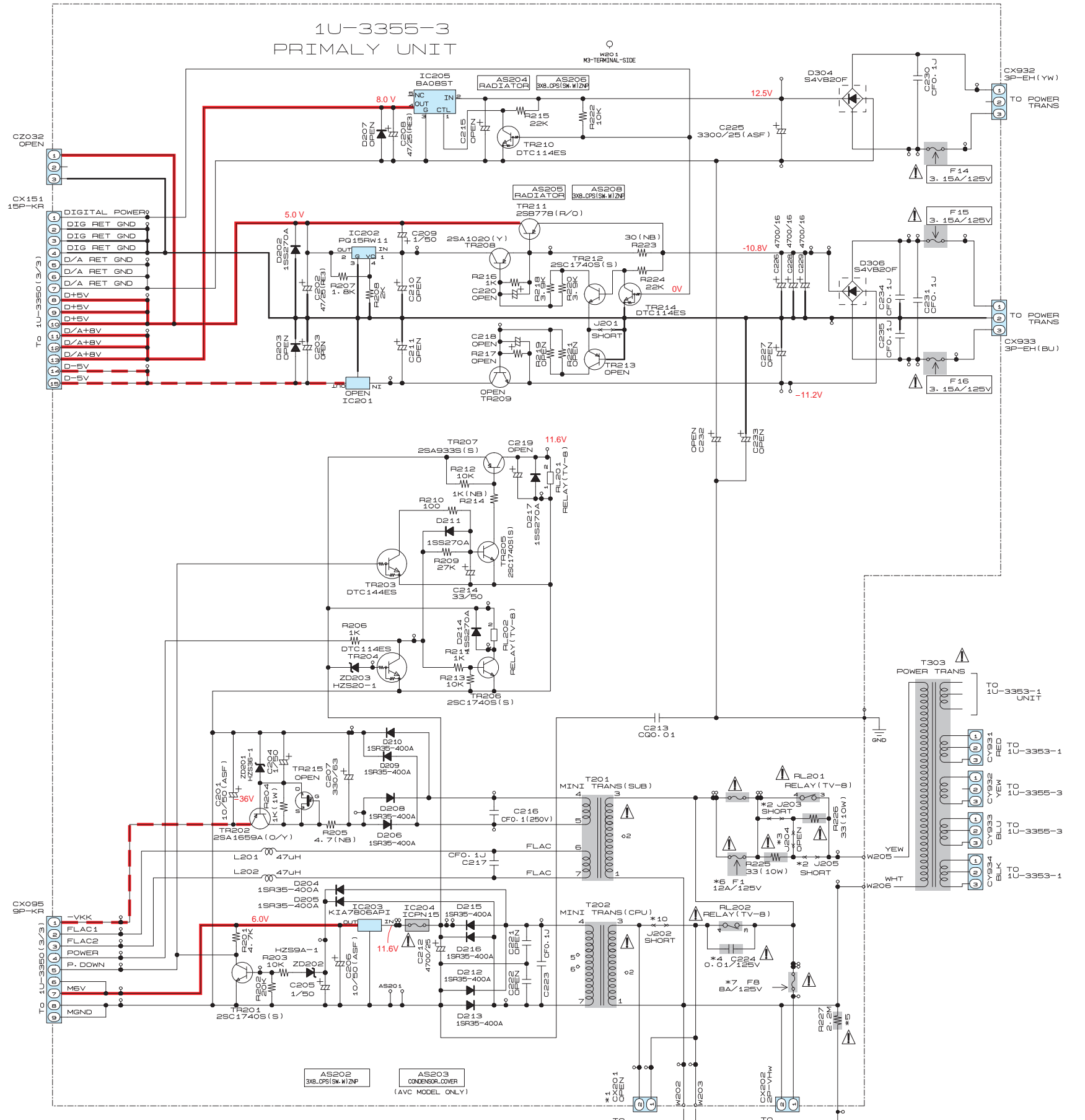
1 2 3 4 5 6 7 8 9 10 11



	L1	L2	L3	L4	L5	L6	L7
K1	S913	S911	S909	S907	S905	S903	S901
	STEREO	OLBY/DTS	WIDE SCREEN	5CH/7CH STEREO	DSP SIMULATION	TOE DEFEAT	DIMMER
K2	S914	S912	S910	S908	S906	S904	S902
	DIRECT	INPUT MODE	ANALOG	EXT. IN	CINEMA MUSIC	VIDEO SELECT	VIDEO OFF/ON
K3	S923	S922	S918	S917	S916	S915	S914
	SUPP. FREQ. METER	CH VOL. CONTROL	AVC MODEL TREBLE	STATUS	REC/MULTI	AVC MODEL RESET	AVC MODEL BASE
K4	S429	S428	S423				
	POWER	HOME CINEMA	PURE DIRECT				

PORT	DVD	TV	DBS	ts
DBS IN	L	L	H	L
TV IN	L	H	L	L
DVD IN	H	L	L	L
PORT	OUTPUT JACK			
	RCA-JACK	D-JACK		
OUT	L	H		

	*1	*2	*3	*4	*5	*6	*7	*8	*9	*10
USA CANADA	CX201	J203, 205	J204	C224	R227	F1	F8	F14, 15, 16	CX033	J202
MEXICO	OPEN	SHORT	OPEN	D, 0.1/125V	2, 2M	12A/125V	8A/125V	3, 15A/125V	3P-KR8	SHORT
HONG KONG	SP-VH (YK)	OPEN	SHORT	0.01/400V	OPEN	T6, 3A	T2, 5A	T3, 15A	OPEN	OPEN
TAIWAN R.O.C	SP-VH (YK)	SHORT	OPEN	D, 0.1/125V	OPEN	12A/125V	8A/125V	3, 15A/125V	OPEN	OPEN



+ B LINE
- B LINE
SIGNAL LINE

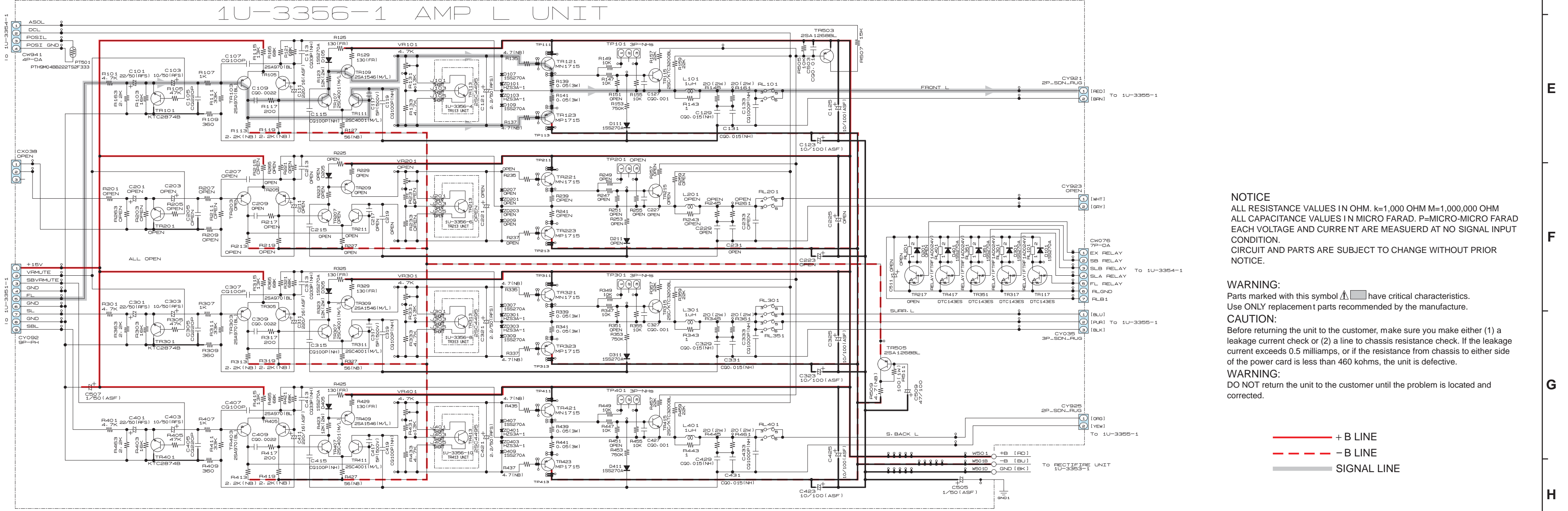
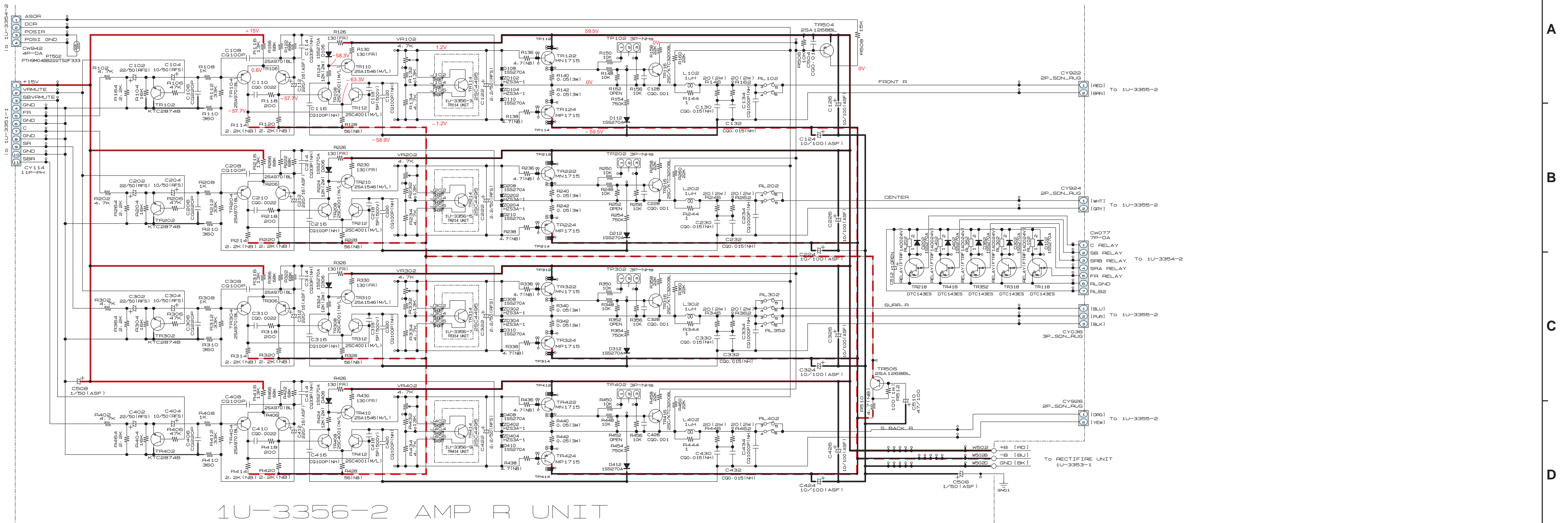
- SCHEMATIC DIAGRAMS (8/9)
- 1U-3355-1 SPL UNIT
 - 1U-3355-2 SPR UNIT
 - 1U-3355-3 PRIMARY UNIT
 - 1U-3355-4 INPUT UNIT
 - 1U-3355-5 COMP. VIDEO UNIT
 - 1U-3355-6 HIP UNIT
 - 1U-3355-7 SPR GND UNIT
 - 1U-3355-8 SPL GND UNIT
 - 1U-3355-9 TACT UNIT

NOTICE
ALL RESISTANCE VALUES IN OHM. k=1,000 OHM M=1,000,000 OHM
ALL CAPACITANCE VALUES IN MICROFARAD. P=MICRO-MICROFARAD
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 card is less than 460 kohms, the unit is defective.
WARNING:
DO NOT return the unit to the customer until the problem is located and corrected.

SCHEMATIC DIAGRAMS (9/9)

1 2 3 4 5 6 7 8 9 10 11



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 Δ have critical characteristics.
 Use ONLY replacement parts recommended by the manufacture.

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 milliamperes, or if the resistance from chassis to either side
 of the power card is less than 460 kohms, the unit is defective.

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

— + B LINE
 - - - - - B LINE
 ——— SIGNAL LINE