DENON

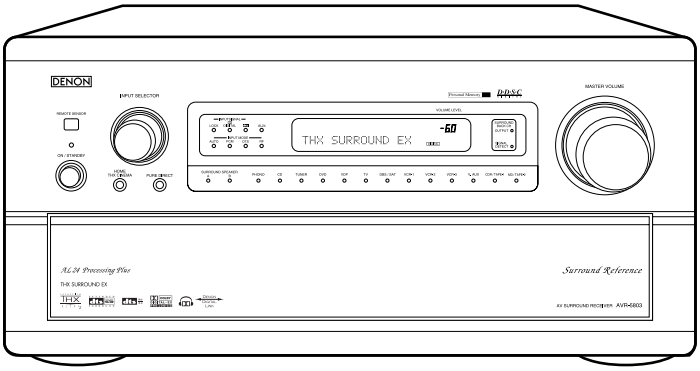
For U.S.A., Canada, Europe, Asia, China & Taiwan R.O.C. model

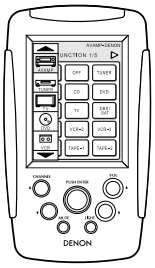
Hi-Fi Component

SERVICE MANUAL

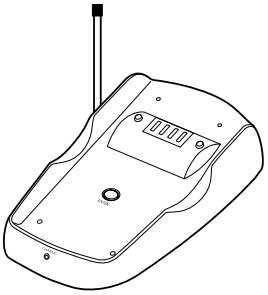
MODEL AVR-5803
MODEL AVC-A1SR

AV SURROUND RECEIVER / AMPLIFIER





Charger Base Station
AVR-5803 model only



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

DENON, Ltd.

16-11, YUSHIMA 3-CHOME, BUNKYOU-KU, TOKYO 113-0034 JAPAN
Telephone: 03 (3837) 5321

X0142 1174 NC 0204

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:	Stereo (2 ch driven)	
(All properties shown are only for the power amplifer stage.)	170 W + 170 W (8 Ω/ohms, 20 Hz ~ 20 kHz with 0.05 % T.H.D.)	
	200 W + 200 W (6 Ω/ohms, 20 Hz ~ 20 kHz with 0.05 % T.H.D.)	
Dynamic power:	190 W × 2 ch (8 Ω/ohms)	
	310 W × 2 ch (4 Ω/ohms)	
	390 W × 2 ch (2 Ω/ohms)	
Output terminals:	Front/Center:	6~16 Ω/ohms
	Surround: A or B	6 ~ 16 Ω/ohms
	A + B	8~ 16 Ω/ohms

Analog:

Input sensitivity/input impedance:	200 mV/47 kΩ/kohms
Frequency response:	10 Hz ~ 100 kHz: +0, –3 dB (DIRECT mode)
S/N:	105 dB (DIRECT mode)
Distortion:	0.005 % (20 Hz ~ 20 kHz) (DIRECT mode)
Rated output/maximum output:	1.2 V/8 V

Digital:

D/A output:	Rated output — 2 V (at 0 dB playback)
	Total harmonic distortion — 0.003 % (1 kHz, at 0 dB)
	S/N ratio — 115 dB
	Dynamic range — 112 dB
Digital input:	Format — Digital audio interface

Phono equalizer (PHONO input — REC OUT):

Input sensitivity:	2.5 mV
RIAA deviation:	±1 dB (20 Hz to 20 kHz)
Signal-to-noise ratio:	74 dB (A weighting, with 5 mV input)
Rated output/Maximum output:	150 mV/8V
Distortion factor:	0.03 % (1 kHz, 3 V)

Video Section

Standard video jacks

Input/output level and impedance:	1 Vp-p, 75 Ω/ohms
Frequency response:	5 Hz ~ 10 MHz — +0, –3 dB

S-video jacks

Input/output level and impedance:	Y (brightness) signal — 1 Vp-p, 75 Ω/ohms
	C (color) signal — 0.286 Vp-p, 75 Ω/ohms
Frequency response:	5 Hz ~ 10 MHz — +0, –3 dB

Color component video terminal:

Input/output level and impedance:	Y (brightness) signal — 1 Vp-p, 75 Ω/ohms
	Cb (blue) signal — 0.7 Vp-p, 75 Ω/ohms
	Cr (red) signal — 0.7 Vp-p, 75 Ω/ohms
Frequency response:	DC ~ 30 MHz — +0, –3 dB

Tuner Section (AVR-5803 only)

	[FM] (note: µV at 75 Ω/ohms, 0 dBf = 1 × 10^{-15} W)	**[AM]**
Receiving range:	87.5 MHz ~ 107.9 MHz	520 kHz ~ 1710 kHz
Usable sensitivity:	1.0 µV (11.2 dBf)	18 µV
50 dB Quieting sensitivity:	MONO 1.6 µV (15.3 dBf)	
	STEREO 23 µV (38.5 dBf)	
Signal to Noise Ratio (IHF-A):	MONO 80 dB	50 dB
	STEREO 75 dB	
Total Harmonic Distortion (at 1 kHz):	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)
	AC 220 V, 50 Hz (China model)
Power consumption:	12 A (U.S.A., & Canada model)
	720 W (Europe, Asia & China model)
	670 W (Taiwan R.O.C. model)
Maximum external dimensions:	434 (W) × 216 (H) × 486 (D) mm (17-3/32″ × 8-1/2″ × 19-9/64″)
Mass:	29 kg (61 lbs 11.7 oz)

Remote Control Unit (RC-8000) AVR-5803 model / (RC-871) AVC-A1SR model

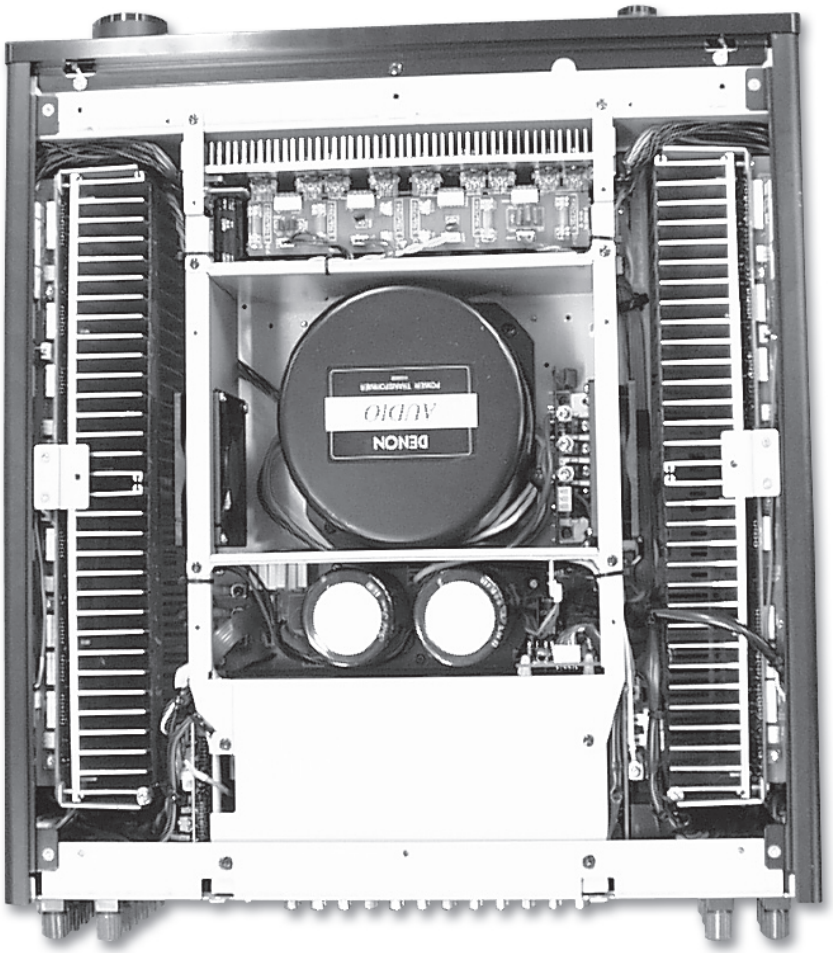
Batteries:	LR6/AA Type (four batteries)
External dimensions:	96 (W) × 38 (H) × 168.5 (D) mm (3-25/32″ × 1-1/2″ × 6-41/64″)
Mass:	242 g (Approx. 8.5 oz) (not including batteries)

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

WIRE ARRANGEMENT

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

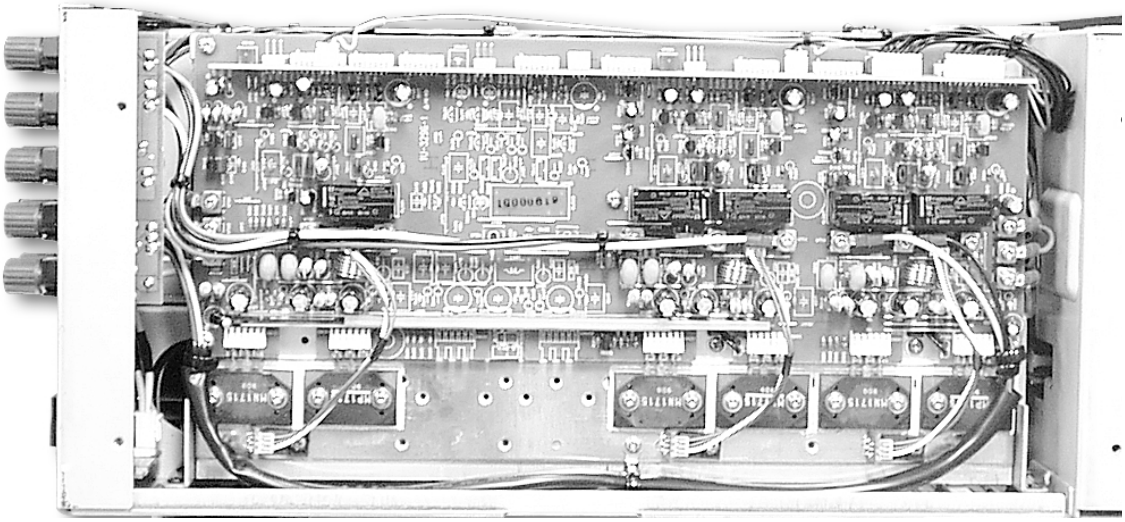
Wire arrangement viewed from the top



Front Panel side

Back Panel side

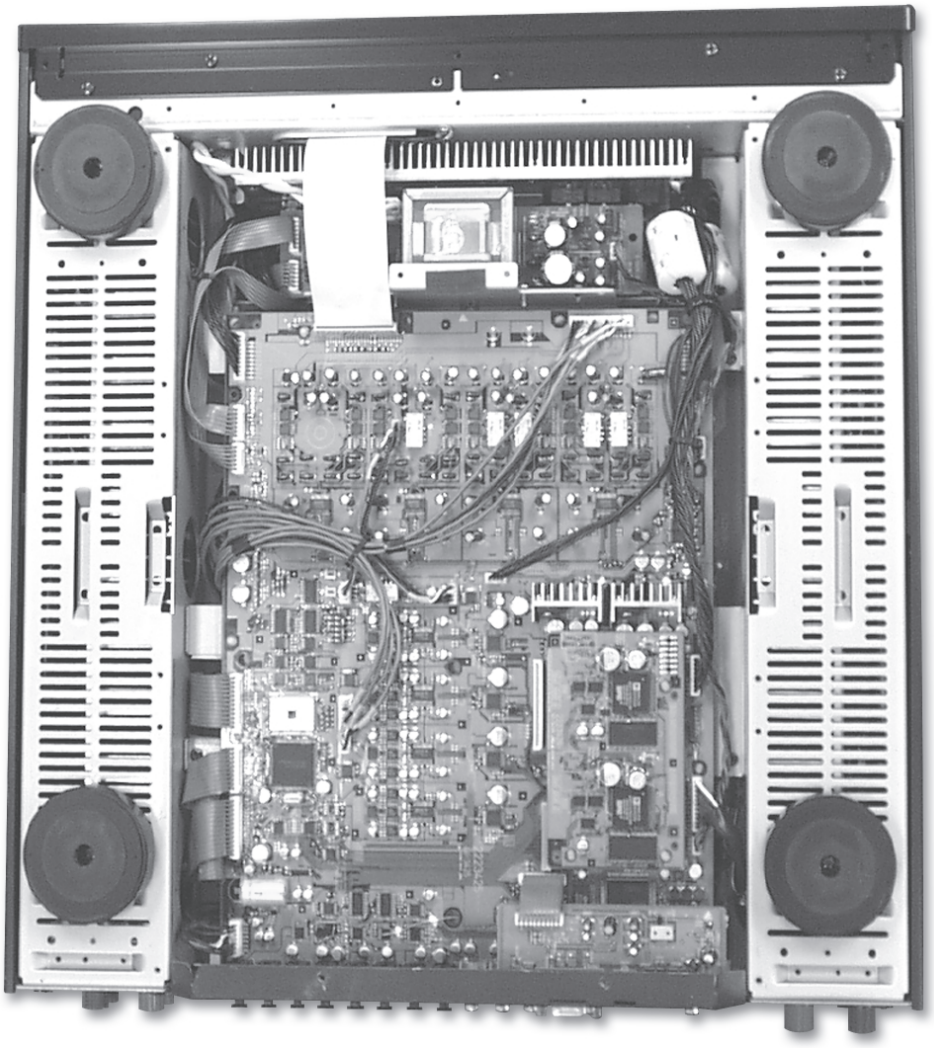
Wire arrangement viewed from the side (left)



Back Panel side

Front Panel side

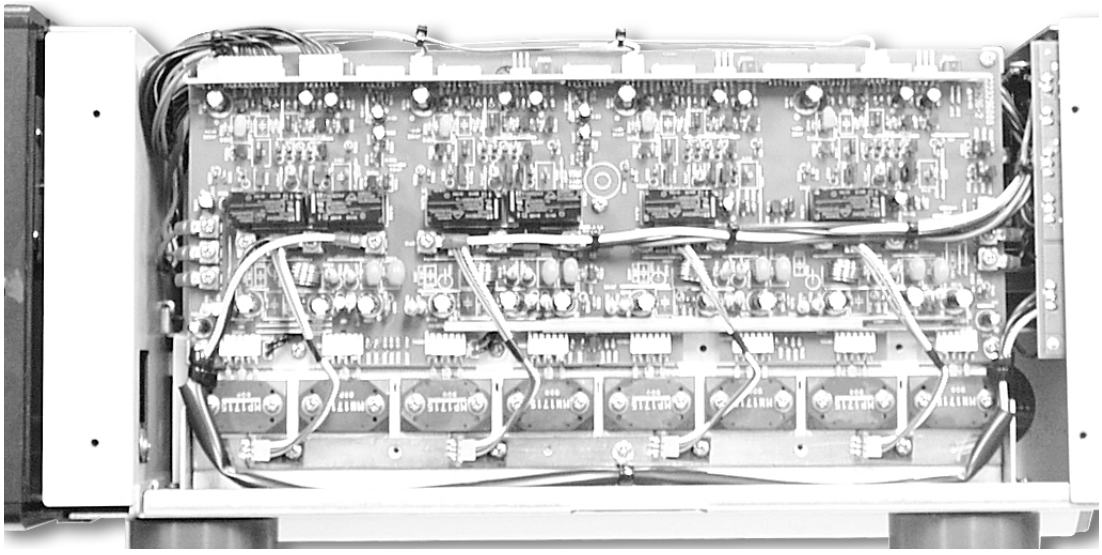
Wire arrangement viewed from the bottom



Front Panel side

Back Panel side

Wire arrangement viewed from the side (right)



Front Panel side

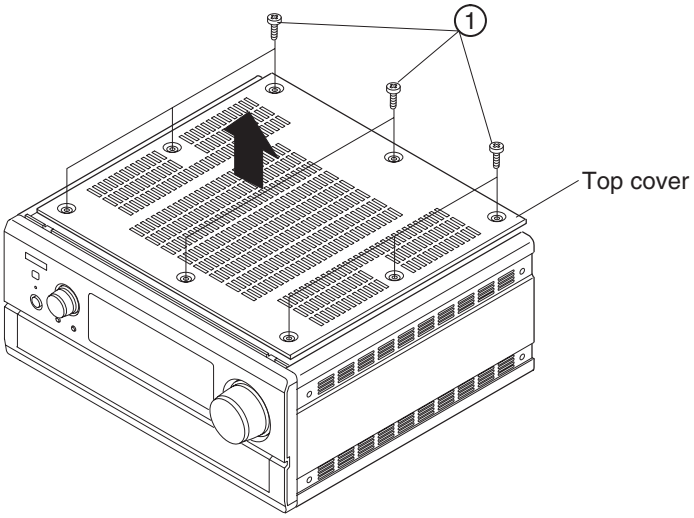
Back Panel side

DISASSEMBLY

(Follow the procedure below in reverse order when reassembling)

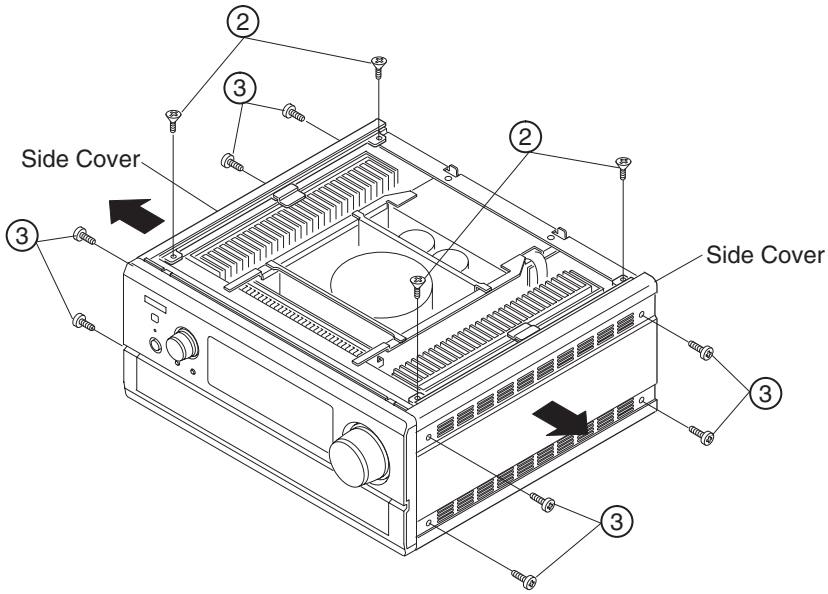
Top Cover

1. Remove 8 screws (1) on the top.
2. Detach the Top Cover as shown in the arrow direction.



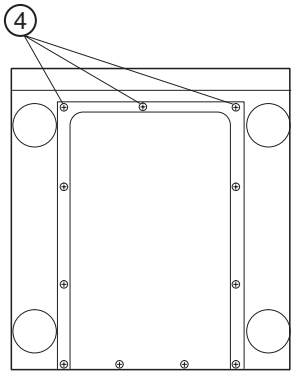
Side Cover

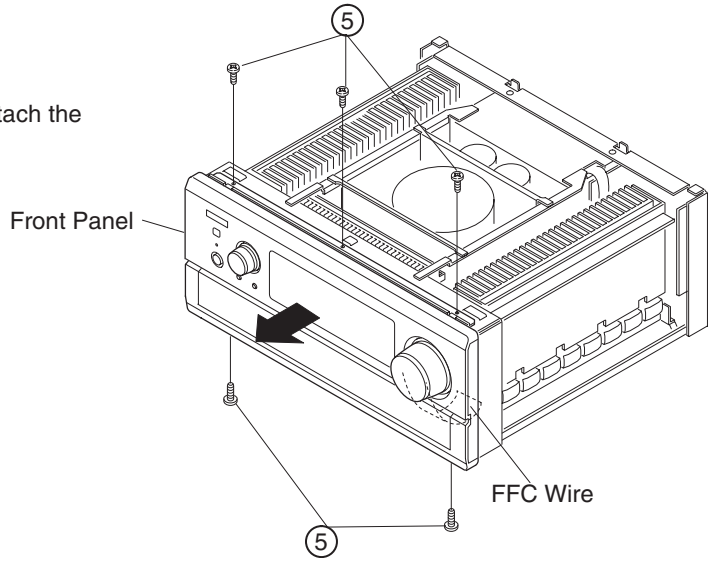
Remove 4 screws (2) and 8 screws (3).



Front Panel

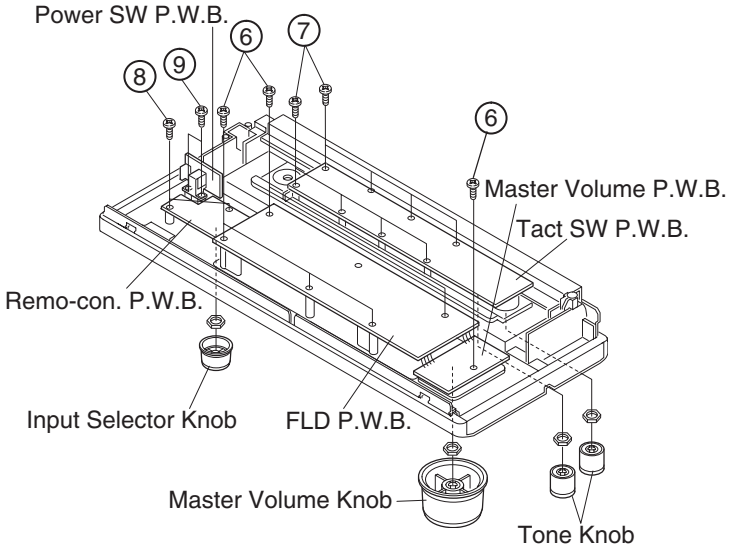
1. Remove 3 screws (4).
2. Remove 5 screws (5).
3. Disconnect FFC wire from its connector, and detach the Front Panel in the arrow direction.





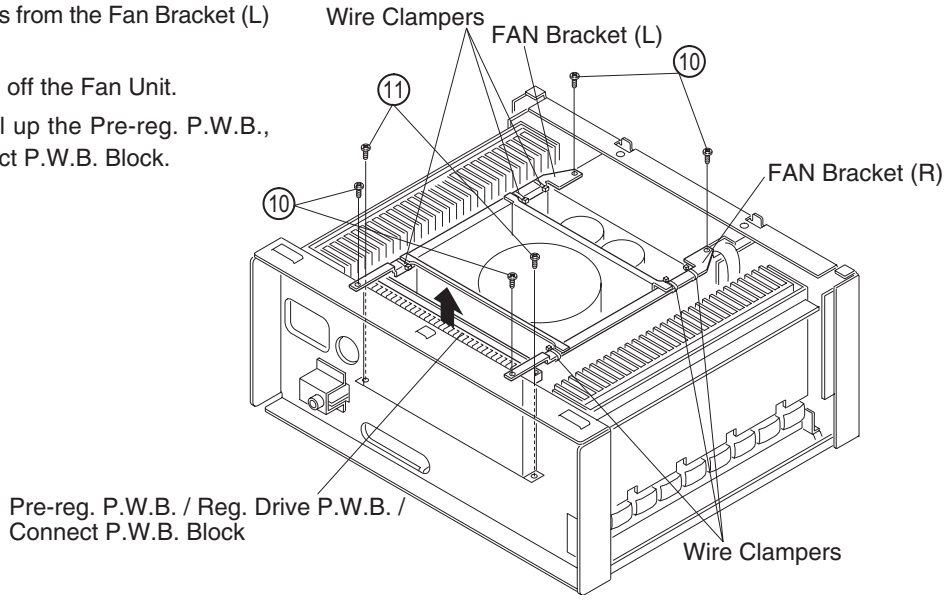
P.W.B.s on Front Panel

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



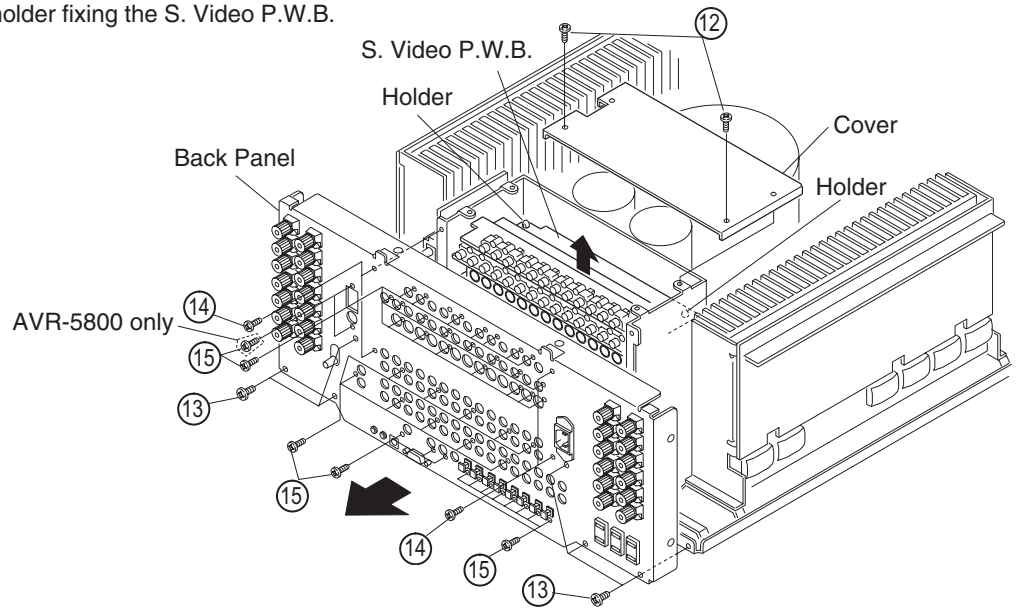
Pre-reg. P.W.B. / Reg. Drive P.W.B. / Connect P.W.B. Block

1. Cut and remove 6 wire clampers from the Fan Bracket (L) and (R).
2. Remove 4 screws (10) and take off the Fan Unit.
3. Remove 2 screws (11) and pull up the Pre-reg. P.W.B., Reg. Drive P.W.B., and Connect P.W.B. Block.



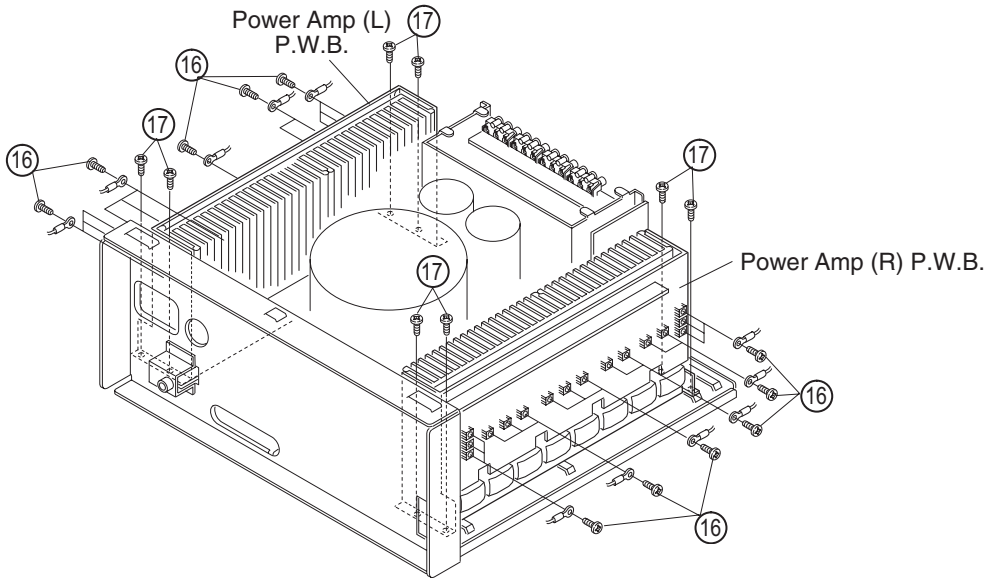
S. Video P.W.B. / C. Video P.W.B. / Comp. Video P.W.B. Block

1. Take off the Fan unit, then remove 2 screws (12) to detach the cover.
2. Remove 6 screws (13), 4 screws (14), 47 screws (15) (45 screws (15) for AVC-A1SE model), and detach the Back Panel.
3. Release 2 hooks of the holder fixing the S. Video P.W.B.



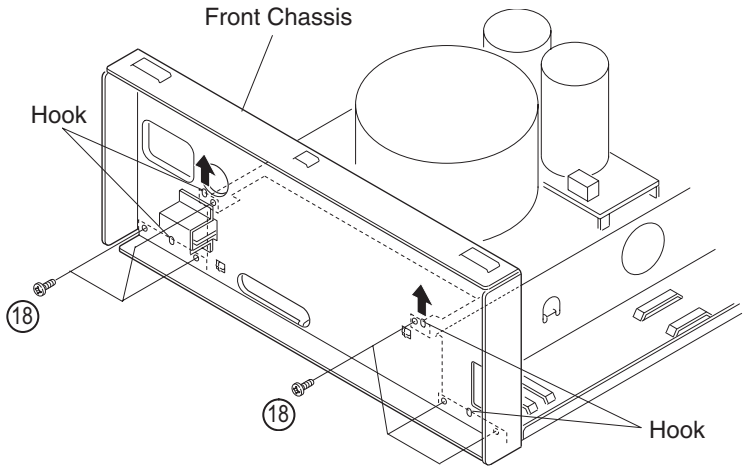
Power Amp L/R P.W.B.

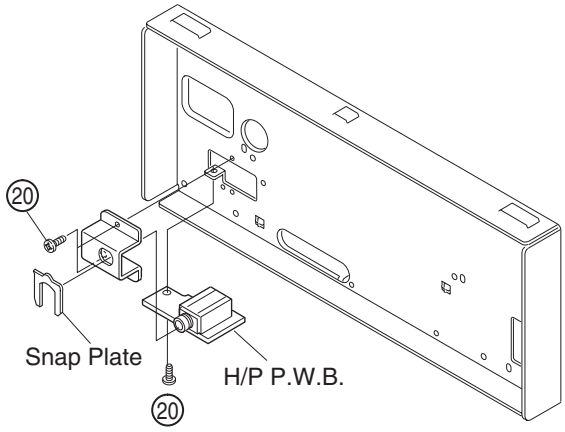
1. Remove 30 screws (16) of the wires connecting to the Power Amp L/R P.W.B. (L side: 14, R side: 16)
2. Remove 8 screws (17) fastening to the chassis.



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

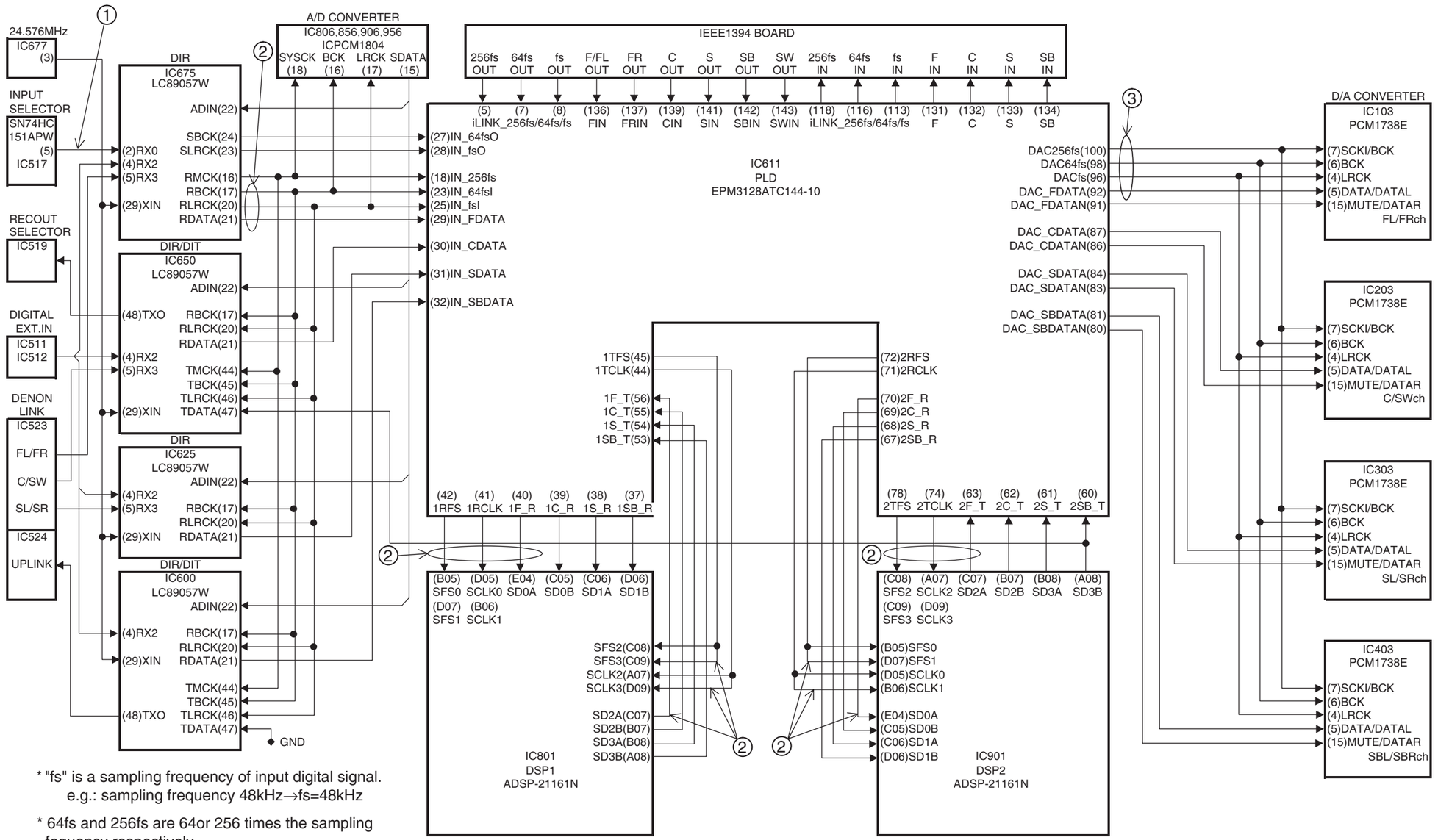
1. Remove 6 screws (18).
2. Detach the Front Chassis by pulling upward to release 4 hooks.
3. Remove 3 screws (20) and snap plate, then detach the H/P P.W.B.





CLOCK FLOW & WAVE FORM IN DIGITAL BLOCK

Clock Flow



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

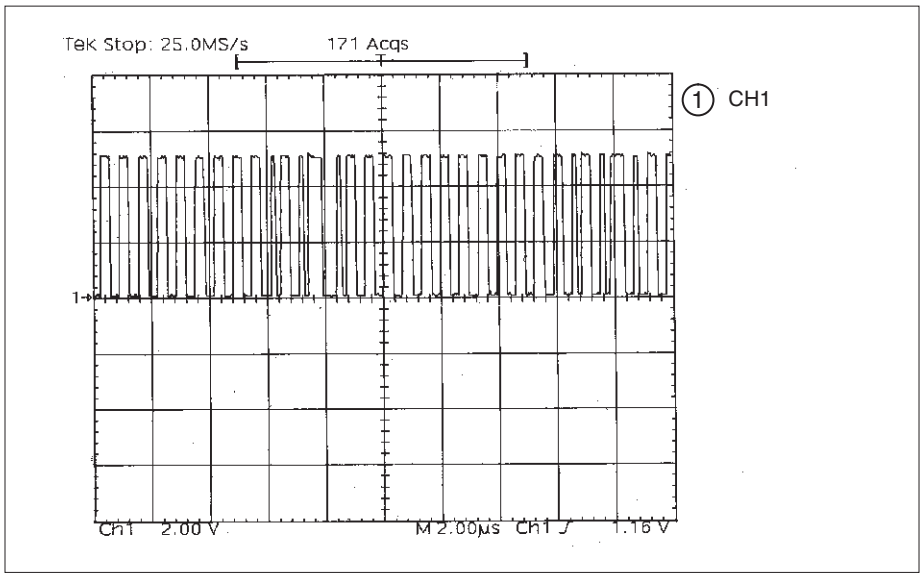
* 64fs and 256fs are 64or 256 times the sampling fequency respectively.
  e.g.: sampling frequency 48kHz
  64fs: 48kHzX64=3.072MHz
  256fs: 48kHzX256=12.288MHz

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

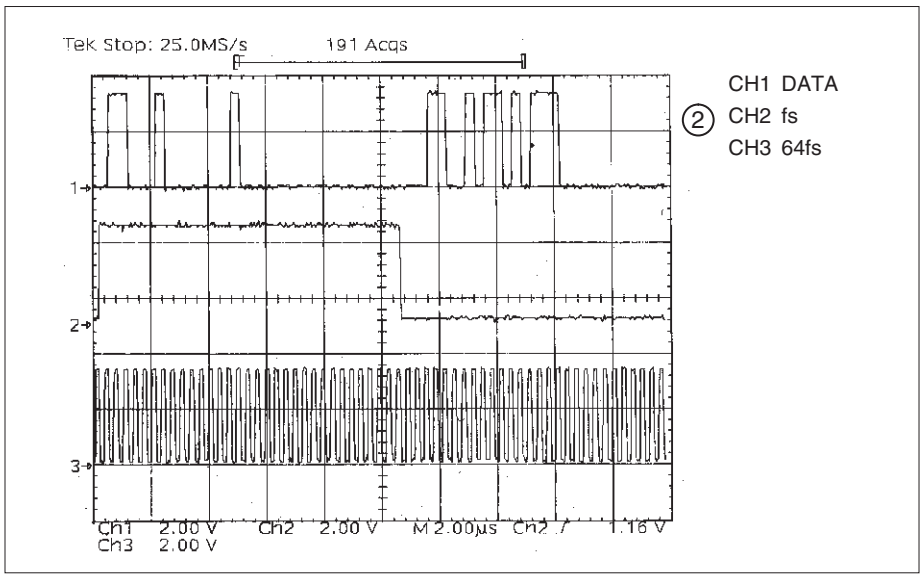
* (No.) indicates the pin number of individual IC.

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

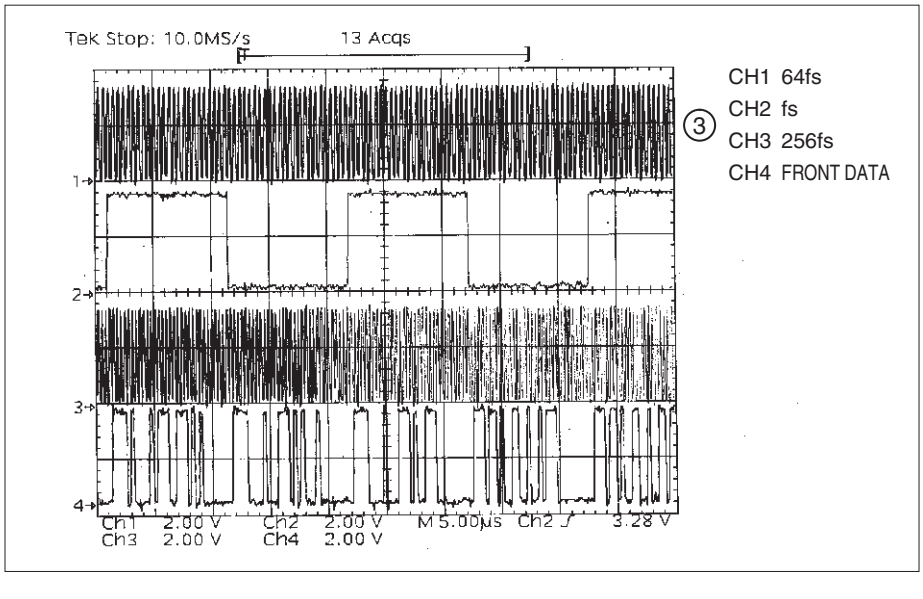
Wave Form (fs=48kHz)



① CH1



② CH1 DATA
CH2 fs
CH3 64fs



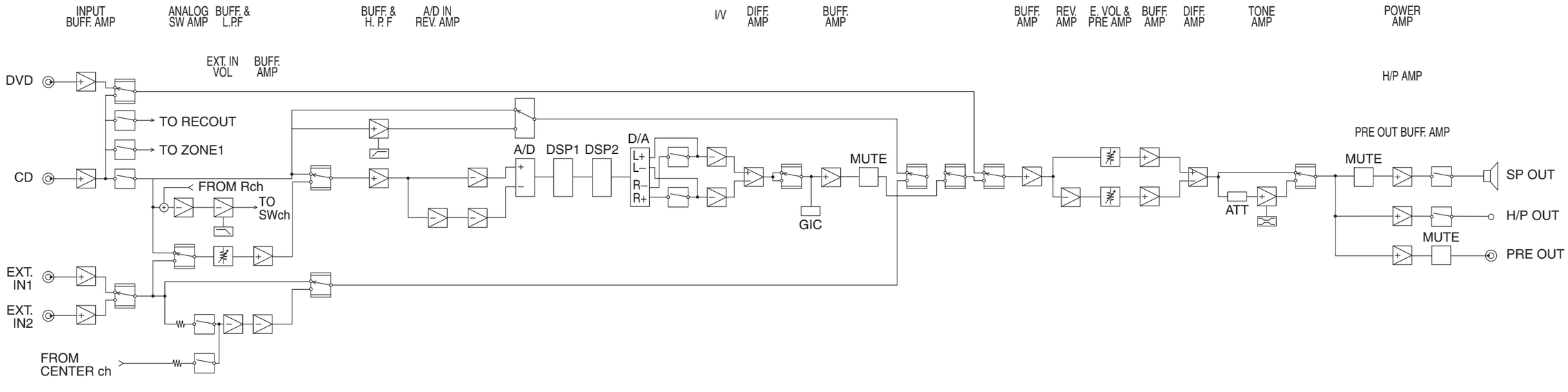
③ CH1 64fs
CH2 fs
CH3 256fs
CH4 FRONT DATA

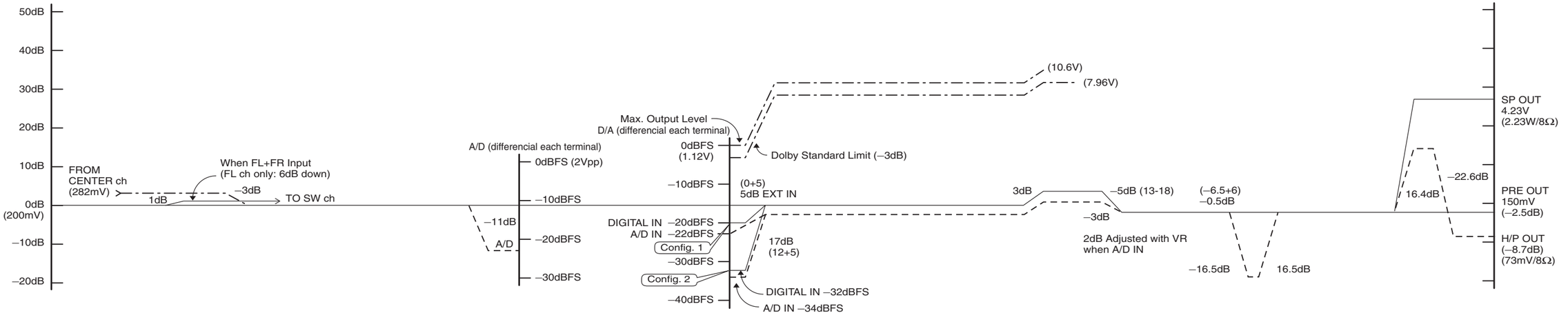
LEVEL DIAGRAMS (1/5)

1 2 3 4 5 6 7 8

A B C D E

FRONT ch





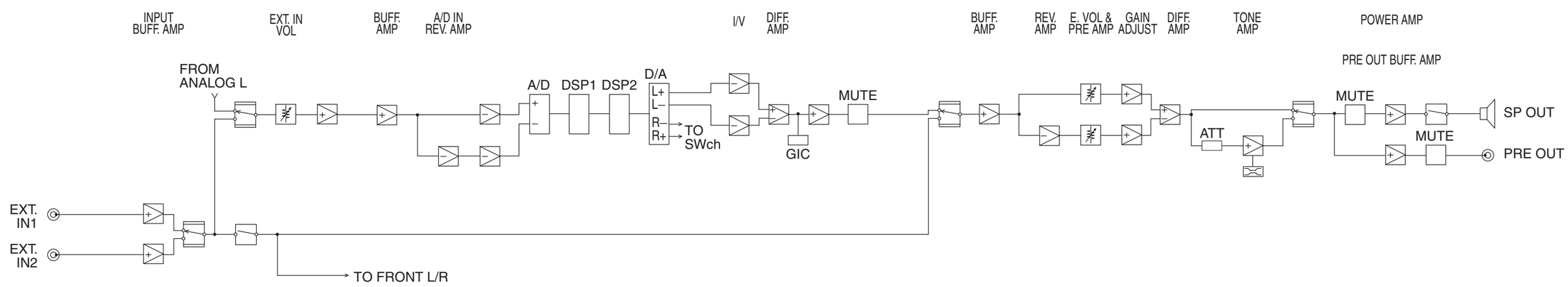
Config. 1: SW - Yes
Config. 2: SW - No

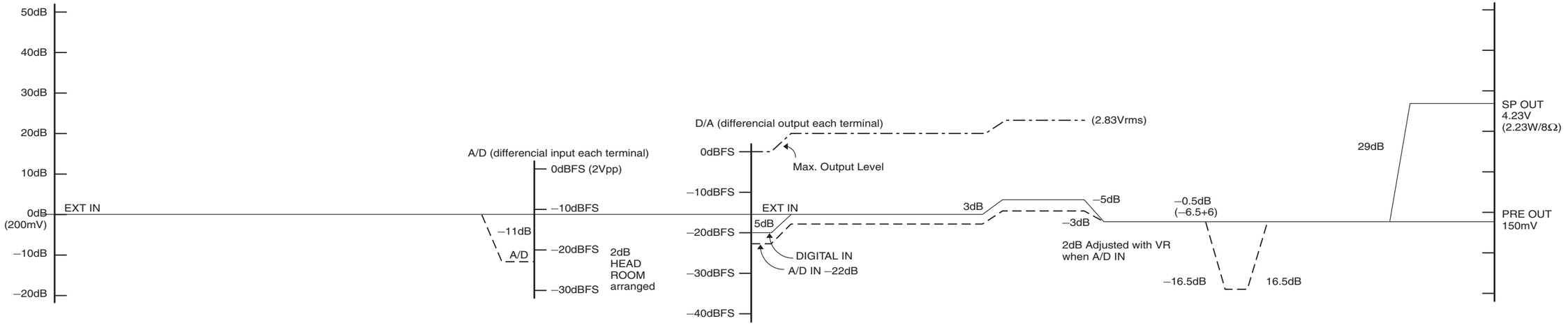
WIRING DIAGRAMS (2/5)

1 2 3 4 5 6 7 8

A B C D E

CENTER ch



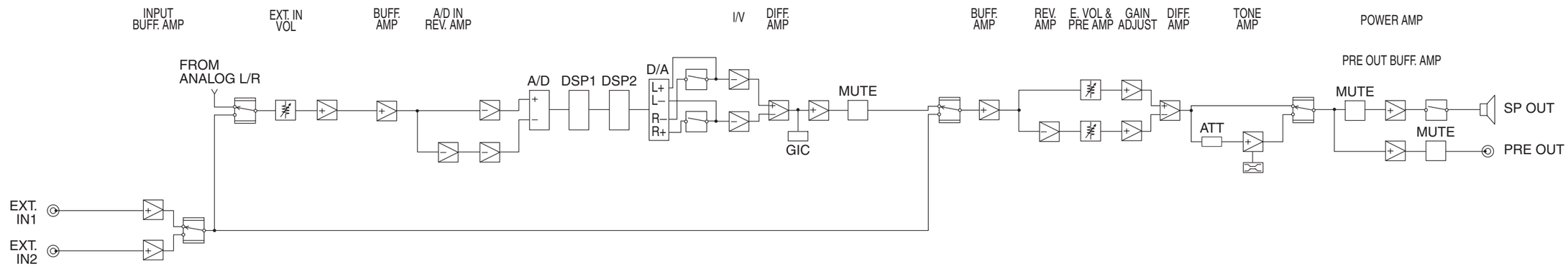


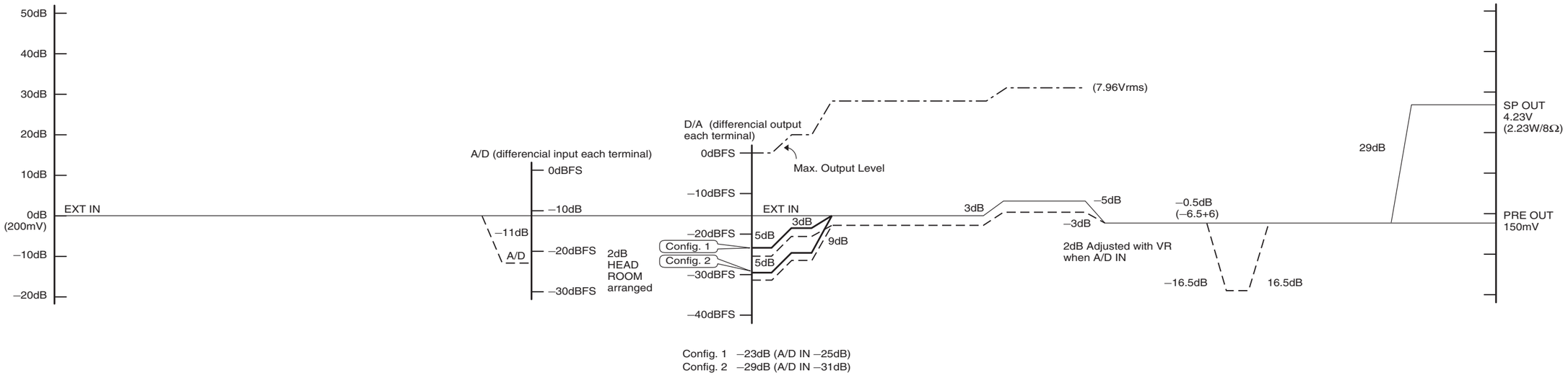
WIRING DIAGRAMS (3/5)

1 2 3 4 5 6 7 8

A B C D E

SURROUND ch





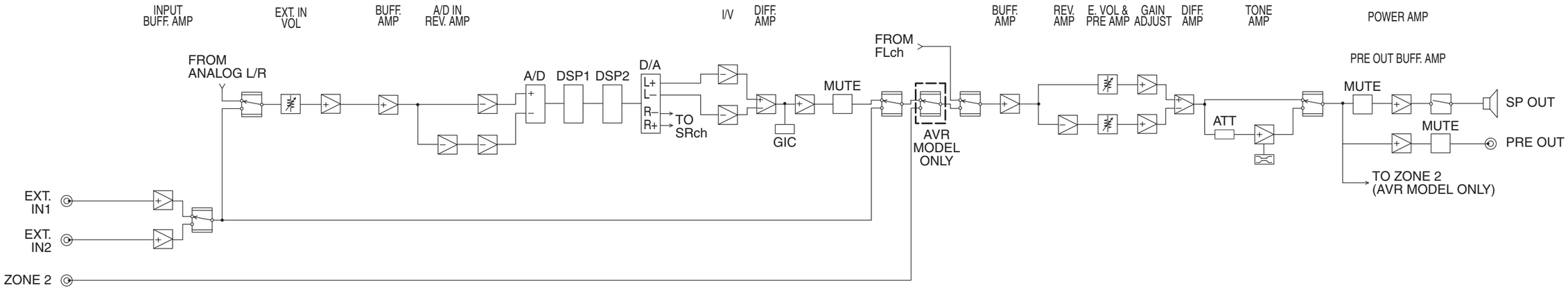
Config. 1 –23dB (A/D IN –25dB)
Config. 2 –29dB (A/D IN –31dB)

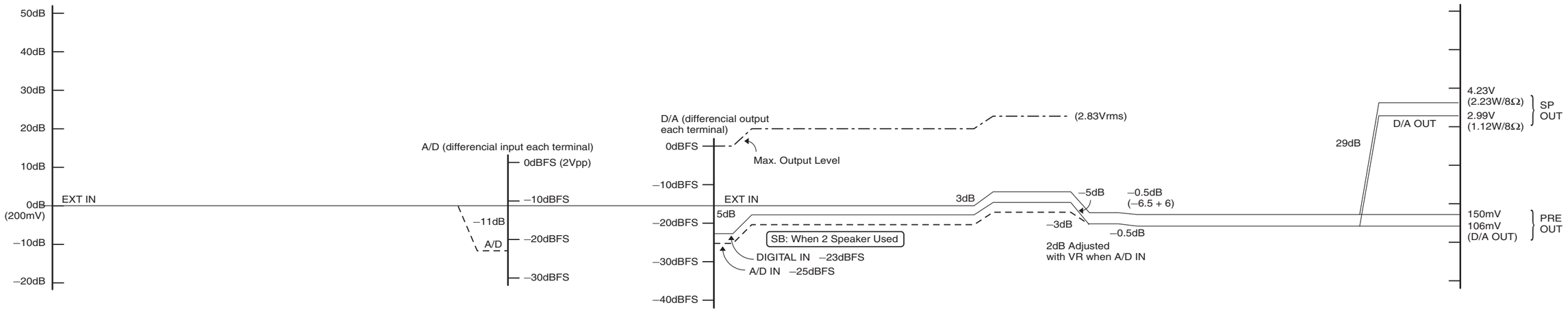
WIRING DIAGRAMS (4/5)

1 2 3 4 5 6 7 8

A B C D E

SURROUND BACK ch



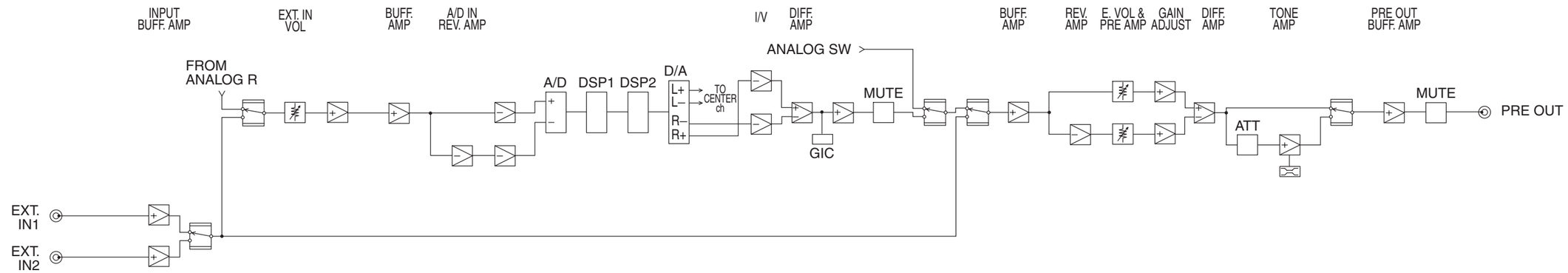


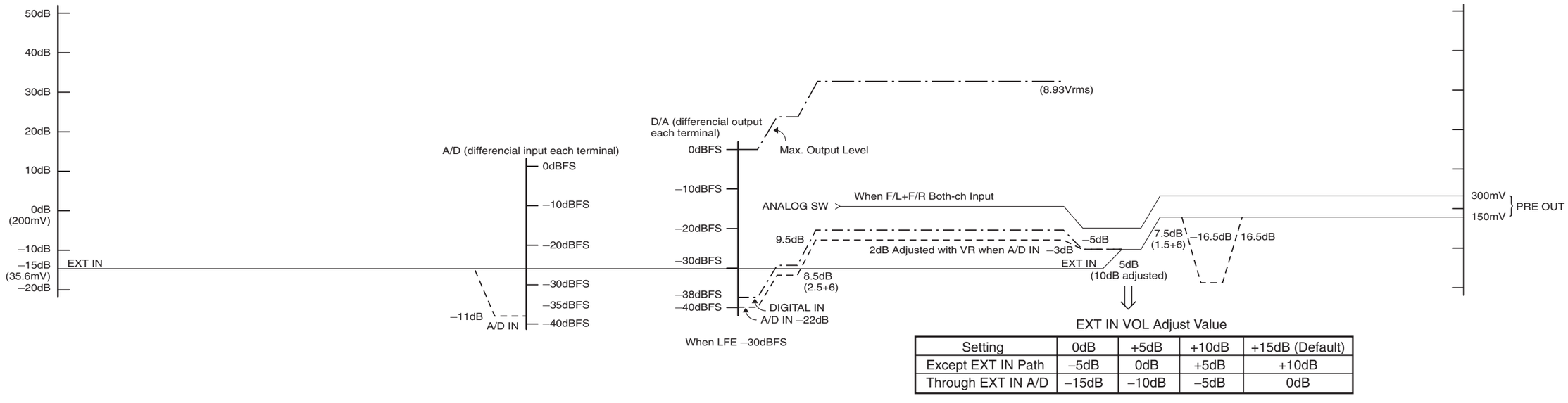
WIRING DIAGRAMS (5/5)

1 2 3 4 5 6 7 8

A B C D E

SW ch





EXT IN VOL Adjust Value

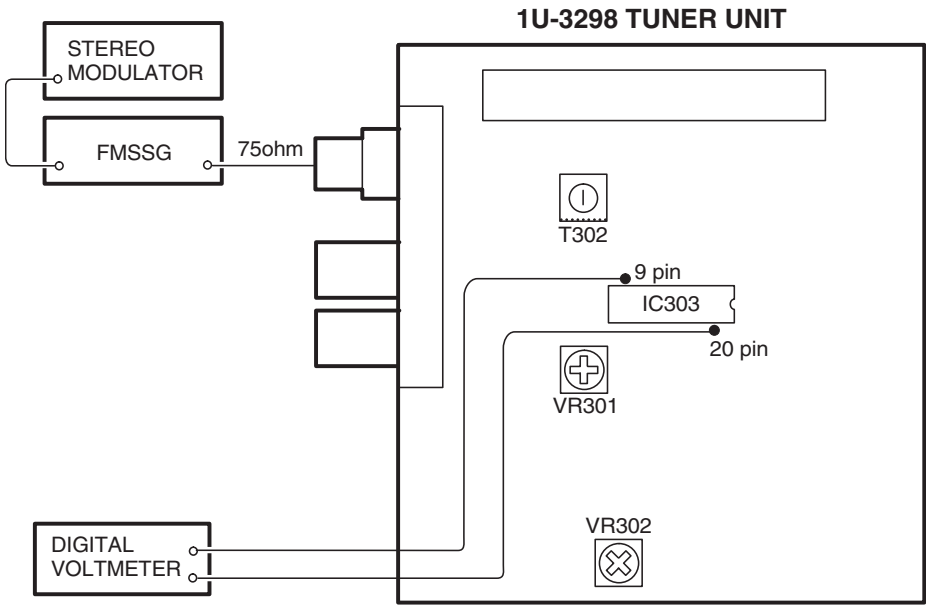
Setting	0dB	+5dB	+10dB	+15dB (Default)
Except EXT IN Path	–5dB	0dB	+5dB	+10dB
Through EXT IN A/D	–15dB	–10dB	–5dB	0dB

ADJUSTMENT

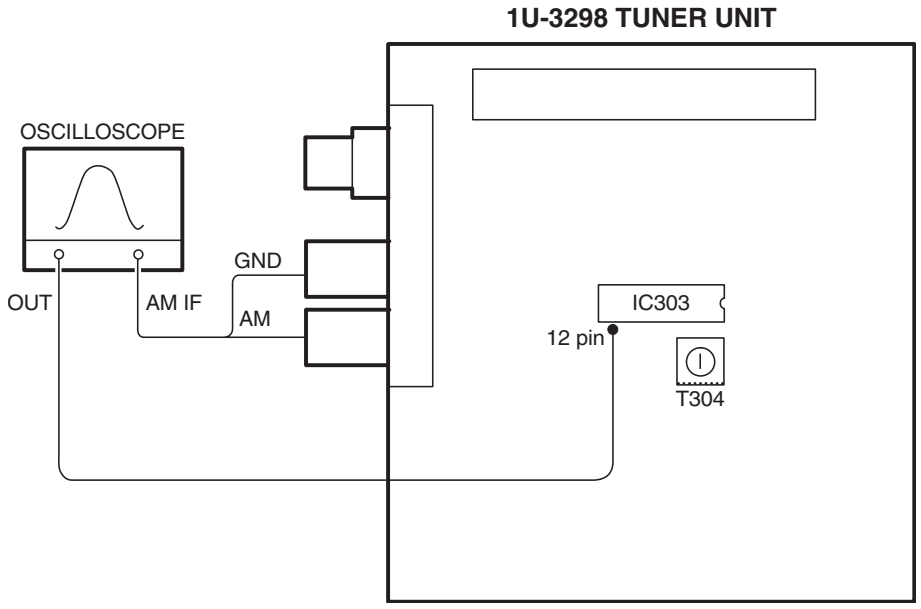
Tuner Section (AVR-5803 only)

CONNECTION DIAGRAM OF MEASURING INSTRUMENTS

● **FM**



● **AM**



FM/MPX ALIGNMENT

Step	Alignment Item	Tuning Frequency Setting	Input					Output		Adjust		Remarks
			Type	Frequency	Input Level	Modulation	Coupling	Type	Connect to	Points	Adjust to	
1	Tuning Center	98.1 MHz	FM SSG	98.1 MHz	60 dBμ	None	Antenna Terminal	Digital Voltmeter	IC303 ⑨ , ⑳ pin	T302	± 50mV	Function : FM Mode : Auto
2	Separation	98.1 MHz	FM SSG	98.1 MHz	60 dBμ	Stereo (L) 1kHz 100%	Antenna Terminal	AC Voltmeter	AUDIO OUT Terminal (R)	VR302	Maximum Separation	—
3	Signal Level	98.1 MHz	FM SSG	98.1 MHz	20 dBμ	Off	Antenna Terminal	—	—	VR301	Light "TUNED" FLD Character	—

AM ALIGNMENT

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

Audio Section

Idling Current (1U-3296-1, 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 tempereture 15 °C ~ 30 °C (59 °F ~ 86 °F).

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

Adjustment

(1) Remove top cover and set VR131, VR231, VR331 on 1U-3296-1 (Power Amp. L unit), VR132, VR232, VR332, VR432 on 1U-3296-2 (Power Amp. R unit) at full counterclockwise (↺) position.

(2) Connect DC Voltmeter to test points (FRONT-Lch: TP101, FRONT-Rch: TP102, CENTER ch: TP402, SURROUND-Lch: TP201, SURROUND-Rch: TP202, SURROUND BACK-Lch: TP301, SURROUND BACK-Rch: TP302).

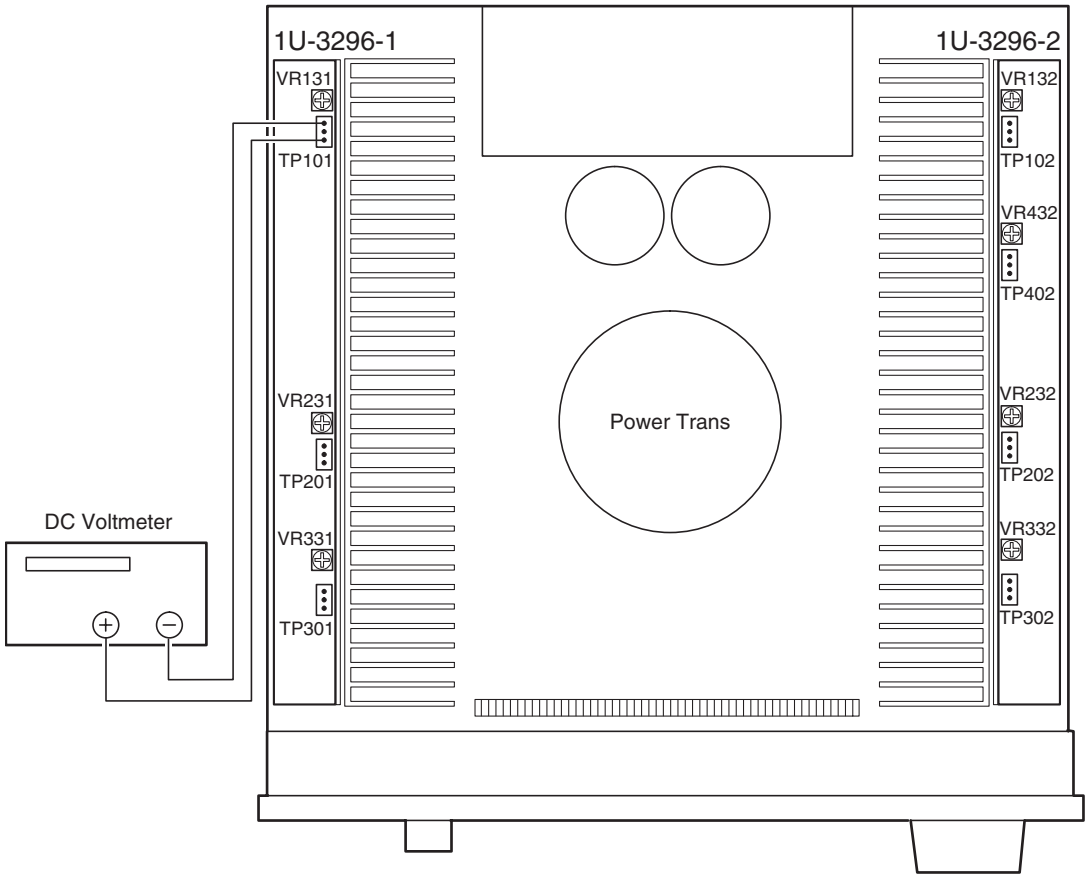
(3) Connect power cord to AC Line, and turn power switch "ON".

(4) Presetting. MASTER VOLUME : "---" counterclockwise (↺ min.)
MODE : 5CH/7CH STEREO
FUNCTION : CD

(5) Within 2 minutes after the power on, turn VR131 clockwise (↻) to adjust the TEST POINT voltage to 3 mV ±0.5 mV DC.

(6) After 10 minutes from the preset above, turn VR131 to set the voltage to 3 mV ±0.5 mV DC.

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

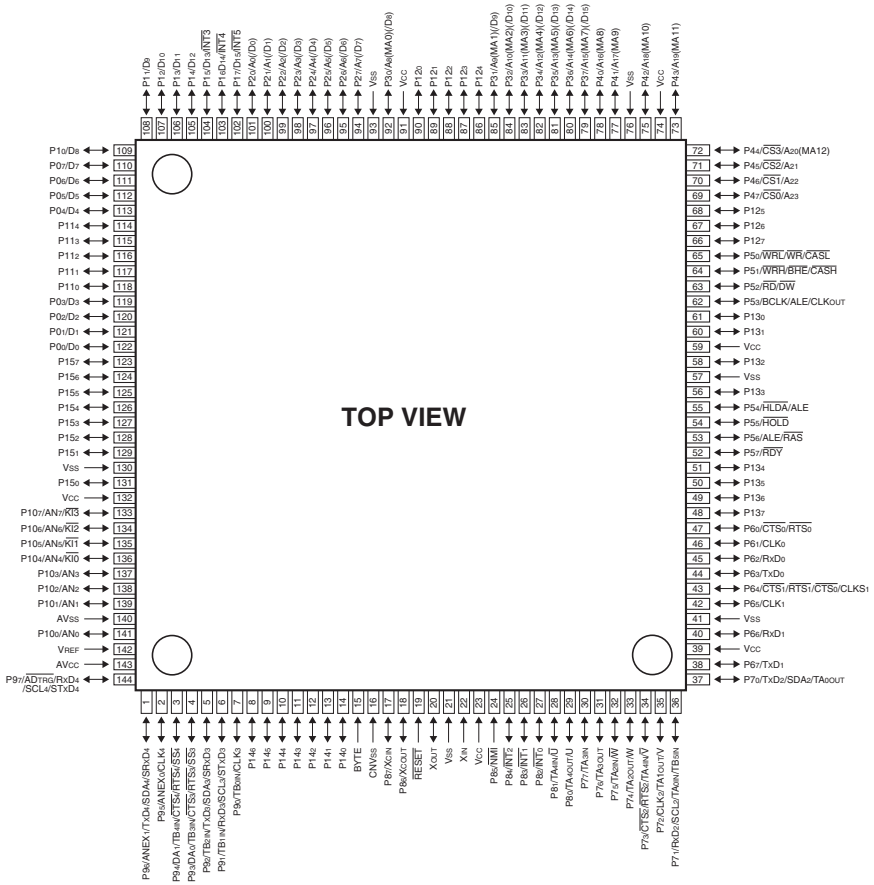


SEMICONDUCTORS

● IC's

Note: Indication before IC No. (SW) denotes "USW-107".

M30802S
(IC713) (MAIN)



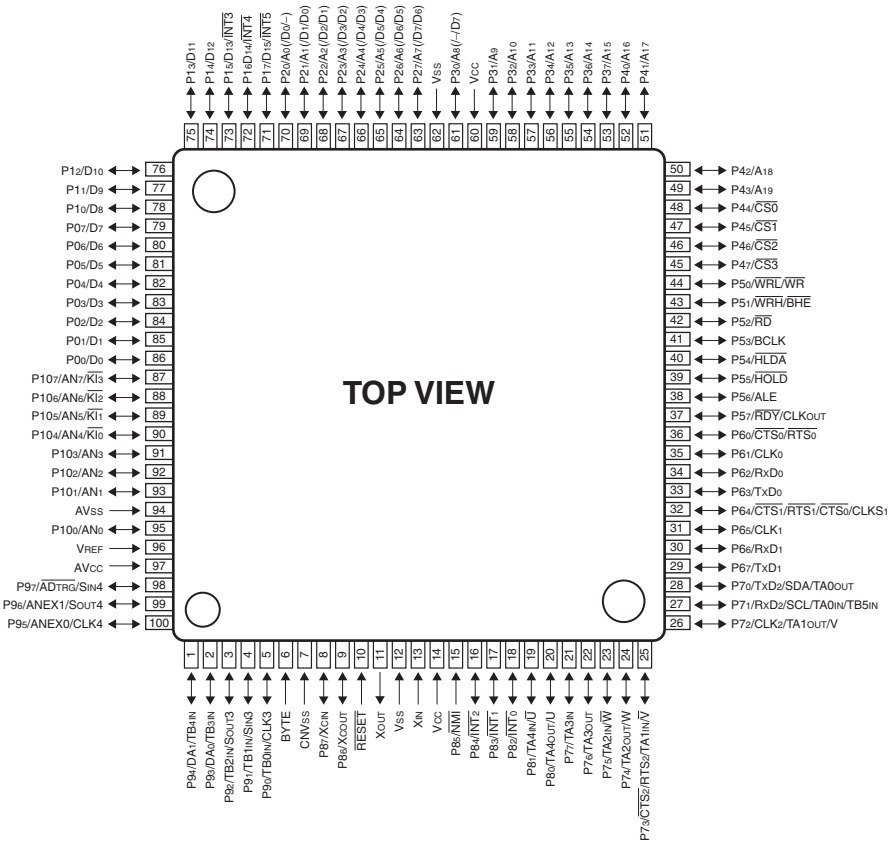
M30802S Terminal Function

Pin No.	Pin Name	Symbol	I/O	Type	Det	Ext	Int	Res	Init	Function
1	P96/TxD4	TxD MAIN	O	C	—	—	—	Z	L	1394 comm. control terminal
2	P95/CLK4	CLK MAIN	O	C	—	—	—	Z	L	1394 comm. control terminal
3	P94/CTS4	CS MAIN	O	C	—	—	—	Z	L	1394 comm. control terminal
4	P93/CTS3	REQ MAIN	O	C	—	—	—	Z	L	1394 comm. control terminal
5	P92/TXD3	OSD DATA	O	C	—	—	—	Z	L	OSD control terminal (M35015)
6	P91/RXD3	OSD STB	O	C	—	—	—	Z	H	OSD control terminal (M35015)
7	P90/CLK3	OSD CLK	O	C	—	—	—	Z	H	OSD control terminal (M35015)
8	P146	OSD RST	O	C	—	—	—	Z	H	OSD control terminal (M35015)
9	P145	ACK MAIN	I	—	Lv	—	—	Z	—	1394 comm. control terminal
10	P144	BOOT	I	—	Lv	—	—	Z	—	Boot control terminal (H: Normal, L: When rewrite boot program activation)
11	P143	SP.EXP. STB	O	C	—	—	—	Z	L	Port Expander control output for speaker output (BU4094B)
12	P142	SYNC. DET	I	—	Lv	—	Eu	Z	—	Sync. detect input (H: External sync.)
13	P141	S SIG. DET	I	—	Lv	—	Eu	Z	—	S signal detect input (H: S signal input)
14	P140	S MONI. DET	I	—	Lv	—	Eu	Z	—	S monitor connection detect input (L: Connected)
15	BYTE	BYTE	—	—	—	—	—	—	—	GND (Ext. data bus bit width switching, L: 16bit)
16	CNVCS	CNVSS	—	—	—	—	—	—	—	+5V (Single-chip/Microprocessor mode switching, H: Microprocessor)
17	P87	SEL D (I)	I	—	Lv	—	Eu	Z	—	Input Selector turn detect input (Rotary encoder)
18	P86	SEL C (I)	I	—	Lv	—	Eu	Z	—	Input Selector turn detect input (Rotary encoder)
19	RESET	_RESET	I	—	Lv	Iu	-—	L	—	Reset input
20	XOUT	X1	O	—	—	—	—	—	—	Oscillator connection
21	VSS	VSS	—	—	—	—	—	—	—	GND
22	XIN	X2	I	—	—	—	—	—	—	Oscillator connection
23	VCC	VCC	—	—	—	—	—	—	—	+5V
24	P85/NMI	_NMI	I	—	—	—	—	—	—	Not used (Fixed to H)

Pin No.	Pin Name	Symbol	I/O	Type	Det	Ext	Int	Res	Init	Function
25	P84/INT2	_B. DOWN	I	—	E↓&L	—	Eu	Z	—	Power down detect (L: Down)
26	P83/INT1	_PROTECT	I	—	E↑&L	—	Ed	Z	—	Protection detect input (H: Detected)
27	P82/INT0	REMOCON	I	—	E↑&L	—	Ed	Z	—	Remote control signal input
28	P81	SEL A (M)	I	—	Lv	—	Eu	Z	—	Master Volume turn detect input (Rotary encoder)
29	P80	SEL B (M)	I	—	Lv	—	Eu	Z	—	Master Volume turn detect input (Rotary encoder)
30	P77	ADOVER	O	C	—	—	—	Z	L	AD Overload detect control (For subwoofer channel, H: Overload) (5803 only)
31	P76	RSPOWER	O	C	—	—	—	Z	L	Same logic with Power Port
32	P75	V.EXP OE	O	C	—	—	—	Z	L	Port Expander control output for Video circuit (BU4094B)
33	P74	V. EXP STB	O	C	—	—	—	Z	L	Port Expander control output for Video circuit (BU4094B)
34	P73/CTS2	E2P CS/VSDA	O	C	—	—	—	Z	L	EEPROM control/Video IC (Chroma-decoder, 3D Y/C) control terminal (5803 only)
35	P72/CLK2	E2P CLK/VSCL	O	C	—	—	—	Z	L	EEPROM control/Video IC (Chroma-decoder, 3D Y/C) control terminal (5803 only)
36	P71/RXD2	E2P DI/C. DET	I	—	Lv	—	—	Z	—	EEPROM control/Component signal detect port (5803 only)
37	P70/TXD2	E2P DO/V. DET	O/I	N	—	—	—	Z	L	EEPROM control/Video signal detect port (5803 only)
38	P67/TXD1	TxD	O	C	—	—	—	Z	L	Data send output to external
39	VCC	VCC	—	—	—	—	—	—	—	+5V
40	P66/RXD1	RxD	I	—	Lv	—	—	Z	—	Data receive input from external
41	VSS	VSS	—	—	—	—	—	—	—	GND
42	P65/CLK1	RESET2	O	C	—	—	—	Z	L	Output for Sub-mcom reset
43	P64/CTS1	ACK	O	C	—	—	—	Z	—	Main/Sub-mcom comm. control terminal
44	P63/TXD0	MOSI	O	C	—	—	—	Z	L	Main/Sub-mcom comm. control terminal
45	P62/RXD0	MISO	I	—	Lv	—	—	Z	—	Main/Sub-mcom comm. control terminal
46	P61/CLK0	CLK	I/O	(C)	—	—	—	Z		Main/Sub-mcom comm. control terminal
47	P60/CTS0	REQ	I	—	Lv	—	Eu	Z	—	Main/Sub-mcom comm. control terminal
48	P137	E2P/VOE	O	C	—	—	—	Z	L	E2P and Video control port (P70~73) switching terminal (5803 only, UPDATE: L fixed)
49	P136	EXP CLK	O	C	—	—	—	Z	L	Expander control CLK output
50	P135	EXP DATA	O	C	—	—	—	Z	L	Expander control DATA output
51	P134	MUTE POWER	O	C	—	—	—	Z	L	Same logic with Power Port (H 30ms before POWER port at ON, but same timing at OFF)
52	P57/RDY	/RDY	I	—	—	—	Eu	Z	—	Not used (Fixed to H)
53	P56/ALE	ALE	O	C	—	—	—	—	L	Not used (NC)
54	P55/HOLD	/HOLD	I	—	—	—	Eu	Z	—	Not used (Fixed to H)
55	P54/HLDA	/HLDA	O	C	—	—	—	H	L	Not used (NC)
56	P133	POWER	O	C	—	—	—	Z	H	Power Relay control output (H: ON)
57	VSS	VSS	—	—	—	—	—	—	—	GND
58	P132	SP. EXP OE	O	C	—	—	—	Z	H	Port Expander control output for speaker output (BU4094B)
59	VCC	VCC	—	—	—	—	—	—	—	+5V
60	P131	FL RST	O	C	-—	—	—	Z	H	FLD control terminal (LC75711NE)
61	P130	FL CE	O	C	—	-—	—	Z	H	FLD control terminal (LC75711NE)
62	P53/BCLK	BCLK	O	C	—	—	—	Z	L	Not used (NC)
63	P52/RD	/RD	O	C	—	—	—	H	L	Flash ROM control terminal
64	P51/BHE	/BHE	O	C	—	—	—	—	L	Not used (NC)
65	P50/WR	/WR	O	C	—	—	—	H	L	Flash ROM control terminal
66	P127	PL/FL/LED DATA	O	C	—	—	—	Z	L	PLL & FLD & LED control terminal (LC72131 & LC75711NE & M66313)
67	P126	PL/FL/LED CLK	O	C	—	—	—	Z	L	PLL & FLD & LED control terminal (LC72131 & LC75711NE & M66313)
68	P125	PLL STB	O	C	—	—	—	Z	L	PLL control terminal (LC72131)
69	P47/CS0/A23	FLASH CE	O	C	—	—	—	—	L	Control output for Flash ROM
70	P46/CS1/A22	CS1	O	C	—	—	—	—	L	Not used
71	P45/CS2/A21	CS2	O	C	—	—	—	—	L	Not used
72	P44/CS3/A20	CS3	O	C	—	—	—	—	L	Not used
73	P43/A19	NOT USED	O	C	—	—	—	—	L	Not used
74	VCC	VCC	—	—	—	—	—	—	—	+5V
75	P42/A18	MA17	O	C	—	—	—	—	L	Flash ROM control terminal
76	VSS	VSS	—	—	—	—	—	—	—	GND
77	P41/A17	MA16	O	C	—	—	—	—	L	Flash ROM control terminal
78	P40/A16	MA15	O	C	—	—	—	—	L	Flash ROM control terminal
79	P37/A15	MA14	O	C	—	—	—	—	L	Flash ROM control terminal
80	P36/A14	MA13	O	C	—	—	—	—	L	Flash ROM control terminal
81	P35/A13	MA12	O	C	—	—	—	—	L	Flash ROM control terminal
82	P34/A12	MA11	O	C	—	—	—	—	L	Flash ROM control terminal
83	P33/A11	MA10	O	C	—	—	—	—	L	Flash ROM control terminal
84	P32/A10	MA9	O	C	—	—	—	—	L	Flash ROM control terminal
85	P31/A9	MA8	O	C	—	—	—	—	L	Flash ROM control terminal
86	P124	E. VOL CLK	O	C	—	—	—	Z	L	E. VR control output (TC9459)
87	P123	E. VOL DATA	O	C	—	—	—	Z	L	E. VR control output (TC9459)
88	P122	E. VOL STBA	O	C	—	—	—	Z	L	E. VR control output (TC9459)
89	P121	E. VOL STBB	O	C	—	—	—	Z	L	E. VR control output (TC9459)

Pin No.	Pin Name	Symbol	I/O	Type	Det	Ext	Int	Res	Init	Function
90	P120	E. VOL MULTI STB	O	C	—	—	—	Z	L	E. VR control output for Multi Room (TC9459)
91	VCC	VCC	—	—	—	—	—	—	—	+5V
92	P30/A8	MA7	O	C	—	—	—	—	L	Flash ROM control terminal
93	VSS	VSS	—	—	—	—	—	—	—	GND
94	P27/A7	MA6	O	C	—	—	—	—	L	Flash ROM control terminal
95	P26/A6	MA5	O	C	—	—	—	—	L	Flash ROM control terminal
96	P25/A5	MA4	O	C	—	—	—	—	L	Flash ROM control terminal
97	P24/A4	MA3	O	C	—	—	—	—	L	Flash ROM control terminal
98	P23/A3	MA2	O	C	—	—	—	—	L	Flash ROM control terminal
99	P22/A2	MA1	O	C	—	—	—	—	L	Flash ROM control terminal
100	P21/A1	MA0	O	C	—	—	—	—-	L	Flash ROM control terminal
101	P20/A0	NOT USED	O	C	—	—	—	—	L	Flash ROM control terminal
102	P17/D15	D15	I/O	C	—	—	—	—	L	Flash ROM control terminal
103	P16/D14	D14	I/O	C	—	—	—	—	L	Flash ROM control terminal
104	P15/D13	D13	I/O	C	—	—	—	—	L	Flash ROM control terminal
105	P14/D12	D12	I/O	C	—	—	—	—	L	Flash ROM control terminal
106	P13/D11	D11	I/O	C	—	—	—	—	L	Flash ROM control terminal
107	P12/D10	D10	I/O	C	—	—	—	—	L	Flash ROM control terminal
108	P11/D9	D9	I/O	C	—	—	—	—	L	Flash ROM control terminal
109	P10/D8	D8	I/O	C	—	—	—	—	L	Flash ROM control terminal
110	P07/D7	D7	I/O	C	—	—	—	—	L	Flash ROM control terminal
111	P06/D6	D6	I/O	C	—	—	—	—	L	Flash ROM control terminal
112	P05/D5	D5	I/O	C	—	—	—	—	L	Flash ROM control terminal
113	P04/D4	D4	I/O	C	-—	—	—	—	L	Flash ROM control terminal
114	P114	A/STB. EXP OE	O	C	—	—	—	Z	H	Port Expander control output for Audio Mute and IC Strobe (BU4094B)
115	P113	A. EXP STB	O	C	—	—	—	Z	L	Port Expander control output for Audio Mute (BU4094B)
116	P112	STB EXP STB	O	C	—	—	—	Z	H	Port Expander control output for IC Strobe (BU4094B)
117	P111	SEL F (F)	I	—	Lv	—	Eu	Z	—	Function Encoder turn detect input (Rotary encoder)
118	P110	SEL E (F)	I	—	Lv	—	Eu	Z	—	Function Encoder turn detect input (Rotary encoder)
119	P03/D3	D3	I/O	C	—	—	—	—	L	Flash ROM control terminal
120	P02/D2	D2	I/O	C	-—	—	—	—	L	Flash ROM control terminal
121	P01/D1	D1	I/O	C	—	—	—	—	L	Flash ROM control terminal
122	P00/D0	D0	I/O	C	—	—	—	—	L	Flash ROM control terminal
123	P157	SEL H (C)	I	—	Lv	—	Eu	Z	—	Control Encoder turn detect input (Rotary encoder)
124	P156	SEL G (C)	I	—	Lv	—	Eu	Z	—	Control Encoder turn detect input (Rotary encoder)
125	P155	EVOL STBC	O	C	—	—	Eu	Z	—	E. VR control for EXT.IN (5803 only)
126	P154	FUNC/TONE CLK	O	—	—	—	—	Z	L	CLK output for Function switching/Tone IC control
127	P153	FUNC/TONE DATA	O	C	—	—	—	Z	L	CLK output for Function switching/Tone IC control
128	P152	LED LE	O	C	—	—	Eu	Z	L	LED Driver control output
129	P151	LED OE	O	C	—	—	—	Z	H	LED Driver control output, *Set to in-port during STBY
130	VSS	VSS	—	—	—	—	—	—	—	GND
131	P150	STANDBY	O	C	—	—	Ed	Z	H	Standby LED drive output (H: Light)
132	VCC	VCC	—	—	—	—-	—	—	—	+5V
133	P107/AN7	KEY1	I	—	Lv	—	Eu	Z	—	Button input 1
134	P106/AN6	KEY2	I	—	Lv	—	Eu	Z	—	Button input 2
135	P105/AN5	KEY3	I	—	Lv	—	Eu	Z	—	Button input 3
136	P104/AN4	KEY4	I	—	Lv	—	Eu	Z	—	Button input 4
137	P103/AN3	ASIGDET	I	—	Lv	—	Eu	Z	—	SB channel signal level detect, set to A/D input
138	P102/AN2	TUNED&STEREO AD IN	I	—	Lv	—	Eu	Z	—	Tuned/Stereo detect (Detect by A/D input)
139	P101/AN1	H/P DET	I	—	Lv	—	Eu	Z	—	H/P detect input (H: Detected)
140	AVSS	AVSS	—	—	—	—	—	—	—	AD GND
141	P100/AN0	MODE	I	—	Lv	—	Eu	Z	—	Destination switching input
142	VREF	VREF	—	—	—	—	—	—	—	AD ref. +5V
143	AVCC	AVCC	—	—	—	—	—	—	—	AD +5V
144	P97/RXD4	RxD MAIN	I	—	Lv	—	—	Z	—	1394 comm. control terminal

M30620FCMGP (IC701) (SUB)

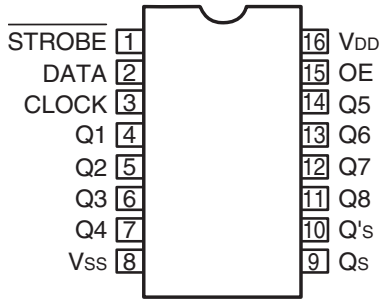


M30620FCMGP Terminal Function

Pin No.	Pin Name	Symbol	I/O	Type	Det	Ext	Int	Res	Init	Function
1	P94	SPIDS2	O	C	—	—	—	Z	H	DSP2 serial control terminal (ADSP21161L)
2	P93	CS SUB	O	C	—	—	—	Z	L	1394 comm. control terminal
3	P92/SOUT3	TxD SUB	O	C	—	—	—	Z	L	1394 comm. control terminal
4	P91/SIN3	RxD SUB	O	C	—	—	—	Z	L	1394 comm. control terminal
5	P90/CLK3	CLK SUB	O	C	—	—	—	Z	L	1394 comm. control terminal
6	BYTE	BYTE	—	—	—	—	—	—	—	GND (Ext. data bus bit width switching, L: 16bit)
7	CNVCS	CNVSS	—	—	—	—	—	—	—	Single-chip/Microprocessor mode switching (L: Single-chip, H: Rewrite boot program)
8	P87	ROM_RST2	O	C	—	—	Od	Z	L	Memory reset for DSP2 (L: Reset)
9	P86	ROM_RST1	O	C	—	—	Od	Z	L	Memory reset for DSP1 (L: Reset)
10	RESET	_RESET	I	—	Lv	Iu	—	L	—	Reset input
11	XOUT	X1	O	—	—	—	—	—	—	Oscillator connection
12	VSS	VSS	—	—	—	—	—	—	—	GND
13	XIN	X2	I	—	—	—	—	—	—	Oscillator connection
14	VCC	VCC	—	—	—	—	—	—	—	+3V
15	P85/NMI	_NMI	I	—	—	—	—	—	—	Not used (Fixed to H)
16	P84/INT2	_INT1	I	—	E↓&L	—	—	Z	—	DIR1 control terminal (LC89057W-E)
17	P83/INT1	_ACK	I	—	E↓&L	—	Eu	Z	—	Main/Sub-mcom comm. control input (ACK from mcom L return)
18	P82/INT0	_B. DOWN	I	—	E↓&L	—	Eu	Z	—	Power down detect (L: Down)
19	P81	ADC RESET	0	C	—	—	—	Z	H	A/D control terminal (L: Reset)
20	P80	DIGITAL POWER	0	C	—	—	—	Z	L	Digital power on/off switching
21	P77	DAC DIF	0	C	—	—	—	Z	L	DAC deferential used: H
22	P76	OSR1	0	C	—	—	—	Z	H	A/D control terminal (PCM1804), H:192kHz
23	P75	OSR2	0	C	—	—	—	Z	L	A/D control terminal (PCM1804), H:96kHz
24	P74	DIR CE	0	C	—	—	—	Z	L	DIR control terminal (LC89057W-E), control chip enable output
25	P73/CTS2	DIR_RST	0	C	—	—	—	Z	L	DIR control terminal (LC89057W-E), L: Reset
26	P72/CLK2	DIR CLK	0	C	—	—	—	Z	L	DIR control terminal (LC89057W-E), control clock output
27	P71/RXD2	DIR DIN	0	N	—	—	Eu	Z	L	DIR control terminal (LC89057W-E), control data output
28	P70/TXD2	DIR DOUT	I	—	Lv	—	—	Z	—	DIR control terminal (LC89057W-E), control data input
29	P67/TXD1	TxD	O	C	—	—	—	Z	L	Data send to external
30	P66/RXD1	RxD	I	—	Lv	—	—	Z	—	Data receive from external
31	P65/CLK1	DACMC	O	C	—	—	—	Z	L	DAC control terminal (PCM1738)

Pin No.	Pin Name	Symbol	I/O	Type	Det	Ext	Int	Res	Init	Function
32	P64/CTS1	REQ	O	C	—	—	Eu	Z	L	Main/Sub-mcom comm. control output (RTS from sub-mcom L)
33	P63/TXD0	MISO	O	C	—	—	—	Z	L	Main/Sub-mcom comm. control terminal (Data output)
34	P62/RXD0	MOSI	I	—	Lv	—	—	Z	L	Main/Sub-mcom comm. control terminal (Data input)
35	P61/CLK0	CLK	I/O	C	—	—	—	Z	L	Main/Sub-mcom comm. control terminal (I2C clock in/output)
36	P60/CTS0	DACMDO	I	—	Lv	—	—	Z	—	DAC control terminal (PCM1738)
37	P57	DACMDI	O	C	—	—	—	Z	L	DAC control terminal (PCM1738)
38	P56	DLINK ON	O	C	—	—	—	Z	L	DENON LINK ON terminal (H: DENON LINK)
39	P55/EPM	FRASH EPM	I	—	Lv	—	—	Z	—	When rewrite boot program on, L input set
40	P54	_INT3	I	—	Lv	—	—	Z	—	DIR3 control terminal (LC89057W-E)
41	P53	_INT4	I	—	Lv	—	—	Z	—	DIR4 control terminal (LC89057W-E)
42	P52	PTMS	I	—	—	—	—	Z	—	ASIC control terminal
43	P51	PTDO	I	—	Lv	—	—	Z	—	ASIC control terminal
44	P50/CE	FRASH CE	I	—	—	—	—	Z	—	When rewrite boot program on, H input set
45	P47	PTCK	I	—	—	—	—	Z	—	ASIC control terminal
46	P46	PTDI	I	—	—	—	—	Z	—	ASIC control terminal
47	P45	D. EXP OE	O	C	—	—	—	Z	L	Port Expander control output for Digital input switching (BU4094B)
48	P44	D. EXP CLK	O	C	—	—	—	Z	L	Port Expander control output for Digital input switching (BU4094B)
49	P43	D. EXP DATA	O	C	—	—	—	Z	L	Port Expander control output for Digital input switching (BU4094B)
50	P42	D. EXP STB	O	C	—	—	—	Z	L	Port Expander control output for Digital input switching (BU4094B)
51	P41	XTALRST	O	C	—	—	—	Z	H	Clock for DIR (L: Osc. stop)
52	P40	DSD SEL	O	C	—	—	—	Z	L	H: DSD
53	P37	iLink DE	O	C	—	—	—	Z	L	iLink control terminal
54	P36	iLink RE	O	C	—	—	—	Z	H	iLink control terminal
55	P35	iLink SEL	O	C	—	—	—	Z	L	iLink control terminal (H: 1394)
56	P34	DSP I/O POWER	O	C	—	—	—	Z	L	H: Power ON (On 10ms later from Digital Power On)
57	P33	DSP OSC ON	O	C	—	—	—	Z	L	H: ON (On 20ms later from Digital Power On)
58	P32	DSP2_RS	O	C	—	—	—	Z	L	DSP2 reset output (L: Reset)
59	P31	DSP1_RS	O	C	—	—	—	Z	L	DSP1 reset output (L: Reset)
60	VCC	VCC	—	—	—	—	—	—	—	+3V
61	P30	FLAG 1A (DSP_ACK1)	I	—	Lv	—	—	Z	—	DSP1 host I/F comm. response input (L: OK)
62	VSS	VSS	—	—	—	—	—	—	—	GND
63	P27	FLAG 2A (BUSY1)	I	—	Lv	—	—	Z	—	DSP operation check flag (ADSP21161L-A: FLAG 2A), L: Normal
64	P26	IRQ1_B1 (DSP_REQ1)	O	C	—	—	—	Z	L	DSP1 (ADSP21161L-A: IRQ 1_), host I/F interrupt request output, L: REQ
65	P25	FLAG 0A (WRITE1)	O	C	—	—	—	Z	L	DSP1 comm. control terminal (H: Data write)
66	P24	IRQ1_B2 (DSP_REQ2)	O	C	—	—	—	Z	L	DSP2 (ADSP21161L-A: IRQ 1_), host I/F interrupt request output, L: REQ
67	P23	FLAG 0B (WRITE2)	O	C	—	—	—	Z	L	DSP2 comm. control terminal (H: Data write)
68	P22	FLAG 1B (DSP_ACK2)	I	—	Lv	—	—	Z	—	DSP2 host I/F comm. response input (L: OK)
69	P21	FLAG 2B (BUSY2)	I	—	Lv	—	—	Z	—	DSP operation check flag (ADSP21161L-B: FLAG 2B), L: Normal
70	P20	FLAG 3A	I	—	Lv	—	—	Z	—	Special flag for ROM update (ADSP21161L-A: FLAG 3A)
71	P17/INT5	AC-3 RF DET.	I	—	E↓&L	—	—	Z	—	AC-3 RF signal check input (H: AC-3 RF data input)
72	P16/INT4	FLAG 3B	I	—	Lv	—	—	Z	—	Special flag for ROM update (ADSP21161L-A: FLAG 3B)
73	P15/INT3	u ERROR	I	—	E↑&L	—	—	Z	—	DIR control input terminal (LC89057W), H: ERR
74	P14/D12	u SELCK	O	C	—	—	—	Z	L	ADC/DIR data, clock switching control terminal (L: ADC)
75	P13/D11	u ERR MUTE	O	C	—	—	—	Z	H	Pop noise preventive mute control output
76	P12/D10	u BSE (AC3 MUTE)	O	C	—	—	—	Z	H	Digital mute control output (L: AC-3 or DTS decode enable)
77	P11/D9	REQ SUB	O	C	—	—	—	Z	L	1394 comm. control terminal
78	P10/D8	ACK SUB	O	C	—	—	—	Z	L	1394 comm. control terminal
79	P07/D7	I/08	I/O	C	—	—	—	Z	L	DSP comm. terminal (ADSP21161N:D23)
80	P06/D6	I/07	I/O	C	—	—	—	Z	L	DSP comm. terminal (ADSP21161N:D22)
81	P05/D5	I/06	I/O	C	—	—	—	Z	L	DSP comm. terminal (ADSP21161N:D21)
82	P04/D4	I/05	I/O	C	—	—	—	Z	L	DSP comm. terminal (ADSP21161N:D20)
83	P03/D3	I/04	I/O	C	—	—	—	Z	L	DSP comm. terminal (ADSP21161N:D19)
84	P02/D2	I/03	I/O	C	—	—	—	Z	L	DSP comm. terminal (ADSP21161N:D18)
85	P01/D1	I/02	I/O	C	—	—	—	Z	L	DSP comm. terminal (ADSP21161N:D17)
86	P00/D0	I/01	I/O	C	—	—	—	Z	L	DSP comm. terminal (ADSP21161N:D16)
87	P107/AN7	DAC-RESET1	O	C	—	—	—	Z	L	DAC control terminal (L: Power down mode, ↑: Reset, H: Normal)
88	P106/AN6	FGAIN	O	C	—	—	—	Z	L	IV Amp Gain switching control output (L: Subwoofer enable)
89	P105/AN5	_INT2	I	—	Lv	—	—	Z	—	DIR2 control terminal (LC89057W-E)
90	P104/AN4	FDACCS	O	C	—	—	—	Z	H	DAC control terminal (PCM1738:Fch chip select)
91	P103/AN3	CDACCS	O	C	—	—	—	Z	H	DAC control terminal (PCM1738:Cch DAC chip select)
92	P102/AN2	SDACCS	O	C	—	—	—	Z	H	DAC control terminal (PCM1738:Sch DAC chip select)
93	P101/AN1	SBDACCS	O	C	—	—	—	Z	H	DAC control terminal (PCM1738:SBch DAC chip select)
94	AVSS	AVSS	—	—	—	—	—	—	—	AD GND
95	P100/AN0	SPIDS1	O	C	—	—	—	Z	H	DSP1 serial control terminal (ADSP21161N)
96	VREF	VREF	—	—	—	—	—	—	—	AD ref. +3V
97	AVCC	AVCC	—	—	—	—	—	—	—	AD +3V
98	P97/SIN4	SPIMISO	I	—	Lv	—	—	Z	—	DSP serial control terminal (ADSP21161N)
99	P96/SOUT4	SPIMOSI	O	C	—	—	—	Z	L	DSP serial control terminal (ADSP21161N)
100	P95/CLK4	SPICLK	O	C	—	—	—	Z	L	DSP serial control terminal (ADSP21161N)

TC4094BF (IC510, 515, 708, 709, 721)
BU4094BCF (IC609, 610, 611, 612, 618, 623, 304, 305, 310, 311, 312)



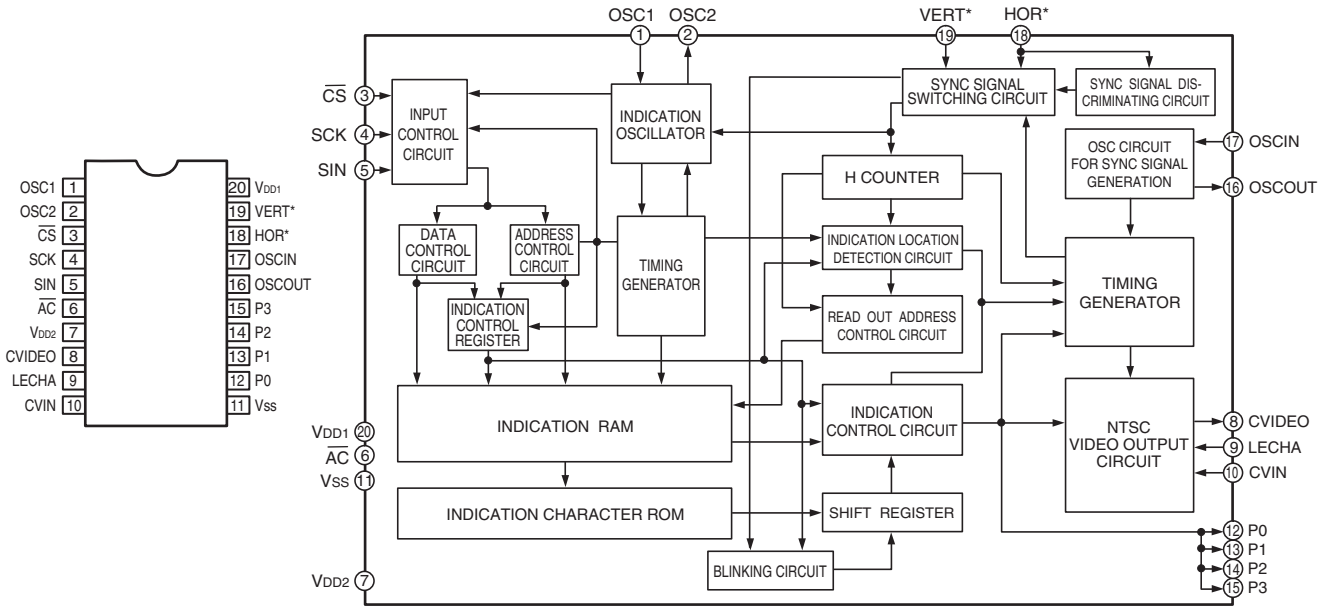
Terminal Function

	Port	Symbol	Function
IC304	EXP1	INA1	VIDEO INPUT SELECT (Selected INA1, INB1, and INC1 combination)
	EXP2	INB1	VIDEO INPUT SELECT (Selected INA1, INB1, and INC1 combination)
	EXP3	INC1	VIDEO INPUT SELECT (Selected INA1, INB1, and INC1 combination)
	EXP4	RECA1	VIDEO RECOUT SELECT (Selected RECA1, RECB1, and RECC1 combination)
	EXP5	RECB1	VIDEO RECOUT SELECT (Selected RECA1, RECB1, and RECC1 combination)
	EXP6	RECC1	VIDEO RECOUT SELECT (Selected RECA1, RECB1, and RECC1 combination)
	EXP7	V1INH	L: VIDEO RECOUT (VCR-1)
	EXP8	V2INH	L: VIDEO RECOUT (VCR-2)
IC305	EXP9	V3INH	L: VIDEO RECOUT (VCR-3)
	EXP10	VRECMUTE	H: VIDEO RECOUT OFF
	EXP11	VSOURCE	H: VIDEO signal selected
	EXP12	VOUTMUTE	H: VIDEO signal unselected
	EXP13	VOSDON	OSD display control (Same control with S1 port)
	EXP14	S1	OSD display
	EXP15	S2	OSD display
	EXP16	VSELTV	COMPONENT VIDEO switch control, H: TV (H: AVC-N, VIDEO2)
IC310	EXP17	VSELDBS	COMPONENT VIDEO switch control, H: DBS (H: AVC-N, VIDEO3)
	EXP18	VSELDVD	COMPONENT VIDEO switch control, H: DVD (H: AVC-N, VIDEO1)
	EXP19	CMULTIA	MULTI1 composite select
	EXP20	CMULTIB	MULTI1 composite select
	EXP21	CMULTIC	MULTI1 composite select
	EXP22	VMULMUTE	H: MULTI1 OFF
	EXP23	NC	Not used
	EXP24	NC	Not used
IC311	EXP25	VOUTSELA	COMPOSITE VIDEO MONITOR1 output switching control (BU4052BCF)
	EXP26	VOUTSELB	COMPOSITE VIDEO MONITOR1 output switching control (BU4052BCF)
	EXP27	NC	Not used
	EXP28	VSEL SSIGUP	COMPONENT VIDEO MONITOR output switching control (RELAY)
	EXP29	VSEL COMPDET	COMPONENT VIDEO input signal detect circuit control (RELAY), Fixed to H
	EXP30	NC	Not used
	EXP31	NC	Not used
	EXP32	NC	Not used
IC312	EXP33	SOUT SELA	Switching control for S MONITOR output (BU4052BCF)
	EXP34	SOUT SELB	Switching control for S MONITOR output (BU4052BCF)
	EXP35	VSOSDSELA	Input signal switching control for OSD IC (BU4052BCF)
	EXP36	VSOSDSELB	Input signal switching control for OSD IC (BU4052BCF)
	EXP37	CROMASELA	Chrome decoder input signal switching control terminal (BU4052BCF)
	EXP38	CROMASELB	Chrome decoder input signal switching control terminal (BU4052BCF)
	EXP39	CROMASELC	Chrome decoder input signal switching control terminal (BU4052BCF)
	EXP40	NC	Not used

	Port	Symbol	Function
IC510	EXP1	DINA	DIGITAL INPUT SELECTOR control
	EXP2	DINB	DIGITAL INPUT SELECTOR control
	EXP3	DINC	DIGITAL INPUT SELECTOR control
	EXP4	DIND	DIGITAL INPUT SELECTOR control
	EXP5	DINE	DIGITAL INPUT SELECTOR control
	EXP6	DINF	DIGITAL INPUT SELECTOR control
	EXP7	DOUTA	DIGITAL RECOUT SELECTOR control
	EXP8	DOUTB	DIGITAL RECOUT SELECTOR control
IC515	EXP9	DOUTC	DIGITAL RECOUT SELECTOR control
	EXP10	DOUTD	DIGITAL RECOUT SELECTOR control
	EXP11	DOUTE	DIGITAL RECOUT SELECTOR control
	EXP12	DOUTF	DIGITAL RECOUT SELECTOR control
	EXP13	DOUTG	DIGITAL RECOUT SELECTOR control
	EXP14	DOUTH	DIGITAL RECOUT SELECTOR control
	EXP15	_DEMOD_RESET	DEMODULATOR reset output (H: Reset)
	EXP16	DEMOD_ON	DEMODULATOR osc. control output (L: Osc.)
IC609	EXP1	SB VR MUTE	SURROUND BACK AMP input muting control, L: Muting
	EXP2	Z2 MUTE	RCA PINJACK output muting control for ZONE2, L: Muting
	EXP3	TDEF. RL	L: TONE DEFEAT
	EXP4	SUR/SBRL (SB TDF. RL)	Same control with TDEF.RL in normal, L: POWER AMP ASSIGN
	EXP5	H/PRL	H/P RELAY control (H: ON)
	EXP6	LIMIT	Current limitter control for POWER AMP all channel, H: LIMITTER ON
	EXP7	A+B LIMIT	SURROUND AMP current limitter control, H: SURROUND SP A+B
	EXP8	CD/DVDRL	H: INPUT FUNCTION DVD, L: Other than DVD
IC610	EXP9	Z1 MUTE	RCA PINJACK output muting control for ZONE1, L: Muting
	EXP10	SB. MUTE	SURROUND BACK PREOUT output muting control, L: Muting
	EXP11	SUR. MUTE	SURROUND PREOUT output muting control, L: Muting
	EXP12	SW. MUTE	SUBWOOFER PREOUT output muting control, L: Muting
	EXP13	C. MUTE	CENTER PREOUT output muting control, L: Muting
	EXP14	F. MUTE	FRONT PREOUT output muting control, L: Muting
	EXP15	VR. MUTE	POWER AMP input muting control, L: Muting
	EXP16	-6dB MUTE	Fixed to L (VR –6dB Mute/L: Muting)
IC611	EXP1	TSTBF	TONE CONTROL IC STROBE signal (FRONT CH STROBE)
	EXP2	TSTBC	TONE CONTROL IC STROBE signal (CENTER CH STROBE)
	EXP3	TSTBSW	TONE CONTROL IC STROBE signal (SUBWOOFER CH STROBE)
	EXP4	TSTBSUR	TONE CONTROL IC STROBE signal (SURROUND CH STROBE)
	EXP5	TSTBSB	TONE CONTROL IC STROBE signal (SURROUND BACK CH STROBE)
	EXP6	FSTBA	AUDIO FUNCTION SELECTOR IC STROBE signal (IC201 L-CH M-ZONE1&REC/M-ZONE2 SELECTOR)
	EXP7	FSTBB	AUDIO FUNCTION SELECTOR IC STROBE signal (IC202 L/R-CH INPUT SELECTOR)
	EXP8	FSTBC	AUDIO FUNCTION SELECTOR IC STROBE signal (IC203 R-CH M-ZONE1&REC/M-ZONE2 SELECTOR)
IC612	EXP9	FSTBD	AUDIO FUNCTION SELECTOR IC STROBE signal (IC204 L/R-CH REC INH SELECTOR)
	EXP10	FSTBE	EXT.IN INPUT SELECTOR IC STROBE signal (5803 only)
	EXP11	NC	Not used
	EXP12	NC	Not used
	EXP13	NC	Not used
	EXP14	NC	Not used
	EXP15	NC	Not used
	EXP16	NC	Not used

	Port	Symbol	Function
IC618	EXP17	EXT/ANALOGRL	FRONT ch signal switching (Sig. switch EXT.IN/ANALOG), L: EXT.IN, H: Others
	EXP18	DIRECTRL	FRONT ch signal switching (ANALOG DIRECT Sig. switch), L: ANALOG DIRECT, H: Others
	EXP19	DSPOUTRL	All ch signal switching, L: DSP (DIGITAL) Sig. Out, H: ANALOG
	EXP20	EXT1RL	EXTIN-1, EXTIN-2 switching (H: EXTIN-2, L: Others)
	EXP21	LARGERL	SMALL/LARGE switching (L: SMALL)
	EXP22	SWEXTRL	H: EXT.IN, L: Other INPUT MODE (for Subwoofer)
	EXP23	SBACKRL	SURROUND BACK AMP ASSIGN switching (H: ASSIGN, L: Others)
	EXP24	NC	Not used
IC623	EXP25	SLSR_RL	H: When Subwoofer off at Speaker Config. and Surround SP Large (5803 only)
	EXP26	FLFR_RL	H: When Center Norm. or Subwoofer off at Speaker Config. (5803 only)
	EXP27	BYAMPRL	Not used
	EXP28	AD IN SEL RL	Fixed to L (5803 only)
	EXP29	NC	NC
	EXP30	NC	NC
	EXP31	NC	NC
	EXP32	NC	NC
IC708	EXP9	POM WR_MAIN_ucom	ROM rewrite control port (H: Normal, L: Main-mcom selected)
	EXP10	POM WR_SUB_ucom	ROM rewrite control port (H: Normal, L: Sub-mcom selected)
	EXP11	POM WR_DSP1	ROM rewrite control port (H: Normal, L: DSP1-mcom selected)
	EXP12	POM WR_DSP2	ROM rewrite control port (H: Normal, L: DSP2-mcom selected)
	EXP13	POM WR_iLink_ucom	ROM rewrite control port (H: Normal, L: iLink-mcom selected)
	EXP14	POM WR_DSP1/2 SEL	ROM rewrite control port (H: Normal, H: DSP1 selected, L: DSP2 selected)
	EXP15	NC	Not used
	EXP16	NC	Not used
IC709	EXP1	FRONT SP	Relay control for FRONT SP
	EXP2	CENTER SP	Relay control for CENTER SP
	EXP3	SURROUND A SP	Relay control for SURROUND-A SP
	EXP4	SURROUND B SP	Relay control for SURROUND-B SP
	EXP5	SURROUND BACK SP	Relay control for SURROUND BACK SP
	EXP6	ZONE2 OUT SP	Relay control for ZONE2 OUT SP (ZONE2 MULTI ROOM SP)
	EXP7	MULTI ROOM POWER	Power Amp control for MULTI ROOM (H: M-ZONE1 POWER ON)
	EXP8	T-MUTE	Tuner Mute control
IC721	EXP17	AD IN SEL	H: EXT.IN (MODE=DSP) (AVR-5803 only)
	EXP18	SW SEL	Analog Subwoofer output switching relay
	EXP19	ST/MONO	STREO/MONO control signal (L: STREO)
	EXP20	VIDEO POWER	VIDEO Power ON/OFF switching (H: ON)
	EXP21	12V TRIGER	(SP-EXP7: Same control with MULTI ROOM POWER)
	EXP22	NC	Not used
	EXP23	NC	Not used
	EXP24	NC	Not used

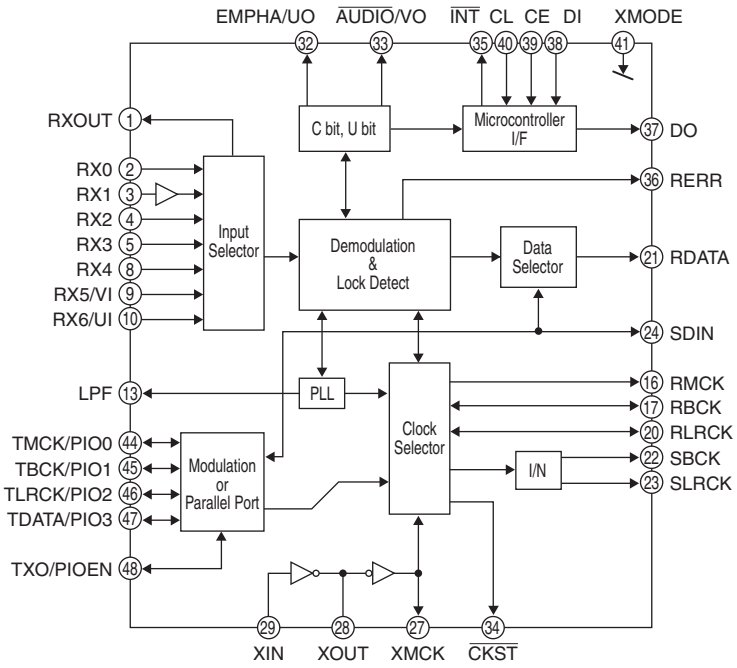
M35015-210SP (IC302)

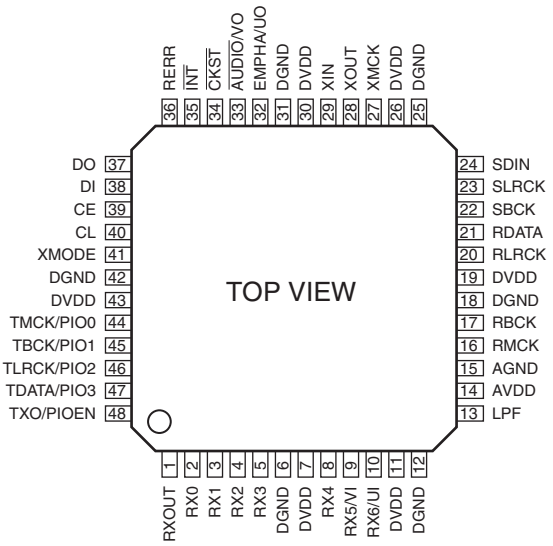


M35015-210SP Terminal Function

Pin No.	Symbol	Name	I/O	Function
1	OSC1	Osc. circuit ext. terminal.	I	External terminal for indication oscillator circuit. Standard OSC. freq. is approx. 7MHz.
2	OSC2		O	With this OSC. freq., decides horizontal indicatin and character width.
3	$\overline{CS}$	Chip select input	I	Chip select terminal and turns to “L” when transfer serial data. Hysteresis input. Pull up resistor is built-in.
4	SCK	Serial clock input	I	Takes in serial data of SIN at SCK rise when CS terminal is in “L”. Hysteresis input. Pull up rersist is built-in.
5	SIN	Serial data input	I	Serial input of register for indication control and data, and address for indication data memory. Hysteresis input. Pull up rersistor is built-in.
6	$\overline{AC}$	Auto-clear input	I	Resets internal circuit of IC at “L” mode. Hysteresi input. Pull up resistor is built-in.
7	V_{DD2}	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	V_{DD1}	Power supply	—	Power supply terminal of digital system. Connect to +5V.

LC89057W (IC600, 625, 650, 675)





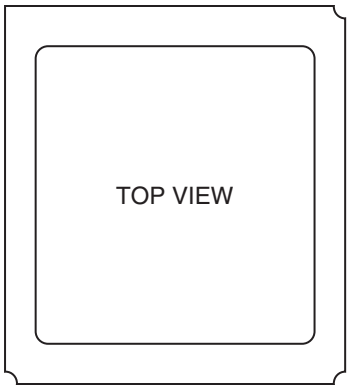
LCW89057W Terminal Function

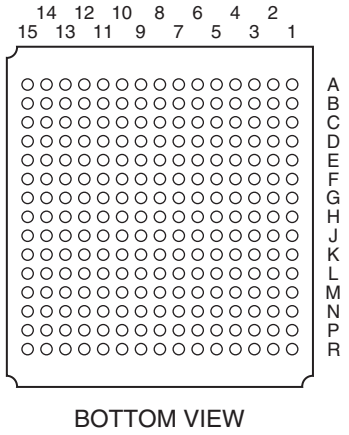
Pin No.	Pin Name	I/O	Function
1	RXOUT	O	Input bi-phase select data output terminal
2	RX0	I_5	TTL compatible digital data input terminal
3	RX1	I	Coaxial compatible amp built-in digital data input terminal
4	RX2	I_5	TTL compatible digital data input terminal
5	RX3	I_5	TTL compatible digital data input terminal
6	DGND	—	Digital GND
7	DVDD	—	Digital power
8	RX4	I_5	TTL compatible digital data input terminal
9	RX5/VI	I_5	TTL compatible digital data/Validity flag input terminal for modulation
10	RX6/UI	I_5	TTL compatible digital data/User data input terminal for modulation
11	DVDD	—	Digital power for PLL
12	DGND	—	Digital GND for PLL
13	LPF	O	PLL loop filter connecting terminal
14	AVDD	—	Analog power for PLL
15	AGND	—	Analog GND for PLL
16	RMCK	O	RMCK clock output terminal (256fs, 512fs, XIN, VCO)
17	RBCK	O/I	RBCK clock in/output terminal (64fs)
18	DGND	—	Digital GND
19	DVDD	—	Digital power
20	RLRCK	O/I	RLRCK clock in/output terminal (fs)
21	RDATA	O	Serial audio data output terminal
22	SBCK	O	SBCK clock output terminal (32fs, 64fs, 128fs)
23	SLRCK	O	SLRCK clock output terminal (fs/2, fs, 2fs)
24	SDIN	I_5	Serial audio data input terminal
25	DGND	—	Digital GND
26	DVDD	—	Digital power
27	XMCK	O	Osc. amp output terminal

Pin No.	Pin Name	I/O	Function
28	XOUT	O	X'tal osc. connecting output terminal
29	XIN	I	X'tal osc. connection, external clock input terminal (24.576MHz or 12.288MHz)
30	DVDD	—	Digital power
31	DGND	—	Digital GND
32	EMPHA/UO	I/O	Emphasis information/U-data output/Chip address setting terminal
33	AUDIO/VO	I/O	Non-PCM detect/V-flag output/ Chip address setting terminal
34	CKST	I/O	Clock switch transition period output/Demodulation master or slave function switching terminal
35	INT	I/O	Interrupt output for mcom (Interrupt factor selectable)/Modulation or general I/O switching terminal
36	RERR	O	PLL lock error, data error flag output
37	DO	O	µcom I/F, read out data output terminal (3-state)
38	DI	I_5	µcom I/F, write data input terminal
39	CE	I_5	µcom I/F, chip enable input terminal
40	CL	I_5	µcom I/F, clock input terminal
41	XMODE	I_5	System reset input terminal
42	DGND	—	Digital GND
43	DVDD	—	Digital power
44	TMCK/PIO0	I/O	256fs system clock input for modulation/General I/O in/output terminal
45	TBCK/PIO1	I/O	64fs bit clock input for modulation/General I/O in/output terminal
46	TLRCK/PIO2	I/O	fs clock input for modulation/General I/O in/output terminal
47	TDATA/PIO3	I/O	Serial audio data input for modulation/General I/O in/output terminal
48	TXO/PIOEN	O/I	Modulation data output/ General I/O enable input terminal

* For latch-up countermeasure, perform each power supply ON/OFF inthe same timing.

ADSP-21161N (IC801, 901)



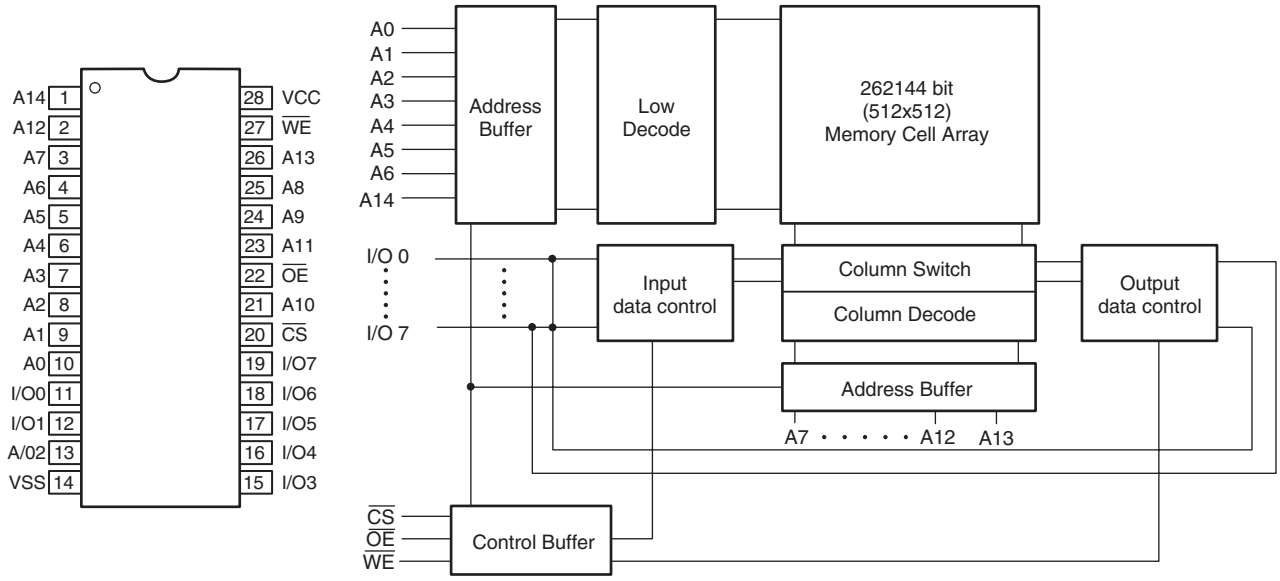


BOTTOM VIEW

ADSP-21161N Terminal Function

Pin Name	Pin No.	Pin Name	Pin No.	Pin Name	Pin No.	Pin Name	Pin No.	Pin Name	Pin No.	Pin Name	Pin No.
NC	A01	SFS0	B05	SFS3	C09	DATA[26]	J12	DATA[21]	K14	NC	R01
BMSTR	A02	SCLK1	B06	L0DAT[6]	C10	DATA[24]	J13	DATA[23]	K15	ADDR[11]	R02
BMS_B	A03	SD2B	B07	L1DAT[7]	C11	DATA[25]	J14	ADDR[13]	P01	ADDR[7]	R03
SPIDS	A04	SD3A	B08	L1DAT[3]	C12	DATA[27]	J15	ADDR[9]	P02	ADDR[3]	R04
EBOOT	A05	L0DAT[7]	B09	L1DAT[1]	C13	ADDR[14]	N01	ADDR[8]	P03	MS3_B	R05
LBOOT	A06	L0CLK	B10	DATA[45]	C14	ADDR[15]	N02	ADDR[4]	P04	PA_B	R06
SCLK2	A07	L0DAT[1]	B11	DATA[47]	C15	ADDR[10]	N03	MS2_B	P05	BR3_B	R07
SD3B	A08	L1DAT[4]	B12	FLAG1	G01	ADDR[5]	N04	SBTS_B	P06	RDL_B	R08
L0DAT[4]	A09	L1ACK	B13	FLAG2	G02	ADDR[1]	N05	BR4_B	P07	CLKOUT	R09
L0ACK	A10	L1DAT[0]	B14	FLAG4	G03	MS0_B	N06	BR1_B	P08	HBR_B	R10
L0DAT[2]	A11	NC	B15	FLAG3	G04	BR5_B	N07	SDCLK1	P09	HBG_B	R11
L1DAT[6]	A12	FLAG5	F01	VDDEXT	G05	BR2_B	N08	SDCLK0	P10	CLKDBL	R12
L1CLK	A13	FLAG7	F02	GND	G06	BRST	N09	REDY	P11	XTAL	R13
L1DAT[2]	A14	FLAG9	F03	GND	G07	SDCKE	N10	CLKIN	P12	SDWE_B	R14
NC	A15	FLAG6	F04	GND	G08	CS_B	N11	DQM	P13	NC	R15
FLAG10	E01	VDDINT	F05	GND	G09	CLK_CFG1	N12	AVSS	P14	DATA[31]	H15
RESET_B	E02	GND	F06	GND	G10	CLK_CFG0	N13	DMAR2_B	P15	ADDR[16]	M01
FLAG8	E03	GND	F07	VDDEXT	G11	AVDD	N14	DATA[32]	G15	ADDR[12]	M02
SD0A	E04	GND	F08	DATA[34]	G12	DMARI1_B	N15	ADDR[19]	L01	ADDR[18]	M03
VDDEXT	E05	GND	F09	DATA[35]	G13	DATA[36]	F15	ADDR[17]	L02	ADDR[6]	M04
VDDINT	E06	GND	F10	DATA[33]	G14	TIMEXP	K01	ADDR[21]	L03	ADDR[0]	M05
VDDEXT	E07	VDDINT	F11	DATA[41]	E15	ADDR[22]	K02	ADDR[2]	L04	MS1_B	M06
VDDINT	E08	DATA[37]	F12	IRQ2_B	J01	ADDR[20]	K03	VDDEXT	L05	BR6_B	M07
VDDEXT	E09	DATA[40]	F13	ID1	J02	ADDR[23]	K04	VDDINT	L06	VDDEXT	M08
VDDINT	E10	DATA[38]	F14	ID2	J03	VDDINT	K05	VDDEXT	L07	WRL_B	M09
VDDEXT	E11	TMS	C01	ID0	J04	GND	K06	VDDINT	L08	SDA10	M10
L0DAT[0]	E12	EMU_B	C02	VDDEXT	J05	GND	K07	VDDEXT	L09	RAS_B	M11
DATA[39]	E13	GND	C03	GND	J06	GND	K08	VDDINT	L10	ACK	M12
DATA[43]	E14	SPICLK	C04	GND	J07	GND	K09	VDDEXT	L11	DATA[17]	M13
TRST_B	B01	SD08	C05	GND	J08	GND	K10	CAS_B	L12	DMAG2_B	M14
TD1	B02	SD1A	C06	GND	J09	VDDINT	K11	DATA[20]	L13	DMAG1_B	M15
RPBA	B03	SD2A	C07	GND	J10	DATA[22]	K12	DATA[16]	L14		
MOSI	B04	SFS2	C08	VDDEXT	J11	DATA[19]	K13	DATA[18]	L15		

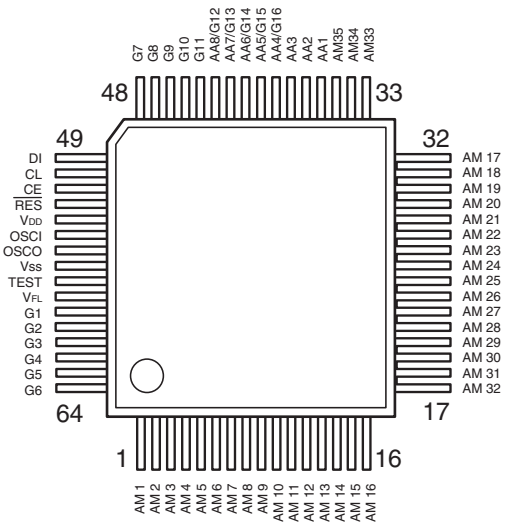
W24257S-70LL (IC528)



Terminal Function

Pin. No.	Symbol	I/O	Function
1 ~ 10	A0 ~ A7, A12, A14	I	32k byte memory address input
11 ~ 13	I/O0 ~ I/O2	I/O	8 bit data input/output
14	Vss	—	GND
15 ~ 19	I/O3 ~ I/O7	I/O	8 bit data input/output
20	$\overline{CS}$	I	Chip select control input
21	A10	I	32k byte memory address input
22	$\overline{OE}$	I	Output enable control input
23 ~ 26	A8, A9, A11, A13	I	32k byte memory address input
27	$\overline{WE}$	I	Write enable control input
28	Vcc	—	+5V power supply

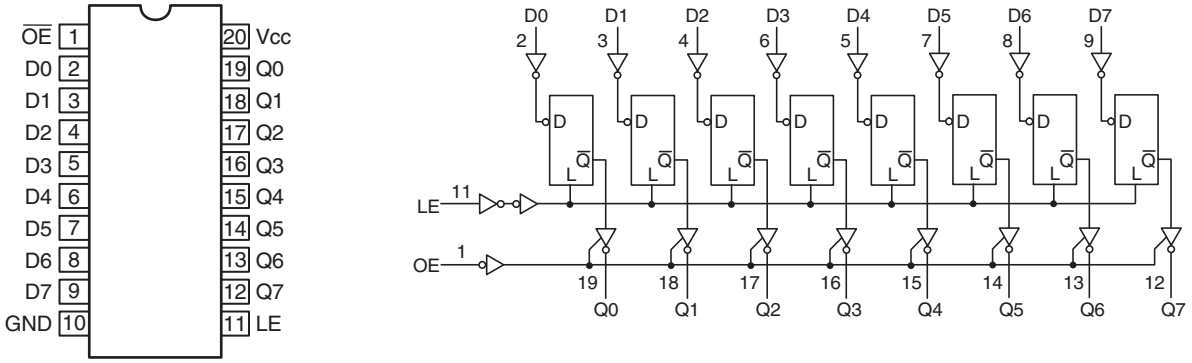
LC75721E (IC102)



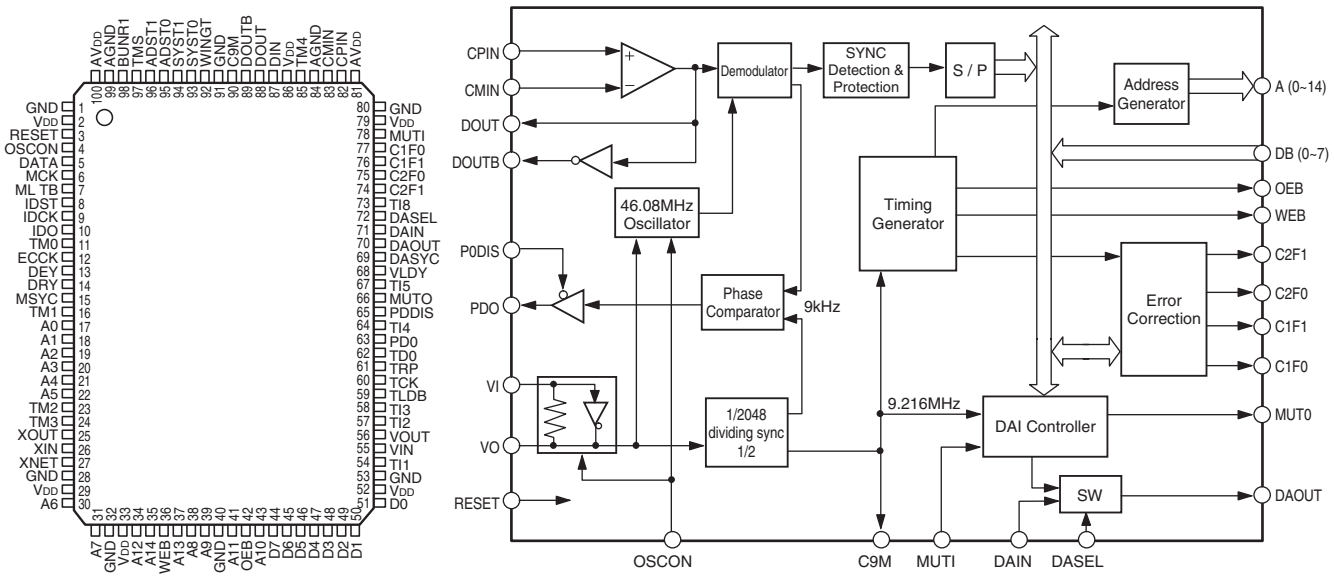
Terminal Function

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

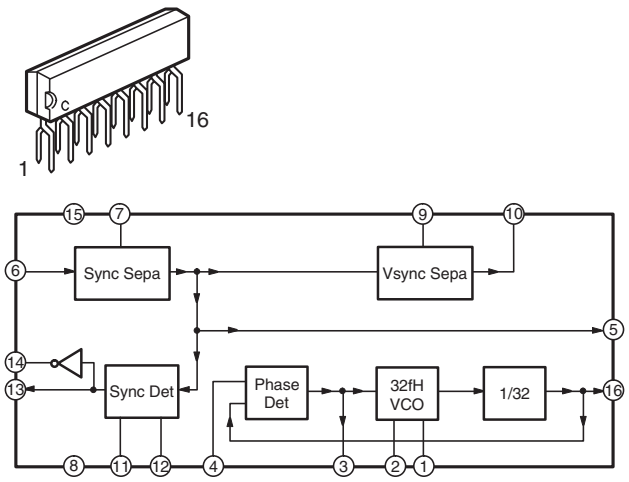
SN74LV573APW (IC803, 804, 903, 904)



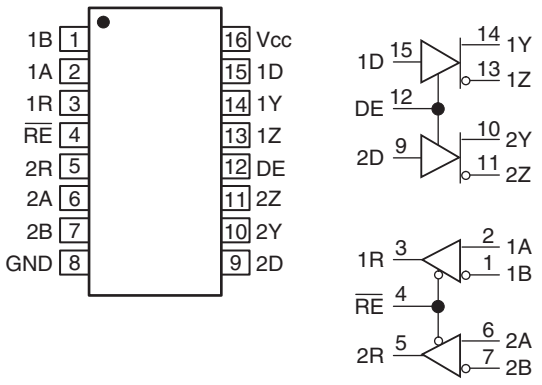
PM4007A (IC527)



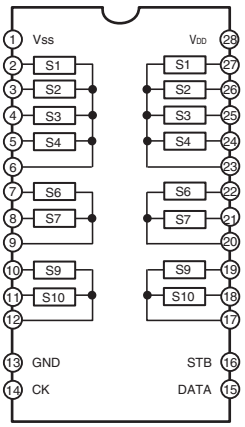
NJM2229S (IC303)



SN65LVDS050D (IC610)



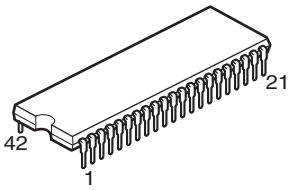
TC9273N-016 (IC110, 204)

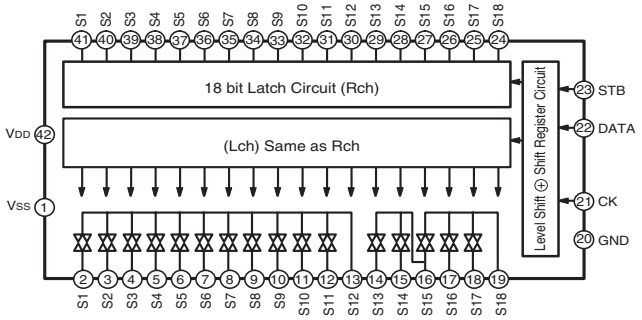


Terminal Function

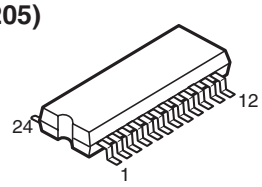
Pin No.	Symbol	Name	Function	Note
1	Vss	–Power Terminal	Dual Power Use: V_{DD} = 8.0~17V, GND = 0V, Vss = -8.0~17V / Single Power Use: V_{DD} = 8.0~18V, Vss = GND = 0V	—
13	GND	Digital Ground		
28	VDD	+Power Terminal		
2~12, 17~27	S1~11	I/O Terminal	Input terminal of analog switch.	—
14	CK	Clock Input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

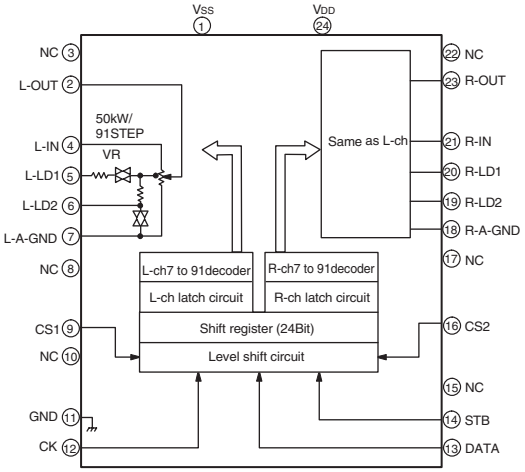
TC9274N-011 (IC201~203)



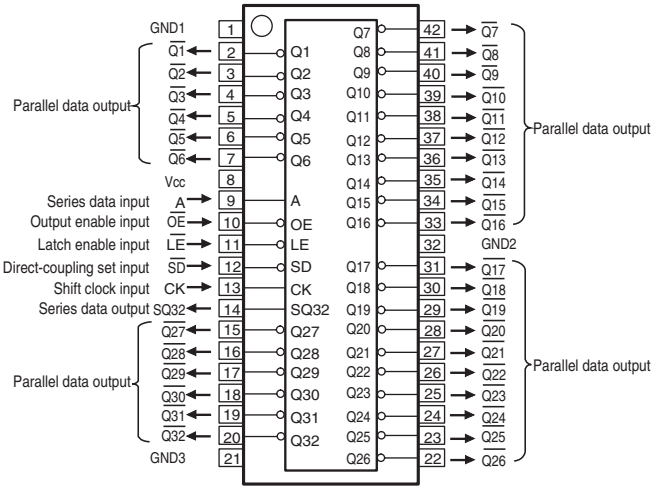


TC9459F (IC205)

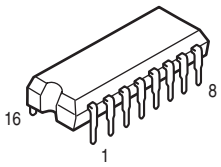


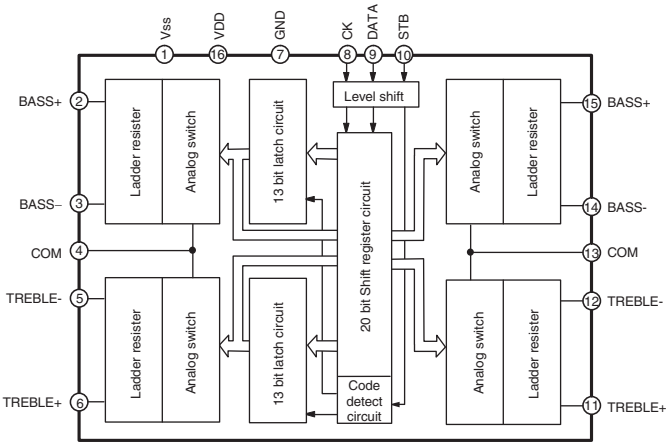


M66313FP (IC101)

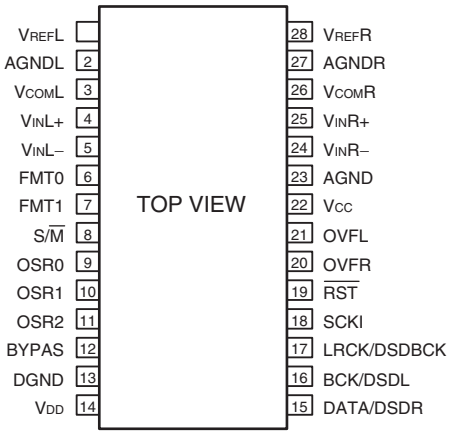


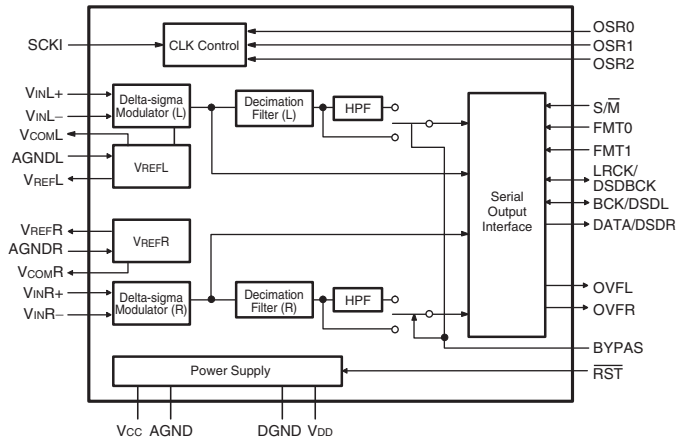
TC9184AP (IC613~617)





PCM1804 (IC806, 856, 906, 956)



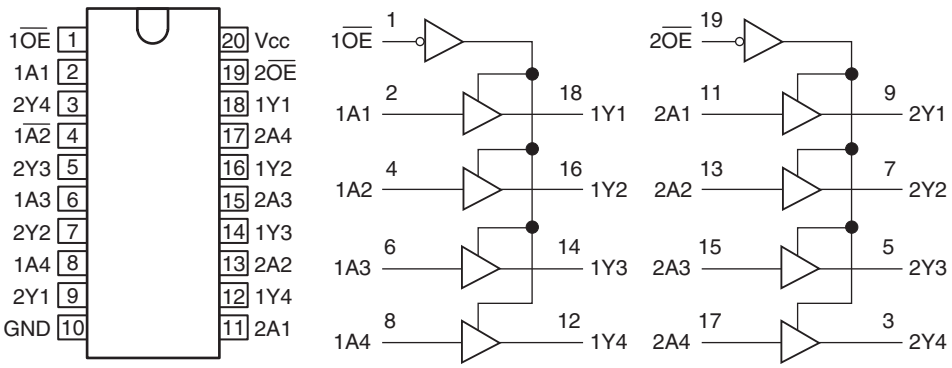


PCM1804 Terminal Function

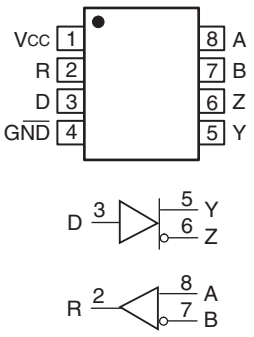
Pin No.	Pin Name	I/O	Function
1	VREFL	—	L-channel voltage reference output, requires capacitors for decoupling to AGND.
2	AGNDL	—	Analog ground for VREFL.
3	VCOML	—	L-channel analog common mode output.
4	VINL+	I	L-channel analog input, positive pin.
5	VINL–	I	L-channel analog input, negative pin.
6	FMT0	I	Audio data format 0. See TABLE V. *
7	FMT1	I	Audio data format 1. See TABLE V. *
8	S/$\overline{M}$	I	Master/slave mode selection. See TABLE IV. *
9	OSR0	I	Oversampling ratio 0. See TABLE I. TABLE II. *
10	OSR1	I	Oversampling ratio 1. See TABLE I. TABLE II. *
11	OSR2	I	Oversampling ratio 2. See TABLE I. TABLE II. *
12	BYPAS	I	HPF bypass control. HIGH: HPF disable, LOW: HPF enable. ***
13	DGND	—	Digital ground.
14	VDD	—	Digital power supply.
15	DATA/DSDR	O	L-channel and R-channel audio data output in PCM mode. R-channel Audio data output in DSD mode.(DSD output, when DSD mode)
16	BCK/DSDL	I/O	Bit clock input/output in PCM mode. L-channel audio data output in DSD mode. ***
17	LRCK/DSDBCK	I/O	Sampling clock input/output in PCM and DSD mode. ***
18	SCKI	I	System clock input; 128fs, 256fs, 384fs, 512fs or 768fs. **
19	$\overline{RST}$	I	Reset, power down input, active LOW. *
20	OVFR	O	Overflow signal of R-channel in PCM mode. This is available in PCM mode only.
21	OVFL	O	Overflow signal of L-channel in PCM mode. This is available in PCM mode only.
22	VCC	—	Analog power supply.
23	AGND	—	Analog ground.
24	VINR–	I	R-channel analog input, negative pin.
25	VINR+	I	R-channel analog input, positive pin.
26	VCOMR	—	R-channel analog common mode output.
27	AGNDR	—	Analog ground for VREFR.
28	VREFR	—	R-channel voltage reference output, requires capacitors for decoupling to AGND.

* Schmitt trigger input with internal pull-down (51kW typically), 5V tolerant.
** Schmitt trigger input, 5V tolerant.
*** Schmitt trigger input.

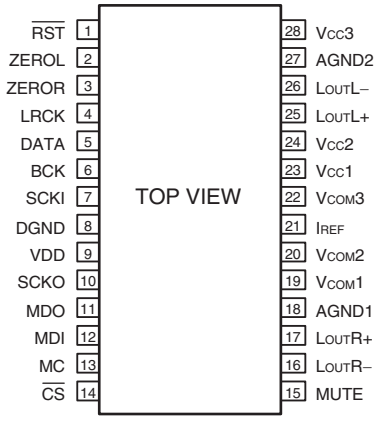
SN74LV244APW (IC613, 614)

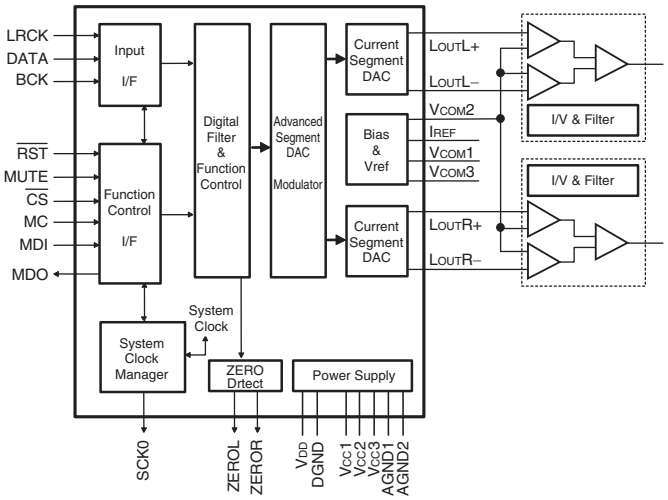


SN65LVDS179DGK (IC524)



PCM1738 (IC103, 203, 303, 403)



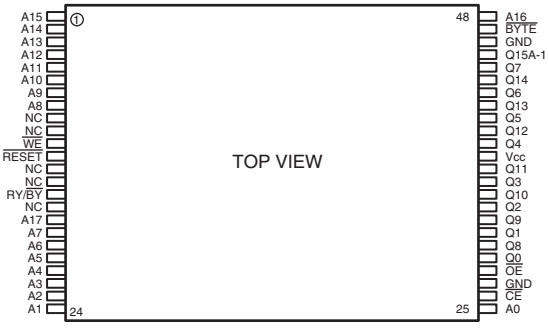


Pin Assignments

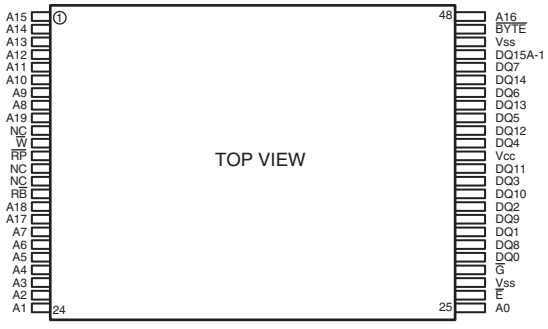
Pin No.	Pin Name	Type	Function
1	RST	IN	Reset (1)
2	ZEROL	OUT	Zero Flag for L-channel
3	ZEROR	OUT	Zero Flag for R-channel
4	LRCK	IN	Left and Right Clock(fs). Input for Normal operation. WDCK clock input in External DF mode. Connected to GND in DSD mode. (1)
5	DATA	IN	Serial Audio Data Input for Normal operation. L-channel audio data input for External DF and DSD modes.
6	BCK	IN	Bit Clock Input. Connected GND for DSD mode. (1)
7	SCKI	IN	System Clock Input. BCK(64fs) clock input for DSD mode
8	DGND	—	Digital Ground
9	VDD	—	Digital Supply, +3.3V
10	SCKO	OUT	System Clock Output
11	MDO	OUT	Serial data output for function control register (2)
12	MDI	IN	Serial data input for function control register (1)
13	MC	IN	Shift Clock for function control register (1)
14	CS	IN	Mode control chip select and latch signal (1)
15	MUTE	IN	Analog output mute control for normal operation R-channel audio data input for external DF mode and DSD mode.
16	IOUTR–	OUT	R-channel Analog Current Output–
17	IOUTR+	OUT	R-channel Analog Current Output+
18	AGND1	—	Analog Ground
19	VCOM1	—	Internal bias de-coupling pin
20	VCOM2	—	Common voltage for I/V
21	IREF	—	Output current reference bias pin. Connect 16k register to GND
22	VCOM3	—	Internal bias de-coupling pin
23	VCC1	—	Analog Supply, +5.0V
24	VCC2	—	Analog Supply, +5.0V
25	IOUTL+	OUT	L-channel Analog Current Output+
26	IOUTL–	OUT	L-channel Analog Current Output–
27	AGND2	—	Analog Ground
28	VCC3	—	Analog Power Supply, +5.0V

NOTES:
(1) Schmitt trigger input, 5V tolerant.
(2) Tristate output.

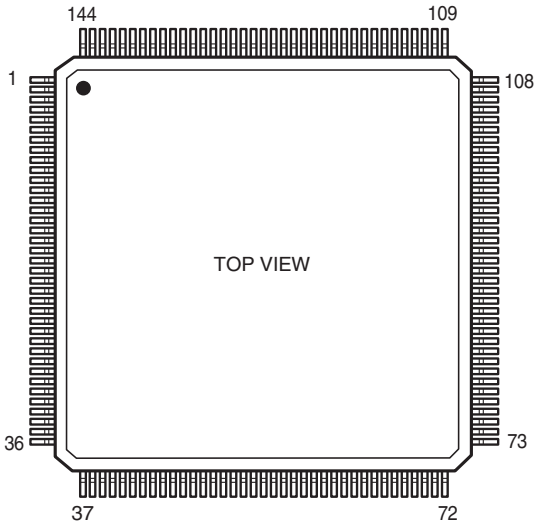
MX29F400TTC (IC712)



M29W160DB (IC805, 905)



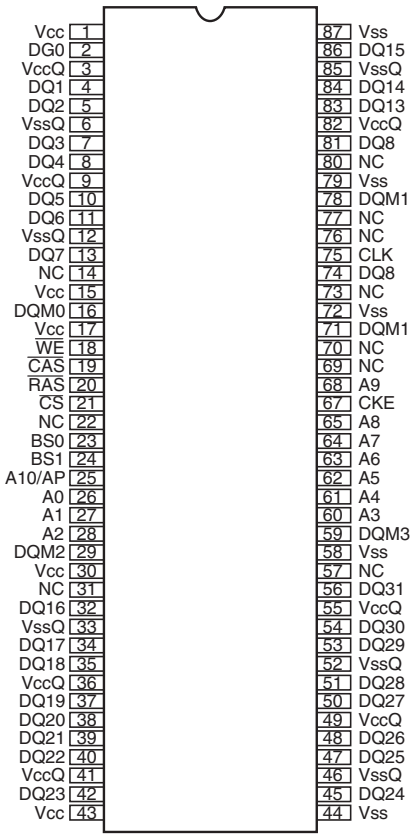
EPM3128A (IC611)



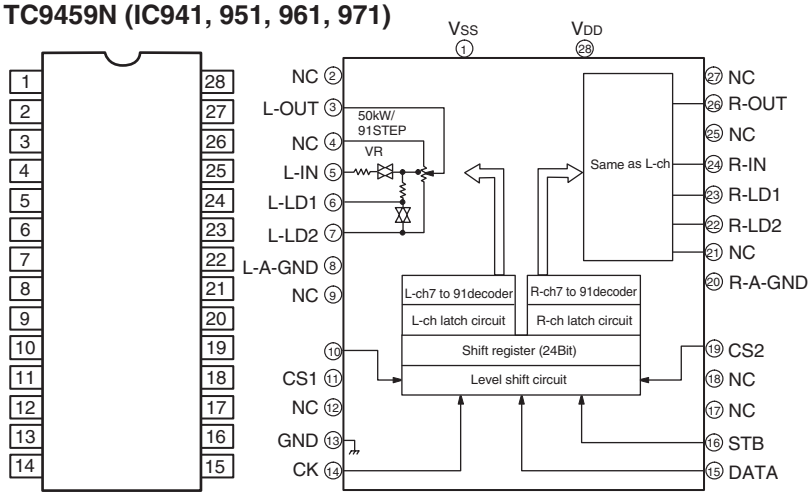
Feature

Usable gates	2,500
Macrocells	128
Logic array blocks	8
Maximum user I/O pins	96
t_{PD} (ns)	5.0
t_{SU} (ns)	3.3

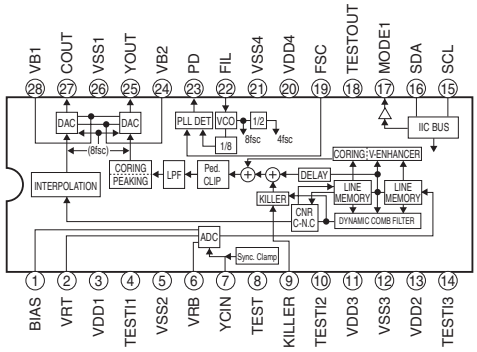
64M SDRAM (TSOP) (IC806, 906)



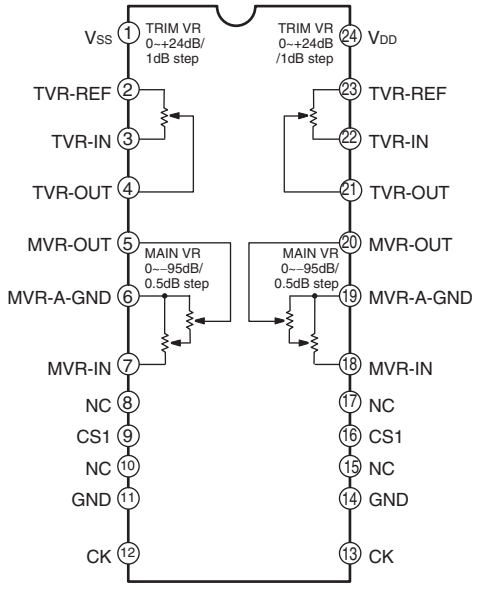
TC9459N (IC941, 951, 961, 971)



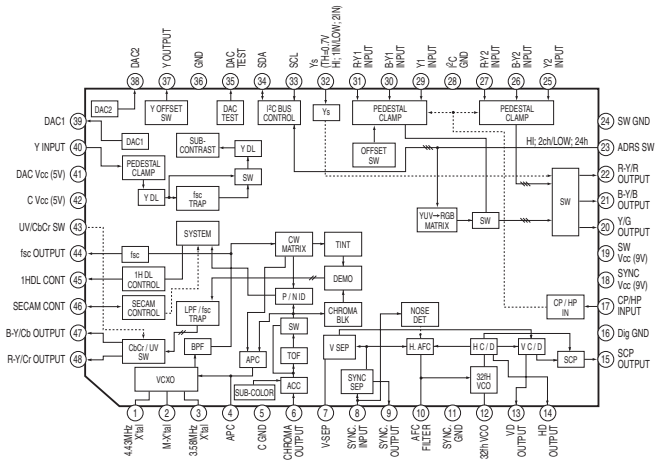
TC90A69F (IC603)



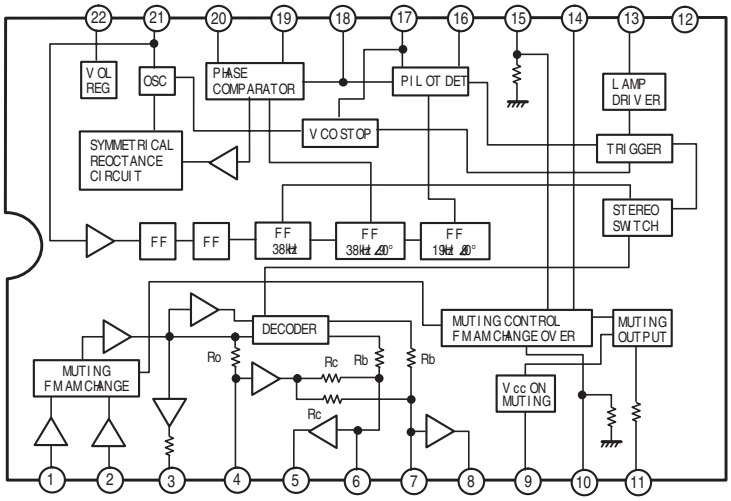
TC94A17F
(IC303, 304, 311, 312, 319, 320, 327, 328)



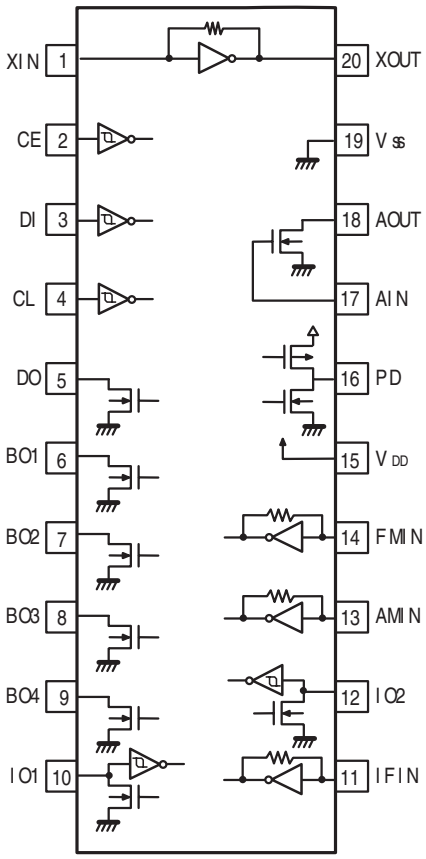
TA1270BF (IC616)



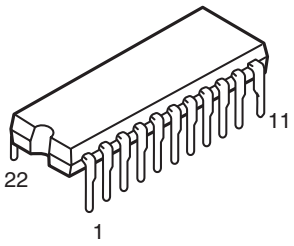
LA3401
(IC302/AVR-5803 only)

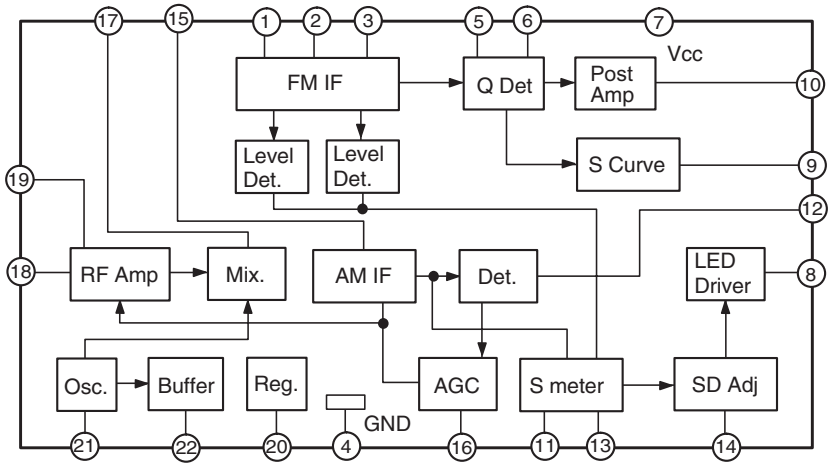


LC72131M
(IC307/AVR-5803 only)

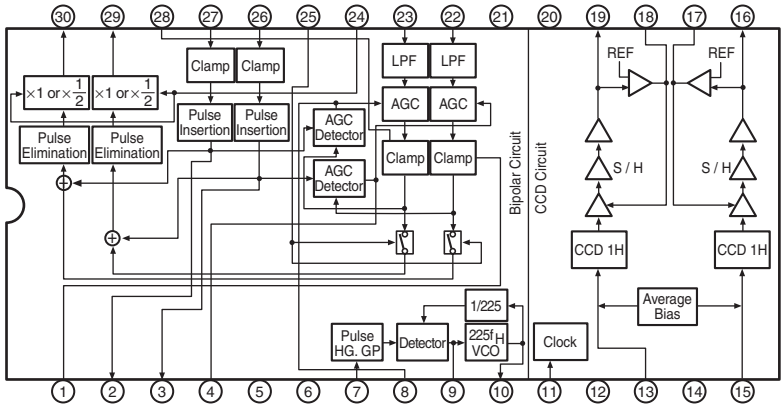


LA1265 (S)
(IC303/AVR-5803 only)

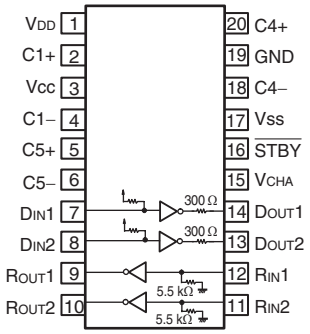




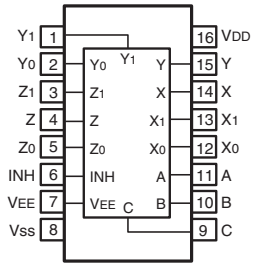
TA8772AN (IC615)



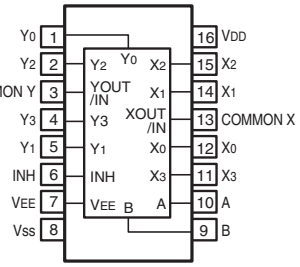
μPD4721GS-GJG (IC501)



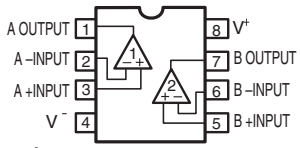
BU4053BCF (IC307, 308, 309, 512, 513)



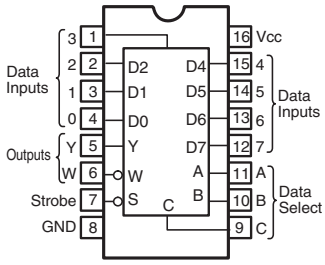
BU4052BCF (IC308, 311, 314, 514, 515, 606, 607, 613)



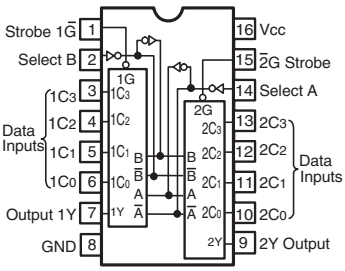
BA15218F (IC206,207,606~608,620,622,820)
BA4510F (IC803~805,853~855,903~905,953~955)
BA4560F (IC525)
LM833MX (IC102~112,802~805)
NJM2068MD (IC101,103,108,109,111~114,201~209, 308,309,408,409,601~604,801,851,901, 942,951,952,962,972)
NJM4556AD (IC801)
NJM5532MD (IC106,107,206,207,301,302,305~307,309, 310,313,314,317,318,321,322,325,326,329, 330,406,407)
OP275GSR (IC104,105,204,205,304,305,307,315,323, 331,404,405)
TK15420MTL(IC301~303,306,307,310,313,501~505, 510,511,516,526, 608,609,611,612, 701,702,705,706)



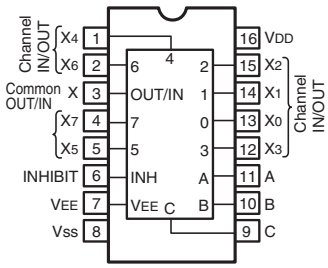
SN74HC151APW (IC516~519)



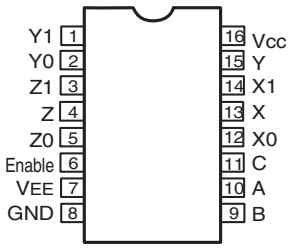
SN74HC153APW (IC520)



BU4051BCF (IC304,305,309,506~509)



MC74HC4053N (IC301)

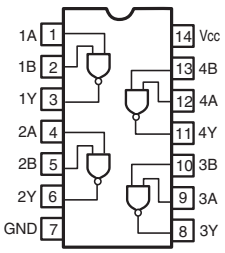


Truth Table

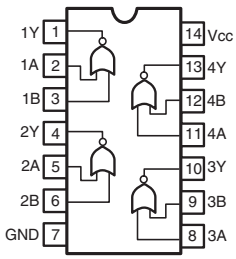
Control Inputs				
	Select			
Enable	C	B	A	ONSwitches
L	L	L	L	Z0 Y0 X0
L	L	L	H	Z0 Y0 X1
L	L	H	L	Z0 Y1 X0
L	L	H	H	Z0 Y1 X1
L	H	L	L	Z1 Y0 X0
L	H	L	H	Z1 Y0 X1
L	H	H	L	Z1 Y1 X0
L	H	H	H	Z1 Y1 X1
H	X	X	X	None

X = Don't Care

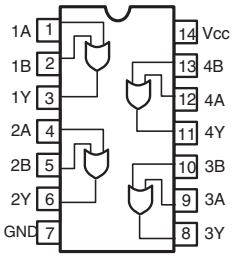
SN74LV00APW (IC111,707)



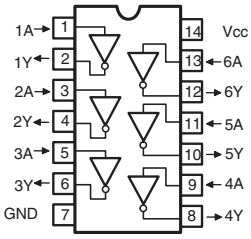
SN74LV02APW (IC802,902)



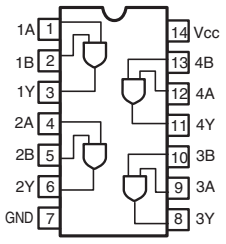
TC74HC32AF (IC624)
SN74AHCT32PW (IC909,910)
SN65LVDS32PW (IC523)



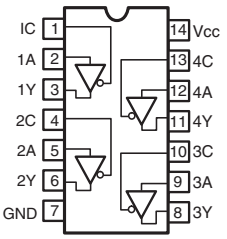
TC74VHCU04FT (IC511~514)



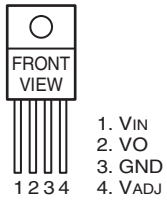
SN74LV08APW (IC110,710,911)
SN74AHCT08PW (IC706,711)



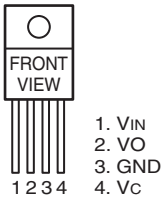
SN74LV125APW (IC702~705)



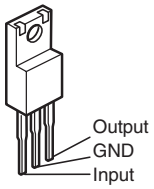
PQ30RV11 (IC201)



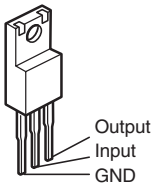
PQ018EF01SZ (IC717,718)



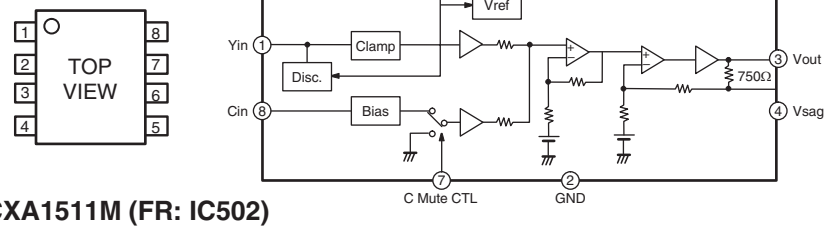
BA033FP (IC715,716,958)
BA033T (IC304)
KIA78R09PI (IC509)
KIA78R12PI (IC723)
NJM7812FA(S)(IC103,107, 302,306,502)
NJM7815FA(S)(IC312)
NJM7820FA(S)(IC501)



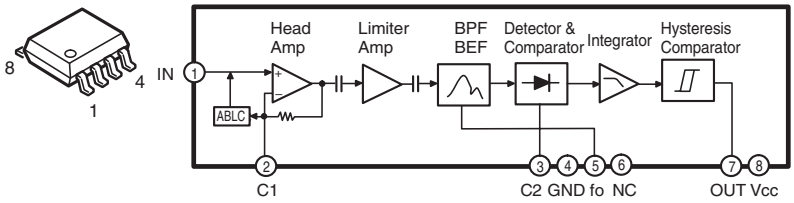
NJM7905FA (IC104,307)
NJM7915FA (IC313)



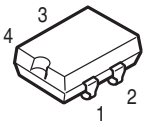
NJM2274R (IC315)



CXA1511M (FR: IC502)



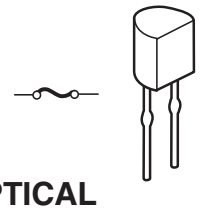
FCX0-03 (IC677,808)



1. OE or ST
2. GND
3. OUT
4: V_{DD}

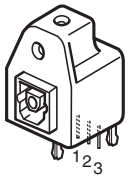
● IC PROTECTOR

ICP-N15 (IC101,102,105,106,202)



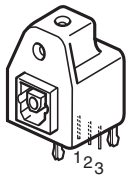
● OPTICAL

TORX141 (IC501~506)



1. Vcc
2. GND
3. Vout

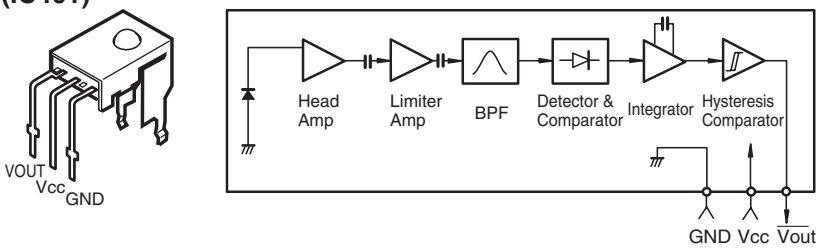
TOTX141 (IC507,508)



1. Vin
2. Vcc
3. GND

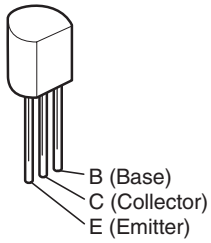
● OTHERS

GP1U271X (Remote Control Sensor) (IC401)

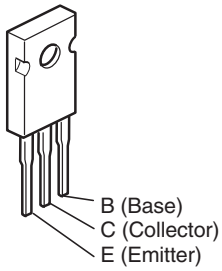


● TRANSISTORS

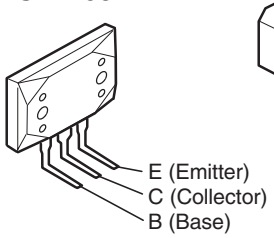
2SA988 (E/F)
2SA1020 (Y)
2SC1740S
2SC1841 (E/F)
2SC2240 (BL)
2SC2655 (Y)
KTC2874B



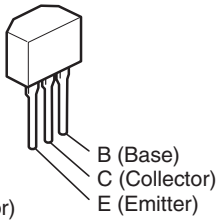
2SA1546 (L)
2SC4001 (M/L)



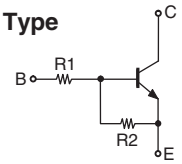
MN1715
MP1715
2SA1493



DTC114ES
DTC144ES



NPN Type



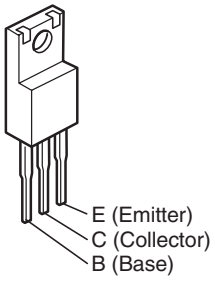
	R1	R2
DTA114ES	10kohm	10kohm
DTA144ES	47kohm	47kohm

2SB1412TL

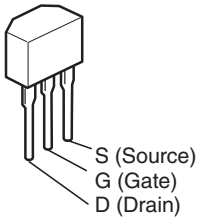


E (Emitter)
C (Collector)

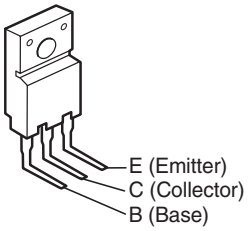
2SC4495
2SB1186A



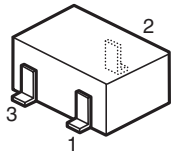
2SK184C (GR)/(BL)



2SA1907 (O/P/Y)
2SC5099 (O/P/Y)

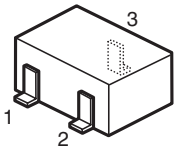


DTA114EK
DTA114TK (AVR-5803 only)
DTC114EK
DTC114YK
DTC143EK
DTC144EK
DTC323TK (AVR-5803 only)
KRC102S
RN2402 (AVR-5803 only)



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

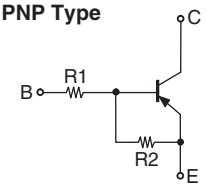
2SK771



1: S(Source)
2: D(Drain)
3: G(Gate)

DTA114EK
DTA114TK
RN2402

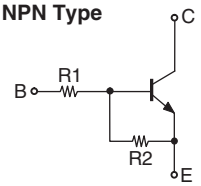
PNP Type



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

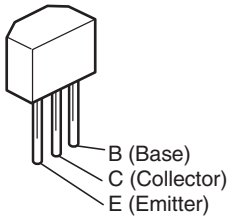
DTC114EK
DTC143EK
DTC144EK
DTC323TK
DTC114YK
KRC102S

NPN Type

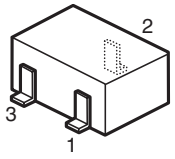


	R1	R2
DTC114EK	10kohm	10kohm
KRC102S	10kohm	10kohm
DTC143EK	4.7kohm	4.7kohm
DTC144EK	47kohm	47kohm
DTC323TK	2.2kohm	—
DTC114YK	10kohm	47kohm

2SA933S (S)
2SC1740S (S)/(E)



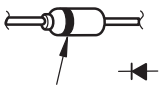
2SA1037K (S/R)
2SA1163
2SA1182 (Y/O)
2SB709A
2SC2412K
2SD601A
2SC2996 (Y)(AVR-5803 only)
2SC2875B



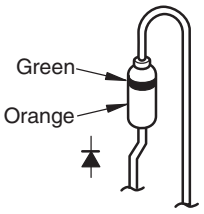
1: (Emitter)
2: (Collector)
3: (Base)

● DIODES (LED Included)

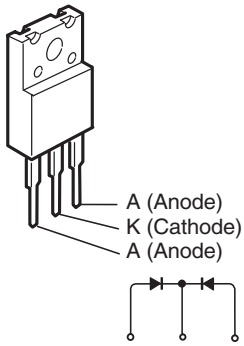
1SS270A



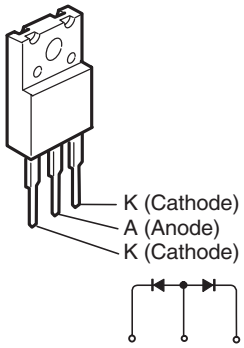
1SR35-400A



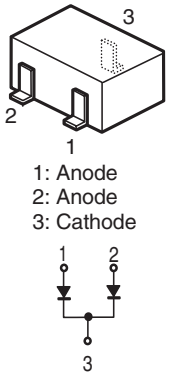
FMG-22S
FCH20A15



FMG-22R

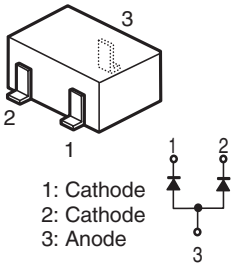


DAN202K
KDS184



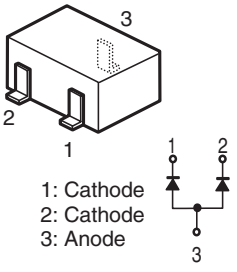
1: Anode
2: Anode
3: Cathode

DAP202K
KDS181



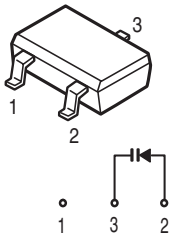
1: Cathode
2: Cathode
3: Anode

KDS226

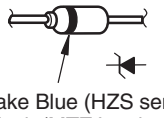


1: Cathode
2: Cathode
3: Anode

KV1851-TL

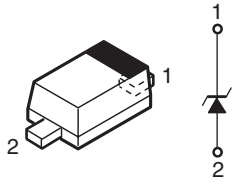


HZS4A-1
HZS4B-2
HZS33-2
MTZJ4.7A
MTZJ6.2A
MTZJ9.1A
MTZJ18A

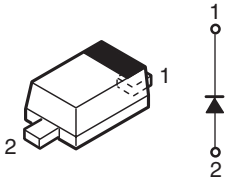


Lake Blue (HZS series)
Black (MTZJ series)

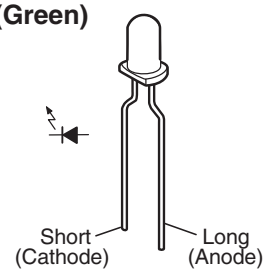
UDZ3.0B
UDZ6.8B
UDZS9.1B
UDZS15B



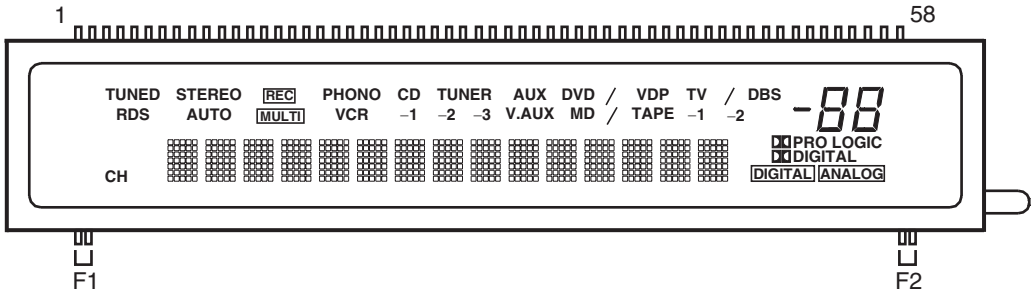
ISR154-400
RB521S-30
RB501V-40

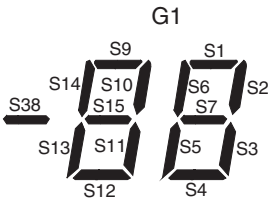


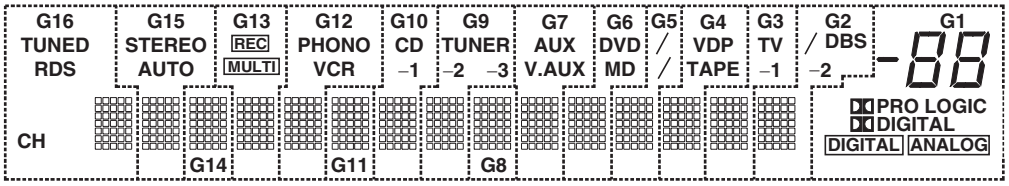
SEL1210S (Red)
SEL1410E (Green)
SEL-4214S
SEL-2E10C



●FL DISPLAY CM1690C (FL101)







G2~G16

S1	S2	S3	S4	S5
S6	S7	S8	S9	S10
S11	S12	S13	S14	S15
S16	S17	S18	S19	S20
S21	S22	S23	S24	S25
S26	S27	S28	S29	S30
S31	S32	S33	S34	S35

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

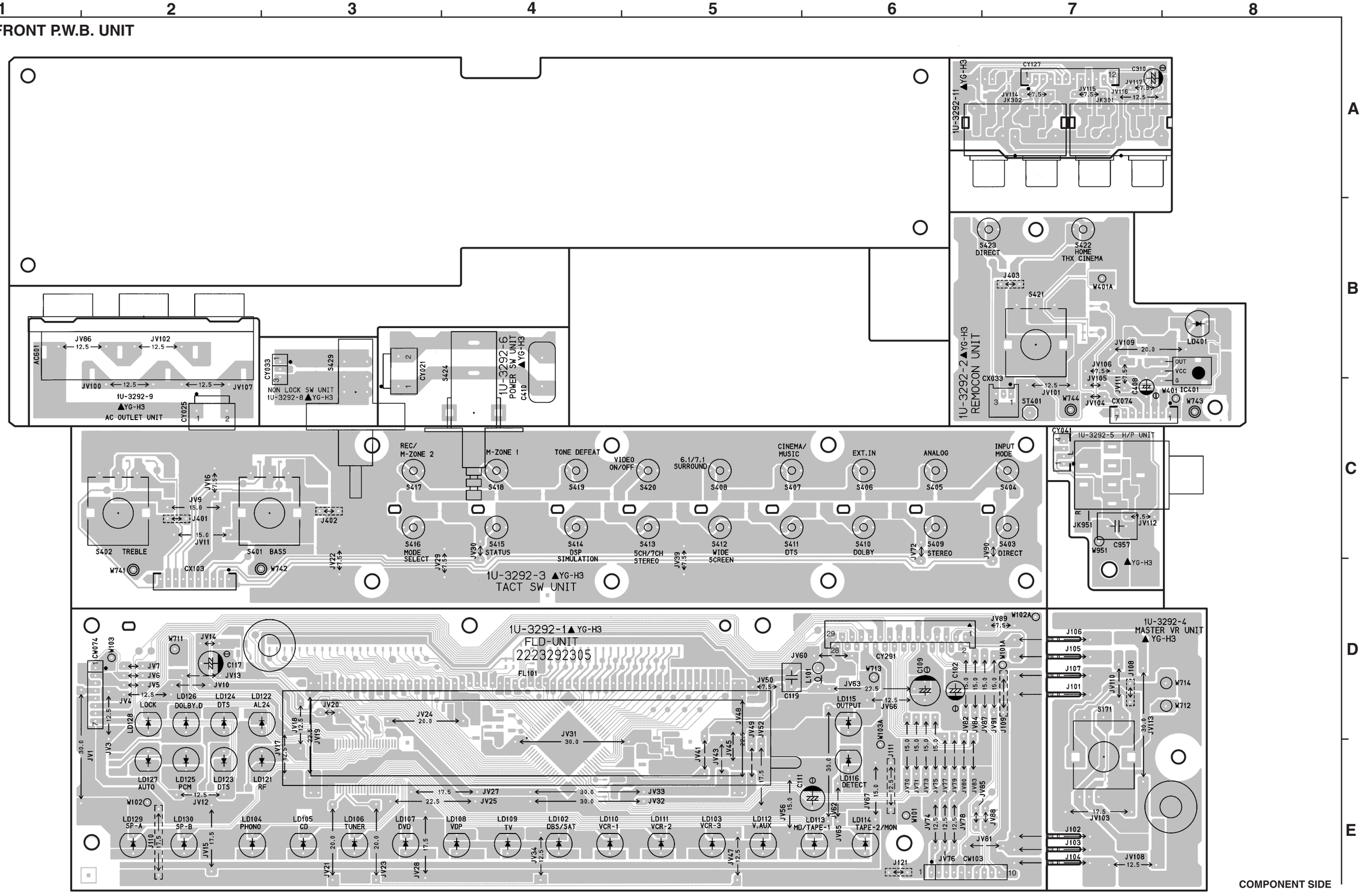
Anode & Grid Assignment

	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

1U-3292 FRONT P.W.B. UNIT

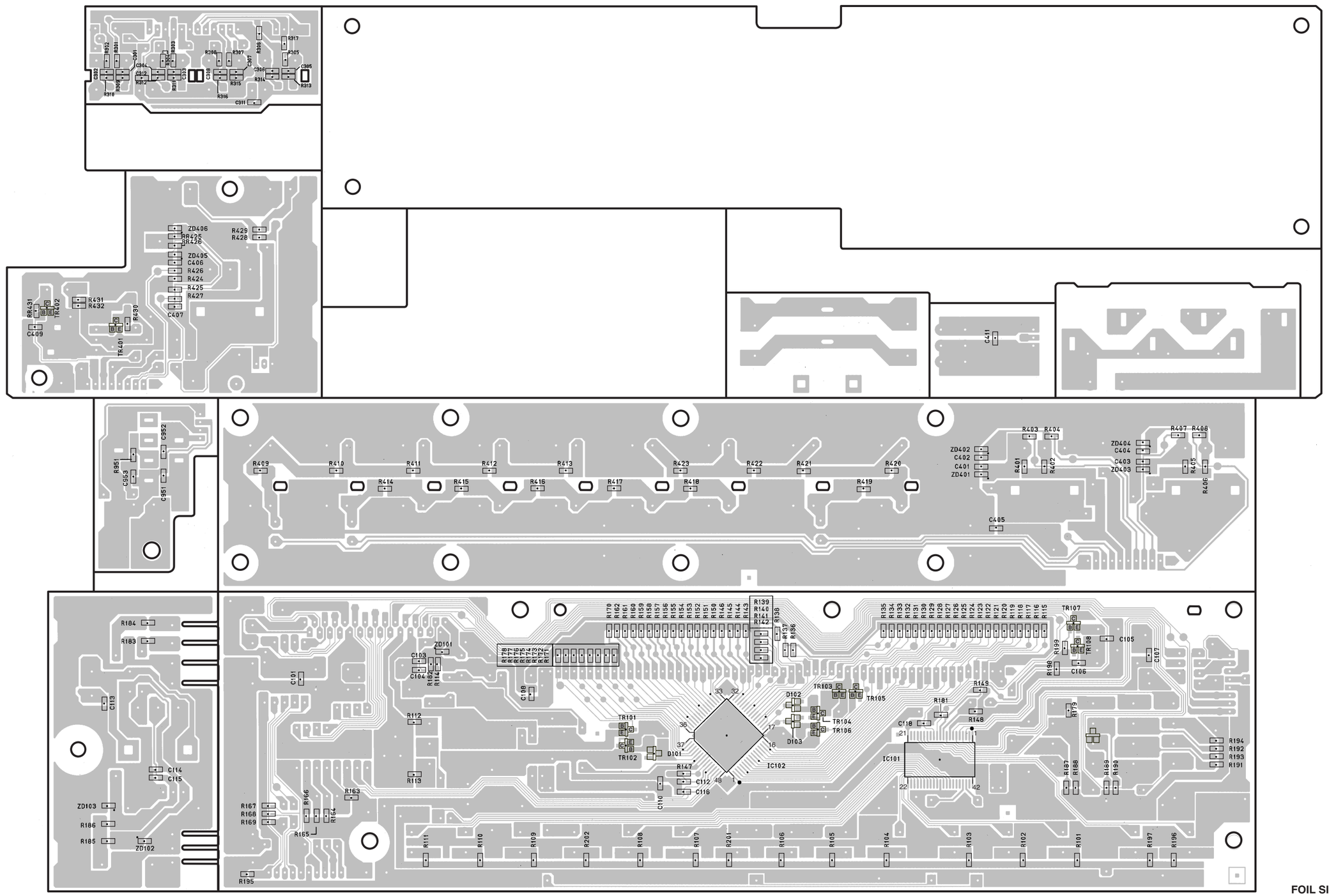


COMPONENT SIDE

1 2 3 4 5 6 7 8

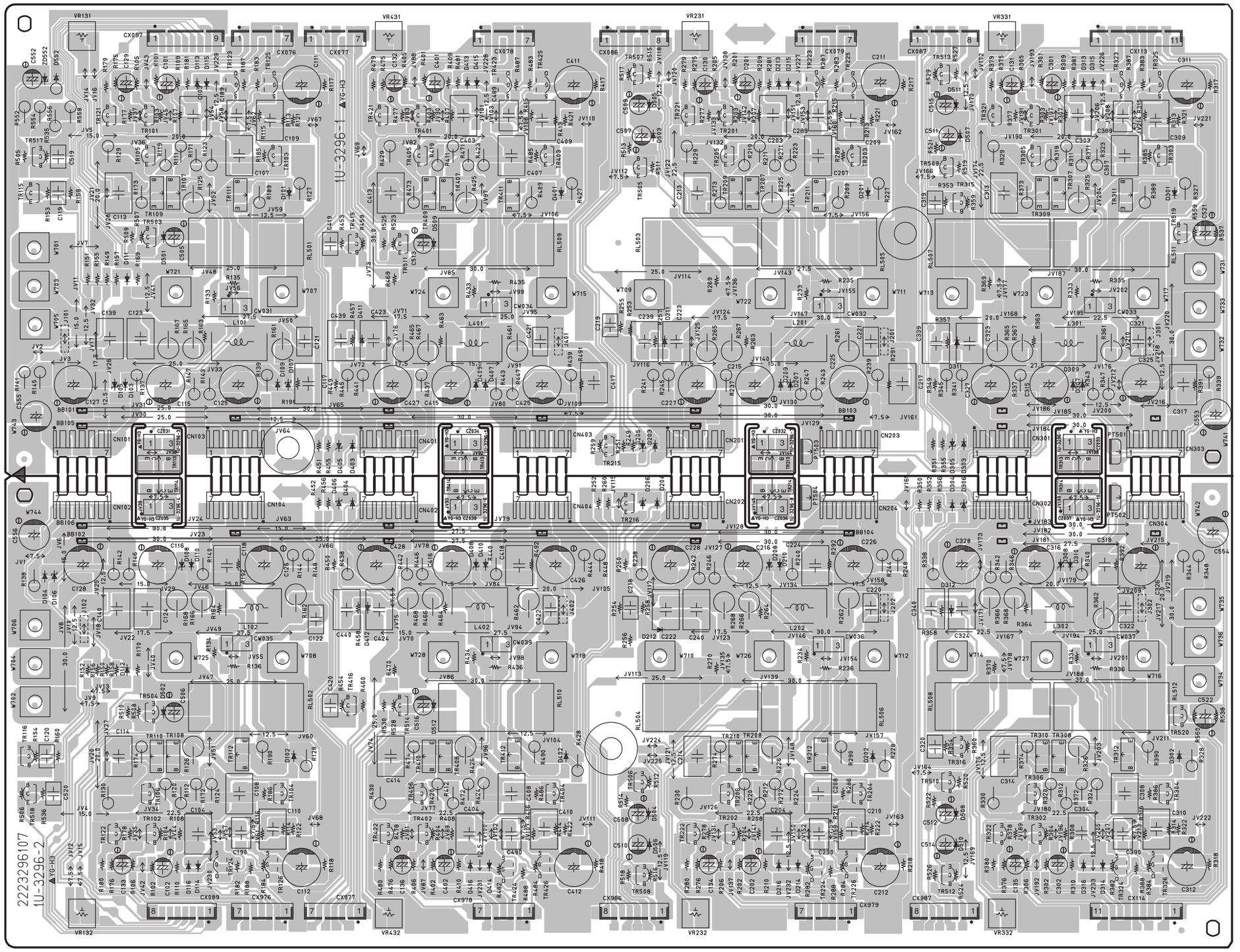
A B C D E

1U-3292 FRONT P.W.B. UNIT



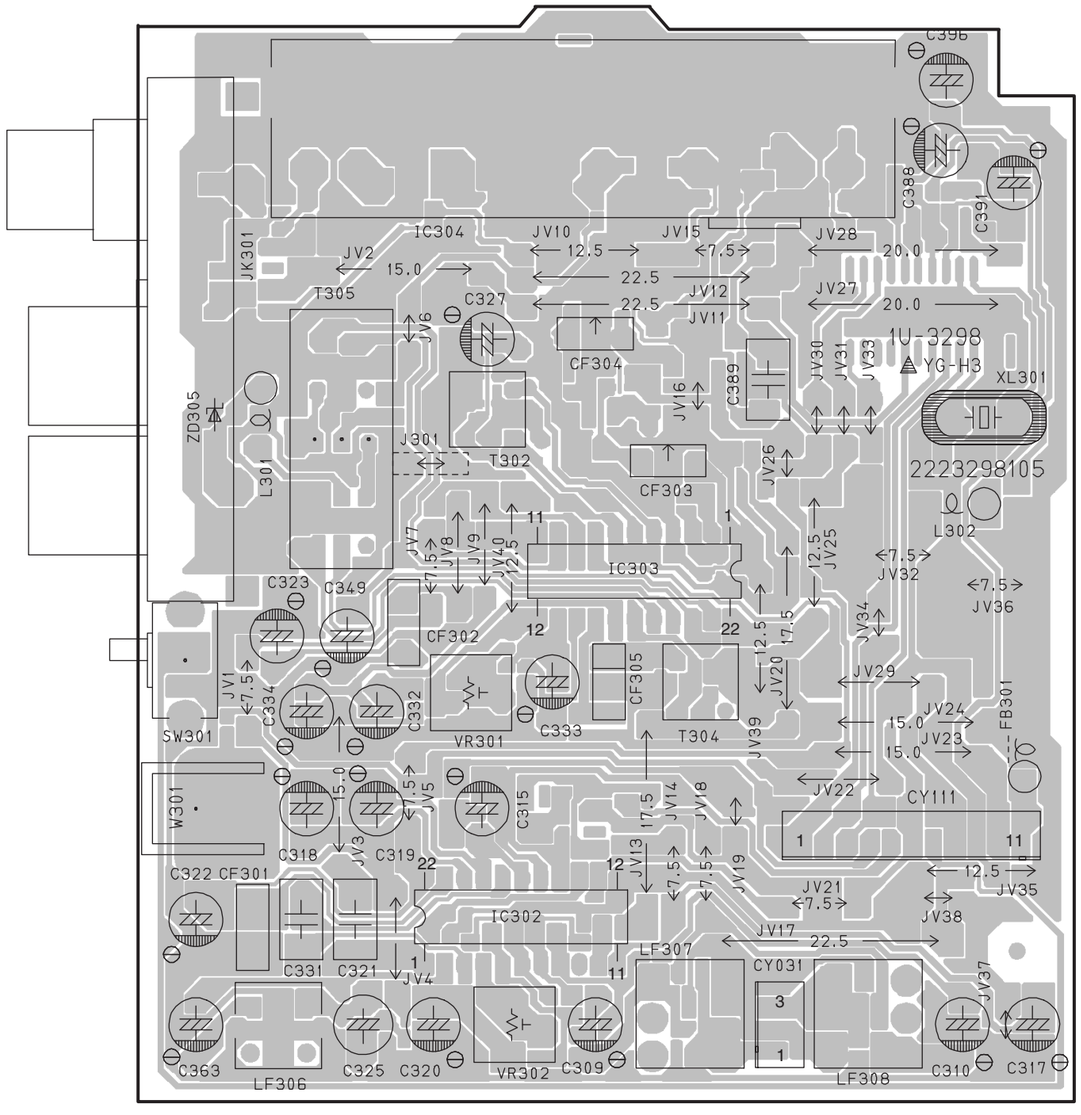
FOIL SIDE

1U-3296 POWER AMP P.W.B. UNIT



COMPONENT SIDE

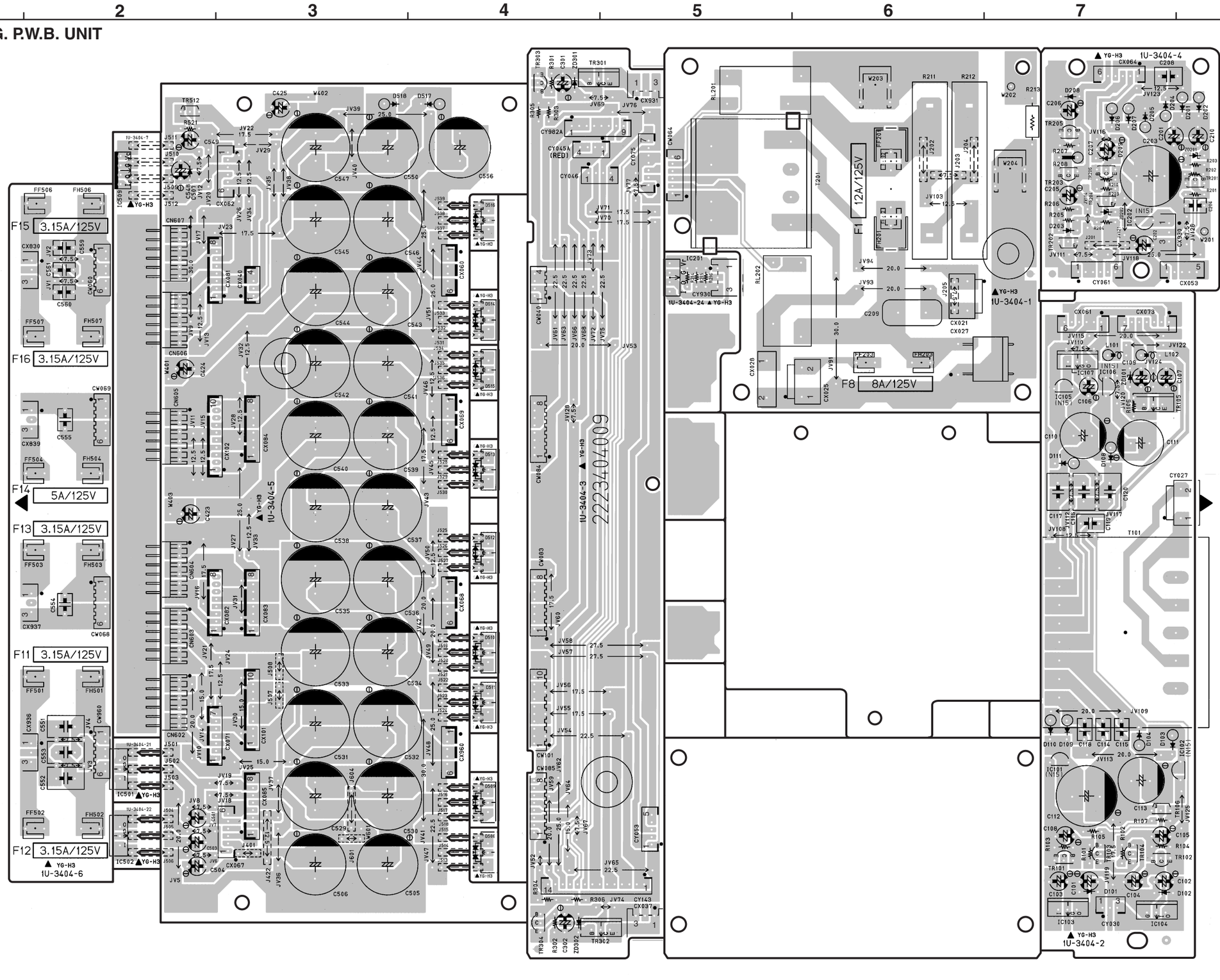
1U-3298 TUNER P.W.B. UNIT (for AVR-5803)



COMPONENT SIDE

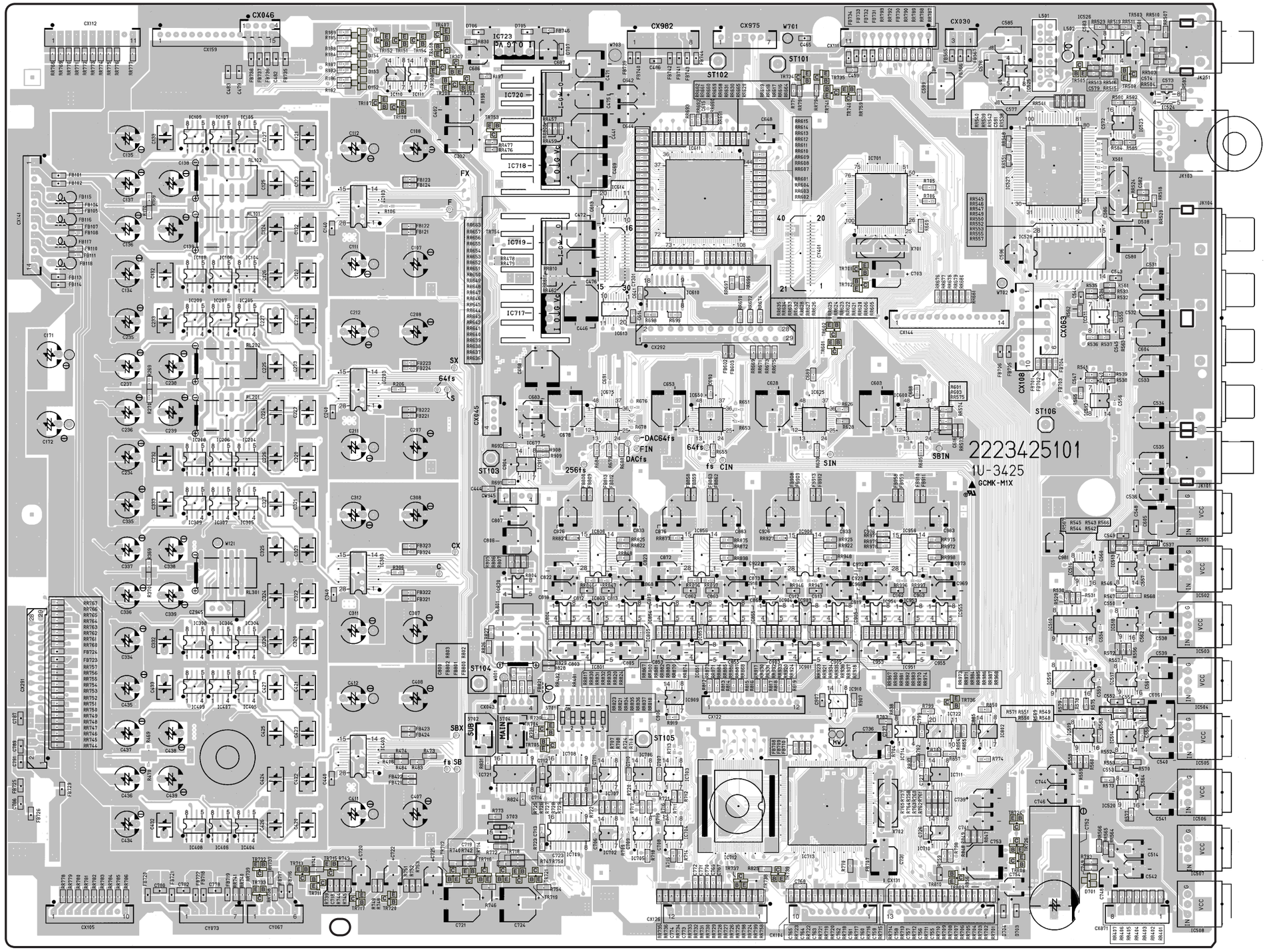
FOIL SIDE

1U-3404 PRE REG. P.W.B. UNIT



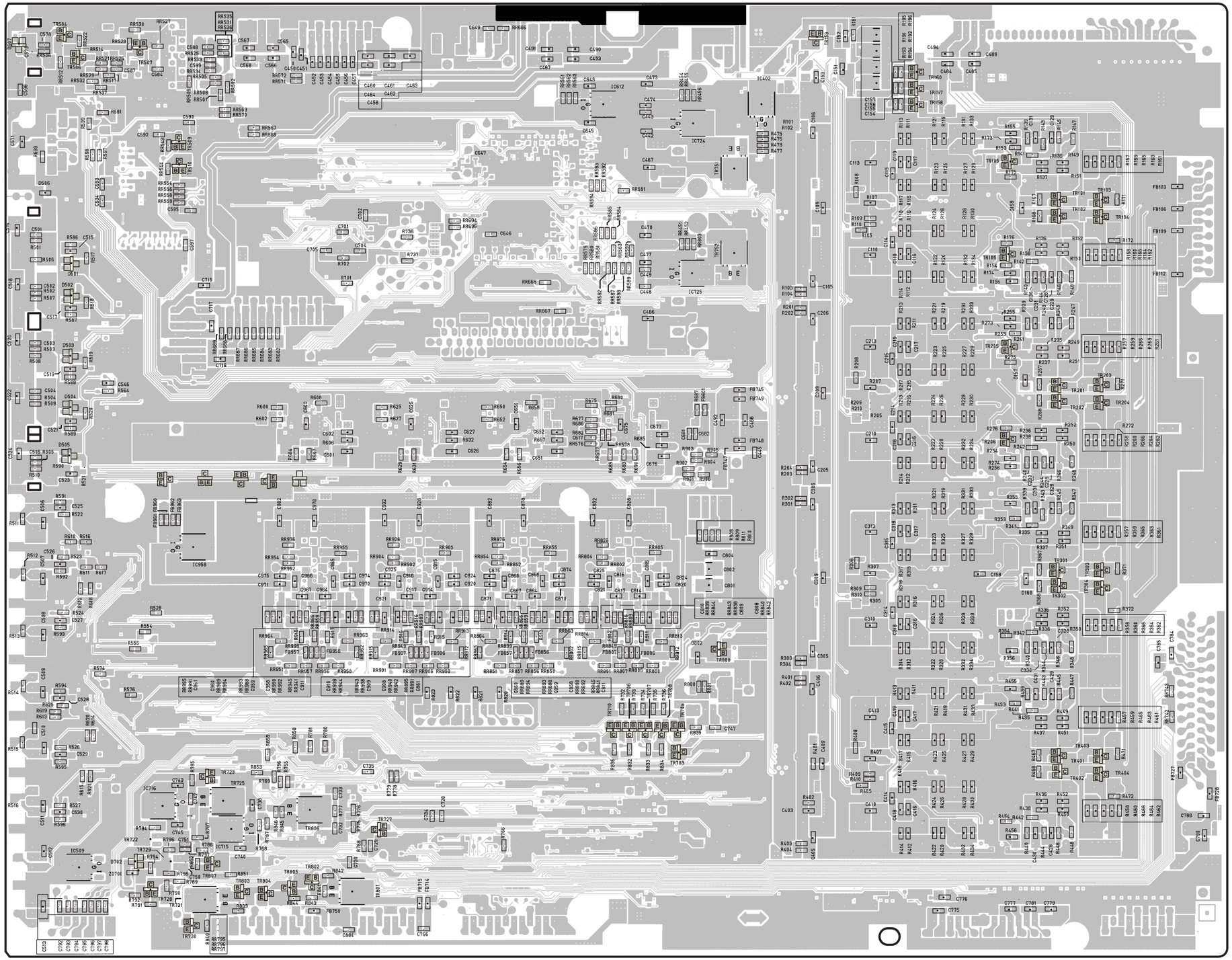
COMPONENT SIDE

1U-3425 DIGITAL P.W.B. UNIT



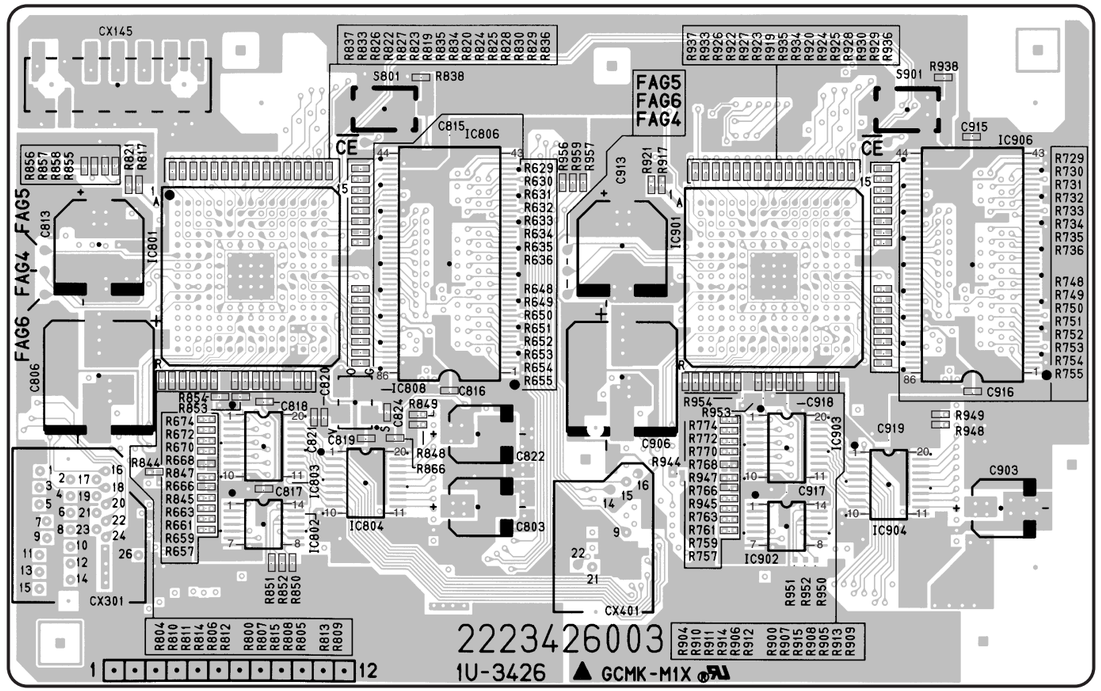
COMPONENT SIDE

1U-3425 DIGITAL P.W.B. UNIT

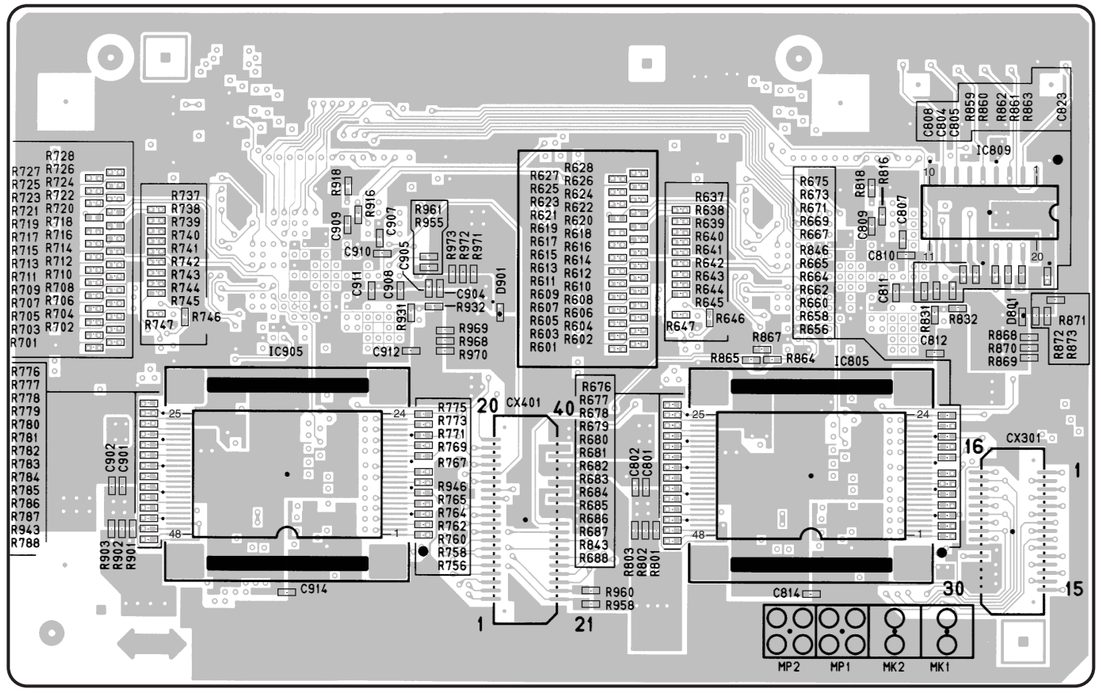


FOIL SIDE

1U-3426 DSP P.W.B. UNIT

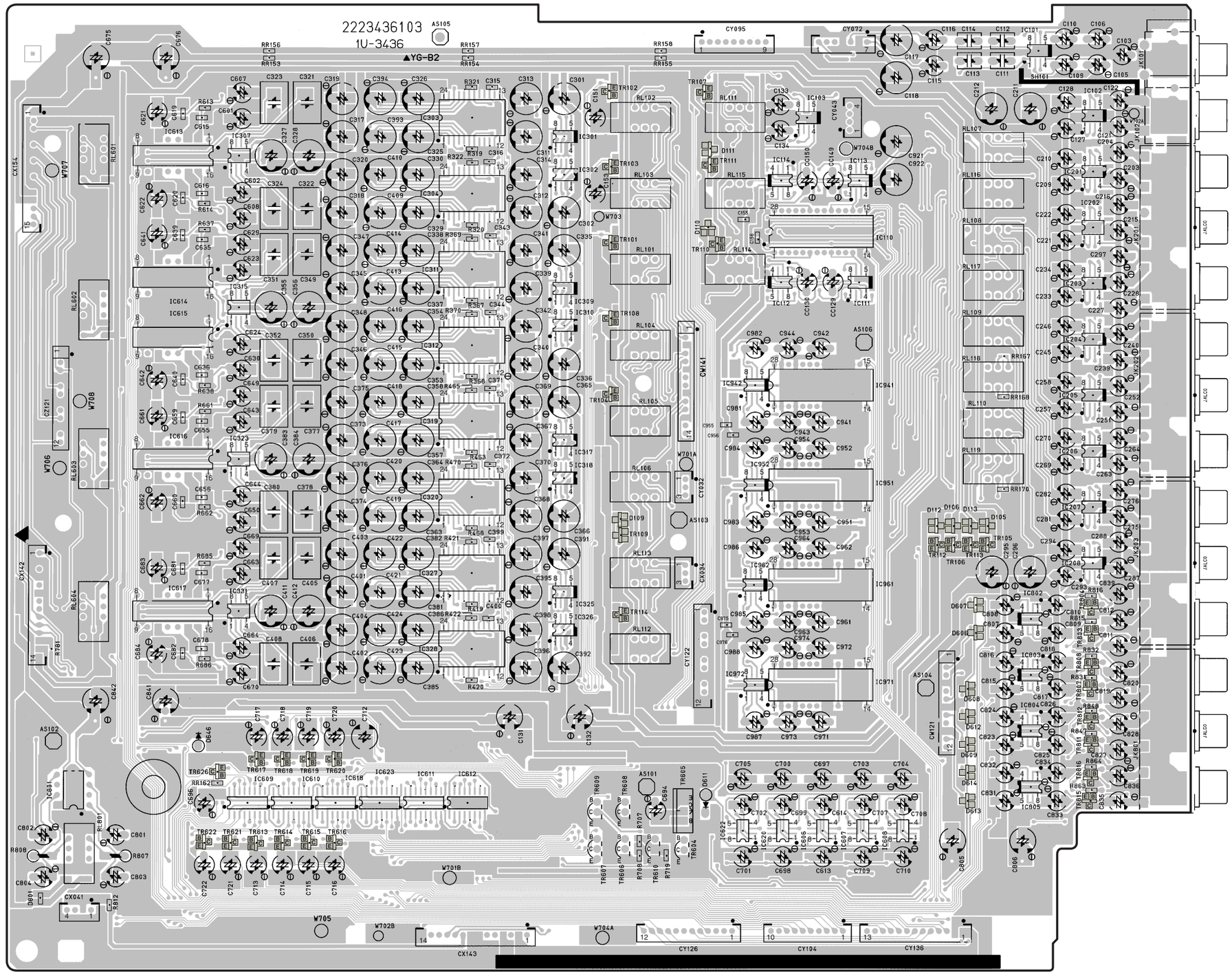


COMPONENT SIDE



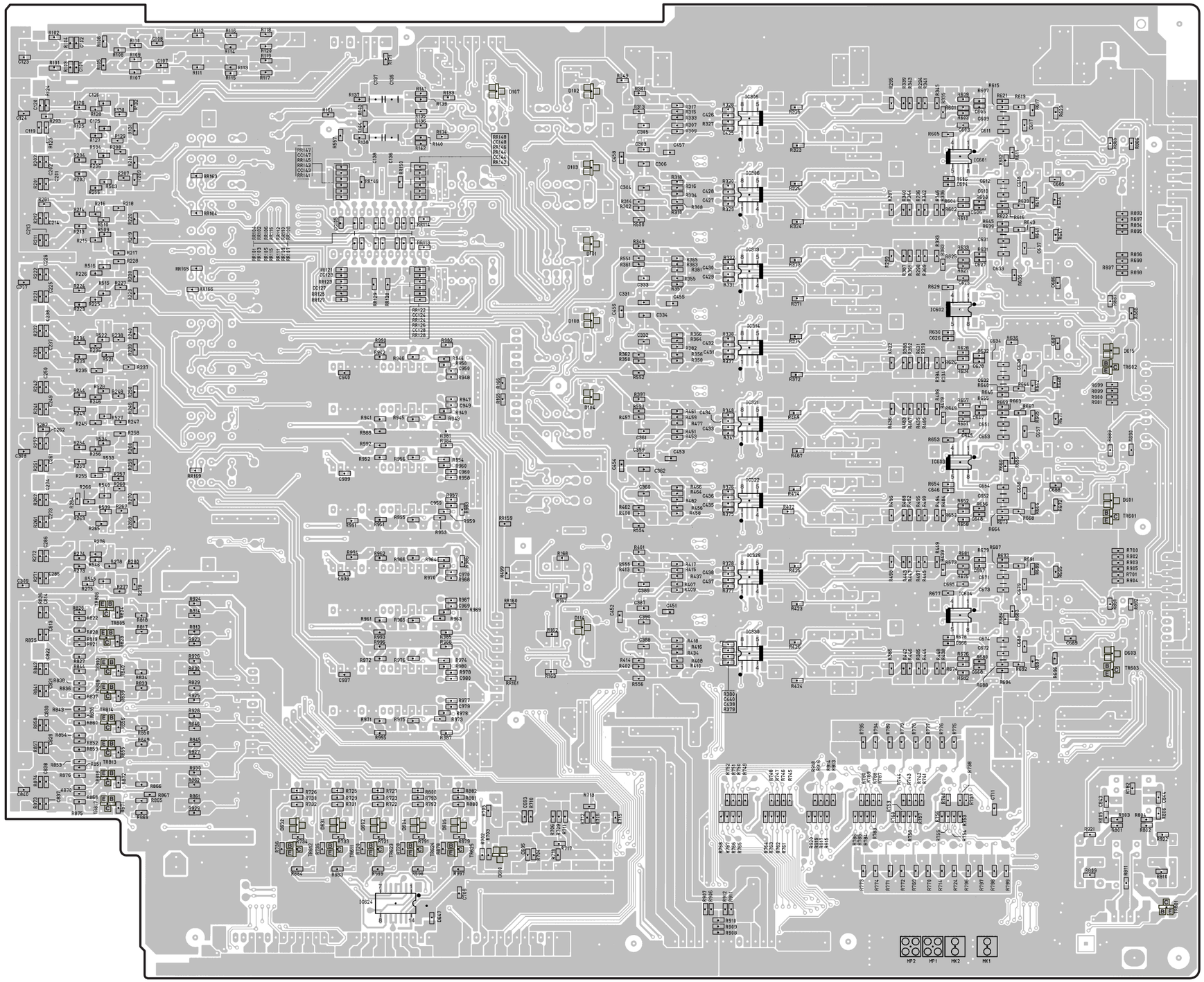
FOIL SIDE

1U-3436 EXT.IN VOL. P.W.B. UNIT



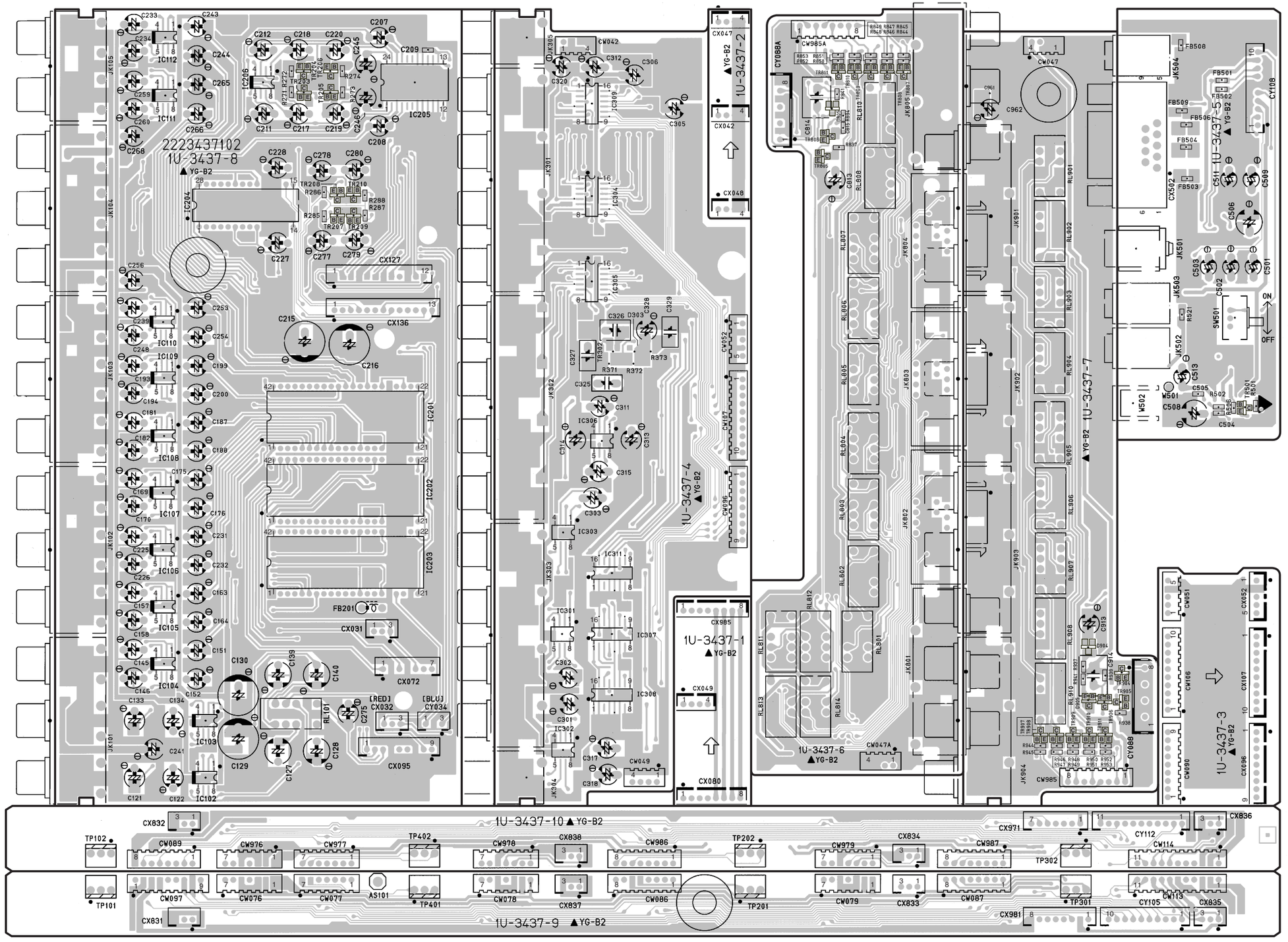
COMPONENT SIDE

1U-3436 EXT.IN VOL. P.W.B. UNIT

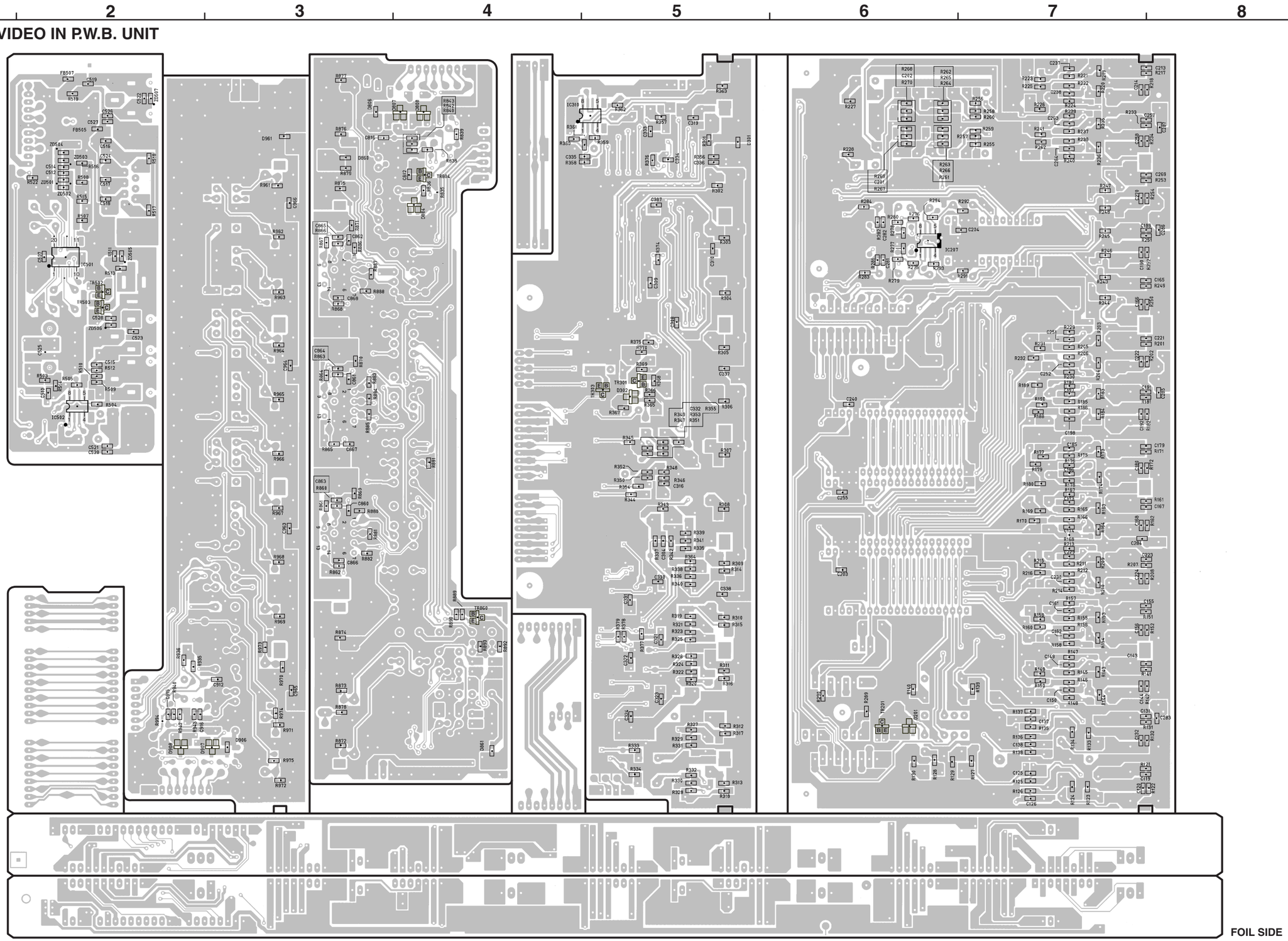


FOIL SIDE

1U-3437 AUDIO & VIDEO IN P.W.B. UNIT

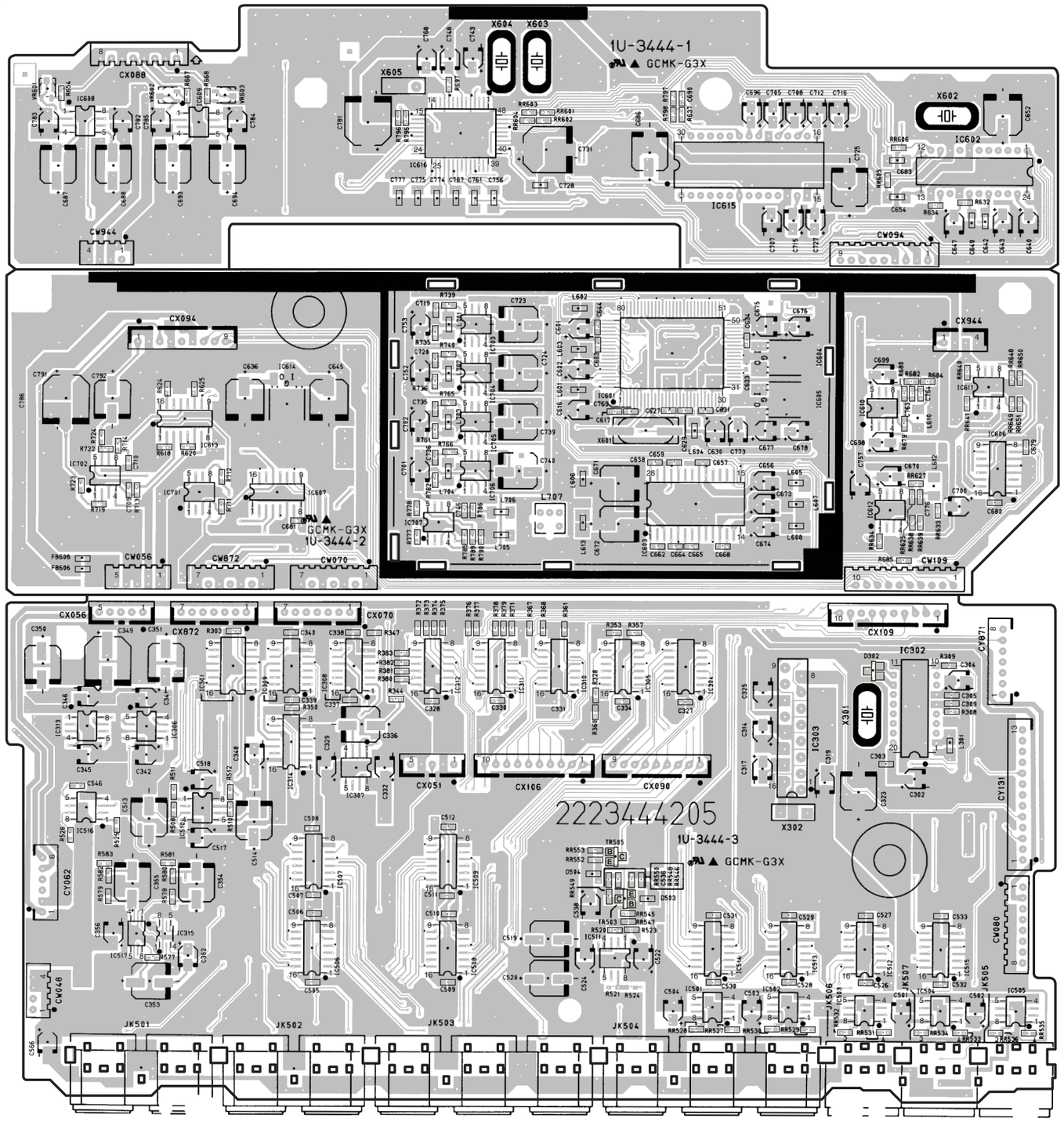


1U-3437 AUDIO & VIDEO IN P.W.B. UNIT



FOIL SIDE

1U-3444 VIDEO CONVERT P.W.B. UNIT

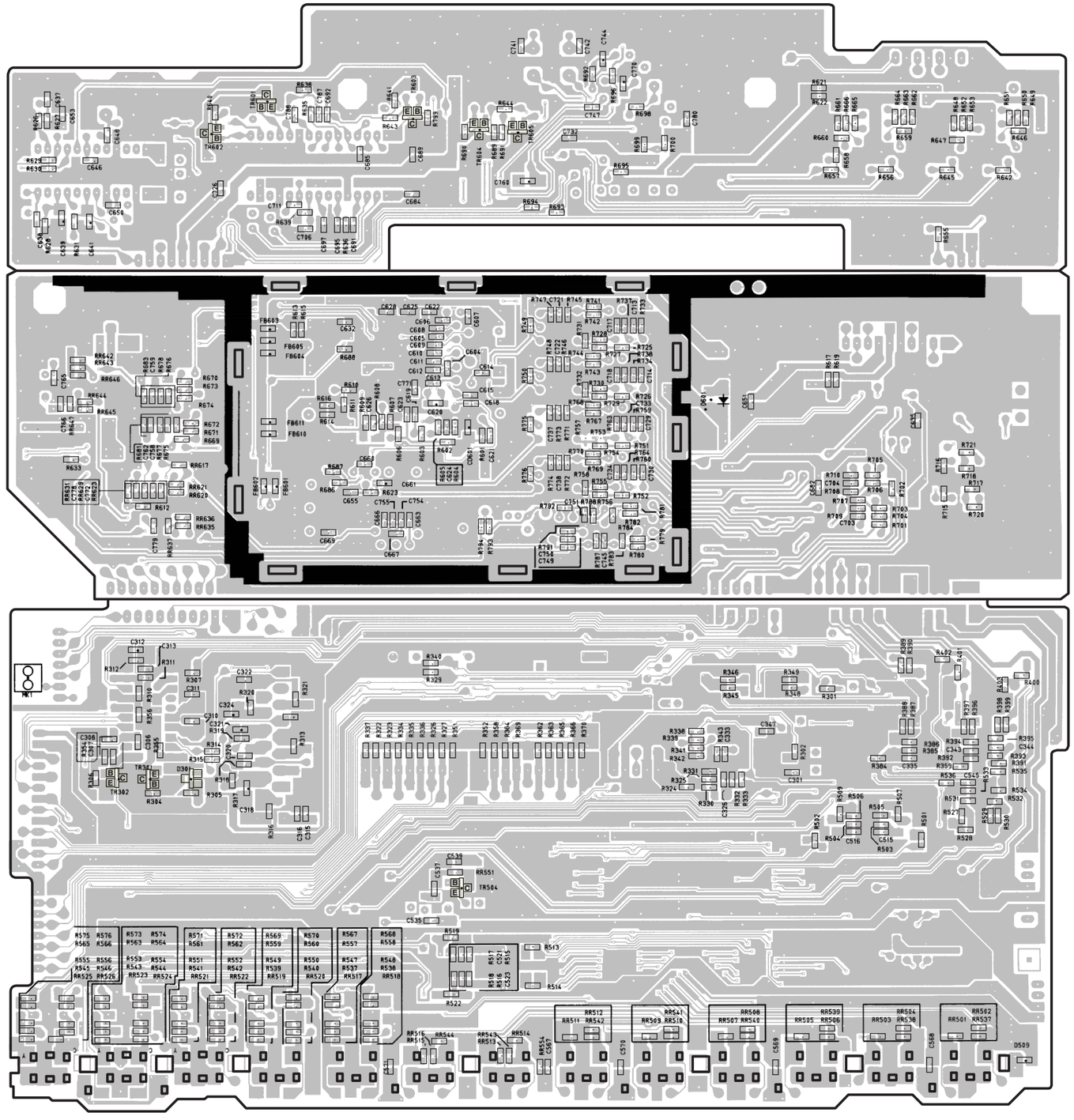


COMPONENT SIDE

1 2 3 4 5 6 7 8

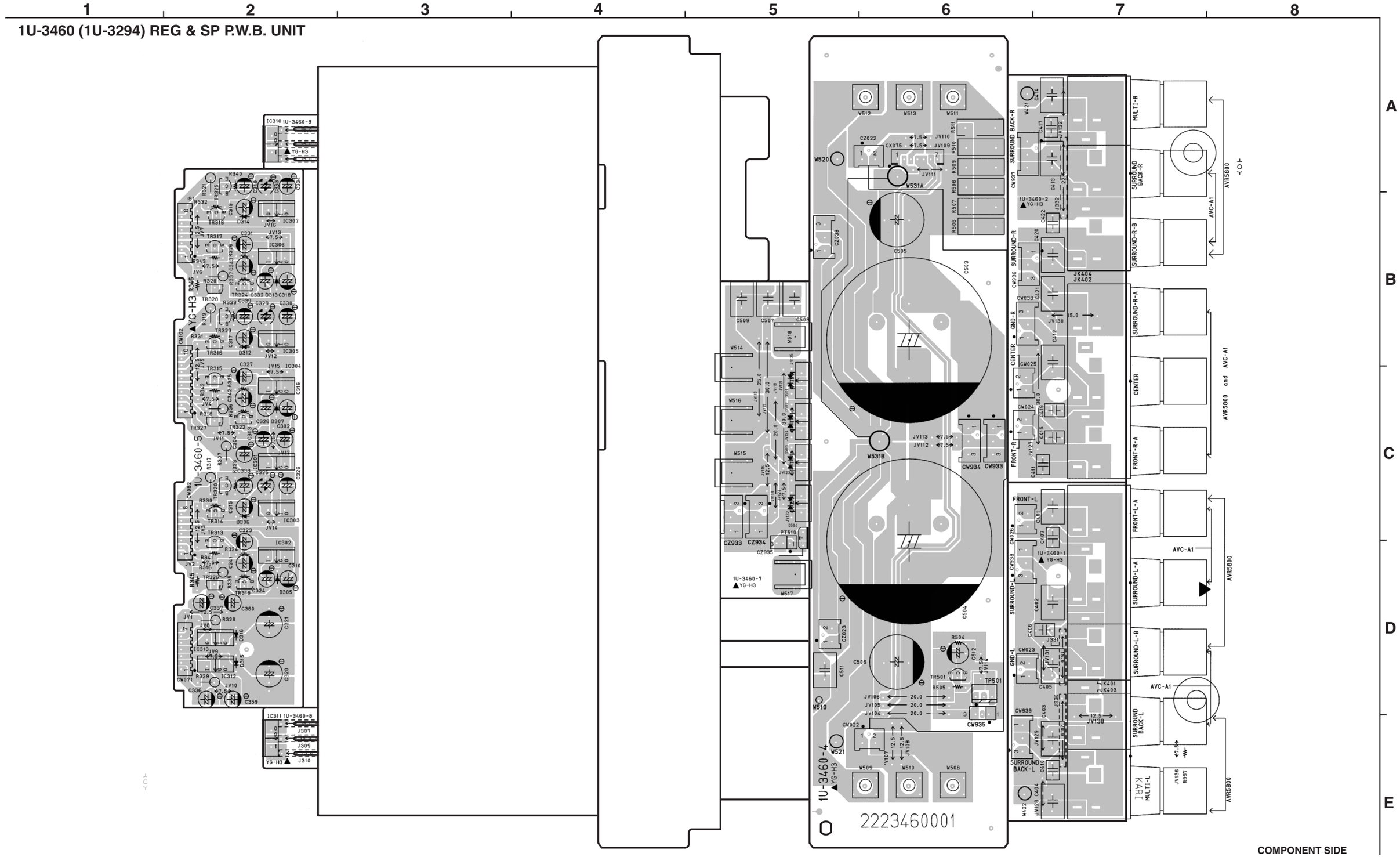
A B C D E

1U-3444 VIDEO CONVERT P.W.B. UNIT



FOIL SIDE

1U-3460 (1U-3294) REG & SP P.W.B. UNIT



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 (Type) 14K (Shape and performance) 2E (Power) 182 (Resistance) G (Allowable error) FR (Others)

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
Indicates number of zeros after 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 (Type) 04W (Shape and performance) 1H (Dielectric strength) 2R2 (Capacity) M (Allowable error) BP (Others)

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 change and discharge
CK : Ceramic	1V : 35V	M : ±20%	HF : For assuring high requency
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
Indicates number of zeros after 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 dieelectric strength value.

PARTS LIST OF P.W.B. UNIT ASS'Y

1U-3425/3425A DIGITAL P.W.B. UNIT ASS'Y

Note: The symbol in the column "Remarks" indicate the following destinations.
EU: U.S.A. model (AVR-5803) E1: Asia model
EC: Canada model (AVR-5803) E1C: China model
E2: Europe model EUT: Taiwan R.O.C. model

Ref. No.	Part No.	Part Name	Remarks
SEMICONDUCTORS GROUP			
IC103	262 3072 905	IC PCM1738-1	
IC104,105	263 1074 908	IC OP275GSR	
IC106,107	263 0898 907	IC NJM5532MD	
IC108,109	263 0896 909	IC NJM2068MD	
IC110	262 2517 908	IC SN74LV08APW	
IC111	262 2519 906	IC SN74LV00APW	
IC203	262 3072 905	IC PCM1738-1	
IC204,205	263 1074 908	IC OP275GSR	
IC206,207	263 0898 907	IC NJM5532MD	
IC208,209	263 0896 909	IC NJM2068MD	
IC303	262 3072 905	IC PCM1738-1	
IC304,305	263 1074 908	IC OP275GSR	
IC306,307	263 0898 907	IC NJM5532MD	
IC308,309	263 0896 909	IC NJM2068MD	
IC403	262 3072 905	IC PCM1738-1	
IC404,405	263 1074 908	IC OP275GSR	
IC406,407	263 0898 907	IC NJM5532MD	
IC408,409	263 0896 909	IC NJM2068MD	
IC501-506	262 3065 006	Optical digital input (TORX141)	
IC507,508	262 3064 007	Optical digital output (TOTX141)	
IC510	262 2375 904	IC TC4094BF	
IC511-514	262 3077 900	IC TC74VHCU04FT	
IC515	262 2375 904	IC TC4094BF	
IC516-519	262 2944 908	IC SN74HC151APW	
IC520	262 2945 907	IC SN74HC153APW	
IC523	262 3106 907	IC SN65LVDS32PW	
IC524	262 3125 904	IC SN65LVDS179DGK	
IC525	263 0687 901	IC BA4560F	
IC526	263 1082 903	IC TK15420MTL	
IC527	262 2372 004	IC PM4007A	
IC528	262 2852 906	IC W24257S-70LL	
IC600	262 3066 005	IC LC89057W	
IC610	262 3067 907	IC SN65LVDS050D	
IC611	262 3068 003	IC EPM3128ATC144-10	
IC613,614	262 2959 906	IC SN74LV244APW	
IC625	262 3066 005	IC LC89057W	
IC650	262 3066 005	IC LC89057W	
IC675	262 3066 005	IC LC89057W	
IC677	262 3062 902	IC FCX0-03 (24.576MHz)	
IC701	262 3073 001	IC M30620FCMGP	
IC702-705	262 2785 905	IC SN74LV125APW	
IC706	262 2813 903	IC SN74AHCT08PW	
IC707	262 2519 906	IC SN74LV00APW	
IC708,709	262 2375 904	IC TC4094BF	
IC710	262 2517 908	IC SN74LV08APW	

Ref. No.	Part No.	Part Name	Remarks
IC711	262 2813 903	IC SN74AHCT08PW	
IC712	262 3075 009	IC MX29F400TTC-90	
IC713	262 3074 000	IC M30802S	
IC715,716	263 1079 903	IC BA033FP	
IC717,718	263 1164 009	IC PQ018EF01SZ	
IC721	262 2375 904	IC TC4094BF	
IC723	263 1162 001	IC KIA78R12PI	
IC801	263 0896 909	IC NJM2068MD	
IC802	262 2729 903	IC SN74LV02APW	
IC803-805	263 0934 900	IC BA4510F	
IC806	262 3069 905	IC PCM1804	
IC820	263 0615 902	IC BA15218F	
IC851	263 0896 909	IC NJM2068MD	
IC853-855	263 0934 900	IC BA4510F	
IC856	262 3069 905	IC PCM1804	
IC901	263 0896 909	IC NJM2068MD	
IC903-905	263 0934 900	IC BA4510F	
IC906	262 3069 905	IC PCM1804	
IC909,910	262 3105 908	IC SN74AHCT32PW	
IC911	262 2517 908	IC SN74LV08APW	
IC951	263 0896 909	IC NJM2068MD	
IC953-955	263 0934 900	IC BA4510F	
IC956	262 3069 905	IC PCM1804	
IC958	263 1079 903	IC BA033FP	
TR101-106	273 0460 905	Transistor KTC2875B	
TR107	269 0083 901	Transistor DTA114EK	
TR108	269 0082 902	Transistor DTC114EK	
TR151	269 0082 902	Transistor DTC114EK	
TR152	269 0083 901	Transistor DTA114EK	
TR153	269 0082 902	Transistor DTC114EK	
TR154	269 0083 901	Transistor DTA114EK	
TR157,158	273 0384 900	Transistor 2SC2412K (S)	
TR160	273 0384 900	Transistor 2SC2412K (S)	
TR201-206	273 0460 905	Transistor KTC2875B	
TR207	269 0083 901	Transistor DTA114EK	
TR208	269 0082 902	Transistor DTC114EK	
TR301-304	273 0460 905	Transistor KTC2875B	
TR307	269 0083 901	Transistor DTA114EK	
TR308	269 0082 902	Transistor DTC114EK	
TR401-404	273 0460 905	Transistor KTC2875B	
TR407	269 0083 901	Transistor DTA114EK	
TR408	269 0082 902	Transistor DTC114EK	
TR503,504	274 0163 904	Transistor 2SD601A	
TR505	272 0125 904	Transistor 2SB709A	
TR506	273 0384 900	Transistor 2SC2412K (S)	

Ref. No.	Part No.	Part Name	Remarks
TR507	274 0163 904	Transistor 2SD601A	
TR508	272 0125 904	Transistor 2SB709A	
TR509,510	269 0082 902	Transistor DTC114EK	
TR601	269 0083 901	Transistor DTA114EK	
TR602	269 0082 902	Transistor DTC114EK	
TR701	269 0082 902	Transistor DTC114EK	
TR702	269 0083 901	Transistor DTA114EK	
TR703	269 0082 902	Transistor DTC114EK	
TR704	269 0083 901	Transistor DTA114EK	
TR705-710	269 0082 902	Transistor DTC114EK	
TR711	269 0083 901	Transistor DTA114EK	
TR712	273 0384 900	Transistor 2SC2412K (S)	
TR713	269 0054 901	Transistor DTC144EK	
TR714	271 0238 908	Transistor 2SA1037K (S/R)	
TR715-718	273 0384 900	Transistor 2SC2412K (S)	
TR719	271 0238 908	Transistor 2SA1037K (S/R)	
TR720,721	273 0384 900	Transistor 2SC2412K (S)	
TR722	269 0054 901	Transistor DTC144EK	
TR723,724	269 0082 902	Transistor DTC114EK	
TR725	272 0161 900	Transister 2SB1412TL (PQR)	
TR726,727	269 0082 902	Transistor DTC114EK	
TR728	274 0163 904	Transistor 2SD601A	
TR729	269 0054 901	Transistor DTC144EK	
TR730	269 0082 902	Transistor DTC114EK	
TR731	272 0161 900	Transister 2SB1412TL (PQR)	
TR732,733	269 0082 902	Transistor DTC114EK	
TR734,735	269 0054 901	Transistor DTC144EK	for EU,EC
TR736-738	269 0082 902	Transistor DTC114EK	
TR739	269 0083 901	Transistor DTA114EK	
TR740,741	269 0054 901	Transistor DTC144EK	for EU,EC
TR751,752	272 0161 900	Transister 2SB1412TL (PQR)	
TR753,754	269 0082 902	Transistor DTC114EK	
TR800	269 0048 904	Transistor DTC143EK	
TR801	272 0161 900	Transister 2SB1412TL (PQR)	
TR802	269 0082 902	Transistor DTC114EK	
TR803	269 0083 901	Transistor DTA114EK	
TR804,805	269 0082 902	Transistor DTC114EK	
TR806	272 0161 900	Transister 2SB1412TL (PQR)	
TR807-809	269 0082 902	Transistor DTC114EK	
TR810	269 0054 901	Transistor DTC144EK	
D152-155	276 0560 901	Diode DAN202K	
D157,158	276 0559 909	Diode DAP202K	
D160	276 0559 909	Diode DAP202K	
D501-505	276 0738 908	Diode KDS226	
D507	276 0739 907	Diode KDS181	
D508	276 0663 905	Diode KV1851	

Ref. No.	Part No.	Part Name	Remarks
D701,702	276 0559 909	Diode DAP202K	
D703,704	276 0751 901	Diode 1SR154-400	
D707	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
D802	276 0559 909	Diode DAP202K	
ZD701	276 0693 946	Zener diode UDZ3.0B	
RESISTORS GROUP			
R101-104	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R105	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R106	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R107	247 0031 937	Carbon chip 16kohm 1/10W	RM73B--163J (AD)
R109,110	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R111-118	247 0029 949	Carbon chip 2.7kohm 1/10W	RM73B--272J (AD)
R119,120	247 0030 925	Carbon chip 5.6kohm 1/10W	RM73B--562J (AD)
R121,122	247 0030 912	Carbon chip 5.2kohm 1/10W	RM73B--512J (AD)
R123,124	247 0030 925	Carbon chip 5.6kohm 1/10W	RM73B--562J (AD)
R125,126	247 0030 912	Carbon chip 5.2kohm 1/10W	RM73B--512J (AD)
R127-134	247 0029 936	Carbon chip 2.4kohm 1/10W	RM73B--242J (AD)
R135-138	247 0029 978	Carbon chip 3.6kohm 1/10W	RM73B--362J (AD)
R139-142	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R143,144	247 2006 960	Carbon chip 470ohm 1/16W	RM73B--471J
R145,146	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R149,150	247 0028 953	Carbon chip 1.1kohm 1/10W	RM73B--112J (AD)
R151,152	247 0028 924	Carbon chip 820ohm 1/10W	RM73B--821J (AD)
R155,156	247 0028 940	Carbon chip 1kohm 1/10W	RM73B--102J (AD)
R157-160	247 0027 996	Carbon chip 620ohm 1/10W	RM73B--621J (AD)
R161,162	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R163-166	247 0027 954	Carbon chip 430ohm 1/10W	RM73B--431J (AD)
R167-170	247 2012 967	Carbon chip 150kohm 1/16W	RM73B--154J
R171,172	247 2010 943	Carbon chip 18kohm 1/16W	RM73B--183J
R173,174	247 0027 925	Carbon chip 330ohm 1/10W	RM73B--331J (AD)
R175,176	247 2008 926	Carbon chip 2.2kohm 1/16W	RM73B--222J
R181	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R182-185	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R186-189	247 2010 969	Carbon chip 22kohm 1/16W	RM73B--223J
R191	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
R192	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R193	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
R194	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R195	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
R196	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R197	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R201-204	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R206	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R207	247 0031 937	Carbon chip 16kohm 1/10W	RM73B--163J (AD)
R209,210	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R211-218	247 0029 949	Carbon chip 2.7kohm 1/10W	RM73B--272J (AD)
R219,220	247 0030 925	Carbon chip 5.6kohm 1/10W	RM73B--562J (AD)
R221,222	247 0030 912	Carbon chip 5.2kohm 1/10W	RM73B--512J (AD)

Ref. No.	Part No.	Part Name	Remarks
R223,224	247 0030 925	Carbon chip 5.6kohm 1/10W	RM73B--562J (AD)
R225,226	247 0030 912	Carbon chip 5.2kohm 1/10W	RM73B--512J (AD)
R227-234	247 0029 936	Carbon chip 2.4kohm 1/10W	RM73B--242J (AD)
R235-238	247 0029 978	Carbon chip 3.6kohm 1/10W	RM73B--362J (AD)
R239-242	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R243,244	247 2006 960	Carbon chip 470ohm 1/16W	RM73B--471J
R245,246	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R249,250	247 0028 953	Carbon chip 1.1kohm 1/10W	RM73B--112J (AD)
R251,252	247 0028 924	Carbon chip 820ohm 1/10W	RM73B--821J (AD)
R253,254	247 2007 985	Carbon chip 1.5kohm 1/16W	RM73B--152J
R255-260	247 0027 996	Carbon chip 620ohm 1/10W	RM73B--621J (AD)
R261,262	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R263-266	247 0027 954	Carbon chip 430ohm 1/10W	RM73B--431J (AD)
R267-270	247 2012 967	Carbon chip 150kohm 1/16W	RM73B--154J
R271,272	247 2010 943	Carbon chip 18kohm 1/16W	RM73B--183J
R273,274	247 0027 954	Carbon chip 430ohm 1/10W	RM73B--431J (AD)
R275,276	247 2008 926	Carbon chip 2.2kohm 1/16W	RM73B--222J
R301-304	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R306	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R307	247 0031 937	Carbon chip 16kohm 1/10W	RM73B--163J (AD)
R309,310	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R311-318	247 0029 949	Carbon chip 2.7kohm 1/10W	RM73B--272J (AD)
R319,320	247 0030 925	Carbon chip 5.6kohm 1/10W	RM73B--562J (AD)
R321,322	247 0030 912	Carbon chip 5.2kohm 1/10W	RM73B--512J (AD)
R323,324	247 0030 925	Carbon chip 5.6kohm 1/10W	RM73B--562J (AD)
R325,326	247 0030 912	Carbon chip 5.2kohm 1/10W	RM73B--512J (AD)
R327	247 0029 936	Carbon chip 2.4kohm 1/10W	RM73B--242J (AD)
R328	247 0030 909	Carbon chip 4.7kohm 1/10W	RM73B--472J (AD)
R329	247 0029 936	Carbon chip 2.4kohm 1/10W	RM73B--242J (AD)
R330	247 0030 925	Carbon chip 5.6kohm 1/10W	RM73B--562J (AD)
R331	247 0029 936	Carbon chip 2.4kohm 1/10W	RM73B--242J (AD)
R332	247 0030 925	Carbon chip 5.6kohm 1/10W	RM73B--562J (AD)
R333	247 0029 936	Carbon chip 2.4kohm 1/10W	RM73B--242J (AD)
R334	247 0030 909	Carbon chip 4.7kohm 1/10W	RM73B--472J (AD)
R335	247 0029 978	Carbon chip 3.6kohm 1/10W	RM73B--362J (AD)
R336	247 0031 924	Carbon chip 15kohm 1/10W	RM73B--153J (AD)
R337	247 0029 978	Carbon chip 3.6kohm 1/10W	RM73B--362J (AD)
R338	247 0031 924	Carbon chip 15kohm 1/10W	RM73B--153J (AD)
R339-342	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R343	247 2006 960	Carbon chip 470ohm 1/16W	RM73B--471J
R344	247 2009 938	Carbon chip 6.2kohm 1/16W	RM73B--622J
R345,346	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R349	247 0028 953	Carbon chip 1.1kohm 1/10W	RM73B--112J (AD)
R350	247 0030 909	Carbon chip 4.7kohm 1/10W	RM73B--472J (AD)
R351	247 0028 924	Carbon chip 820ohm 1/10W	RM73B--821J (AD)
R352	247 0029 978	Carbon chip 3.6kohm 1/10W	RM73B--362J (AD)
R354	247 2007 972	Carbon chip 1.3kohm 1/16W	RM73B--132J
R355	247 0040 902	Carbon chip 0ohm 1/10W	RM73B--0R0K (ATD)
R356	247 0028 982	Carbon chip 1.5kohm 1/10W	RM73B--152J (AD)
R357-360	247 0027 996	Carbon chip 620ohm 1/10W	RM73B--621J (AD)
R361,362	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J

Ref. No.	Part No.	Part Name	Remarks
R363-366	247 0027 954	Carbon chip 430ohm 1/10W	RM73B--431J (AD)
R367-370	247 2012 967	Carbon chip 150kohm 1/16W	RM73B--154J
R371,372	247 2010 943	Carbon chip 18kohm 1/16W	RM73B--183J
R401-404	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R406	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R407	247 0031 937	Carbon chip 16kohm 1/10W	RM73B--163J (AD)
R409,410	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R411-418	247 0029 949	Carbon chip 2.7kohm 1/10W	RM73B--272J (AD)
R419,420	247 0030 925	Carbon chip 5.6kohm 1/10W	RM73B--562J (AD)
R421-423	247 0030 912	Carbon chip 5.2kohm 1/10W	RM73B--512J (AD)
R424,425	247 0030 925	Carbon chip 5.6kohm 1/10W	RM73B--562J (AD)
R426	247 0030 912	Carbon chip 5.2kohm 1/10W	RM73B--512J (AD)
R427-434	247 0029 936	Carbon chip 2.4kohm 1/10W	RM73B--242J (AD)
R435-438	247 0029 978	Carbon chip 3.6kohm 1/10W	RM73B--362J (AD)
R439-442	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R443,444	247 2006 960	Carbon chip 470ohm 1/16W	RM73B--471J
R445,446	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R449	247 0028 953	Carbon chip 1.1kohm 1/10W	RM73B--112J (AD)
R450,451	247 0028 924	Carbon chip 820ohm 1/10W	RM73B--821J (AD)
R452	247 0028 953	Carbon chip 1.1kohm 1/10W	RM73B--112J (AD)
R455,456	247 0040 902	Carbon chip 0ohm 1/10W	RM73B--0R0K (ATD)
R457-460	247 0027 996	Carbon chip 620ohm 1/10W	RM73B--621J (AD)
R461,462	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R463-466	247 0027 954	Carbon chip 430ohm 1/10W	RM73B--431J (AD)
R467-470	247 2012 967	Carbon chip 150kohm 1/16W	RM73B--154J
R471,472	247 2010 943	Carbon chip 18kohm 1/16W	RM73B--183J
R475-478	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R501-510	247 2005 945	Carbon chip 150ohm 1/16W	RM73B--151J
R517-527	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R528-531	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R532	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R533	247 2013 940	Carbon chip 330kohm 1/16W	RM73B--334J
R534	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R535	247 2013 940	Carbon chip 330kohm 1/16W	RM73B--334J
R536	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R537	247 2013 940	Carbon chip 330kohm 1/16W	RM73B--334J
R538	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R539	247 2013 940	Carbon chip 330kohm 1/16W	RM73B--334J
R540	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R541	247 2013 940	Carbon chip 330kohm 1/16W	RM73B--334J
R554-560	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R561-565	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R566-571	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R572	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R573,574	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R575-579	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R580	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R581	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R582-585	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R597-599	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J

Ref. No.	Part No.	Part Name	Remarks
R600-603	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R604	247 2003 989	Carbon chip 33ohm 1/16W	RM73B--330J
R605	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R606	247 0026 984	Carbon chip 220ohm 1/10W	RM73B--221J (AD)
R607	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R608	247 2003 989	Carbon chip 33ohm 1/16W	RM73B--330J
R609	247 2008 968	Carbon chip 3.3kohm 1/16W	RM73B--332J
R610-615	247 2010 969	Carbon chip 22kohm 1/16W	RM73B--223J
R616-621	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R625-628	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R629	247 2003 989	Carbon chip 33ohm 1/16W	RM73B--330J
R630,631	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R632	247 0026 984	Carbon chip 220ohm 1/10W	RM73B--221J (AD)
R650-653	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R654	247 2003 989	Carbon chip 33ohm 1/16W	RM73B--330J
R655,656	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R657	247 0026 984	Carbon chip 220ohm 1/10W	RM73B--221J (AD)
R658	247 2003 989	Carbon chip 33ohm 1/16W	RM73B--330J
R675-678	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R679	247 2003 989	Carbon chip 33ohm 1/16W	RM73B--330J
R680	247 2008 968	Carbon chip 3.3kohm 1/16W	RM73B--332J
R681	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R683,684	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R685	247 0026 984	Carbon chip 220ohm 1/10W	RM73B--221J (AD)
R686,687	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R688,689	247 2003 989	Carbon chip 33ohm 1/16W	RM73B--330J
R690	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R698,699	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R701	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R703	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R704	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R705,706	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R707	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R708-721	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R722-730	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R731	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R732-736	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R737,738	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R739	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R740,741	247 2001 981	Carbon chip 4.7ohm 1/16W	RM73B--4R7K
R742	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R743	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R744	247 2007 985	Carbon chip 1.5kohm 1/16W	RM73B--152J
R745	247 2010 927	Carbon chip 15kohm 1/16W	RM73B--153J
R746	247 2011 900	Carbon chip 33kohm 1/16W	RM73B--333J
R747	247 2001 981	Carbon chip 4.7ohm 1/16W	RM73B--4R7K
R748	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R749	247 2010 927	Carbon chip 15kohm 1/16W	RM73B--153J
R750	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R751	247 2004 920	Carbon chip 47ohm 1/16W	RM73B--470J
R752	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K

Ref. No.	Part No.	Part Name	Remarks
R753	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
R754	247 2013 908	Carbon chip 220kohm 1/16W	RM73B--224J
R755,756	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R757,758	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R760-765	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R766	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R767,768	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J for EU,EC
R771	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
R772,773	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R774	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R775,776	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R778,779	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R782	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R784,785	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R786	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
R787-789	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R790	247 2013 908	Carbon chip 220kohm 1/16W	RM73B--224J
R791	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R792	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R794,795	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
R796	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R797	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R798,799	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R802,803	247 2011 955	Carbon chip 51kohm 1/16W	RM73B--513J
R804	247 2011 900	Carbon chip 33kohm 1/16W	RM73B--333J
R805-807	247 2011 968	Carbon chip 56kohm 1/16W	RM73B--563J
R808	247 2008 926	Carbon chip 2.2kohm 1/16W	RM73B--222J
R809	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R810-819	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R824,825	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R830	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R831	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R832-836	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
R837	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R839	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R840	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
R841	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R842	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
R843	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R845	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R846	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
R851	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R854-856	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R857	247 2005 987	Carbon chip 220ohm 1/16W	RM73B--221J
R858,859	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R901	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R903	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R908	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K

Ref. No.	Part No.	Part Name	Remarks
RR401-407	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR451,452	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR454-457	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR459	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR462	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR476	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
RR477,478	247 2005 987	Carbon chip 220ohm 1/16W	RM73B--221J
RR479	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
RR501	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
RR502	247 2008 984	Carbon chip 3.9kohm 1/16W	RM73B--392J
RR503	247 2006 986	Carbon chip 560ohm 1/16W	RM73B--561J
RR504	247 2004 991	Carbon chip 91ohm 1/16W	RM73B--910J
RR506	247 2008 900	Carbon chip 1.8kohm 1/16W	RM73B--182J
RR507	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
RR508	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
RR509-511	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
RR512	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
RR513	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
RR514,515	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
RR516	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
RR517	247 2009 967	Carbon chip 8.2kohm 1/16W	RM73B--822J
RR518	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
RR519	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
RR520	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
RR521	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
RR522	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
RR523	247 2005 945	Carbon chip 150ohm 1/16W	RM73B--151J
RR524,525	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
RR526	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
RR527	247 2008 926	Carbon chip 2.2kohm 1/16W	RM73B--222J
RR528-530	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
RR531	247 2005 929	Carbon chip 120ohm 1/16W	RM73B--121J
RR532	247 2008 968	Carbon chip 3.3kohm 1/16W	RM73B--332J
RR533,534	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
RR535	247 2011 984	Carbon chip 68kohm 1/16W	RM73B--683J
RR536	247 2010 985	Carbon chip 27kohm 1/16W	RM73B--273J
RR537	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
RR538-556	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
RR557	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR558,559	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
RR561-566	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR569,570	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR579-594	247 2003 989	Carbon chip 33ohm 1/16W	RM73B--330J
RR601	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR602-604	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
RR605	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR606	247 2003 989	Carbon chip 33ohm 1/16W	RM73B--330J
RR607-610	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
RR611-619	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR620,621	247 2003 989	Carbon chip 33ohm 1/16W	RM73B--330J

Ref. No.	Part No.	Part Name	Remarks
RR622,623	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
RR624	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR625-628	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
RR629-631	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR632,633	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
RR634-637	247 2003 989	Carbon chip 33ohm 1/16W	RM73B--330J
RR638-641	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
RR642-650	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR651-654	247 2003 989	Carbon chip 33ohm 1/16W	RM73B--330J
RR655-657	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
RR658-662	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR663	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
RR664-666	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
RR667-675	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
RR676-689	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR701	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
RR702,703	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR704	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
RR705,706	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR707	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
RR708	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR709	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
RR710-712	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR713,714	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
RR715,716	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR717	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
RR718	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR719	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
RR720-722	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR723	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
RR724,725	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR726	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
RR727-729	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR730,731	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
RR732-734	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR736-741	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR742,743	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
RR744-757	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR758	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
RR759	247 2006 960	Carbon chip 470ohm 1/16W	RM73B--471J for EU,EC
RR760-786	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR787-790	235 0130 903	EMI filter (11A121)	for EU,EC
RR791	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J for EU,EC
RR792,793	235 0130 903	EMI filter (11A121)	for EU,EC
RR794	247 2008 926	Carbon chip 2.2kohm 1/16W	RM73B--222J for EU,EC
RR795-797	247 2001 949	Carbon chip 3.3ohm 1/16W	RM73B--3R3K
RR798	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J

Ref. No.	Part No.	Part Name	Remarks
RR800,801	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
RR802	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
RR803	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR804,805	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
RR806,807	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
RR808-811	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR816	257 0509 929	Ceramic chip 1000pF/50V	CK73B1H102K
RR820,821	247 2009 970	Carbon chip 9.1kohm 1/16W	RM73B--912J
RR822	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
RR823,824	247 2008 968	Carbon chip 3.3kohm 1/16W	RM73B--332J
RR826	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
RR827	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
RR831	247 2009 970	Carbon chip 9.1kohm 1/16W	RM73B--912J
RR832	247 2008 968	Carbon chip 3.3kohm 1/16W	RM73B--332J
RR835	247 2008 968	Carbon chip 3.3kohm 1/16W	RM73B--332J
RR836	247 2009 970	Carbon chip 9.1kohm 1/16W	RM73B--912J
RR838-841	247 2008 968	Carbon chip 3.3kohm 1/16W	RM73B--332J
RR842-845	247 2004 933	Carbon chip 51ohm 1/16W	RM73B--510J
RR846,847	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR848	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
RR849	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR850,851	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
RR852	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
RR854	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
RR856,857	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
RR859	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR866	257 0509 929	Ceramic chip 1000pF/50V	CK73B1H102K
RR870,871	247 2009 970	Carbon chip 9.1kohm 1/16W	RM73B--912J
RR872	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
RR873,874	247 2008 968	Carbon chip 3.3kohm 1/16W	RM73B--332J
RR876	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
RR877	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
RR881	247 2009 970	Carbon chip 9.1kohm 1/16W	RM73B--912J
RR882	247 2008 968	Carbon chip 3.3kohm 1/16W	RM73B--332J
RR885	247 2008 968	Carbon chip 3.3kohm 1/16W	RM73B--332J
RR886	247 2009 970	Carbon chip 9.1kohm 1/16W	RM73B--912J
RR888-891	247 2008 968	Carbon chip 3.3kohm 1/16W	RM73B--332J
RR892-895	247 2004 933	Carbon chip 51ohm 1/16W	RM73B--510J
RR896,897	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR898	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
RR899	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR900,901	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
RR902	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
RR904	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
RR906,907	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
RR909	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR916	257 0509 929	Ceramic chip 1000pF/50V	CK73B1H102K
RR920,921	247 2009 970	Carbon chip 9.1kohm 1/16W	RM73B--912J
RR922	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
RR923,924	247 2008 968	Carbon chip 3.3kohm 1/16W	RM73B--332J
RR926	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
RR927	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
RR931	247 2009 970	Carbon chip 9.1kohm 1/16W	RM73B--912J
RR932	247 2008 968	Carbon chip 3.3kohm 1/16W	RM73B--332J
RR935	247 2008 968	Carbon chip 3.3kohm 1/16W	RM73B--332J
RR936	247 2009 970	Carbon chip 9.1kohm 1/16W	RM73B--912J
RR938-941	247 2008 968	Carbon chip 3.3kohm 1/16W	RM73B--332J
RR942-945	247 2004 933	Carbon chip 51ohm 1/16W	RM73B--510J
RR946,947	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR948	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
RR949	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR950,951	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
RR952	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
RR954	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
RR956,957	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
RR959	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR966	257 0509 929	Ceramic chip 1000pF/50V	CK73B1H102K
RR970,971	247 2009 970	Carbon chip 9.1kohm 1/16W	RM73B--912J
RR972	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
RR973,974	247 2008 968	Carbon chip 3.3kohm 1/16W	RM73B--332J
RR976	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
RR977	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
RR981	247 2009 970	Carbon chip 9.1kohm 1/16W	RM73B--912J
RR982	247 2008 968	Carbon chip 3.3kohm 1/16W	RM73B--332J
RR985	247 2008 968	Carbon chip 3.3kohm 1/16W	RM73B--332J
RR986	247 2009 970	Carbon chip 9.1kohm 1/16W	RM73B--912J
RR988-991	247 2008 968	Carbon chip 3.3kohm 1/16W	RM73B--332J
RR992-995	247 2004 933	Carbon chip 51ohm 1/16W	RM73B--510J
RR996,997	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR998	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
RR999	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
CAPACITORS GROUP			
C105,106	257 3006 924	Metallized chip 0.01uF/16V	CF73=1C103J (ECHU)
C107,108	254 4313 921	Electrolytic 22uF/50V	CE04W1H220M (ASF)
C109	257 3006 924	Metallized chip 0.01uF/16V	CF73=1C103J (ECHU)
C111,112	254 4313 918	Electrolytic 10uF/50V	CE04W1H100M (ASF)
C120-127	255 1273 902	Mylar film 100pF/50V	CQ93M1H101J (B)
C128-131	257 3011 948	Metallized chip 2200pF/50V	CF73=1H222J (ECHU)
C132,133	255 1264 911	Mylar film 1200pF/50V	CQ93M1H122J (B)
C134-137	254 4313 921	Electrolytic 22uF/50V	CE04W1H220M (ASF)
C138,139	254 4313 963	Electrolytic 1uF/50V	CE04W1H010M (ASF)
C151	257 3006 924	Metallized chip 0.01uF/16V	CF73=1C103J (ECHU)
C153	257 3006 924	Metallized chip 0.01uF/16V	CF73=1C103J (ECHU)
C154-157	257 3013 933	Metallized chip 0.1uF/50V	CF73=1H104J (ECHUC9)
C205,206	257 3006 924	Metallized chip 0.01uF/16V	CF73=1C103J (ECHU)
C207,208	254 4313 921	Electrolytic 22uF/50V	CE04W1H220M (ASF)
C209	257 3006 924	Metallized chip 0.01uF/16V	CF73=1C103J (ECHU)
C211,212	254 4313 918	Electrolytic 10uF/50V	CE04W1H100M (ASF)
C220-227	255 1273 902	Mylar film 100pF/50V	CQ93M1H101J (B)
C228-231	257 3011 948	Metallized chip 2200pF/50V	CF73=1H222J (ECHU)
C232,233	255 1264 911	Mylar film 1200pF/50V	CQ93M1H122J (B)

Ref. No.	Part No.	Part Name	Remarks
C234-237	254 4313 921	Electrolytic 22uF/50V	CE04W1H220M (ASF)
C238,239	254 4313 963	Electrolytic 1uF/50V	CE04W1H010M (ASF)
C302	254 4601 934	Electrolytic 100uF/6.3V	CE67W0J101M (P.CAP)
C305,306	257 3006 924	Metallized chip 0.01uF/16V	CF73=1C103J (ECHU)
C307,308	254 4313 921	Electrolytic 22uF/50V	CE04W1H220M (ASF)
C309	257 3006 924	Metallized chip 0.01uF/16V	CF73=1C103J (ECHU)
C311,312	254 4313 918	Electrolytic 10uF/50V	CE04W1H100M (ASF)
C320-327	255 1273 902	Mylar film 100pF/50V	CQ93M1H101J (B)
C328	257 3012 921	Metallized chip 0.01uF/50V	CF73=1H103J (ECHU)
C329	257 3011 948	Metallized chip 2200pF/50V	CF73=1H222J (ECHU)
C330	257 3012 921	Metallized chip 0.01uF/50V	CF73=1H103J (ECHU)
C331	257 3011 948	Metallized chip 2200pF/50V	CF73=1H222J (ECHU)
C332	255 1265 936	Mylar film 0.01uF/50V	CQ93M1H103J (B)
C333	255 1264 911	Mylar film 1200pF/50V	CQ93M1H122J (B)
C334-337	254 4313 921	Electrolytic 22uF/50V	CE04W1H220M (ASF)
C338,339	254 4313 963	Electrolytic 1uF/50V	CE04W1H010M (ASF)
C402	254 4601 934	Electrolytic 100uF/6.3V	CE67W0J101M (P.CAP)
C405,406	257 3006 924	Metallized chip 0.01uF/16V	CF73=1C103J (ECHU)
C407,408	254 4313 921	Electrolytic 22uF/50V	CE04W1H220M (ASF)
C409	257 3006 924	Metallized chip 0.01uF/16V	CF73=1C103J (ECHU)
C411,412	254 4313 918	Electrolytic 10uF/50V	CE04W1H100M (ASF)
C420-427	255 1273 902	Mylar film 100pF/50V	CQ93M1H101J (B)
C428-431	257 3011 948	Metallized chip 2200pF/50V	CF73=1H222J (ECHU)
C432,433	255 1264 911	Mylar film 1200pF/50V	CQ93M1H122J (B)
C434-437	254 4313 921	Electrolytic 22uF/50V	CE04W1H220M (ASF)
C438,439	254 4313 963	Electrolytic 1uF/50V	CE04W1H010M (ASF)
C441	254 4601 918	Electrolytic 470uF/6.3V	CE67W0J471M (P.CAP)
C444,445	257 0511 904	Ceramic chip 0.01uF/50V	CK73F1H103Z
C446	254 4601 918	Electrolytic 470uF/6.3V	CE67W0J471M (P.CAP)
C450-457	257 3011 919	Metallized chip 1000pF/50V	CF73=1H102J (ECHU) for EU,EC
C458,459	257 0509 929	Ceramic chip 1000pF/50V	CK73B1H102K for EU,EC
C460-465	257 3011 919	Metallized chip 1000pF/50V	CF73=1H102J (ECHU) for EU,EC
C466,467	257 3006 924	Metallized chip 0.01uF/16V	CF73=1C103J (ECHU)
C468,469	254 4601 918	Electrolytic 470uF/6.3V	CE67W0J471M (P.CAP)
C471,472	254 4601 934	Electrolytic 100uF/6.3V	CE67W0J101M (P.CAP)
C475,476	254 4601 934	Electrolytic 100uF/6.3V	CE67W0J101M (P.CAP)
C485-493	257 3014 987	Metallized chip 0.022uF/16V	CF73=1C223J (ECHUB5)
C506-513	257 3006 924	Metallized chip 0.01uF/16V	CF73=1C103J (ECHU)
C514	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C515	257 3006 924	Metallized chip 0.01uF/16V	CF73=1C103J (ECHU)
C516	257 3006 911	Metallized chip 0.1uF/16V	CF73=1C104J (ECHU)
C517	257 3006 924	Metallized chip 0.01uF/16V	CF73=1C103J (ECHU)
C519	257 3006 924	Metallized chip 0.01uF/16V	CF73=1C103J (ECHU)
C521	257 3006 924	Metallized chip 0.01uF/16V	CF73=1C103J (ECHU)
C523	257 3006 924	Metallized chip 0.01uF/16V	CF73=1C103J (ECHU)
C524	257 3006 911	Metallized chip 0.1uF/16V	CF73=1C104J (ECHU)

Ref. No.	Part No.	Part Name	Remarks
C525-530	257 3006 924	Metallized chip 0.01uF/16V	CF73=1C103J (ECHU)
C531-541	254 4604 973	Electrolytic 4.7uF/50V	CE67W1H4R7M (P.CAP)
C542	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C554-564	257 0516 909	Ceramic chip 0.022uF/25V	CK73B1E223K
C565-568	257 3014 987	Metallized chip 0.022uF/16V	CF73=1C223J (ECHUB5)
C571	257 3006 911	Metallized chip 0.1uF/16V	CF73=1C104J (ECHU)
C572-574	257 0516 909	Ceramic chip 0.022uF/25V	CK73B1E223K
C575	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101J
C576,577	254 3086 903	Electrolytic 1uF/50V	CE67C1H010MBP (MV)
C578	257 0509 929	Ceramic chip 1000pF/50V	CK73B1H102K
C579	257 0512 903	Ceramic chip 0.1uF/25V	CK73F1E104Z
C580	254 4464 906	Electrolytic 100uF/6.3V	CE67C0J101M
C581	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C582	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K
C583	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C584	257 0506 922	Ceramic chip 75pF/50V	CC73CH1H750J
C585	254 3084 921	Electrolytic 22uF/16V	CE67C1C220MBP
C586,587	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K
C588,589	257 0512 903	Ceramic chip 0.1uF/25V	CK73F1E104Z
C590-592	257 0516 909	Ceramic chip 0.022uF/25V	CK73B1E223K
C593	257 0503 967	Ceramic chip 15pF/50V	CC73CH1H150J
C595	257 0516 909	Ceramic chip 0.022uF/25V	CK73B1E223K
C596	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C597	257 0516 909	Ceramic chip 0.022uF/25V	CK73B1E223K
C598	257 0512 903	Ceramic chip 0.1uF/25V	CK73F1E104Z
C599	254 3084 921	Electrolytic 22uF/16V	CE67C1C220MBP
C600	257 3011 919	Metallized chip 1000pF/50V	CF73=1H102J (ECHU)
C601	257 3006 911	Metallized chip 0.1uF/16V	CF73=1C104J (ECHU)
C602	257 3014 929	Metallized chip 4700pF/25V	CF73=1C472J (ECHU)
C603	254 4603 958	Electrolytic 100uF/25V	CE67W1E101M (P.CAP)
C604-606	254 4464 906	Electrolytic 100uF/6.3V	CE67C0J101M
C613,614	257 0512 903	Ceramic chip 0.1uF/25V	CK73F1E104Z
C625	257 3011 919	Metallized chip 1000pF/50V	CF73=1H102J (ECHU)
C626	257 3006 911	Metallized chip 0.1uF/16V	CF73=1C104J (ECHU)
C627	257 3014 929	Metallized chip 4700pF/25V	CF73=1C472J (ECHU)
C628	254 4603 958	Electrolytic 100uF/25V	CE67W1E101M (P.CAP)
C641	257 0516 909	Ceramic chip 0.022uF/25V	CK73B1E223K
C642	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C644	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C646,647	257 0516 909	Ceramic chip 0.022uF/25V	CK73B1E223K
C648	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C649	257 0516 909	Ceramic chip 0.022uF/25V	CK73B1E223K
C650	257 3011 919	Metallized chip 1000pF/50V	CF73=1H102J (ECHU)
C651	257 3006 911	Metallized chip 0.1uF/16V	CF73=1C104J (ECHU)
C652	257 3014 929	Metallized chip 4700pF/25V	CF73=1C472J (ECHU)
C653	254 4603 958	Electrolytic 100uF/25V	CE67W1E101M (P.CAP)
C675	257 3011 919	Metallized chip 1000pF/50V	CF73=1H102J (ECHU)
C676	257 3006 911	Metallized chip 0.1uF/16V	CF73=1C104J (ECHU)
C677	257 3014 929	Metallized chip 4700pF/25V	CF73=1C472J (ECHU)
C678	254 4603 958	Electrolytic 100uF/25V	CE67W1E101M (P.CAP)
C681	257 0509 929	Ceramic chip 1000pF/50V	CK73B1H102K

Ref. No.	Part No.	Part Name	Remarks
C682	257 0512 903	Ceramic chip 0.1uF/25V	CK73F1E104Z
C683	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C686	254 4471 902	Electrolytic 4.7uF/35V	CE67C1V4R7M
C687	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C688-691	257 0512 903	Ceramic chip 0.1uF/25V	CK73F1E104Z
C701,702	257 0512 903	Ceramic chip 0.1uF/25V	CK73F1E104Z
C703	254 4464 906	Electrolytic 100uF/6.3V	CE67C0J101M
C704,705	257 0504 908	Ceramic chip 22pF/50V	CC73CH1H220J
C706-713	257 0512 903	Ceramic chip 0.1uF/25V	CK73F1E104Z
C716,717	257 3014 987	Metallized chip 0.022uF/16V	CF73=1C223J (ECHUB5)
C718,719	257 0512 903	Ceramic chip 0.1uF/25V	CK73F1E104Z
C720	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C721	254 4601 905	Electrolytic 330uF/6.3V	CE67W0J331M (P.CAP)
C722	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C723	257 0512 903	Ceramic chip 0.1uF/25V	CK73F1E104Z
C724	254 4601 905	Electrolytic 330uF/6.3V	CE67W0J331M (P.CAP)
C725	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C726-730	257 0512 903	Ceramic chip 0.1uF/25V	CK73F1E104Z
C731	254 4464 906	Electrolytic 100uF/6.3V	CE67C0J101M
C732,733	257 0503 967	Ceramic chip 15pF/50V	CC73CH1H150J
C734,735	257 0512 903	Ceramic chip 0.1uF/25V	CK73F1E104Z
C736	254 4464 906	Electrolytic 100uF/6.3V	CE67C0J101M
C737	257 0512 903	Ceramic chip 0.1uF/25V	CK73F1E104Z
C739	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C741	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C742	257 0512 903	Ceramic chip 0.1uF/25V	CK73F1E104Z
C744	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C746	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C747	257 0512 903	Ceramic chip 0.1uF/25V	CK73F1E104Z
C748	254 4471 902	Electrolytic 4.7uF/35V	CE67C1V4R7M
C749,750	257 0516 909	Ceramic chip 0.022uF/25V	CK73B1E223K
C751	257 0512 903	Ceramic chip 0.1uF/25V	CK73F1E104Z
C752	259 0007 003	Back up cap. 8200uF/5.5V	SB CAP==822=
C753	254 4465 934	Electrolytic 220uF/16V	CE67C1C221M
C754	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C766	257 0516 909	Ceramic chip 0.022uF/25V	CK73B1E223K
C768	257 0516 909	Ceramic chip 0.022uF/25V	CK73B1E223K
C793,794	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
C795	257 0509 929	Ceramic chip 1000pF/50V	CK73B1H102K
C799	257 0512 903	Ceramic chip 0.1uF/25V	CK73F1E104Z
C801	257 3013 904	Metallized chip 0.056uF/50V	CF73=1H563J (ECHUC9)
C802	257 3013 933	Metallized chip 0.1uF/50V	CF73=1H104J (ECHUC9)
C803	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C804	257 3012 934	Metallized chip 0.012uF/50V	CF73=1H123J (ECHU)
C805	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C806	254 3086 903	Electrolytic 1uF/50V	CE67C1H010MBP (MV)
C807	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C808-811	257 3010 907	Metallized chip 100pF/50V	CF73=1H101J (ECHU)
C812,813	257 3011 919	Metallized chip 1000pF/50V	CF73=1H102J (ECHU)
C818,819	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M

Ref. No.	Part No.	Part Name	Remarks
C820,821	257 3011 919	Metallized chip 1000pF/50V	CF73=1H102J (ECHU)
C822,823	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C824,825	257 3011 919	Metallized chip 1000pF/50V	CF73=1H102J (ECHU)
C826	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C828	257 3011 919	Metallized chip 1000pF/50V	CF73=1H102J (ECHU)
C832	257 3011 919	Metallized chip 1000pF/50V	CF73=1H102J (ECHU)
C833	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C853	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C855	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C858-861	257 3010 907	Metallized chip 100pF/50V	CF73=1H101J (ECHU)
C862,863	257 3011 919	Metallized chip 1000pF/50V	CF73=1H102J (ECHU)
C868,869	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C870,871	257 3011 919	Metallized chip 1000pF/50V	CF73=1H102J (ECHU)
C872,873	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C874,875	257 3011 919	Metallized chip 1000pF/50V	CF73=1H102J (ECHU)
C876	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C878	257 3011 919	Metallized chip 1000pF/50V	CF73=1H102J (ECHU)
C882	257 3011 919	Metallized chip 1000pF/50V	CF73=1H102J (ECHU)
C883	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C884,885	257 0516 909	Ceramic chip 0.022uF/25V	CK73B1E223K
C903	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C904	257 3006 924	Metallized chip 0.01uF/16V	CF73=1C103J (ECHU)
C905	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C906,907	257 3006 924	Metallized chip 0.01uF/16V	CF73=1C103J (ECHU)
C908-911	257 3010 907	Metallized chip 100pF/50V	CF73=1H101J (ECHU)
C912,913	257 3011 919	Metallized chip 1000pF/50V	CF73=1H102J (ECHU)
C918,919	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C920,921	257 3011 919	Metallized chip 1000pF/50V	CF73=1H102J (ECHU)
C922,923	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C924,925	257 3011 919	Metallized chip 1000pF/50V	CF73=1H102J (ECHU)
C926	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C928	257 3011 919	Metallized chip 1000pF/50V	CF73=1H102J (ECHU)
C932	257 3011 919	Metallized chip 1000pF/50V	CF73=1H102J (ECHU)
C933	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C953	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C955	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C958-961	257 3010 907	Metallized chip 100pF/50V	CF73=1H101J (ECHU)
C962,963	257 3011 919	Metallized chip 1000pF/50V	CF73=1H102J (ECHU)
C968,969	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C970,971	257 3011 919	Metallized chip 1000pF/50V	CF73=1H102J (ECHU)
C972,973	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C974,975	257 3011 919	Metallized chip 1000pF/50V	CF73=1H102J (ECHU)
C976	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C978	257 3011 919	Metallized chip 1000pF/50V	CF73=1H102J (ECHU)
C981	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M
C982	257 3011 919	Metallized chip 1000pF/50V	CF73=1H102J (ECHU)
C983	254 4465 921	Electrolytic 10uF/16V	CE67C1C100M

Ref. No.	Part No.	Part Name	Remarks	Q'ty
OTHER PARTS GROUP				
CW945	203 6578 009	4P SAN-SAN connector cord		1
CX030	205 0343 032	3P connector base (KR-PH)		1
CX043	205 0343 045	4P connector base (KR-PH)		1
CX045	205 0321 041	4P connector base (RED)		1
CX046	205 0343 045	4P connector base (KR-PH)		1
CX104,105	205 0375 000	10P connector base (KR-PH)		2
CX108	205 0375 000	10P connector base (KR-PH)		1
CX111	205 0375 013	11P connector base (KR-PH)	for EU,EC	1
CX112	205 0375 013	11P connector base (KR-PH)		1
CX122	205 0375 026	12P connector base (KR-PH)		1
CX126	205 0375 026	12P connector base (KR-PH)		1
CX131	205 0375 039	13P connector base (KR-PH)		1
CX141	205 0375 042	14P connector base (KR-PH)		1
CX144	205 0375 042	14P connector base (KR-PH)		1
CX291,292	205 0736 034	29P FFC connector base		2
CX871	205 0343 074	7P connector base (KR-PH)		1
CX975	205 0321 070	7P connector base (RED)		1
CX982	205 0343 087	8P connector base (KR-PH)		1
CY067	205 0343 061	6P connector base (KR-PH)		1
CY073	205 0343 074	7P connector base (KR-PH)		1
CY301	205 1226 909	30P connector base (AXN3) S		1
CY401	205 1226 912	40P connector base (AXN3) S		1
FB101-103	247 0040 902	Carbon chip 0ohm 1/10W	RM73B--0R0K (ATD)	3
FB104,105	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K	2
FB106	247 0040 902	Carbon chip 0ohm 1/10W	RM73B--0R0K (ATD)	1
FB107,108	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K	2
FB109	247 0040 902	Carbon chip 0ohm 1/10W	RM73B--0R0K (ATD)	1
FB110,111	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K	2
FB112	247 0040 902	Carbon chip 0ohm 1/10W	RM73B--0R0K (ATD)	1
FB113,114	235 0147 909	EMI filter	BLM21PG221SN1	2
FB121-124	235 0130 903	EMI filter (11A121)		4
FB221-224	235 0130 903	EMI filter (11A121)		4
FB321-324	235 0130 903	EMI filter (11A121)		4
FB421-424	235 0130 903	EMI filter (11A121)		4
FB565-567	235 0147 909	EMI filter	BLM21PG221SN1	3
FB601-603	235 0130 903	EMI filter (11A121)		3
FB701-704	235 0130 903	EMI filter (11A121)		4
FB705,706	235 0147 909	EMI filter	BLM21PG221SN1	2
FB707-710	235 0130 903	EMI filter (11A121)		4
FB714-729	235 0147 909	EMI filter	BLM21PG221SN1	16
FB730	235 0130 903	EMI filter (11A121)	for EU,EC	1
FB731-733	235 0147 909	EMI filter	BLM21PG221SN1 for EU,EC	3
FB735-745	235 0147 909	EMI filter	BLM21PG221SN1	11
FB746	235 0130 903	EMI filter (11A121)		1
FB747-750	235 0147 909	EMI filter	BLM21PG221SN1	4
FB800	235 0130 903	EMI filter (11A121)		1
FB802	235 0130 903	EMI filter (11A121)		1

Ref. No.	Part No.	Part Name	Remarks	Q'ty
FB808,809	235 0130 903	EMI filter (11A121)		2
FB812,813	235 0130 903	EMI filter (11A121)		2
FB821	235 0049 900	Beads inductor		1
FB858,859	235 0130 903	EMI filter (11A121)		2
FB862,863	235 0130 903	EMI filter (11A121)		2
FB908-913	235 0130 903	EMI filter (11A121)		6
FB958,959	235 0130 903	EMI filter (11A121)		2
FB962,963	235 0130 903	EMI filter (11A121)		2
JK101	204 8648 008	1P pin jack (F-GNDAU)		1
JK103	205 1222 000	RJ-45 jack (GND)		1
JK104	204 8645 001	4P pin jack (F-GNDAU)		1
JK251	204 8517 003	1P pin jack (S-GND)		1
L501	261 0152 003	2.88M band pass filter		1
L502	235 0070 953	Inductor 68uH		1
RL101,102	214 0222 908	Relay (EE2-24N35)		2
RL201,202	214 0222 908	Relay (EE2-24N35)		2
RL301	214 0222 908	Relay (EE2-24N35)		1
RL801	214 0222 908	Relay (EE2-24N35)		1
S701	212 0474 909	5P DIP switch		1
S702	212 4807 909	Tact switch		1
S703	212 0475 908	2P DIP switch		1
S704	212 4807 909	Tact switch		1
ST102,103	205 0452 017	Style pin		2
ST105	205 0452 017	Style pin		1
X501	399 0783 900	Crystal 18.432MHz		1
X701	399 0796 900	Crystal 10MHz		1
X702	399 0782 901	Crystal 15MHz		1
	001 0128 024	Vinyl wire		1
	417 0532 006	Radiator		2
	473 7002 018	Screw 3x8 CBTS (S)-Z		2

1U-3426 DSP P.W.B. UNIT ASS'Y

Ref. No.	Part No.	Part Name	Remarks
SEMICONDUCTORS GROUP			
IC801	262 3070 004	IC ADSP-21161N	
IC802	262 2729 903	IC SN74LV02APW	
IC803,804	262 2642 909	IC SN74LV573APW	
IC805	262 3071 003	IC M29W160DB90N1	
IC806	262 2916 004	IC 64M SDRAM	
IC808	262 3063 901	IC FCX0-03 (25.000MHz)	
IC901	262 3070 004	IC ADSP-21161N	
IC902	262 2729 903	IC SN74LV02APW	
IC903,904	262 2642 909	IC SN74LV573APW	
IC905	262 3071 003	IC M29W160DB90N1	
IC906	262 2916 004	IC 64M SDRAM	
D801	276 0750 902	Diode RB521S-30	
D901	276 0750 902	Diode RB521S-30	
RESISTORS GROUP			
R601-645	247 3001 906	Carbon chip 0ohm 1/16W	RM73B--0R0K
R646	247 3006 985	Carbon chip 220ohm 1/16W	RM73B--221J
R647-688	247 3001 906	Carbon chip 0ohm 1/16W	RM73B--0R0K
R701-745	247 3001 906	Carbon chip 0ohm 1/16W	RM73B--0R0K
R746	247 3006 985	Carbon chip 220ohm 1/16W	RM73B--221J
R747-788	247 3001 906	Carbon chip 0ohm 1/16W	RM73B--0R0K
R800	247 3015 963	Carbon chip 1Mohm 1/16W	RM73B--105K
R801-803	247 3002 947	Carbon chip 3.3ohm 1/16W	RM73B--3R3K
R804	247 3015 963	Carbon chip 1Mohm 1/16W	RM73B--105K
R806,807	247 3015 963	Carbon chip 1Mohm 1/16W	RM73B--105K
R808-810	247 3010 900	Carbon chip 4.7kohm 1/16W	RM73B--472J
R811,812	247 3015 963	Carbon chip 1Mohm 1/16W	RM73B--105K
R813	247 3010 900	Carbon chip 4.7kohm 1/16W	RM73B--472J
R814	247 3015 963	Carbon chip 1Mohm 1/16W	RM73B--105K
R815	247 3010 900	Carbon chip 4.7kohm 1/16W	RM73B--472J
R816	247 3001 906	Carbon chip 0ohm 1/16W	RM73B--0R0K
R818-830	247 3001 906	Carbon chip 0ohm 1/16W	RM73B--0R0K
R832	247 3010 900	Carbon chip 4.7kohm 1/16W	RM73B--472J
R833-837	247 3001 906	Carbon chip 0ohm 1/16W	RM73B--0R0K
R838	247 3012 940	Carbon chip 47kohm 1/16W	RM73B--473J
R843-845	247 3010 984	Carbon chip 10kohm 1/16W	RM73B--103J
R846	247 3001 906	Carbon chip 0ohm 1/16W	RM73B--0R0K
R847-852	247 3010 984	Carbon chip 10kohm 1/16W	RM73B--103J
R854	247 3010 984	Carbon chip 10kohm 1/16W	RM73B--103J
R859,860	247 3001 906	Carbon chip 0ohm 1/16W	RM73B--0R0K
R862,863	247 3001 906	Carbon chip 0ohm 1/16W	RM73B--0R0K
R864,865	247 3005 928	Carbon chip 47ohm 1/16W	RM73B--470J
R867	247 3010 984	Carbon chip 10kohm 1/16W	RM73B--103J
R868-870	247 3009 953	Carbon chip 3kohm 1/16W	RM73B--302J
R900	247 3015 963	Carbon chip 1Mohm 1/16W	RM73B--105K
R901-903	247 3002 947	Carbon chip 3.3ohm 1/16W	RM73B--3R3K
R904	247 3015 963	Carbon chip 1Mohm 1/16W	RM73B--105K
R906,907	247 3015 963	Carbon chip 1Mohm 1/16W	RM73B--105K
R908-910	247 3010 900	Carbon chip 4.7kohm 1/16W	RM73B--472J
R911,912	247 3015 963	Carbon chip 1Mohm 1/16W	RM73B--105K
R913	247 3010 900	Carbon chip 4.7kohm 1/16W	RM73B--472J
R914	247 3015 963	Carbon chip 1Mohm 1/16W	RM73B--105K
R915	247 3010 900	Carbon chip 4.7kohm 1/16W	RM73B--472J
R916	247 3001 906	Carbon chip 0ohm 1/16W	RM73B--0R0K
R918-930	247 3001 906	Carbon chip 0ohm 1/16W	RM73B--0R0K
R932	247 3010 900	Carbon chip 4.7kohm 1/16W	RM73B--472J
R933-937	247 3001 906	Carbon chip 0ohm 1/16W	RM73B--0R0K
R938	247 3012 940	Carbon chip 47kohm 1/16W	RM73B--473J
R943-945	247 3010 984	Carbon chip 10kohm 1/16W	RM73B--103J
R946	247 3001 906	Carbon chip 0ohm 1/16W	RM73B--0R0K
R947-952	247 3010 984	Carbon chip 10kohm 1/16W	RM73B--103J
R954-961	247 3010 984	Carbon chip 10kohm 1/16W	RM73B--103J
R968-970	247 3009 953	Carbon chip 3kohm 1/16W	RM73B--302J
CAPACITORS GROUP			
C801	257 5009 974	Ceramic chip 0.1uF/16V	CK73F1C104Z
C802	257 5006 993	Ceramic chip 1000pF/50V	CK73B1H102K
C803	254 4603 916	Electrolytic 10uF/25V	CE67W1E100M (P.CAP)
C804	257 5009 974	Ceramic chip 0.1uF/16V	CK73F1C104Z
C805	257 5006 993	Ceramic chip 1000pF/50V	CK73B1H102K
C806	254 4614 905	Electrolytic 220uF/6.3V	CA67C0J221M (SVP)
C807-809	257 5009 974	Ceramic chip 0.1uF/16V	CK73F1C104Z
C810-812	257 5006 993	Ceramic chip 1000pF/50V	CK73B1H102K
C813	254 4601 918	Electrolytic 470uF/6.3V	CE67W0J471M (P.CAP)
C814-819	257 5009 932	Ceramic chip 0.022uF/25V	CK73F1E223Z
C820	257 5009 974	Ceramic chip 0.1uF/16V	CK73F1C104Z
C821	257 5006 993	Ceramic chip 1000pF/50V	CK73B1H102K
C822	254 4603 916	Electrolytic 10uF/25V	CE67W1E100M (P.CAP)
C901	257 5009 974	Ceramic chip 0.1uF/16V	CK73F1C104Z
C902	257 5006 993	Ceramic chip 1000pF/50V	CK73B1H102K
C903	254 4603 916	Electrolytic 10uF/25V	CE67W1E100M (P.CAP)
C904	257 5009 974	Ceramic chip 0.1uF/16V	CK73F1C104Z
C905	257 5006 993	Ceramic chip 1000pF/50V	CK73B1H102K
C906	254 4614 905	Electrolytic 220uF/6.3V	CA67C0J221M (SVP)
C907-909	257 5009 974	Ceramic chip 0.1uF/16V	CK73F1C104Z
C910-912	257 5006 993	Ceramic chip 1000pF/50V	CK73B1H102K
C913	254 4601 918	Electrolytic 470uF/6.3V	CE67W0J471M (P.CAP)
C914-919	257 5009 932	Ceramic chip 0.022uF/25V	CK73F1E223Z
OTHER PARTS GROUP			**Q'ty**
CX301	205 1227 908	30P connector base (AXN4) H	1
CX401	205 1227 911	40P connector base (AXN4) H	1
S801	212 4807 909	Tact switch	1
S901	212 4807 909	Tact switch	1

1U-3292G/3292H/3292M FRONT P.W.B. UNIT ASS'Y

Ref. No.	Part No.	Part Name	Remarks
SEMICONDUCTORS GROUP			
IC101	262 1911 903	IC M66313FP	
IC102	262 2549 002	IC LC75721E	
IC401	499 0290 007	Remocon sensor GP1U271X	
TR101	269 0055 900	Transistor DTA144EK	
TR102	269 0054 901	Transistor DTC144EK	
TR103	269 0055 900	Transistor DTA144EK	
TR104	269 0054 901	Transistor DTC144EK	
TR105	269 0055 900	Transistor DTA144EK	
TR106	269 0054 901	Transistor DTC144EK	
TR401	269 0055 900	Transistor DTA144EK	
D101-103	276 0559 909	Diode DAP202K	
ZD101	276 0683 914	Zener diode UDZS9.1B	
ZD102,103	276 0694 932	Zener diode UDZ6.8B	
LD102-114	393 9434 906	LED SEL1210S	Red
LD115,116	393 9452 904	LED SEL1410E	Green
LD121	393 9434 906	LED SEL1210S	Red
LD122	393 9584 908	LED SEL2E10C	Blue
LD123-127	393 9434 906	LED SEL1210S	Red
LD128-130	393 9452 904	LED SEL1410E	Green
LD401	393 9408 903	LED SEL-4214S	Red
FL101	393 8033 007	FLD (CM1690C)	
RESISTORS GROUP			
R101-111	247 2006 986	Carbon chip 560ohm 1/16W	RM73B--561J
R112,113	247 2006 960	Carbon chip 470ohm 1/16W	RM73B--471J
R114	247 2010 956	Carbon chip 20kohm 1/16W	RM73B--203J
R115-130	247 2011 984	Carbon chip 68kohm 1/16W	RM73B--683J
R131,132	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R133-146	247 2011 984	Carbon chip 68kohm 1/16W	RM73B--683J
R147-149	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R150-162	247 2011 984	Carbon chip 68kohm 1/16W	RM73B--683J
R163-166	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
R170-177	247 2011 984	Carbon chip 68kohm 1/16W	RM73B--683J
R178	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R179	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R182	247 2010 956	Carbon chip 20kohm 1/16W	RM73B--203J
R183,184	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R185,186	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R187	247 2007 927	Carbon chip 820ohm 1/16W	RM73B--821J
R188	247 2006 973	Carbon chip 510ohm 1/16W	RM73B--511J
R189-194	247 2007 927	Carbon chip 820ohm 1/16W	RM73B--821J
R196,197	247 2006 960	Carbon chip 470ohm 1/16W	RM73B--471J
R199	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K

Ref. No.	Part No.	Part Name	Remarks
R201,202	247 2006 986	Carbon chip 560ohm 1/16W	RM73B--561J
R301-304	247 2006 960	Carbon chip 470ohm 1/16W	RM73B--471J
R305-308	247 2002 964	Carbon chip 10ohm 1/16W	RM73B--100J
R309-312	247 2015 964	Carbon chip 2.7Mohm 1/16W	RM73B--275K
R317	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R401,402	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R403,404	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R405,406	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R407,408	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R409	247 2005 974	Carbon chip 200ohm 1/16W	RM73B--201J
R410	247 2006 928	Carbon chip 300ohm 1/16W	RM73B--301J
R411	247 2006 973	Carbon chip 510ohm 1/16W	RM73B--511J
R412	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
R413	247 2008 955	Carbon chip 3kohm 1/16W	RM73B--302J
R414	247 2005 974	Carbon chip 200ohm 1/16W	RM73B--201J
R415	247 2006 928	Carbon chip 300ohm 1/16W	RM73B--301J
R416	247 2006 973	Carbon chip 510ohm 1/16W	RM73B--511J
R417	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
R418	247 2008 955	Carbon chip 3kohm 1/16W	RM73B--302J
R419	247 2005 974	Carbon chip 200ohm 1/16W	RM73B--201J
R420	247 2006 928	Carbon chip 300ohm 1/16W	RM73B--301J
R421	247 2006 973	Carbon chip 510ohm 1/16W	RM73B--511J
R422	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
R423	247 2008 955	Carbon chip 3kohm 1/16W	RM73B--302J
R426,427	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R428	247 2008 913	Carbon chip 2kohm 1/16W	RM73B--202J
R429	247 2008 955	Carbon chip 3kohm 1/16W	RM73B--302J
R430	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R431,432	247 2006 999	Carbon chip 620ohm 1/16W	RM73B--621J
R951	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
RR425,426	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
RR431	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
CAPACITORS GROUP			
C101	257 0512 903	Ceramic chip 0.1uF/25V	CK73F1E104Z
C102	254 4538 900	Electrolytic 10uF/16V	CE04W1C100M (SMG/RE3)
C105	257 0512 903	Ceramic chip 0.1uF/25V	CK73F1E104Z
C106	257 0509 929	Ceramic chip 1000pF/50V	CK73B1H102K
C109	254 4525 926	Electrolytic 100uF/50V	CE04W1H101M (SMG/RE3)
C110	257 0511 904	Ceramic chip 0.01uF/50V	CK73F1H103Z
C111	254 4533 947	Electrolytic 330uF/6.3V	CE04W0J331M (SMG/RE3)
C112	257 0504 937	Ceramic chip 30pF/50V	CC73CH1H300J
C114,115	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K
C116	257 0511 904	Ceramic chip 0.01uF/50V	CK73F1H103Z
C117	254 4536 928	Electrolytic 100uF/10V	CE04W1A101M (SMG/RE3)
C119	256 1058 971	Metallized 0.1uF/50V	CF93A1H104J (JL)
C310	254 4524 943	Electrolytic 1uF/50V	CE04W1H010M (SMG/RE3)

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Ref. No.	Part No.	Part Name	Remarks
C311,312	257 0511 917	Ceramic chip 0.022uF/50V	CK73F1H223Z for E2,E1,E1C,EUT
C401-404	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K
C406,407	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K
C408	254 4305 968	Electrolytic 1uF/50V	CE04W1H010M (SRE)
C411	257 0511 904	Ceramic chip 0.01uF/50V	CK73F1H103Z for EU,EC
C953	257 0511 904	Ceramic chip 0.01uF/50V	CK73F1H103Z
C957	256 1058 971	Metallized 0.1uF/50V	CF93A1H104J (JL)
OTHER PARTS GROUP			**Q'ty**
⚠ AC601	203 3946 003	AC outlet (POLARIZED)	for EU,EC,EUT 1
CW074	204 2930 000	8P KR-DA connector cord	1
CW103	204 2845 001	10P KR-DA connector cord	1
CX033	205 0355 033	3P KR connector base (L)	for EU,EC 1
CX074	205 0343 087	8P connector base (KR-PH)	1
CX103	205 0375 000	10P connector base (KR-PH)	1
CY021	205 1093 006	2P VH connector base	for E2,E1,E1C,EUT 1
CY025	205 0581 001	2P VH connector base	for EU,EC,EUT 1
CY033	203 4834 088	3P KR-DA connector cord	for EU,EC 1
CY041	205 0343 045	4P connector base (KR-PH)	1
CY127	205 0375 026	12P connector base (KR-PH)	1
CY291	205 1101 008	29P FFC connector base (L)	1
JK301,302	204 8514 006	4P pin jack (S-GND)	2
JK951	204 8217 031	Headphone jack (BK(AU))	1
L101	235 0060 989	Inductor 120uH	1
S171	212 0415 007	Rotary encoder (EC16B36)	1
S401,402	212 0373 000	Rotary encoder (EC16B)	2
S403-420	212 5604 910	Tact switch	18
S421	212 0373 000	Rotary encoder (EC16B)	1
S422,423	212 5604 910	Tact switch	2
⚠ S424	212 1030 009	Power switch (TV-5)	for E2,E1,E1C,EUT
S429	212 0420 005	1P push switch (NON LOCK)	for EU,EC 1
W101	203 0605 004	1P SIN connector cord	1
W102	203 0605 059	1P SIN connector cord	1
W103	203 0605 046	1P SIN connector cord	1
W401	203 0605 033	1P SIN connector cord	1
W714	203 0440 065	1P contact Ass'y	1
W744	203 0526 073	1P contact Ass'y	1

Ref. No.	Part No.	Part Name	Remarks
SEMICONDUCTORS GROUP			
IC302	263 0809 006	IC NJM7805FA (S)	
IC304	263 1048 002	IC BA033T	
IC306	263 0809 006	IC NJM7805FA (S)	
IC307	263 0554 005	IC NJM7905FA	
IC312	263 0812 006	IC NJM7815FA (S)	
IC313	263 0561 001	IC NJM7915FA	
TR313	273 0303 910	Transistor 2SC1740S (S)	
TR315	273 0303 910	Transistor 2SC1740S (S)	
TR317	273 0303 910	Transistor 2SC1740S (S)	
TR318	271 0192 905	Transistor 2SA933S (S)	
TR319	271 0117 906	Transistor 2SA1020 (Y)	
TR322	271 0117 906	Transistor 2SA1020 (Y)	
TR324	271 0117 906	Transistor 2SA1020 (Y)	
TR325	273 0212 904	Transistor 2SC2655 (Y)	
TR326-328	269 0020 906	Transistor DTC114ES (10K-10K)	
TR501	273 0303 910	Transistor 2SC1740S (S)	
D305	276 0432 903	Diode 1SS270A	
D307	276 0432 903	Diode 1SS270A	
D313-316	276 0432 903	Diode 1SS270A	
D501-504	276 0706 008	Diode FCH20A15	
PT510	279 0034 012	Posistor PTH9M04BG222TS2F333	
RESISTORS GROUP			
R316	241 2376 919	Carbon film 30ohm 1/4W (NB)	RD14B2E300JNBS
R318	241 2376 919	Carbon film 30ohm 1/4W (NB)	RD14B2E300JNBS
R320,321	241 2376 919	Carbon film 30ohm 1/4W (NB)	RD14B2E300JNBS
R328,329	241 2376 919	Carbon film 30ohm 1/4W (NB)	RD14B2E300JNBS
R506-511	243 2039 032	Winding 0.1ohm 5W	RW99=3H0R1K
CAPACITORS GROUP			
C310	254 4524 985	Electrolytic 10uF/50V	CE04W1H100M (SMG/RE3)
C316	254 4524 943	Electrolytic 1uF/50V	CE04W1H010M (SMG/RE3)
C318,319	254 4524 943	Electrolytic 1uF/50V	CE04W1H010M (SMG/RE3)
C320,321	254 4557 936	Electrolytic 10uF/50V	CE04W1H100M (RFS)
C323	254 4524 943	Electrolytic 1uF/50V	CE04W1H010M (SMG/RE3)
C327	254 4524 943	Electrolytic 1uF/50V	CE04W1H010M (SMG/RE3)
C331	254 4524 943	Electrolytic 1uF/50V	CE04W1H010M (SMG/RE3)
C334	254 4524 943	Electrolytic 1uF/50V	CE04W1H010M (SMG/RE3)
C336,337	254 4313 963	Electrolytic 1uF/50V	CE04W1H010M (ASF)
C340-343	254 4524 943	Electrolytic 1uF/50V	CE04W1H010M (SMG/RE3)
C359,360	254 4524 985	Electrolytic 10uF/50V	CE04W1H100M (SMG/RE3)
C401-403	255 4232 937	Polypropylene film 1000pF/100V	CQ93P2A102J (NH) for E2,E1,E1C,EUT

Ref. No.	Part No.	Part Name	Remarks
C405	255 4232 937	Polypropylene film 1000pF/100V	CQ93P2A102J (NH) for E2,E1,E1C,EUT
C406,407	255 1265 936	Mylar film 0.01uF/50V	CQ93M1H103J (B)
C410	255 1265 936	Mylar film 0.01uF/50V	CQ93M1H103J (B)
C411-413	255 4232 937	Polypropylene film 1000pF/100V	CQ93P2A102J (NH) for E2,E1,E1C,EUT
C415	255 1265 936	Mylar film 0.01uF/50V	CQ93M1H103J (B)
C417	255 1265 936	Mylar film 0.01uF/50V	CQ93M1H103J (B)
C419	255 1265 936	Mylar film 0.01uF/50V	CQ93M1H103J (B)
C420,421	255 4232 937	Polypropylene film 1000pF/100V	CQ93P2A102J (NH) for E2,E1,E1C,EUT
C422	255 1265 936	Mylar film 0.01uF/50V	CQ93M1H103J (B)
C507-509	256 1042 903	Metallized 0.1uF/250V	CF93A2E104K
C511	255 1265 936	Mylar film 0.01uF/50V	CQ93M1H103J (B)
C512	254 4533 947	Electrolytic 330uF/6.3V	CE04W0J331M (SMG/RE3)

OTHER PARTS GROUP				Q'ty
CW022	203 2399 017	2P SDN-SDN connector cord		1
CW023	203 2418 008	2P SDN-SDN connector cord		1
CW024	203 2400 016	2P SDN-3T lug wire		1
CW025	203 2401 015	2P SDN-3T lug wire		1
CW026	203 2400 016	2P SDN-3T lug wire		1
CW038	203 5237 008	3P SDN-SDN connector cord		1
CW071	205 0942 022	7P connector socket (TUC-P)		1
CW081,082	205 0885 095	8P connector socket (TUC-P)		2
CW102	205 0885 053	10P connector socket (TUC-P)		1
CW933,934	203 5237 011	3P SDN-SDN connector cord		2
CW935	203 5225 007	3P SAN-SAN connector cord		1
CW936	203 5235 013	3P SDN-3T lug wire		1
CW937	203 5236 012	3P SDN-3T lug wire		1
CW938	203 5235 013	3P SDN-3T lug wire		1
CW939	203 5236 012	3P SDN-3T lug wire		1
CX075	205 0343 074	7P connector base (KR-PH)		1
JK401	205 1202 004	6P SP terminal	for EU,EC	1
JK401	205 1201 005	4P SP terminal	for E2,E1,E1C,EUT	1
JK402	205 1202 004	6P SP terminal		1
JK403	205 1201 005	4P SP terminal		1
JK404	205 1202 004	6P SP terminal	for EU,EC	1
JK404	205 1201 005	4P SP terminal	for E2,E1,E1C,EUT	1
TP501	205 0190 036	3P NH connector base		1
W421	203 0688 005	1P SIN-SIN wire		1
W422	203 0688 018	1P SIN-SIN wire		1
W508-513	205 0864 003	M3 Screw terminal		6
W514-516	205 1034 023	M3 Screw terminal		3
W517,518	205 1034 010	M3 Screw terminal		2
	001 0057 027	Vinyl wire	for EU,EC	2

Ref. No.	Part No.	Part Name	Remarks	Q'ty
	001 0057 030	Vinyl wire	for EU,EC	1
	203 0689 004	1P SIN-SIN wire		1
	473 7002 018	Screw 3x8 CBTS (S)-Z		5
	417 0604 002	Radiator		1

1U-3404/3404A/3404E/3404F PRE P.W.B. UNIT ASS'Y

Ref. No.	Part No.	Part Name	Remarks
SEMICONDUCTORS GROUP			
⚠ IC101,102	268 0073 905	IC ICP-N15	
IC103	263 0809 006	IC NJM7805FA (S)	
IC104	263 0554 005	IC NJM7905FA	
⚠ IC105,106	268 0073 905	IC ICP-N15	
IC107	263 0809 006	IC NJM7805FA (S)	
IC201	263 1035 002	IC PQ30RV11	
⚠ IC202	268 0073 905	IC ICP-N15	
IC501	263 0986 000	IC NJM7820FA (S)	
IC502	263 0801 004	IC NJM7812FA (S)	for EU,EC
IC509	263 1163 000	IC KIA78R09PI	
TR101	271 0117 906	Transistor 2SA1020 (Y)	
TR102	273 0212 904	Transistor 2SC2655 (Y)	
TR103	273 0303 910	Transistor 2SC1740S (S)	
TR104	271 0192 905	Transistor 2SA933S (S)	
TR105	272 0115 011	Transistor 2SB1186A (E)	
TR106	269 0020 906	Transistor DTC114ES (10K-10K)	
TR201	273 0303 910	Transistor 2SC1740S (S)	
TR202	269 0040 902	Transistor DTC144ES (47K-47K)	
TR203	273 0303 910	Transistor 2SC1740S (S)	
TR204	269 0020 906	Transistor DTC114ES (10K-10K)	
TR205	271 0192 905	Transistor 2SA933S (S)	
TR206	273 0303 910	Transistor 2SC1740S (S)	
TR301,302	273 0445 001	Transistor 2SC4495	
TR303,304	271 0192 905	Transistor 2SA933S (S)	
TR512	269 0020 906	Transistor DTC114ES (10K-10K)	
D101,102	276 0432 903	Diode 1SS270A	
D103,104	276 0704 903	Diode 1SR35-400A	
D108-111	276 0704 903	Diode 1SR35-400A	
D201,202	276 0704 903	Diode 1SR35-400A	
D203	276 0432 903	Diode 1SS270A	
D204-207	276 0704 903	Diode 1SR35-400A	
D208,209	276 0432 903	Diode 1SS270A	
D507	276 0432 903	Diode 1SS270A	
D508-510	276 0681 000	Diode FMG-22S	
D511,512	276 0682 009	Diode FMG-22R	
D513,514	276 0681 000	Diode FMG-22S	
D515,516	276 0682 009	Diode FMG-22R	
D517,518	276 0704 903	Diode 1SR35-400A	
ZD101	276 0484 919	Zener diode HZS33-2	
ZD201	276 0637 902	Zener diode MTZJ6.2A	
ZD202	276 0645 907	Zener diode MTZJ18A	
RESISTORS GROUP			
R208	241 2379 987	Carbon film 1kohm 1/4W (NB)	RD14B2E102JNBS
R211,212	243 2091 009	Winding 33ohm 10W	RW78A4A330J= (UL)
R213	242 2009 001	Composition 2.2Mohm 1/2W	RC05GF2H225K (UL) for EU,EC
R214	245 2365 980	Metal film 390ohm 1/4W	RN14K2E391F
R215	245 2367 920	Metal film 1.5kohm 1/4W	RN14K2E152F
CAPACITORS GROUP			
C101	254 4524 985	Electrolytic 10uF/50V	CE04W1H100M (SMG/RE3)
C102-109	254 4524 943	Electrolytic 1uF/50V	CE04W1H010M (SMG/RE3)
C110	254 4403 721	Electrolytic 2200uF/25V	CE04W1E222M (SMG)
C111	254 4540 710	Electrolytic 470uF/63V	CE04W1J471M (SMG/RE3)
C112	254 4403 734	Electrolytic 4700uF/25V	CE04W1E472M (SMG)
C113	254 4403 721	Electrolytic 2200uF/25V	CE04W1E222M (SMG)
C114,115	256 1058 971	Metallized 0.1uF/50V	CF93A1H104J (JL)
C116,117	256 1042 903	Metallized 0.1uF/250V	CF93A2E104K
C118,119	256 1058 971	Metallized 0.1uF/50V	CF93A1H104J (JL)
C120	256 1042 903	Metallized 0.1uF/250V	CF93A2E104K
C201	254 4524 930	Electrolytic 0.47uF/50V	CE04W1HR47M (SMG/RE3)
C202	254 4524 985	Electrolytic 10uF/50V	CE04W1H100M (SMG/RE3)
C203	254 4403 734	Electrolytic 4700uF/25V	CE04W1E472M (SMG)
C204	255 1265 936	Mylar film 0.01uF/50V	CQ93M1H103J (B)
C205	254 4525 900	Electrolytic 33uF/50V	CE04W1H330M (SMG/RE3)
C206,207	254 4524 972	Electrolytic 4.7uF/50V	CE04W1H4R7M (SMG/RE3)
C208	256 1058 971	Metallized 0.1uF/50V	CF93A1H104J (JL)
⚠ C209	253 8022 707	Ceramic 0.01uF/250V (AC)	CK45F2EAC103M
C210	254 4524 927	Electrolytic 0.33uF/50V	CE04W1HR33M (SMG/RE3)
C301,302	254 4524 943	Electrolytic 1uF/50V	CE04W1H010M (SMG/RE3)
C501	254 4524 943	Electrolytic 1uF/50V	CE04W1H010M (SMG/RE3)
C503,504	254 4524 943	Electrolytic 1uF/50V	CE04W1H010M (SMG/RE3) for EU,EC
C505,506	254 4523 708	Electrolytic 3300uF/35V	CE04W1V332M (SMG/RE3)
C529-536	254 4504 714	Electrolytic 3300uF/35V	CE04W1V332M (ASF)
C537-540	254 4452 714	Electrolytic 2200uF/16V	CE04W1C222M (ASF)
C541-547	254 4612 703	Electrolytic 10000uF/20V	CE04W--103M (SMG)
C548,549	254 4524 943	Electrolytic 1uF/50V	CE04W1H010M (SMG/RE3)
C550	254 4523 708	Electrolytic 3300uF/35V	CE04W1V332M (SMG/RE3)
C551-553	256 1042 903	Metallized 0.1uF/250V	CF93A2E104K
C554,555	256 1058 971	Metallized 0.1uF/50V	CF93A1H104J (JL)
C556	254 4523 708	Electrolytic 3300uF/35V	CE04W1V332M (SMG/RE3)
C559-561	256 1058 971	Metallized 0.1uF/50V	CF93A1H104J (JL)

Ref. No.	Part No.	Part Name	Remarks	Q'ty
OTHER PARTS GROUP				
CN602-607	205 1230 063	6P pin header (6035)		6
CW040	205 0885 082	4P connector socket (TUC-P)		1
CW060	205 0942 019	6P connector socket (TUC-P)		1
CW064	205 0343 061	6P connector base (KR-PH)		1
CW068,069	205 0942 019	6P connector socket (TUC-P)		2
CW083-085	205 0885 095	8P connector socket (TUC-P)		3
CW101	205 0885 053	10P connector socket (TUC-P)		1
CW960	205 0942 019	6P connector socket (TUC-P)		1
CX021	205 1093 006	2P VH connector base	for E2,E1,E1C,EUT	1
CX025	205 0581 001	2P VH connector base	for EU,EC,E2,E1,EUT	1
CX027	205 0453 003	2P VH connector base(L)		1
CX028	205 0606 025	2P wrapping terminal		1
CX037	205 0234 031	3P EH SID connector base		1
CX040	205 0884 083	4P connector base (TUC-P)		1
CX053	205 0343 058	5P connector base (KR-PH)		1
CX060	205 0943 018	6P connector base (TUC-P)		1
CX061,062	205 0343 061	6P connector base (KR-PH)		2
CX064	205 0343 061	6P connector base (KR-PH)		1
CX067	205 0343 061	6P connector base (KR-PH)		1
CX068,069	205 0943 018	6P connector base (TUC-P)		2
CX071	205 0943 021	7P connector base (TUC-P)		1
CX073	205 0343 074	7P connector base (KR-PH)		1
CX081-085	205 0884 096	8P connector base (TUC-P)		5
CX101,102	205 0884 054	10P connector base (TUC-P)		2
CX830	205 0278 039	3P EH connector base (BK)		1
CX839	205 0276 031	3P EH connector base (BU)		1
CX930	205 0233 032	3P EH connector base		1
CX931	205 0234 031	3P EH SID connector base		1
CX936	205 0277 030	3P EH connector base (RD)		1
CX937	205 0296 037	3P EH connector base (YW)		1
CX960	205 0943 018	6P connector base (TUC-P)		1
CY027	205 0581 001	2P VH connector base		1
CY030	205 0343 032	3P connector base (KR-PH)		1
CY045	205 0321 041	4P connector base (RED)		1
CY046	205 0343 045	4P connector base (KR-PH)		1
CY053	205 0343 058	5P connector base (KR-PH)		1
CY061	205 0343 061	6P connector base (KR-PH)		1
CY075	205 0343 074	7P connector base (KR-PH)		1
CY143	205 0375 042	14P connector base (KR-PH)		1
CY930	205 0234 031	3P EH SID connector base		1
CY982	205 0343 087	8P connector base (KR-PH)		1
⚠ F1	206 1051 009	Fuse 12A	for EU,EC,EUT	1
⚠ F1	206 1036 011	Fuse 6.3A	for E2,E1,E1C	1
⚠ F8	206 1046 014	Fuse 8A	for EU,EC,EUT	1
⚠ F8	206 1015 032	Fuse 2.5A	for E2,E1	1
⚠ F11,12	206 1046 027	Fuse 5A	for EU,EC,EUT	2
⚠ F11,12	206 1015 090	Fuse 5A	for E2,E1,E1C	2

Ref. No.	Part No.	Part Name	Remarks	Q'ty
⚠ F13	206 1039 089	Fuse 3.15A	for EU,EC,EUT	1
⚠ F13	206 1015 074	Fuse 3.15A	for E2,E1,E1C	1
⚠ F14	206 1046 027	Fuse 5A	for EU,EC,EUT	1
⚠ F14	206 1015 090	Fuse 5A	for E2,E1,E1C	1
⚠ F15,16	206 1039 089	Fuse 3.15A	for EU,EC,EUT	2
⚠ F15,16	206 1015 074	Fuse 3.15A	for E2,E1,E1C	2
FF201	EP-5870	Fuse holder	for EU,EC,EUT	1
FF202	202 0040 909	Fuse clip	for E2,E1,E1C	1
FF203	202 0040 909	Fuse clip	for EU,EC,E2,E1,EUT	1
FF501-504	202 0040 909	Fuse clip		4
FF506,507	202 0040 909	Fuse clip		2
FH201	EP-5870	Fuse holder	for EU,EC,EUT	1
FH202	202 0040 909	Fuse clip	for E2,E1,E1C	1
FH203	202 0040 909	Fuse clip	for EU,EC,E2,E1,EUT	1
FH501-504	202 0040 909	Fuse clip		4
FH506,507	202 0040 909	Fuse clip		2
L101,102	235 0060 918	Inductor 4.7uH		2
RL201,202	214 0221 006	Relay (TV-8)		2
⚠ T101	233 6408 002	Sub trans (583E3)	for EU,EC,EUT	1
⚠ T101	233 6411 002	Sub trans (A1SRE1E2)	for E2,E1	1
⚠ T101	233 6414 009	Sub trans (A1SRE1C)	for E1C	1
⚠ T201	233 6410 003	Mini trans. (583E3)	for EU,EC,EUT	1
⚠ T201	233 6420 006	Mini trans. (A1SRE1E2)	for E2,E1	1
⚠ T201	233 6421 005	Mini trans. (A1SRE1C)	for E1C	1
W203,204	205 1034 023	M3 Screw terminal		2
	415 0299 000	Condenser cover (for C209)	for E2,E1,E1C	1
	513 3730 080	Fuse label (T6.3AL), for F1	for E2,E1,E1C	1
	513 3730 048	Fuse label (T2.5AL), for F8	for E2,E1	1
	513 2654 086	Fuse label (5A/125V), for F11,12	for EU,EC,EUT	2
	513 3730 077	Fuse label (T5AL), for F11,12,14	for E2,E1,E1C	3
	513 3730 051	Fuse label (T3.15AL), for F13,15,16	for E2,E1,E1C	3

1U-3296G/3296H POWER AMP P.W.B. UNIT ASS'Y

Ref. No.	Part No.	Part Name	Remarks
SEMICONDUCTORS GROUP			
TR101,102	273 0459 903	Transistor KTC2874B	
TR103-106	273 0235 923	Transistor 2SC1841 (E/F)	
TR107-110	271 0304 007	Transistor 2SA1546 (M/L)	
TR111,112	273 0453 006	Transistor 2SC4001 (M/L)	
TR113,114	273 0445 001	Transistor 2SC4495	
TR115,116	273 0235 923	Transistor 2SC1841 (E/F)	
TR123-126	275 0055 015	FET 2SK184C (GR)/(BL)	
TR201,202	273 0459 903	Transistor KTC2874B	
TR203-206	273 0235 923	Transistor 2SC1841 (E/F)	
TR207-210	271 0304 007	Transistor 2SA1546 (M/L)	
TR211,212	273 0453 006	Transistor 2SC4001 (M/L)	
TR213,214	273 0445 001	Transistor 2SC4495	
TR215,216	273 0235 923	Transistor 2SC1841 (E/F)	
TR223-226	275 0055 015	FET 2SK184C (GR)/(BL)	
TR301,302	273 0459 903	Transistor KTC2874B	
TR303-306	273 0235 923	Transistor 2SC1841 (E/F)	
TR307-310	271 0304 007	Transistor 2SA1546 (M/L)	
TR311,312	273 0453 006	Transistor 2SC4001 (M/L)	
TR313,314	273 0445 001	Transistor 2SC4495	
TR315,316	273 0235 923	Transistor 2SC1841 (E/F)	
TR323-326	275 0055 015	FET 2SK184C (GR)/(BL)	
TR402	273 0459 903	Transistor KTC2874B	
TR404	273 0235 923	Transistor 2SC1841 (E/F)	
TR406	273 0235 923	Transistor 2SC1841 (E/F)	
TR408	271 0304 007	Transistor 2SA1546 (M/L)	
TR410	271 0304 007	Transistor 2SA1546 (M/L)	
TR412	273 0453 006	Transistor 2SC4001 (M/L)	
TR414	273 0445 001	Transistor 2SC4495	
TR416	273 0235 923	Transistor 2SC1841 (E/F)	
TR424	275 0055 015	FET 2SK184C (GR)/(BL)	
TR426	275 0055 015	FET 2SK184C (GR)/(BL)	
TR503-510	273 0388 906	Transistor 2SC1740S (E)	
TR512,513	273 0388 906	Transistor 2SC1740S (E)	for EU,EC
TR514	273 0388 906	Transistor 2SC1740S (E)	
TR517,518	271 0131 924	Transistor 2SA988 (E/F)	
TR519,520	273 0388 906	Transistor 2SC1740S (E)	
D101-104	276 0432 903	Diode 1SS270A	
D105,106	276 0455 906	Zener diode HZS4A-1	
D107,108	276 0456 918	Zener diode HZS4B-2	
D109-116	276 0432 903	Diode 1SS270A	
D201-204	276 0432 903	Diode 1SS270A	
D205,206	276 0455 906	Zener diode HZS4A-1	
D207,208	276 0456 918	Zener diode HZS4B-2	
D209-216	276 0432 903	Diode 1SS270A	
D301-304	276 0432 903	Diode 1SS270A	
D305,306	276 0455 906	Zener diode HZS4A-1	
D307,308	276 0456 918	Zener diode HZS4B-2	
D309-316	276 0432 903	Diode 1SS270A	
D402	276 0432 903	Diode 1SS270A	
D404	276 0432 903	Diode 1SS270A	
D406	276 0455 906	Zener diode HZS4A-1	
D408	276 0456 918	Zener diode HZS4B-2	
D410	276 0432 903	Diode 1SS270A	
D412	276 0432 903	Diode 1SS270A	
D414	276 0432 903	Diode 1SS270A	
D416	276 0432 903	Diode 1SS270A	
D501-508	276 0432 903	Diode 1SS270A	
D510,511	276 0432 903	Diode 1SS270A	for EU,EC
D512	276 0432 903	Diode 1SS270A	
D552	276 0704 903	Diode 1SR35-400A	
ZD552	276 0643 970	Zener diode MTZJ4.7A	
PT501,502	279 0034 067	Posistor PTH9M04BB222TS2F333	
PT503,504	279 0034 070	Posistor PTH9M04BE222TS2F333	
RESISTORS GROUP			
R111,112	241 2378 962	Carbon film 330ohm 1/4W (NB)	RD14B2E331JNBS
R119,120	241 2378 962	Carbon film 330ohm 1/4W (NB)	RD14B2E331JNBS
R123,124	241 2315 983	Carbon film 330ohm 1/4W (FR)	RD14B2E331GFRS
R125,126	244 2671 914	Metal oxide 15kohm 2W (NB)	RS14B3D153JNBS (S)
R127,128	241 2371 930	Carbon film 160ohm 1/4W (FR)	RD14B2E161GFRS
R129,130	241 2315 983	Carbon film 330ohm 1/4W (FR)	RD14B2E331GFRS
R137-140	241 2387 940	Carbon film 4.7ohm 1/4W (NB)	RD14B2E4R7JNBS
R141-148	244 2671 943	Metal oxide 0.22ohm 2W (NB)	RS14B3DR22JNBS (S)
R165-168	244 2671 930	Metal oxide 22ohm 2W (NB)	RS14B3D220JNBS (S)
R171,172	241 2380 918	Carbon film 1.3kohm 1/4W (NB)	RD14B2E132JNBS
R173,174	241 2377 921	Carbon film 82ohm 1/4W (NB)	RD14B2E820JNBS
R189,190	241 2371 930	Carbon film 160ohm 1/4W (FR)	RD14B2E161GFRS
R211,212	241 2378 962	Carbon film 330ohm 1/4W (NB)	RD14B2E331JNBS
R219,220	241 2378 962	Carbon film 330ohm 1/4W (NB)	RD14B2E331JNBS
R223,224	241 2315 983	Carbon film 330ohm 1/4W (FR)	RD14B2E331GFRS
R225,226	244 2671 914	Metal oxide 15kohm 2W (NB)	RS14B3D153JNBS (S)
R227,228	241 2371 930	Carbon film 160ohm 1/4W (FR)	RD14B2E161GFRS
R229,230	241 2315 983	Carbon film 330ohm 1/4W (FR)	RD14B2E331GFRS
R237-240	241 2387 940	Carbon film 4.7ohm 1/4W (NB)	RD14B2E4R7JNBS
R241-248	244 2671 943	Metal oxide 0.22ohm 2W (NB)	RS14B3DR22JNBS (S)
R265-268	244 2671 930	Metal oxide 22ohm 2W (NB)	RS14B3D220JNBS (S)
R271,272	241 2380 918	Carbon film 1.3kohm 1/4W (NB)	RD14B2E132JNBS
R273,274	241 2377 921	Carbon film 82ohm 1/4W (NB)	RD14B2E820JNBS
R289,290	241 2371 930	Carbon film 160ohm 1/4W (FR)	RD14B2E161GFRS
R311,312	241 2378 962	Carbon film 330ohm 1/4W (NB)	RD14B2E331JNBS

Ref. No.	Part No.	Part Name	Remarks
R319,320	241 2378 962	Carbon film 330ohm 1/4W (NB)	RD14B2E331JNBS
R323,324	241 2315 983	Carbon film 330ohm 1/4W (FR)	RD14B2E331GFRS
R325,326	244 2671 914	Metal oxide 15kohm 2W (NB)	RS14B3D153JNBS (S)
R327,328	241 2371 930	Carbon film 160ohm 1/4W (FR)	RD14B2E161GFRS
R329,330	241 2315 983	Carbon film 330ohm 1/4W (FR)	RD14B2E331GFRS
R337-340	241 2387 940	Carbon film 4.7ohm 1/4W (NB)	RD14B2E4R7JNBS
R341-348	244 2671 943	Metal oxide 0.22ohm 2W (NB)	RS14B3DR22JNBS (S)
R365-368	244 2671 930	Metal oxide 22ohm 2W (NB)	RS14B3D220JNBS (S)
R371,372	241 2380 918	Carbon film 1.3kohm 1/4W (NB)	RD14B2E132JNBS
R373,374	241 2377 921	Carbon film 82ohm 1/4W (NB)	RD14B2E820JNBS
R389,390	241 2371 930	Carbon film 160ohm 1/4W (FR)	RD14B2E161GFRS
R412	241 2378 962	Carbon film 330ohm 1/4W (NB)	RD14B2E331JNBS
R420	241 2378 962	Carbon film 330ohm 1/4W (NB)	RD14B2E331JNBS
R424	241 2315 983	Carbon film 330ohm 1/4W (FR)	RD14B2E331GFRS
R426	244 2671 914	Metal oxide 15kohm 2W (NB)	RS14B3D153JNBS (S)
R428	241 2371 930	Carbon film 160ohm 1/4W (FR)	RD14B2E161GFRS
R430	241 2315 983	Carbon film 330ohm 1/4W (FR)	RD14B2E331GFRS
R438	241 2387 940	Carbon film 4.7ohm 1/4W (NB)	RD14B2E4R7JNBS
R440	241 2387 940	Carbon film 4.7ohm 1/4W (NB)	RD14B2E4R7JNBS
R442	244 2671 943	Metal oxide 0.22ohm 2W (NB)	RS14B3DR22JNBS (S)
R444	244 2671 943	Metal oxide 0.22ohm 2W (NB)	RS14B3DR22JNBS (S)
R446	244 2671 943	Metal oxide 0.22ohm 2W (NB)	RS14B3DR22JNBS (S)
R448	244 2671 943	Metal oxide 0.22ohm 2W (NB)	RS14B3DR22JNBS (S)
R466	244 2671 930	Metal oxide 22ohm 2W (NB)	RS14B3D220JNBS (S)
R468	244 2671 930	Metal oxide 22ohm 2W (NB)	RS14B3D220JNBS (S)
R472	241 2380 918	Carbon film 1.3kohm 1/4W (NB)	RD14B2E132JNBS
R474	241 2377 921	Carbon film 82ohm 1/4W (NB)	RD14B2E820JNBS
R490	241 2371 930	Carbon film 160ohm 1/4W (FR)	RD14B2E161GFRS
R552	244 2051 974	Metal oxide 1kohm 1W (NB)	RS14B3A102JNBS (S)
R554	244 2051 974	Metal oxide 1kohm 1W (NB)	RS14B3A102JNBS (S)
R556	244 2051 974	Metal oxide 1kohm 1W (NB)	RS14B3A102JNBS (S)
R558	244 2051 974	Metal oxide 1kohm 1W (NB)	RS14B3A102JNBS (S)
VR131,132	211 6129 909	Semi fixed resistor 4.7kohm	K06QB472
VR231,232	211 6129 909	Semi fixed resistor 4.7kohm	K06QB472
VR331,332	211 6129 909	Semi fixed resistor 4.7kohm	K06QB472
VR432	211 6129 909	Semi fixed resistor 4.7kohm	K06QB472
CAPACITORS GROUP			
C103,104	255 1273 902	Mylar film 100pF/50V	CQ93M1H101K (B)
C107,108	255 1264 940	Mylar film 2200pF/50V	CQ93M1H222J (B)
C109,110	255 4242 969	Polypropylene film 27pF/100V	CQ93P2A270J (NH)
C111,112	254 4313 976	Electrolytic 2.2uF/50V	CE04W1H2R2M (ASF)
C113,114	253 4484 909	Ceramic 39pF/500V	CC45SL2H390J
C115,116	254 4527 995	Electrolytic 22uF/100V	CE04W2A220M (SMG/RE3)
C119,120	255 1265 936	Mylar film 0.01uF/50V	CQ93M1H103J (B)
C123,124	255 4235 976	Polypropylene film 0.015uF/100V	CQ93P2A153J (NH)

Ref. No.	Part No.	Part Name	Remarks
C125-128	254 4527 995	Electrolytic 22uF/100V	CE04W2A220M (SMG/RE3)
C129-131	254 4313 976	Electrolytic 2.2uF/50V	CE04W1H2R2M (ASF)
C133-136	254 4313 976	Electrolytic 2.2uF/50V	CE04W1H2R2M (ASF)
C139,140	255 4235 976	Polypropylene film 0.015uF/100V	CQ93P2A153J (NH)
C203,204	255 1273 902	Mylar film 100pF/50V	CQ93M1H101K (B)
C207,208	255 1264 940	Mylar film 2200pF/50V	CQ93M1H222J (B)
C209,210	255 4242 969	Polypropylene film 27pF/100V	CQ93P2A270J (NH)
C211,212	254 4313 976	Electrolytic 2.2uF/50V	CE04W1H2R2M (ASF)
C213,214	253 4484 909	Ceramic 39pF/500V	CC45SL2H390J
C215,216	254 4527 995	Electrolytic 22uF/100V	CE04W2A220M (SMG/RE3)
C218,219	255 1265 936	Mylar film 0.01uF/50V	CQ93M1H103J (B)
C222,223	255 4235 976	Polypropylene film 0.015uF/100V	CQ93P2A153J (NH)
C225-228	254 4527 995	Electrolytic 22uF/100V	CE04W2A220M (SMG/RE3)
C239,240	255 4235 976	Polypropylene film 0.015uF/100V	CQ93P2A153J (NH)
C303,304	255 1273 902	Mylar film 100pF/50V	CQ93M1H101K (B)
C307,308	255 1264 940	Mylar film 2200pF/50V	CQ93M1H222J (B)
C309,310	255 4242 969	Polypropylene film 27pF/100V	CQ93P2A270J (NH)
C311,312	254 4313 976	Electrolytic 2.2uF/50V	CE04W1H2R2M (ASF)
C313,314	253 4484 909	Ceramic 39pF/500V	CC45SL2H390J
C315,316	254 4527 995	Electrolytic 22uF/100V	CE04W2A220M (SMG/RE3)
C319,320	255 1265 936	Mylar film 0.01uF/50V	CQ93M1H103J (B)
C323,324	255 4235 976	Polypropylene film 0.015uF/100V	CQ93P2A153J (NH)
C325-328	254 4527 995	Electrolytic 22uF/100V	CE04W2A220M (SMG/RE3)
C339,340	255 4235 976	Polypropylene film 0.015uF/100V	CQ93P2A153J (NH)
C404	255 1273 902	Mylar film 100pF/50V	CQ93M1H101K (B)
C408	255 1264 940	Mylar film 2200pF/50V	CQ93M1H222J (B)
C410	255 4242 969	Polypropylene film 27pF/100V	CQ93P2A270J (NH)
C412	254 4313 976	Electrolytic 2.2uF/50V	CE04W1H2R2M (ASF)
C414	253 4484 909	Ceramic 39pF/500V	CC45SL2H390J
C416	254 4527 995	Electrolytic 22uF/100V	CE04W2A220M (SMG/RE3)
C420	255 1265 936	Mylar film 0.01uF/50V	CQ93M1H103J (B)
C424	255 4235 976	Polypropylene film 0.015uF/100V	CQ93P2A153J (NH)
C426	254 4527 995	Electrolytic 22uF/100V	CE04W2A220M (SMG/RE3)
C428	254 4527 995	Electrolytic 22uF/100V	CE04W2A220M (SMG/RE3)
C440	255 4235 976	Polypropylene film 0.015uF/100V	CQ93P2A153J (NH)
C505-512	254 4524 985	Electrolytic 10uF/50V	CE04W1H100M (SMG/RE3)
C514,515	254 4524 985	Electrolytic 10uF/50V	CE04W1H100M (SMG/RE3) for EU,EC
C516	254 4524 985	Electrolytic 10uF/50V	CE04W1H100M (SMG/RE3)
C519,520	255 1265 936	Mylar film 0.01uF/50V	CQ93M1H103J (B)
C521,522	254 4533 947	Electrolytic 330uF/6.3V	CE04W0J331M (SMG/RE3)
C552	254 4524 985	Electrolytic 10uF/50V	CE04W1H100M (SMG/RE3)
C553-556	254 4524 943	Electrolytic 1uF/50V	CE04W1H010M (SMG/RE3)

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Ref. No.	Part No.	Part Name	Remarks	Q'ty
OTHER PARTS GROUP				
CN101-104	205 1230 063	6P pin header (6035)		4
CN201-204	205 1230 063	6P pin header (6035)		4
CN301-304	205 1230 063	6P pin header (6035)		4
CN402	205 1230 063	6P pin header (6035)		1
CN404	205 1230 063	6P pin header (6035)		1
CW031-033	203 5225 007	3P SAN-SAN connector cord		3
CW035-037	203 5225 007	3P SAN-SAN connector cord		3
CW039	203 5225 007	3P SAN-SAN connector cord		1
CX076-079	205 0943 021	7P connector base (TUC-P)		4
CX086,087	205 0884 096	8P connector base (TUC-P)		2
CX089	205 0884 096	8P connector base (TUC-P)		1
CX097	205 0884 038	9P connector base (TUC-P)		1
CX113,114	205 0884 067	11P connector base (TUC-P)		2
CX976-979	205 0943 021	7P connector base (TUC-P)		4
CX986,987	205 0884 096	8P connector base (TUC-P)		2
L101,102	235 0068 004	Inductor 1uH		2
L201,202	235 0068 004	Inductor 1uH		2
L301,302	235 0068 004	Inductor 1uH		2
L402	235 0068 004	Inductor 1uH		1
RL501-508	214 0209 002	Relay (FTR-F1AD024V)		8
RL510	214 0209 002	Relay (FTR-F1AD024V)		1
RL511,512	214 0209 002	Relay (FTR-F1AD024V)	for EU,EC	2
W701-714	205 0864 003	M3 Screw terminal		14
W716-718	205 0864 003	M3 Screw terminal		3
W721-723	205 0864 003	M3 Screw terminal		3
W725-728	205 0864 003	M3 Screw terminal		4
W731-736	205 0864 003	M3 Screw terminal		6
	009 0185 100	Bus bar (3P)		6
	415 0309 026	P.V.C. tube (L=20)		8
	449 0080 076	Edging (CE-012S)		2

Ref. No.	Part No.	Part Name	Remarks
SEMICONDUCTORS GROUP			
IC101	263 0896 909	IC NJM2068MD	
IC102	263 1098 900	IC LM833MX	for E2,E1,E1C,EUT
IC103	263 0896 909	IC NJM2068MD	
IC110	262 2726 003	IC TC9273N-***B	
IC111-114	263 0896 909	IC NJM2068MD	
IC201-208	263 0896 909	IC NJM2068MD	
IC301,302	263 0898 907	IC NJM5532MD	
IC303,304	262 3107 906	IC TC94A17F	
IC305,306	263 0898 907	IC NJM5532MD	
IC307	263 1074 908	IC OP275GSR	
IC309,310	263 0898 907	IC NJM5532MD	
IC311,312	262 3107 906	IC TC94A17F	
IC313,314	263 0898 907	IC NJM5532MD	
IC315	263 1074 908	IC OP275GSR	
IC317,318	263 0898 907	IC NJM5532MD	
IC319,320	262 3107 906	IC TC94A17F	
IC321,322	263 0898 907	IC NJM5532MD	
IC323	263 1074 908	IC OP275GSR	
IC325,326	263 0898 907	IC NJM5532MD	
IC327,328	262 3107 906	IC TC94A17F	
IC329,330	263 0898 907	IC NJM5532MD	
IC331	263 1074 908	IC OP275GSR	
IC601-604	263 0896 909	IC NJM2068MD	
IC606-608	263 0615 902	IC BA15218F	
IC609-612	263 1040 903	IC BU4094BCF	
IC613-617	262 2616 003	IC TC9184AP	
IC618	263 1040 903	IC BU4094BCF	
IC620	263 0615 902	IC BA15218F	
IC622	263 0615 902	IC BA15218F	
IC623	263 1040 903	IC BU4094BCF	
IC624	262 1636 903	IC TC74HC32AF	
IC801	263 0995 004	IC NJM4556AD	
IC802-805	263 1098 900	IC LM833MX	
IC941	262 2662 002	IC TC9459N	
IC942	263 0896 909	IC NJM2068MD	
IC951	262 2662 002	IC TC9459N	
IC952	263 0896 909	IC NJM2068MD	
IC961	262 2662 002	IC TC9459N	
IC962	263 0896 909	IC NJM2068MD	
IC971	262 2662 002	IC TC9459N	
IC972	263 0896 909	IC NJM2068MD	
TR101-111	269 0048 904	Transistor DTC143EK	
TR601-603	269 0048 904	Transistor DTC143EK	
TR604	271 0131 924	Transistor 2SA988 (E/F)	

Ref. No.	Part No.	Part Name	Remarks
TR605	273 0445 001	Transistor 2SC4495	
TR606,607	271 0131 924	Transistor 2SA988 (E/F)	
TR608,609	273 0187 916	Transistor 2SC2240 (BL)	
TR610	271 0131 924	Transistor 2SA988 (E/F)	
TR611,612	269 0054 901	Transistor DTC144EK	
TR613-622	269 0083 901	Transistor DTA114EK	
TR623-625	269 0054 901	Transistor DTC144EK	
TR801	269 0048 904	Transistor DTC143EK	
TR803-818	273 0460 905	Transistor KTC2875B	
D101-111	276 0559 909	Diode DAP202K	
D601	276 0740 909	Diode KDS184	
D602	276 0738 908	Diode KDS226	
D603	276 0740 909	Diode KDS184	
D604-609	276 0738 908	Diode KDS226	
D610	276 0559 909	Diode DAP202K	
D611	276 0704 903	Diode 1SR35-400A	
D612-614	276 0738 908	Diode KDS226	
D615	276 0740 909	Diode KDS184	
D631,632	276 0738 908	Diode KDS226	
D647	276 0751 901	Diode 1SR154-400	
D801	276 0740 909	Diode KDS184	
RESISTORS GROUP			
R101,102	247 2006 944	Carbon chip 390ohm 1/16W	RM73B--391J
R103,104	247 2011 984	Carbon chip 68kohm 1/16W	RM73B--683J
R105,106	247 2012 967	Carbon chip 150kohm 1/16W	RM73B--154J
R107,108	247 2004 920	Carbon chip 47ohm 1/16W	RM73B--470J
R109,110	247 2005 990	Carbon chip 240ohm 1/16W	RM73B--241J
R111,112	247 2012 954	Carbon chip 130kohm 1/16W	RM73B--134J
R113,114	247 2009 996	Carbon chip 11kohm 1/16W	RM73B--113J
R115,116	247 2003 947	Carbon chip 22ohm 1/16W	RM73B--220J
R117,118	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R119,120	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R123-126	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J for E2,E1,E1C,EUT
R127,128	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J for E2,E1,E1C,EUT
R129,130	247 2004 920	Carbon chip 47ohm 1/16W	RM73B--470J for E2,E1,E1C,EUT
R131,132	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J for E2,E1,E1C,EUT
R133,134	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R135,136	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R137,138	247 2010 998	Carbon chip 30kohm 1/16W	RM73B--303J
R139,140	247 2010 927	Carbon chip 15kohm 1/16W	RM73B--153J
R161-163	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R165,166	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R171	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K

Ref. No.	Part No.	Part Name	Remarks
R201-204	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R205,206	247 2006 960	Carbon chip 470ohm 1/16W	RM73B--471J
R207,208	247 2004 920	Carbon chip 47ohm 1/16W	RM73B--470J
R209,210	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R211-214	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R215,216	247 2006 960	Carbon chip 470ohm 1/16W	RM73B--471J
R217,218	247 2004 920	Carbon chip 47ohm 1/16W	RM73B--470J
R219,220	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R221-224	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R225,226	247 2006 960	Carbon chip 470ohm 1/16W	RM73B--471J
R227,228	247 2004 920	Carbon chip 47ohm 1/16W	RM73B--470J
R229,230	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R231-234	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R235,236	247 2006 960	Carbon chip 470ohm 1/16W	RM73B--471J
R237,238	247 2004 920	Carbon chip 47ohm 1/16W	RM73B--470J
R239,240	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R241-244	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R245,246	247 2006 960	Carbon chip 470ohm 1/16W	RM73B--471J
R247,248	247 2004 920	Carbon chip 47ohm 1/16W	RM73B--470J
R249,250	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R251-254	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R255,256	247 2006 960	Carbon chip 470ohm 1/16W	RM73B--471J
R257,258	247 2004 920	Carbon chip 47ohm 1/16W	RM73B--470J
R259,260	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R261-264	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R265,266	247 2006 960	Carbon chip 470ohm 1/16W	RM73B--471J
R267,268	247 2004 920	Carbon chip 47ohm 1/16W	RM73B--470J
R269,270	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R271-274	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R275,276	247 2006 960	Carbon chip 470ohm 1/16W	RM73B--471J
R277,278	247 2004 920	Carbon chip 47ohm 1/16W	RM73B--470J
R279,280	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R281,282	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R293-299	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R301,302	247 2012 996	Carbon chip 200kohm 1/16W	RM73B--204J
R307,308	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R309,310	247 2004 920	Carbon chip 47ohm 1/16W	RM73B--470J
R313,314	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R315,316	247 2008 926	Carbon chip 2.2kohm 1/16W	RM73B--222J
R317,318	247 2004 920	Carbon chip 47ohm 1/16W	RM73B--470J
R319-326	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R327-332	247 2013 982	Carbon chip 470kohm 1/16W	RM73B--474J
R333,334	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R337,338	247 2013 982	Carbon chip 470kohm 1/16W	RM73B--474J
R339-342	247 2008 997	Carbon chip 4.3kohm 1/16W	RM73B--432J
R343-346	247 2008 926	Carbon chip 2.2kohm 1/16W	RM73B--222J
R347,348	247 2013 982	Carbon chip 470kohm 1/16W	RM73B--474J
R349,350	247 2012 996	Carbon chip 200kohm 1/16W	RM73B--204J
R355	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R356	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
R357,358	247 2004 920	Carbon chip 47ohm 1/16W	RM73B--470J

Ref. No.	Part No.	Part Name	Remarks
R361	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R363	247 2008 926	Carbon chip 2.2kohm 1/16W	RM73B--222J
R364	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R365,366	247 2004 920	Carbon chip 47ohm 1/16W	RM73B--470J
R367-374	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R375-380	247 2013 982	Carbon chip 470kohm 1/16W	RM73B--474J
R381	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R382	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
R385,386	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R387	247 2008 997	Carbon chip 4.3kohm 1/16W	RM73B--432J
R388	247 2007 956	Carbon chip 1.1kohm 1/16W	RM73B--112J
R389	247 2008 997	Carbon chip 4.3kohm 1/16W	RM73B--432J
R390	247 2007 956	Carbon chip 1.1kohm 1/16W	RM73B--112J
R391	247 2008 926	Carbon chip 2.2kohm 1/16W	RM73B--222J
R392	247 2007 998	Carbon chip 1.6kohm 1/16W	RM73B--162J
R393	247 2008 926	Carbon chip 2.2kohm 1/16W	RM73B--222J
R394	247 2007 998	Carbon chip 1.6kohm 1/16W	RM73B--162J
R397	247 2012 996	Carbon chip 200kohm 1/16W	RM73B--204J
R400-402	247 2012 996	Carbon chip 200kohm 1/16W	RM73B--204J
R407,408	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R409,410	247 2004 920	Carbon chip 47ohm 1/16W	RM73B--470J
R413,414	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R415,416	247 2008 926	Carbon chip 2.2kohm 1/16W	RM73B--222J
R417,418	247 2004 920	Carbon chip 47ohm 1/16W	RM73B--470J
R419-426	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R431,432	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R434	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R435,436	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R437	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R442-445	247 2008 997	Carbon chip 4.3kohm 1/16W	RM73B--432J
R446-449	247 2008 926	Carbon chip 2.2kohm 1/16W	RM73B--222J
R451	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R453	247 2004 920	Carbon chip 47ohm 1/16W	RM73B--470J
R456,457	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R458	247 2004 920	Carbon chip 47ohm 1/16W	RM73B--470J
R459	247 2008 926	Carbon chip 2.2kohm 1/16W	RM73B--222J
R461	247 2004 920	Carbon chip 47ohm 1/16W	RM73B--470J
R462	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R463	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R464	247 2008 926	Carbon chip 2.2kohm 1/16W	RM73B--222J
R465	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R466	247 2004 920	Carbon chip 47ohm 1/16W	RM73B--470J
R467-470	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R472	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R474	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R477	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R482	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R483	247 2008 997	Carbon chip 4.3kohm 1/16W	RM73B--432J
R485	247 2008 997	Carbon chip 4.3kohm 1/16W	RM73B--432J
R487	247 2008 926	Carbon chip 2.2kohm 1/16W	RM73B--222J
R488	247 2008 997	Carbon chip 4.3kohm 1/16W	RM73B--432J

Ref. No.	Part No.	Part Name	Remarks
R489	247 2008 926	Carbon chip 2.2kohm 1/16W	RM73B--222J
R490	247 2008 997	Carbon chip 4.3kohm 1/16W	RM73B--432J
R492	247 2008 926	Carbon chip 2.2kohm 1/16W	RM73B--222J
R494	247 2008 926	Carbon chip 2.2kohm 1/16W	RM73B--222J
R495-498	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R549-556	247 2012 996	Carbon chip 200kohm 1/16W	RM73B--204J
R601,602	247 2008 968	Carbon chip 3.3kohm 1/16W	RM73B--332J
R603,604	247 2006 986	Carbon chip 560ohm 1/16W	RM73B--561J
R605-608	247 2013 982	Carbon chip 470kohm 1/16W	RM73B--474J
R609,610	247 2012 909	Carbon chip 82kohm 1/16W	RM73B--823J
R611,612	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R613,614	247 2011 926	Carbon chip 39kohm 1/16W	RM73B--393J
R615,616	247 2014 907	Carbon chip 560kohm 1/16W	RM73B--564J
R617,618	247 2009 925	Carbon chip 5.6kohm 1/16W	RM73B--562J
R619,620	247 2010 985	Carbon chip 27kohm 1/16W	RM73B--273J
R621,622	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
R623,624	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R625,626	247 2008 968	Carbon chip 3.3kohm 1/16W	RM73B--332J
R627,628	247 2006 986	Carbon chip 560ohm 1/16W	RM73B--561J
R629-632	247 2013 982	Carbon chip 470kohm 1/16W	RM73B--474J
R633,634	247 2012 909	Carbon chip 82kohm 1/16W	RM73B--823J
R635,636	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R637,638	247 2011 926	Carbon chip 39kohm 1/16W	RM73B--393J
R639,640	247 2014 907	Carbon chip 560kohm 1/16W	RM73B--564J
R641,642	247 2009 925	Carbon chip 5.6kohm 1/16W	RM73B--562J
R643,644	247 2010 985	Carbon chip 27kohm 1/16W	RM73B--273J
R645,646	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
R647,648	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R649,650	247 2008 968	Carbon chip 3.3kohm 1/16W	RM73B--332J
R651,652	247 2006 986	Carbon chip 560ohm 1/16W	RM73B--561J
R653-656	247 2013 982	Carbon chip 470kohm 1/16W	RM73B--474J
R657,658	247 2012 909	Carbon chip 82kohm 1/16W	RM73B--823J
R659,660	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R661,662	247 2011 926	Carbon chip 39kohm 1/16W	RM73B--393J
R663,664	247 2014 907	Carbon chip 560kohm 1/16W	RM73B--564J
R665,666	247 2009 925	Carbon chip 5.6kohm 1/16W	RM73B--562J
R667,668	247 2010 985	Carbon chip 27kohm 1/16W	RM73B--273J
R669,670	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
R671,672	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R673,674	247 2008 968	Carbon chip 3.3kohm 1/16W	RM73B--332J
R675,676	247 2006 986	Carbon chip 560ohm 1/16W	RM73B--561J
R677-680	247 2013 982	Carbon chip 470kohm 1/16W	RM73B--474J
R681,682	247 2012 909	Carbon chip 82kohm 1/16W	RM73B--823J
R683,684	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R685,686	247 2011 926	Carbon chip 39kohm 1/16W	RM73B--393J
R687,688	247 2014 907	Carbon chip 560kohm 1/16W	RM73B--564J
R689,690	247 2009 925	Carbon chip 5.6kohm 1/16W	RM73B--562J
R691,692	247 2010 985	Carbon chip 27kohm 1/16W	RM73B--273J
R693,694	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
R695,696	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J

Ref. No.	Part No.	Part Name	Remarks
R697-701	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R702,703	247 2008 926	Carbon chip 2.2kohm 1/16W	RM73B--222J
R704	247 2008 968	Carbon chip 3.3kohm 1/16W	RM73B--332J
R705	247 2008 926	Carbon chip 2.2kohm 1/16W	RM73B--222J
R706	247 2014 907	Carbon chip 560kohm 1/16W	RM73B--564J
R707	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R708	247 2007 972	Carbon chip 1.3kohm 1/16W	RM73B--132J
R709	247 2010 969	Carbon chip 22kohm 1/16W	RM73B--223J
R710	247 2008 971	Carbon chip 3.6kohm 1/16W	RM73B--362J
R711	247 2014 907	Carbon chip 560kohm 1/16W	RM73B--564J
R712,713	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R714	247 2005 987	Carbon chip 220ohm 1/16W	RM73B--221J
R715-718	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R719	247 2006 915	Carbon chip 270ohm 1/16W	RM73B--271J
R720	247 2011 926	Carbon chip 39kohm 1/16W	RM73B--393J
R721	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R722	247 2013 924	Carbon chip 270kohm 1/16W	RM73B--274J
R723	247 2011 997	Carbon chip 75kohm 1/16W	RM73B--753J
R724	247 2013 908	Carbon chip 220kohm 1/16W	RM73B--224J
R725-727	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R728	247 2011 926	Carbon chip 39kohm 1/16W	RM73B--393J
R729,730	247 2011 997	Carbon chip 75kohm 1/16W	RM73B--753J
R731,732	247 2013 924	Carbon chip 270kohm 1/16W	RM73B--274J
R733,734	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R735,736	247 2011 926	Carbon chip 39kohm 1/16W	RM73B--393J
R737,738	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R740-768	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R769	247 2005 987	Carbon chip 220ohm 1/16W	RM73B--221J
R770	247 2013 908	Carbon chip 220kohm 1/16W	RM73B--224J
R771	247 2005 987	Carbon chip 220ohm 1/16W	RM73B--221J
R772	247 2013 908	Carbon chip 220kohm 1/16W	RM73B--224J
R773	247 2005 987	Carbon chip 220ohm 1/16W	RM73B--221J
R774	247 2013 908	Carbon chip 220kohm 1/16W	RM73B--224J
R775	247 2005 987	Carbon chip 220ohm 1/16W	RM73B--221J
R776	247 2013 908	Carbon chip 220kohm 1/16W	RM73B--224J
R777	247 2005 987	Carbon chip 220ohm 1/16W	RM73B--221J
R778	247 2013 908	Carbon chip 220kohm 1/16W	RM73B--224J
R779	247 2005 987	Carbon chip 220ohm 1/16W	RM73B--221J
R780	247 2013 908	Carbon chip 220kohm 1/16W	RM73B--224J
R781,782	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R783-790	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R791	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R792	247 2013 924	Carbon chip 270kohm 1/16W	RM73B--274J
R793	247 2011 997	Carbon chip 75kohm 1/16W	RM73B--753J
R794	247 2005 987	Carbon chip 220ohm 1/16W	RM73B--221J
R795	247 2013 908	Carbon chip 220kohm 1/16W	RM73B--224J
R796	247 2005 987	Carbon chip 220ohm 1/16W	RM73B--221J
R797	247 2013 908	Carbon chip 220kohm 1/16W	RM73B--224J
R798	247 2005 987	Carbon chip 220ohm 1/16W	RM73B--221J
R799	247 2013 908	Carbon chip 220kohm 1/16W	RM73B--224J

Ref. No.	Part No.	Part Name	Remarks
R800	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R801,802	247 2012 996	Carbon chip 200kohm 1/16W	RM73B--204J
R803,804	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
R805,806	247 2009 925	Carbon chip 5.6kohm 1/16W	RM73B--562J
R807,808	244 2051 961	Metal oxide 100ohm 1W (NB)	RS14B3A101JNBS (S)
R809,810	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R811	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R813,814	247 2012 996	Carbon chip 200kohm 1/16W	RM73B--204J
R815,816	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R817,818	247 2005 987	Carbon chip 220ohm 1/16W	RM73B--221J
R819,820	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R821,822	247 2005 987	Carbon chip 220ohm 1/16W	RM73B--221J
R823,824	247 2010 969	Carbon chip 22kohm 1/16W	RM73B--223J
R825,826	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R827,828	247 2002 964	Carbon chip 10ohm 1/16W	RM73B--100J
R829,830	247 2012 996	Carbon chip 200kohm 1/16W	RM73B--204J
R831,832	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R833,834	247 2005 987	Carbon chip 220ohm 1/16W	RM73B--221J
R835,836	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R837,838	247 2005 987	Carbon chip 220ohm 1/16W	RM73B--221J
R839,840	247 2010 969	Carbon chip 22kohm 1/16W	RM73B--223J
R841,842	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R843,844	247 2002 964	Carbon chip 10ohm 1/16W	RM73B--100J
R845,846	247 2012 996	Carbon chip 200kohm 1/16W	RM73B--204J
R847,848	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R849,850	247 2005 987	Carbon chip 220ohm 1/16W	RM73B--221J
R851,852	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R853,854	247 2005 987	Carbon chip 220ohm 1/16W	RM73B--221J
R855,856	247 2010 969	Carbon chip 22kohm 1/16W	RM73B--223J
R857,858	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R859,860	247 2002 964	Carbon chip 10ohm 1/16W	RM73B--100J
R861,862	247 2012 996	Carbon chip 200kohm 1/16W	RM73B--204J
R863,864	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R865,866	247 2005 987	Carbon chip 220ohm 1/16W	RM73B--221J
R867,868	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R869,870	247 2005 987	Carbon chip 220ohm 1/16W	RM73B--221J
R871,872	247 2010 969	Carbon chip 22kohm 1/16W	RM73B--223J
R873,874	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R875,876	247 2002 964	Carbon chip 10ohm 1/16W	RM73B--100J
R878	247 2011 926	Carbon chip 39kohm 1/16W	RM73B--393J
R879	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R880	247 2013 924	Carbon chip 270kohm 1/16W	RM73B--274J
R881	247 2011 997	Carbon chip 75kohm 1/16W	RM73B--753J
R882	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R883,884	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R885-892	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R893-905	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R908-910	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R913-920	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R921-930	247 2012 996	Carbon chip 200kohm 1/16W	RM73B--204J
R941-944	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J

Ref. No.	Part No.	Part Name	Remarks
R945,946	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R947,948	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R951-954	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R955,956	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R957,958	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R961-964	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R965,966	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R967,968	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R971-974	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R975,976	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R977,978	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R981-988	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R997-999	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
RR101,102	247 2010 930	Carbon chip 16kohm 1/16W	RM73B--163J
RR103	247 2010 969	Carbon chip 22kohm 1/16W	RM73B--223J
RR105,106	247 2009 954	Carbon chip 7.5kohm 1/16W	RM73B--752J
RR107,108	247 2010 930	Carbon chip 16kohm 1/16W	RM73B--163J
RR109,110	247 2009 954	Carbon chip 7.5kohm 1/16W	RM73B--752J
RR111	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
RR113	247 2010 969	Carbon chip 22kohm 1/16W	RM73B--223J
RR115	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
RR121,122	247 2010 930	Carbon chip 16kohm 1/16W	RM73B--163J
RR123-126	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
RR127,128	247 2004 920	Carbon chip 47ohm 1/16W	RM73B--470J
RR129,130	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
RR141,142	247 2010 930	Carbon chip 16kohm 1/16W	RM73B--163J
RR143-146	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
RR147,148	247 2004 920	Carbon chip 47ohm 1/16W	RM73B--470J
RR149,150	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
RR154	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR157	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR162-170	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
CAPACITORS GROUP			
C101,102	257 0507 934	Ceramic chip 220pF/50V	CC73CH1H221J
C103	254 4524 943	Electrolytic 1uF/50V	CE04W1H010M (SMG/RE3)
C105,106	254 4524 985	Electrolytic 10uF/50V	CE04W1H100M (SMG/RE3)
C107,108	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101J
C109,110	254 4536 931	Electrolytic 220uF/10V	CE04W1A221M (SMG/RE3)
C111,112	255 4199 999	Mylar film 0.024uF/50V	CQ92M1H243J (MRZ)
C113,114	255 1265 907	Mylar film 6800pF/50V	CQ93M1H682J (B)
C115,116	254 4524 985	Electrolytic 10uF/50V	CE04W1H100M (SMG/RE3)
C117,118	254 4313 963	Electrolytic 1uF/50V	CE04W1H010M (ASF)
C119,120	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101J for E2,E1,E1C,EUT
C121,122	254 4524 985	Electrolytic 10uF/50V	CE04W1H100M (SMG/RE3) for E2,E1,E1C,EUT
C123,124	257 0511 917	Ceramic chip 0.022uF/50V	CK73F1H223Z for E2,E1,E1C,EUT
C127,128	254 4524 985	Electrolytic 10uF/50V	CE04W1H100M (SMG/RE3) for E2,E1,E1C,EUT

Ref. No.	Part No.	Part Name	Remarks
C133,134	254 4313 918	Electrolytic 10uF/50V	CE04W1H100M (ASF)
C135-138	257 3013 933	Metallized chip 0.1uF/50V	CF73=1H104J (ECHUC9)
C155,156	257 3012 921	Metallized chip 0.01uF/50V	CF73=1H103J (ECHUB5)
C201,202	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101J for E2,E1,E1C,EUT
C203,204	254 4313 918	Electrolytic 10uF/50V	CE04W1H100M (ASF)
C209,210	254 4492 907	Electrolytic 47uF/25V	CE04W1E470M (ASF)
C211,212	254 4313 963	Electrolytic 1uF/50V	CE04W1H010M (ASF)
C213,214	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101J for E2,E1,E1C,EUT
C215,216	254 4313 918	Electrolytic 10uF/50V	CE04W1H100M (ASF)
C221,222	254 4492 907	Electrolytic 47uF/25V	CE04W1E470M (ASF)
C225,226	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101J for E2,E1,E1C,EUT
C227,228	254 4313 918	Electrolytic 10uF/50V	CE04W1H100M (ASF)
C233,234	254 4492 907	Electrolytic 47uF/25V	CE04W1E470M (ASF)
C237,238	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101J for E2,E1,E1C,EUT
C239,240	254 4313 918	Electrolytic 10uF/50V	CE04W1H100M (ASF)
C245,246	254 4492 907	Electrolytic 47uF/25V	CE04W1E470M (ASF)
C249,250	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101J for E2,E1,E1C,EUT
C251,252	254 4313 918	Electrolytic 10uF/50V	CE04W1H100M (ASF)
C257,258	254 4492 907	Electrolytic 47uF/25V	CE04W1E470M (ASF)
C261,262	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101J for E2,E1,E1C,EUT
C263,264	254 4313 918	Electrolytic 10uF/50V	CE04W1H100M (ASF)
C269,270	254 4492 907	Electrolytic 47uF/25V	CE04W1E470M (ASF)
C273,274	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101J for E2,E1,E1C,EUT
C275,276	254 4313 918	Electrolytic 10uF/50V	CE04W1H100M (ASF)
C281,282	254 4492 907	Electrolytic 47uF/25V	CE04W1E470M (ASF)
C285,286	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101J for E2,E1,E1C,EUT
C287,288	254 4313 918	Electrolytic 10uF/50V	CE04W1H100M (ASF)
C293,294	254 4492 907	Electrolytic 47uF/25V	CE04W1E470M (ASF)
C295,296	254 4313 963	Electrolytic 1uF/50V	CE04W1H010M (ASF)
C297	254 4524 943	Electrolytic 1uF/50V	CE04W1H010M (SMG/RE3)
C301,302	254 4313 918	Electrolytic 10uF/50V	CE04W1H100M (ASF)
C307-309	257 0511 917	Ceramic chip 0.022uF/50V	CK73F1H223Z for E2,E1,E1C,EUT
C311-314	254 4313 918	Electrolytic 10uF/50V	CE04W1H100M (ASF)
C317-320	254 4313 918	Electrolytic 10uF/50V	CE04W1H100M (ASF)
C321-324	255 1273 944	Mylar film 220pF/50V	CQ93M1H221J (B)
C325,326	254 4313 934	Electrolytic 47uF/50V	CE04W1H470M (ASF)
C327,328	254 4313 918	Electrolytic 10uF/50V	CE04W1H100M (ASF)
C329,330	254 4313 934	Electrolytic 47uF/50V	CE04W1H470M (ASF)
C332	257 3010 907	Metallized chip 100pF/50V	CF73=1H101J (ECHUB5)
C335,336	254 4313 918	Electrolytic 10uF/50V	CE04W1H100M (ASF)
C337,338	254 4313 934	Electrolytic 47uF/50V	CE04W1H470M (ASF)

Ref. No.	Part No.	Part Name	Remarks
C339-342	254 4313 918	Electrolytic 10uF/50V	CE04W1H100M (ASF)
C345-348	254 4313 918	Electrolytic 10uF/50V	CE04W1H100M (ASF)
C349	255 1273 944	Mylar film 220pF/50V	CQ93M1H221J (B)
C350	255 1273 944	Mylar film 220pF/50V	CQ93M1H221K (B)
C351	255 1273 944	Mylar film 220pF/50V	CQ93M1H221J (B)
C352	255 1273 944	Mylar film 220pF/50V	CQ93M1H221K (B)
C353,354	254 4313 934	Electrolytic 47uF/50V	CE04W1H470M (ASF)
C355,356	254 4313 918	Electrolytic 10uF/50V	CE04W1H100M (ASF)
C357,358	254 4313 934	Electrolytic 47uF/50V	CE04W1H470M (ASF)
C363,364	254 4313 934	Electrolytic 47uF/50V	CE04W1H470M (ASF)
C365-370	254 4313 918	Electrolytic 10uF/50V	CE04W1H100M (ASF)
C373-376	254 4313 918	Electrolytic 10uF/50V	CE04W1H100M (ASF)
C377-380	255 1273 944	Mylar film 220pF/50V	CQ93M1H221J (B)
C381,382	254 4313 934	Electrolytic 47uF/50V	CE04W1H470M (ASF)
C383,384	254 4313 918	Electrolytic 10uF/50V	CE04W1H100M (ASF)
C385,386	254 4313 934	Electrolytic 47uF/50V	CE04W1H470M (ASF)
C391-398	254 4313 918	Electrolytic 10uF/50V	CE04W1H100M (ASF)
C401-404	254 4313 918	Electrolytic 10uF/50V	CE04W1H100M (ASF)
C405-408	255 1273 944	Mylar film 220pF/50V	CQ93M1H221J (B)
C409-424	254 4313 918	Electrolytic 10uF/50V	CE04W1H100M (ASF)
C425-440	257 0502 971	Ceramic chip 5pF/50V	CC73CH1H5R0C
C451-458	257 3012 921	Metallized chip 0.01uF/50V	CF73=1H103J (ECHUB5)
C601,602	254 4313 976	Electrolytic 2.2uF/50V	CE04W1H2R2M (ASF)
C605,606	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101J
C607,608	254 4313 905	Electrolytic 3.3uF/50V	CE04W1H3R3M (ASF)
C609,610	257 3013 904	Metallized chip 0.056uF/50V	CF73=1H563J (ECHUC9)
C611,612	257 3012 905	Metallized chip 6800pF/50V	CF73=1H682J (ECHUB5)
C613,614	254 4524 943	Electrolytic 1uF/50V	CE04W1H010M (SMG/RE3)
C615,616	257 3012 934	Metallized chip 0.012uF/50V	CF73=1H123J (ECHUB5)
C617,618	257 3011 951	Metallized chip 2700pF/50V	CF73=1H272J (ECHUB5)
C619,620	257 3012 963	Metallized chip 0.022uF/50V	CF73=1H223J (ECHUB5)
C621,622	254 4313 947	Electrolytic 4.7uF/50V	CE04W1H4R7M (ASF)
C623,624	254 4313 976	Electrolytic 2.2uF/50V	CE04W1H2R2M (ASF)
C627,628	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101J
C629,630	254 4313 905	Electrolytic 3.3uF/50V	CE04W1H3R3M (ASF)
C631,632	257 3013 904	Metallized chip 0.056uF/50V	CF73=1H563J (ECHUC9)
C633,634	257 3012 905	Metallized chip 6800pF/50V	CF73=1H682J (ECHUB5)
C635,636	257 3012 934	Metallized chip 0.012uF/50V	CF73=1H123J (ECHUB5)
C637,638	257 3011 951	Metallized chip 2700pF/50V	CF73=1H272J (ECHUB5)
C639,640	257 3012 963	Metallized chip 0.022uF/50V	CF73=1H223J (ECHUB5)
C641,642	254 4313 947	Electrolytic 4.7uF/50V	CE04W1H4R7M (ASF)
C643,644	254 4313 976	Electrolytic 2.2uF/50V	CE04W1H2R2M (ASF)
C647,648	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101J
C649,650	254 4313 905	Electrolytic 3.3uF/50V	CE04W1H3R3M (ASF)
C651,652	257 3013 904	Metallized chip 0.056uF/50V	CF73=1H563J (ECHUC9)
C653,654	257 3012 905	Metallized chip 6800pF/50V	CF73=1H682J (ECHUB5)
C655,656	257 3012 934	Metallized chip 0.012uF/50V	CF73=1H123J (ECHUB5)
C657,658	257 3011 951	Metallized chip 2700pF/50V	CF73=1H272J (ECHUB5)
C659,660	257 3012 963	Metallized chip 0.022uF/50V	CF73=1H223J (ECHUB5)
C661,662	254 4313 947	Electrolytic 4.7uF/50V	CE04W1H4R7M (ASF)

Ref. No.	Part No.	Part Name	Remarks
C663,664	254 4313 976	Electrolytic 2.2uF/50V	CE04W1H2R2M (ASF)
C667,668	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101J
C669,670	254 4313 905	Electrolytic 3.3uF/50V	CE04W1H3R3M (ASF)
C671,672	257 3013 904	Metallized chip 0.056uF/50V	CF73=1H563J (ECHUC9)
C673,674	257 3012 905	Metallized chip 6800pF/50V	CF73=1H682J (ECHUB5)
C677,678	257 3012 934	Metallized chip 0.012uF/50V	CF73=1H123J (ECHUB5)
C679,680	257 3011 951	Metallized chip 2700pF/50V	CF73=1H272J (ECHUB5)
C681,682	257 3012 963	Metallized chip 0.022uF/50V	CF73=1H223J (ECHUB5)
C683,684	254 4313 947	Electrolytic 4.7uF/50V	CE04W1H4R7M (ASF)
C693	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K
C694	254 4524 956	Electrolytic 2.2uF/35V	CE04W1H2R2M (SMG/RE3)
C695	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K
C696	254 4538 939	Electrolytic 47uF/16V	CE04W1C470M (SMG/RE3)
C697	254 4313 947	Electrolytic 4.7uF/50V	CE04W1H4R7M (ASF)
C698,699	254 4524 943	Electrolytic 1uF/50V	CE04W1H010M (SMG/RE3)
C700	254 4313 947	Electrolytic 4.7uF/50V	CE04W1H4R7M (ASF)
C701,702	254 4524 943	Electrolytic 1uF/50V	CE04W1H010M (SMG/RE3)
C703-705	254 4313 947	Electrolytic 4.7uF/50V	CE04W1H4R7M (ASF)
C707-710	254 4524 943	Electrolytic 1uF/50V	CE04W1H010M (SMG/RE3)
C712	254 4522 958	Electrolytic 100uF/35V	CE04W1V101M (SMG/RE3)
C713-722	254 4313 963	Electrolytic 1uF/50V	CE04W1H010M (ASF)
C801,802	254 4313 947	Electrolytic 4.7uF/50V	CE04W1H4R7M (ASF)
C803,804	254 4538 942	Electrolytic 100uF/16V	CE04W1C101M (SMG/RE3)
C807,808	254 4313 947	Electrolytic 4.7uF/50V	CE04W1H4R7M (ASF)
C809-812	254 4524 998	Electrolytic 22uF/50V	CE04W1H220M (SMG/RE3)
C815,816	254 4313 947	Electrolytic 4.7uF/50V	CE04W1H4R7M (ASF)
C817-820	254 4524 998	Electrolytic 22uF/50V	CE04W1H220M (SMG/RE3)
C823,824	254 4313 947	Electrolytic 4.7uF/50V	CE04W1H4R7M (ASF)
C825-828	254 4524 998	Electrolytic 22uF/50V	CE04W1H220M (SMG/RE3)
C831,832	254 4313 947	Electrolytic 4.7uF/50V	CE04W1H4R7M (ASF)
C833-836	254 4524 998	Electrolytic 22uF/50V	CE04W1H220M (SMG/RE3)
C839	254 4524 943	Electrolytic 1uF/50V	CE04W1H010M (SMG/RE3)
C841,842	254 4347 748	Electrolytic 1uF/50V	CE04W1H010MC(ARSA)
C921,922	254 4313 963	Electrolytic 1uF/50V	CE04W1H010M (ASF)
C941,942	254 4524 998	Electrolytic 22uF/50V	CE04W1H220M (SMG/RE3)
C943,944	254 4524 985	Electrolytic 10uF/50V	CE04W1H100M (SMG/RE3)
C951,952	254 4524 998	Electrolytic 22uF/50V	CE04W1H220M (SMG/RE3)
C953,954	254 4524 985	Electrolytic 10uF/50V	CE04W1H100M (SMG/RE3)
C955,956	257 3012 921	Metallized chip 0.01uF/50V	CF73=1H103J (ECHUB5)
C961,962	254 4524 998	Electrolytic 22uF/50V	CE04W1H220M (SMG/RE3)
C963,964	254 4524 985	Electrolytic 10uF/50V	CE04W1H100M (SMG/RE3)
C971,972	254 4524 998	Electrolytic 22uF/50V	CE04W1H220M (SMG/RE3)
C973,974	254 4524 985	Electrolytic 10uF/50V	CE04W1H100M (SMG/RE3)
C975,976	257 3012 921	Metallized chip 0.01uF/50V	CF73=1H103J (ECHUB5)
C981-988	254 4524 985	Electrolytic 10uF/50V	CE04W1H100M (SMG/RE3)
CC123,124	257 0504 940	Ceramic chip 33pF/50V	CC73CH1H330J
CC127,128	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101J
CC129,130	254 4524 985	Electrolytic 10uF/50V	CE04W1H100M (SMG/RE3)

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Ref. No.	Part No.	Part Name	Remarks
CC143,144	257 0504 940	Ceramic chip 33pF/50V	CC73CH1H330J
CC147,148	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101J
CC149,150	254 4524 985	Electrolytic 10uF/50V	CE04W1H100M (SMG/RE3)
OTHER PARTS GROUP			**Q'ty**
AS101,102	205 0452 017	Style pin	2
AS104	205 0452 017	Style pin	1
AS106	205 0452 017	Style pin	1
CW121	204 6732 000	12P SAN-SAN connector cord	1
CW141	204 6733 009	14P PH-SAN connector cord	1
CX034	205 0406 034	3P connector base (KR-PH)	1
CX041	205 0343 045	4P connector base (KR-PH)	1
CX142,143	205 0375 042	14P connector base (KR-PH)	2
CX154	205 0375 055	15P connector base (KR-PH)	1
CY032	205 0321 038	3P connector base (RED)	1
CY043	205 0343 045	4P connector base (KR-PH)	1
CY072	205 0343 074	7P connector base (KR-PH)	1
CY095	205 0343 090	9P connector base (KR-PH)	1
CY104	205 0375 000	10P connector base (KR-PH)	1
CY122	205 0375 026	12P connector base (KR-PH)	1
CY126	205 0375 026	12P connector base (KR-PH)	1
CY136	205 0375 039	13P connector base (KR-PH)	1
JK101	204 8562 016	2P pin jack (S-GND)	1
JK102	204 8562 016	2P pin jack (S-GND) for E2,E1,E1C,EUT	1
JK201-203	204 8513 007	6P pin jack (S-GND)	3
JK801	204 8513 007	6P pin jack (S-GND)	1
RL101-111	214 0223 004	Relay (EC2-24N35)	11
RL113-115	214 0223 004	Relay (EC2-24N35)	3
RL601-604	214 0223 004	Relay (EC2-24N35)	4
RL801	214 0223 004	Relay (EC2-24N35)	1
SH101	414 0799 109	Shield plate	1
	203 0711 008	1P SIN-SIN wire	1

Ref. No.	Part No.	Part Name	Remarks
SEMICONDUCTORS GROUP			
IC102-112	263 1098 900	IC LM833MX	
IC201-203	262 2545 006	IC TC9274N-011	
IC204	262 2726 003	IC TC9273N-***B	
IC205	262 2540 904	IC TC9459F	
IC206,207	263 0615 902	IC BA15218F	
IC301-303	263 1082 903	IC TK15420MTL	
IC304,305	262 2826 903	IC BU4051BCF	
IC306	263 1082 903	IC TK15420MTL	
IC307	262 2013 907	IC BU4053BCF	
IC308	262 2012 908	IC BU4052BCF	
IC309	262 2826 903	IC BU4051BCF	
IC310	263 1082 903	IC TK15420MTL	
IC311	262 2012 908	IC BU4052BCF	
IC501	262 2114 903	IC UPD4721GS-GJG	
IC502	262 2580 906	IC CXA1511M	
TR201	269 0048 904	Transistor DTC143EK	
TR203-210	273 0460 905	Transistor KTC2875B	
TR301	271 0238 908	Transistor 2SA1037K (S/R)	
TR302,303	269 0192 902	Transister KRC102S (10K-10K)	
TR501	269 0055 900	Transistor DTA144EK	
TR502	269 0082 902	Transistor DTC114EK	
TR503	269 0083 901	Transistor DTA114EK	
TR904	269 0192 902	Transister KRC102S (10K-10K)	
TR905	269 0144 905	Transistor DTC114YK	
TR906	271 0310 907	Transistor 2SA1163 (BL)	
TR907-911	273 0426 907	Transistor 2SC2412KLN	
D201	276 0559 909	Diode DAP202K	
D302,303	276 0739 907	Diode KDS181	
D904-908	276 0740 909	Diode KDS184	
ZD505,506	276 0694 932	Zener diode UDZ6.8B	
ZD507	276 0683 956	Zener diode UDZS15B	
RESISTORS GROUP			
R121-124	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R125,126	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R127,128	247 2004 920	Carbon chip 47ohm 1/16W	RM73B--470J
R129,130	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R131-134	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R135,136	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R137,138	247 2004 920	Carbon chip 47ohm 1/16W	RM73B--470J

Ref. No.	Part No.	Part Name	Remarks
R139,140	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R141-144	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R145,146	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R147,148	247 2004 920	Carbon chip 47ohm 1/16W	RM73B--470J
R149,150	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R151-154	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R155,156	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R157,158	247 2004 920	Carbon chip 47ohm 1/16W	RM73B--470J
R159,160	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R161-164	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R165,166	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R167,168	247 2004 920	Carbon chip 47ohm 1/16W	RM73B--470J
R169,170	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R171-174	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R175,176	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R177,178	247 2004 920	Carbon chip 47ohm 1/16W	RM73B--470J
R179,180	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R181-184	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R185,186	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R187,188	247 2004 920	Carbon chip 47ohm 1/16W	RM73B--470J
R189,190	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R201-204	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R205,206	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R207-210	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R211,212	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R213,214	247 2004 920	Carbon chip 47ohm 1/16W	RM73B--470J
R215,216	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R217-220	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R221,222	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R223,224	247 2004 920	Carbon chip 47ohm 1/16W	RM73B--470J
R225,226	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R227,228	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R229,230	247 2004 920	Carbon chip 47ohm 1/16W	RM73B--470J
R231,232	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R233-236	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R237,238	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R239,240	247 2004 920	Carbon chip 47ohm 1/16W	RM73B--470J
R241,242	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R243-248	247 2006 960	Carbon chip 470ohm 1/16W	RM73B--471J
R249-254	247 2015 964	Carbon chip 2.7Mohm 1/16W	RM73B--275K
R255,256	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R257,258	247 2007 930	Carbon chip 910ohm 1/16W	RM73B--911J
R259,260	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R261,262	247 2005 987	Carbon chip 220ohm 1/16W	RM73B--221J
R263,264	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R265,266	247 2005 987	Carbon chip 220ohm 1/16W	RM73B--221J
R267,268	247 2002 964	Carbon chip 10ohm 1/16W	RM73B--100J
R269,270	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R271,272	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R273,274	247 2010 969	Carbon chip 22kohm 1/16W	RM73B--223J
R275,276	247 2005 987	Carbon chip 220ohm 1/16W	RM73B--221J

Ref. No.	Part No.	Part Name	Remarks
R277,278	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R279,280	247 2005 987	Carbon chip 220ohm 1/16W	RM73B--221J
R281,282	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R283,284	247 2002 964	Carbon chip 10ohm 1/16W	RM73B--100J
R285,286	247 2010 969	Carbon chip 22kohm 1/16W	RM73B--223J
R287,288	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R289,290	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R291,292	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R293,294	247 2006 960	Carbon chip 470ohm 1/16W	RM73B--471J
R301-308	247 2004 975	Carbon chip 75ohm 1/16W	RM73B--750J
R309-313	247 2010 969	Carbon chip 22kohm 1/16W	RM73B--223J
R314-318	247 2004 975	Carbon chip 75ohm 1/16W	RM73B--750J
R319,320	247 2008 913	Carbon chip 2kohm 1/16W	RM73B--202J
R323,324	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R325,326	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R327,328	247 2008 913	Carbon chip 2kohm 1/16W	RM73B--202J
R331,332	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R333,334	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R335	247 2006 973	Carbon chip 510ohm 1/16W	RM73B--511J
R337,338	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R339	247 2006 986	Carbon chip 560ohm 1/16W	RM73B--561J
R340	247 2008 913	Carbon chip 2kohm 1/16W	RM73B--202J
R342	247 2002 964	Carbon chip 10ohm 1/16W	RM73B--100J
R343,344	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R345	247 2002 964	Carbon chip 10ohm 1/16W	RM73B--100J
R346	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R347	247 2006 999	Carbon chip 620ohm 1/16W	RM73B--621J
R350	247 2008 913	Carbon chip 2kohm 1/16W	RM73B--202J
R351	247 2006 973	Carbon chip 510ohm 1/16W	RM73B--511J
R353	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R354	247 2002 964	Carbon chip 10ohm 1/16W	RM73B--100J
R355	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R356	247 2002 964	Carbon chip 10ohm 1/16W	RM73B--100J
R357	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R358	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R359	247 2006 973	Carbon chip 510ohm 1/16W	RM73B--511J
R360	247 2006 986	Carbon chip 560ohm 1/16W	RM73B--561J
R362	247 2004 975	Carbon chip 75ohm 1/16W	RM73B--750J
R363	247 2010 969	Carbon chip 22kohm 1/16W	RM73B--223J
R364	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R365	247 2009 967	Carbon chip 8.2kohm 1/16W	RM73B--822J
R366	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R367	247 2007 969	Carbon chip 1.2kohm 1/16W	RM73B--122J
R368	247 2005 987	Carbon chip 220ohm 1/16W	RM73B--221J
R369	247 2009 967	Carbon chip 8.2kohm 1/16W	RM73B--822J
R371,372	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R373	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
R501	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R502	247 2006 960	Carbon chip 470ohm 1/16W	RM73B--471J
R503	247 2003 947	Carbon chip 22ohm 1/16W	RM73B--220J

Ref. No.	Part No.	Part Name	Remarks
R504	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R505	247 2012 996	Carbon chip 200kohm 1/16W	RM73B--204J
R509	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
R510	247 2011 926	Carbon chip 39kohm 1/16W	RM73B--393J
R511	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R512	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
R513	247 2005 987	Carbon chip 220ohm 1/16W	RM73B--221J
R514	247 2003 947	Carbon chip 22ohm 1/16W	RM73B--220J
R515,516	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
R519	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
			for EU, EC
R519	235 0130 903	EMI filter (11A121)	for E2,E1,E1C,EUT
R521	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R935	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
R936,937	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R939	247 2005 987	Carbon chip 220ohm 1/16W	RM73B--221J
R940	247 2009 967	Carbon chip 8.2kohm 1/16W	RM73B--822J
R941	247 2007 969	Carbon chip 1.2kohm 1/16W	RM73B--122J
R942	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
R943	247 2008 926	Carbon chip 2.2kohm 1/16W	RM73B--222J
R944-953	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R961-972	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R973-975	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R994	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
CAPACITORS GROUP			
C119,120	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101J
			for E2,E1,E1C,EUT
C121,122	254 4313 918	Electrolytic 10uF/50V	CE04W1H100M (ASF)
C127,128	254 4313 934	Electrolytic 47uF/50V	CE04W1H470M (ASF)
C129,130	254 4313 963	Electrolytic 1uF/50V	CE04W1H010M (ASF)
C131,132	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101J
			for E2,E1,E1C,EUT
C133,134	254 4313 918	Electrolytic 10uF/50V	CE04W1H100M (ASF)
C139,140	254 4313 934	Electrolytic 47uF/50V	CE04W1H470M (ASF)
C143,144	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101J
			for E2,E1,E1C,EUT
C145,146	254 4524 985	Electrolytic 10uF/50V	CE04W1H100M (SMG/RE3)
C151,152	254 4525 913	Electrolytic 47uF/50V	CE04W1H470M (SMG/RE3)
C155,156	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101J
			for E2,E1,E1C,EUT
C157,158	254 4524 985	Electrolytic 10uF/50V	CE04W1H100M (SMG/RE3)
C163,164	254 4525 913	Electrolytic 47uF/50V	CE04W1H470M (SMG/RE3)
C167,168	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101J
			for E2,E1,E1C,EUT
C169,170	254 4524 985	Electrolytic 10uF/50V	CE04W1H100M (SMG/RE3)
C175,176	254 4525 913	Electrolytic 47uF/50V	CE04W1H470M (SMG/RE3)
C179,180	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101J
			for E2,E1,E1C,EUT
C181,182	254 4524 985	Electrolytic 10uF/50V	CE04W1H100M (SMG/RE3)
C187,188	254 4525 913	Electrolytic 47uF/50V	CE04W1H470M (SMG/RE3)

Ref. No.	Part No.	Part Name	Remarks
C191,192	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101J
			for E2,E1,E1C,EUT
C193,194	254 4524 985	Electrolytic 10uF/50V	CE04W1H100M (SMG/RE3)
C199,200	254 4525 913	Electrolytic 47uF/50V	CE04W1H470M (SMG/RE3)
C207,208	254 4524 985	Electrolytic 10uF/50V	CE04W1H100M (SMG/RE3)
C211,212	254 4524 985	Electrolytic 10uF/50V	CE04W1H100M (SMG/RE3)
C213,214	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101J
			for E2,E1,E1C,EUT
C215,216	254 4313 963	Electrolytic 1uF/50V	CE04W1H010M (ASF)
C217-220	254 4538 913	Electrolytic 22uF/16V	CE04W1C220M (SMG/RE3)
C221-224	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101J
			for E2,E1,E1C,EUT
C225,226	254 4524 985	Electrolytic 10uF/50V	CE04W1H100M (SMG/RE3)
C227,228	254 4538 900	Electrolytic 10uF/16V	CE04W1C100M (SMG/RE3)
C231,232	254 4525 913	Electrolytic 47uF/50V	CE04W1H470M (SMG/RE3)
C233,234	254 4524 985	Electrolytic 10uF/50V	CE04W1H100M (SMG/RE3)
C239	254 4524 985	Electrolytic 10uF/50V	CE04W1H100M (SMG/RE3)
C241	254 4524 943	Electrolytic 1uF/50V	CE04W1H010M (SMG/RE3)
C243,244	254 4525 913	Electrolytic 47uF/50V	CE04W1H470M (SMG/RE3)
C245,246	254 4313 963	Electrolytic 1uF/50V	CE04W1H010M (ASF)
C248	254 4524 985	Electrolytic 10uF/50V	CE04W1H100M (SMG/RE3)
C253,254	254 4525 913	Electrolytic 47uF/50V	CE04W1H470M (SMG/RE3)
C256	254 4524 943	Electrolytic 1uF/50V	CE04W1H010M (SMG/RE3)
C257,258	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101J
			for E2,E1,E1C,EUT
C259,260	254 4524 985	Electrolytic 10uF/50V	CE04W1H100M (SMG/RE3)
C265,266	254 4525 913	Electrolytic 47uF/50V	CE04W1H470M (SMG/RE3)
C268	254 4524 943	Electrolytic 1uF/50V	CE04W1H010M (SMG/RE3)
C277-280	254 4524 985	Electrolytic 10uF/50V	CE04W1H100M (SMG/RE3)
C283-287	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
			for E2,E1,E1C,EUT
C301,302	254 4538 939	Electrolytic 47uF/16V	CE04W1C470M (SMG/RE3)
C303	254 4536 928	Electrolytic 100uF/10V	CE04W1A101M (SMG/RE3)
C305,306	254 4538 939	Electrolytic 47uF/16V	CE04W1C470M (SMG/RE3)
C307-310	257 0511 904	Ceramic chip 0.01uF/50V	CK73F1H103Z
C311,312	254 4536 928	Electrolytic 100uF/10V	CE04W1A101M (SMG/RE3)
C313,314	254 4538 939	Electrolytic 47uF/16V	CE04W1C470M (SMG/RE3)
C315	254 4536 928	Electrolytic 100uF/10V	CE04W1A101M (SMG/RE3)
C317,318	254 4536 928	Electrolytic 100uF/10V	CE04W1A101M (SMG/RE3)
C319	257 0512 903	Ceramic chip 0.1uF/25V	CK73F1E104Z
C320	254 4524 943	Electrolytic 1uF/50V	CE04W1H010M (SMG/RE3)
C321-324	257 0511 904	Ceramic chip 0.01uF/50V	CK73F1H103Z
C325	256 1058 939	Metallized 0.047uF/50V	CF93A1H473J (JL)
C326	256 1058 971	Metallized 0.1uF/50V	CF93A1H104J (JL)
C327	256 1058 939	Metallized 0.047uF/50V	CF93A1H473J (JL)
C328	254 4524 943	Electrolytic 1uF/50V	CE04W1H010M (SMG/RE3)
C329	256 1058 939	Metallized 0.047uF/50V	CF93A1H473J (JL)
C330,331	257 0511 904	Ceramic chip 0.01uF/50V	CK73F1H103Z
C333,334	257 0511 904	Ceramic chip 0.01uF/50V	CK73F1H103Z
C336-338	257 0512 903	Ceramic chip 0.1uF/25V	CK73F1E104Z

Ref. No.	Part No.	Part Name	Remarks
C501-503	254 4305 900	Electrolytic 0.1uF/50V	CE04W1H0R1M (SRE)
C504	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101J
C505	257 0511 904	Ceramic chip 0.01uF/50V	CK73F1H103Z
C506	254 4306 925	Electrolytic 10uF/50V	CE04W1H100M (SRE)
C507	257 0512 903	Ceramic chip 0.1uF/25V	CK73F1E104Z
C508	254 4299 964	Electrolytic 47uF/16V	CE04W1C470M (SRE)
C509	254 4305 900	Electrolytic 0.1uF/50V	CE04W1H0R1M (SRE)
C510	257 0511 904	Ceramic chip 0.01uF/50V	CK73F1H103Z
C511	254 4305 900	Electrolytic 0.1uF/50V	CE04W1H0R1M (SRE)
C513	254 4305 968	Electrolytic 1uF/50V	CE04W1H010M (SRE)
C515	257 0511 904	Ceramic chip 0.01uF/50V	CK73F1H103Z
C516-518	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101J
C519	257 0516 954	Ceramic chip 0.1uF/25V	CK73B1E104K
C522	257 0516 954	Ceramic chip 0.1uF/25V	CK73B1E104K
C523	257 0512 903	Ceramic chip 0.1uF/25V	CK73F1E104Z
C525	257 0516 954	Ceramic chip 0.1uF/25V	CK73B1E104K
C526,527	257 0511 917	Ceramic chip 0.022uF/50V	CK73F1H223Z
C912	257 0516 941	Ceramic chip 0.047uF/25V	CK73B1E473K
C913	254 4524 943	Electrolytic 1uF/50V	CE04W1H010M (SMG/RE3)
C914	256 1059 996	Metallized 1uF/50V	CF93A1H105J (JL)
C915	257 0516 954	Ceramic chip 0.1uF/25V	CK73B1E104K
C916	257 0516 941	Ceramic chip 0.047uF/25V	CK73B1E473K
C961	257 0512 903	Ceramic chip 0.1uF/25V	CK73F1E104Z
C962	254 4524 943	Electrolytic 1uF/50V	CE04W1H010M (SMG/RE3)
C963-966	257 0512 903	Ceramic chip 0.1uF/25V	CK73F1E104Z

OTHER PARTS GROUP				Q'ty
AS101	205 0452 017	Style pin		1
CW042	205 0885 082	4P connector socket (TUC-P)		1
CW047	205 0885 082	4P connector socket (TUC-P)		1
CW049	205 0885 082	4P connector socket (TUC-P)		1
CW051,052	205 0885 008	5P connector socket (TUC-P)		2
CW076-079	205 0942 022	7P connector socket (TUC-P)		4
CW086,087	205 0885 095	8P connector socket (TUC-P)		2
CW089	205 0885 095	8P connector socket (TUC-P)		1
CW090	205 0885 037	9P connector socket (TUC-P)		1
CW096,097	205 0885 037	9P connector socket (TUC-P)		2
CW106,107	205 0885 053	10P connector socket (TUC-P)		2
CW113,114	205 0885 066	11P connector socket (TUC-P)		2
CW976-979	205 0942 022	7P connector socket (TUC-P)		4
CW985-987	205 0885 095	8P connector socket (TUC-P)		3
CX031	205 0343 032	3P connector base (KR-PH)	for EU,EC	1
CX032	205 0321 038	3P connector base (RED)		1
CX042	205 0884 083	4P connector base (TUC-P)		1
CX047-049	205 0884 083	4P connector base (TUC-P)		3
CX052	205 0884 009	5P connector base (TUC-P)		1
CX072	205 0343 074	7P connector base (KR-PH)		1
CX080	205 0884 096	8P connector base (TUC-P)		1
CX095	205 0343 090	9P connector base (KR-PH)		1

Ref. No.	Part No.	Part Name	Remarks	Q'ty
CX096	205 0884 038	9P connector base (TUC-P)		1
CX107	205 0884 054	10P connector base (TUC-P)		1
CX127	205 0375 026	12P connector base (KR-PH)		1
CX136	205 0375 039	13P connector base (KR-PH)		1
CX502	205 1153 001	9P S sub connector		1
CX831-836	205 0343 032	3P connector base (KR-PH)		6
CX838	205 0343 032	3P connector base (KR-PH)		1
CX971	205 0343 074	7P connector base (KR-PH)		1
CX981	205 0343 087	8P connector base (KR-PH)		1
CX985	205 0884 096	8P connector base (TUC-P)		1
CY034	205 0406 034	3P connector base (KR-PH)		1
CY088	205 1228 004	8P FJ connector base		1
CY105	205 0375 000	10P connector base (KR-PH)		1
CY108	205 0375 000	10P connector base (KR-PH)		1
CY112	205 0375 013	11P connector base (KR-PH)		1
FB201	235 0049 900	Beads inductor	for EU,EC	1
FB501-505	235 0147 909	EMI filter	BLM21PG221SN1	5
FB507-509	235 0147 909	EMI filter	BLM21PG221SN1	3
JK101-104	204 8513 007	6P pin jack (S-GND)		4
JK105	204 8514 006	4P pin jack (S-GND)		1
JK301-303	204 8515 005	4P pin jack (S-GND)		3
JK304,305	204 8512 011	1P pin jack (GOLD)		2
JK501	204 8289 001	DC Power jack		1
JK502,503	204 8260 004	Mini jack		2
JK504	204 8649 007	Mini jack (RD)		1
JK901-904	204 8607 007	3P pin jack (S-GND)		4
RL101	214 0223 004	Relay (EC2-24N35)		1
RL901-908	214 0223 004	Relay (EC2-24N35)		8
RL910	214 0223 004	Relay (EC2-24N35)		1
SW501	212 0408 001	Slide switch		1
TP101,102	205 0133 035	3 P NH connector base		2
TP201,202	205 0133 035	3 P NH connector base		2
TP301,302	205 0133 035	3 P NH connector base		2
TP402	205 0133 035	3 P NH connector base		1
W502	205 1034 007	M3 Screw terminal		1

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Ref. No.	Part No.	Part Name	Remarks
SEMICONDUCTORS GROUP			
IC301	262 2827 902	IC MM74HC4053SJ	
IC302	262 2808 002	IC M35015-210SP	
IC303	263 0682 003	IC NJM2229S	
IC304,305	263 1040 903	IC BU4094BCF	
IC306,307	263 1082 903	IC TK15420MTL	
IC308,309	262 2013 907	IC BU4053BCF	
IC310-312	263 1040 903	IC BU4094BCF	
IC313	263 1082 903	IC TK15420MTL	
IC314	262 2012 908	IC BU4052BCF	
IC315	263 1165 901	IC NJM2274R	
IC501-505	263 1082 903	IC TK15420MTL	
IC506-509	262 2826 903	IC BU4051BCF	
IC510,511	263 1082 903	IC TK15420MTL	
IC512,513	262 2013 907	IC BU4053BCF	
IC514,515	262 2012 908	IC BU4052BCF	
IC516	263 1082 903	IC TK15420MTL	
IC603	262 3110 906	IC TC90A69F	
IC606,607	262 2012 908	IC BU4052BCF	
IC608,609	263 1082 903	IC TK15420MTL	
IC611,612	263 1082 903	IC TK15420MTL	
IC613	262 2012 908	IC BU4052BCF	
IC615	263 1167 006	IC TA8772AN	for E2,E1,E1C,EUT
IC616	262 3108 002	IC TA1270BF	
IC701,702	263 1082 903	IC TK15420MTL	
IC705,706	263 1082 903	IC TK15420MTL	
TR301,302	273 0384 900	Transistor 2SC2412K (S)	
TR503	271 0238 908	Transistor 2SA1037K (S/R)	
TR504,505	269 0082 902	Transistor DTC114EK	
TR601,602	273 0426 907	Transistor 2SC2412KLN	for E2,E1,E1C,EUT
TR603	271 0238 908	Transistor 2SA1037K (S/R)	for E2,E1,E1C,EUT
TR604,605	271 0238 908	Transistor 2SA1037K (S/R)	
D301	276 0559 909	Diode DAP202K	
D302	276 0740 909	Diode KDS184	
D503,504	276 0739 907	Diode KDS181	
D601	276 0773 905	Diode RB501V-40	
RESISTORS GROUP			
R301	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R302	247 2002 964	Carbon chip 10ohm 1/16W	RM73B--100J
R303,304	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R305	247 2009 967	Carbon chip 8.2kohm 1/16W	RM73B--822J
R306	247 2006 915	Carbon chip 270ohm 1/16W	RM73B--271J
R307	247 2008 926	Carbon chip 2.2kohm 1/16W	RM73B--222J
R308	247 2002 964	Carbon chip 10ohm 1/16W	RM73B--100J
R309	247 2003 934	Carbon chip 20ohm 1/16W	RM73B--200J
R310	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
R311	247 2008 900	Carbon chip 1.8kohm 1/16W	RM73B--182J
R312	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
R313	247 2013 982	Carbon chip 470kohm 1/16W	RM73B--474J
R314,315	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R316	247 2006 944	Carbon chip 390ohm 1/16W	RM73B--391J
R317	247 2007 985	Carbon chip 1.5kohm 1/16W	RM73B--152J
R318	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R319	247 2011 955	Carbon chip 51kohm 1/16W	RM73B--513J
R320	247 2009 954	Carbon chip 7.5kohm 1/16W	RM73B--752J
R321	247 2011 900	Carbon chip 33kohm 1/16W	RM73B--333J
R322,323	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R324	247 2002 964	Carbon chip 10ohm 1/16W	RM73B--100J
R325	247 2004 920	Carbon chip 47ohm 1/16W	RM73B--470J
R326-329	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R331	247 2007 956	Carbon chip 1.1kohm 1/16W	RM73B--112J
R332	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R333	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R334-337	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R338	247 2002 964	Carbon chip 10ohm 1/16W	RM73B--100J
R339	247 2008 913	Carbon chip 2kohm 1/16W	RM73B--202J
R340	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R343	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R344	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R345,346	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R347	247 2004 975	Carbon chip 75ohm 1/16W	RM73B--750J
R348,349	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R350	247 2004 975	Carbon chip 75ohm 1/16W	RM73B--750J
R351-353	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R354	247 2006 915	Carbon chip 270ohm 1/16W	RM73B--271J
R355,356	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R357,358	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R359	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R360-383	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R384	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R385	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R387	247 2008 913	Carbon chip 2kohm 1/16W	RM73B--202J
R389	247 2002 964	Carbon chip 10ohm 1/16W	RM73B--100J
R390	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R391	247 2004 975	Carbon chip 75ohm 1/16W	RM73B--750J
R392,393	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R396	247 2008 913	Carbon chip 2kohm 1/16W	RM73B--202J
R399	247 2008 913	Carbon chip 2kohm 1/16W	RM73B--202J
R400	247 2004 975	Carbon chip 75ohm 1/16W	RM73B--750J
R401	247 2004 959	Carbon chip 62ohm 1/16W	RM73B--620J
R402,403	247 2004 975	Carbon chip 75ohm 1/16W	RM73B--750J
R501,502	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J

Ref. No.	Part No.	Part Name	Remarks
R503,504	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R505	247 2006 960	Carbon chip 470ohm 1/16W	RM73B--471J
R506	247 2006 944	Carbon chip 390ohm 1/16W	RM73B--391J
R507	247 2006 986	Carbon chip 560ohm 1/16W	RM73B--561J
R509	247 2006 973	Carbon chip 510ohm 1/16W	RM73B--511J
R511,512	247 2002 964	Carbon chip 10ohm 1/16W	RM73B--100J
R513,514	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R515,516	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R517	247 2006 973	Carbon chip 510ohm 1/16W	RM73B--511J
R518	247 2006 960	Carbon chip 470ohm 1/16W	RM73B--471J
R519	247 2006 986	Carbon chip 560ohm 1/16W	RM73B--561J
R521	247 2006 986	Carbon chip 560ohm 1/16W	RM73B--561J
R523-526	247 2002 964	Carbon chip 10ohm 1/16W	RM73B--100J
R527	247 2004 920	Carbon chip 47ohm 1/16W	RM73B--470J
R530	247 2004 920	Carbon chip 47ohm 1/16W	RM73B--470J
R531,532	247 2007 914	Carbon chip 750ohm 1/16W	RM73B--751J
R533,534	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R535,536	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R537-546	247 2008 913	Carbon chip 2kohm 1/16W	RM73B--202J
R557-566	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R567-576	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R577	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R580	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
R581	247 2007 956	Carbon chip 1.1kohm 1/16W	RM73B--112J
R582,583	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
R612	247 2004 975	Carbon chip 75ohm 1/16W	RM73B--750J
R618	247 2004 975	Carbon chip 75ohm 1/16W	RM73B--750J
R620	247 2004 975	Carbon chip 75ohm 1/16W	RM73B--750J
R621,622	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R623	247 2006 902	Carbon chip 330ohm 1/16W	RM73B--331J
R624,625	247 2004 975	Carbon chip 75ohm 1/16W	RM73B--750J
R633	247 2005 945	Carbon chip 150ohm 1/16W	RM73B--151J
R635	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
			for E2,E1,E1C,EUT
R636	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
			for E2,E1,E1C,EUT
R637-640	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
			for E2,E1,E1C,EUT
R641	247 2013 924	Carbon chip 270kohm 1/16W	RM73B--274J
			for E2,E1,E1C,EUT
R642	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R643	247 2010 985	Carbon chip 27kohm 1/16W	RM73B--273J
			for E2,E1,E1C,EUT
R644	247 2008 942	Carbon chip 2.7kohm 1/16W	RM73B--272J
R645	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R646,647	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R649	247 2006 960	Carbon chip 470ohm 1/16W	RM73B--471J
R650	247 2005 916	Carbon chip 110ohm 1/16W	RM73B--111J
R651	247 2008 913	Carbon chip 2kohm 1/16W	RM73B--202J
R653	247 2008 913	Carbon chip 2kohm 1/16W	RM73B--202J
R654	247 2004 975	Carbon chip 75ohm 1/16W	RM73B--750J

Ref. No.	Part No.	Part Name	Remarks
R655	247 2002 964	Carbon chip 10ohm 1/16W	RM73B--100J
R656,657	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R658-660	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R661-663	247 2006 928	Carbon chip 300ohm 1/16W	RM73B--301J
R666	247 2006 928	Carbon chip 300ohm 1/16W	RM73B--301J
R667,668	247 2004 975	Carbon chip 75ohm 1/16W	RM73B--750J
R686,687	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R689	247 2009 941	Carbon chip 6.8kohm 1/16W	RM73B--682J
R690,691	247 2008 926	Carbon chip 2.2kohm 1/16W	RM73B--222J
R692	247 2010 998	Carbon chip 30kohm 1/16W	RM73B--303J
R693,694	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R695,696	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R697	247 2008 955	Carbon chip 3kohm 1/16W	RM73B--302J
R698	247 2006 931	Carbon chip 360ohm 1/16W	RM73B--361J
R699	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R701,702	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R703	247 2006 986	Carbon chip 560ohm 1/16W	RM73B--561J
R706	247 2006 986	Carbon chip 560ohm 1/16W	RM73B--561J
R707,708	247 2006 973	Carbon chip 510ohm 1/16W	RM73B--511J
R709,710	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R711-714	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R715,716	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R719	247 2008 913	Carbon chip 2kohm 1/16W	RM73B--202J
R722	247 2008 913	Carbon chip 2kohm 1/16W	RM73B--202J
R723-727	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R729	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R731,732	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R751,752	247 2002 964	Carbon chip 10ohm 1/16W	RM73B--100J
R753	247 2006 960	Carbon chip 470ohm 1/16W	RM73B--471J
R755	247 2006 973	Carbon chip 510ohm 1/16W	RM73B--511J
R757,758	247 2006 960	Carbon chip 470ohm 1/16W	RM73B--471J
R761,762	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R763,764	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
R765,766	247 2007 927	Carbon chip 820ohm 1/16W	RM73B--821J
R767	247 2008 913	Carbon chip 2kohm 1/16W	RM73B--202J
R769	247 2008 913	Carbon chip 2kohm 1/16W	RM73B--202J
R773,774	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R775,776	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R777-779	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R781	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R783,784	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R795	247 2009 912	Carbon chip 5.1kohm 1/16W	RM73B--512J
R796	247 2009 967	Carbon chip 8.2kohm 1/16W	RM73B--822J
R797	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
			for E2,E1,E1C,EUT
R798	247 2010 998	Carbon chip 30kohm 1/16W	RM73B--303J
			for E2,E1,E1C,EUT
R799	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
			for E2,E1,E1C,EUT
RR501	247 2004 975	Carbon chip 75ohm 1/16W	RM73B--750J

Ref. No.	Part No.	Part Name	Remarks
RR502	247 2005 945	Carbon chip 150ohm 1/16W	RM73B--151J
RR503	247 2004 975	Carbon chip 75ohm 1/16W	RM73B--750J
RR504	247 2005 945	Carbon chip 150ohm 1/16W	RM73B--151J
RR505	247 2004 975	Carbon chip 75ohm 1/16W	RM73B--750J
RR506	247 2005 945	Carbon chip 150ohm 1/16W	RM73B--151J
RR507	247 2004 975	Carbon chip 75ohm 1/16W	RM73B--750J
RR508	247 2005 945	Carbon chip 150ohm 1/16W	RM73B--151J
RR509	247 2004 975	Carbon chip 75ohm 1/16W	RM73B--750J
RR510	247 2005 945	Carbon chip 150ohm 1/16W	RM73B--151J
RR511	247 2004 975	Carbon chip 75ohm 1/16W	RM73B--750J
RR512	247 2005 945	Carbon chip 150ohm 1/16W	RM73B--151J
RR513	247 2004 975	Carbon chip 75ohm 1/16W	RM73B--750J
RR514	247 2005 945	Carbon chip 150ohm 1/16W	RM73B--151J
RR515	247 2004 975	Carbon chip 75ohm 1/16W	RM73B--750J
RR516	247 2005 945	Carbon chip 150ohm 1/16W	RM73B--151J
RR517-526	247 2010 969	Carbon chip 22kohm 1/16W	RM73B--223J
RR527-536	247 2004 975	Carbon chip 75ohm 1/16W	RM73B--750J
RR537-544	247 2005 945	Carbon chip 150ohm 1/16W	RM73B--151J
RR545	247 2009 967	Carbon chip 8.2kohm 1/16W	RM73B--822J
RR546	247 2007 969	Carbon chip 1.2kohm 1/16W	RM73B--122J
RR547	247 2011 942	Carbon chip 47kohm 1/16W	RM73B--473J
RR548	247 2005 987	Carbon chip 220ohm 1/16W	RM73B--221J
RR549	247 2009 967	Carbon chip 8.2kohm 1/16W	RM73B--822J
RR551,552	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
RR553	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
RR554	247 2002 964	Carbon chip 10ohm 1/16W	RM73B--100J
RR601	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K for E2,E1,E1C,EUT
RR602	247 2004 946	Carbon chip 56ohm 1/16W	RM73B--560J for E2,E1,E1C,EUT
RR603,604	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K for EU,EC
RR605,606	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K for E2,E1,E1C,EUT
RR617	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR620	247 2006 973	Carbon chip 510ohm 1/16W	RM73B--511J
RR623	247 2006 986	Carbon chip 560ohm 1/16W	RM73B--561J
RR627	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
RR629	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
RR631	247 2007 927	Carbon chip 820ohm 1/16W	RM73B--821J
RR633	247 2004 975	Carbon chip 75ohm 1/16W	RM73B--750J
RR634	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR635	247 2008 913	Carbon chip 2kohm 1/16W	RM73B--202J
RR638	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
RR639	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
RR640,641	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
RR642	247 2008 913	Carbon chip 2kohm 1/16W	RM73B--202J
RR645	247 2008 913	Carbon chip 2kohm 1/16W	RM73B--202J
RR648,649	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
RR650,651	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J

Ref. No.	Part No.	Part Name	Remarks
VR601-603	211 6138 903	Semi fixed resistor 1kohm	V03PB102M (RH03ADC)
CAPACITORS GROUP			
C301	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K
C302	254 4464 951	Electrolytic 22uF/6.3V	CE67C0J220M (MV-B)
C303	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K
C304	254 4464 951	Electrolytic 22uF/6.3V	CE67C0J220M (MV-B)
C305	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K
C306-308	257 0504 940	Ceramic chip 33pF/50V	CC73CH1H330J
C309	257 0510 918	Ceramic chip 3300pF/50V	CK73B1H332K
C310,311	257 0503 941	Ceramic chip 12pF/50V	CC73CH1H120J
C312	257 3014 987	Metallized chip 0.022uF/16V	CF73=1C223J (ECHUB5)
C313	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101J
C314	254 4572 908	Electrolytic 10uF/16V	CE67C1C100M (MV-B)
C315	257 0510 918	Ceramic chip 3300pF/50V	CK73B1H332K
C316	257 0508 917	Ceramic chip 470pF/50V	CC73CH1H471J
C317	254 4571 912	Electrolytic 1uF/50V	CE67C1H010M (MV-B)
C318	257 3015 944	Metallized chip 0.068uF/16V	CF73=1C683J (ECHUB5)
C319	254 4571 912	Electrolytic 1uF/50V	CE67C1H010M (MV-B)
C320	257 0506 993	Ceramic chip 150pF/50V	CC73CH1H151J
C321	257 3011 922	Metallized chip 1200pF/50V	CF73=1H122J (ECHUB5)
C322	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K
C323	254 4464 906	Electrolytic 100uF/6.3V	CE67C0J101M
C324	257 3011 919	Metallized chip 1000pF/50V	CF73=1H102J (ECHUB5)
C325	254 4572 908	Electrolytic 10uF/16V	CE67C1C100M (MV-B)
C327,328	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K
C329	254 4464 951	Electrolytic 22uF/6.3V	CE67C0J220M (MV-B)
C330,331	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K
C332	254 4464 951	Electrolytic 22uF/6.3V	CE67C0J220M (MV-B)
C334	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K
C336	254 4464 906	Electrolytic 100uF/6.3V	CE67C0J101M
C337-340	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K
C341,342	254 4464 951	Electrolytic 22uF/6.3V	CE67C0J220M (MV-B)
C345,346	254 4464 951	Electrolytic 22uF/6.3V	CE67C0J220M (MV-B)
C347	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K
C348	254 4572 908	Electrolytic 10uF/16V	CE67C1C100M (MV-B)
C351	254 4464 906	Electrolytic 100uF/6.3V	CE67C0J101M
C352	254 4464 951	Electrolytic 22uF/6.3V	CE67C0J220M (MV-B)
C353	254 4464 906	Electrolytic 100uF/6.3V	CE67C0J101M
C354,355	257 3006 911	Metallized chip 0.1uF/16V	CF73=1C104J (ECHUB5)
C356	254 4464 951	Electrolytic 22uF/6.3V	CE67C0J220M (MV-B)
C501-504	254 4464 951	Electrolytic 22uF/6.3V	CE67C0J220M (MV-B)
C505-512	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K
C513,514	254 4464 906	Electrolytic 100uF/6.3V	CE67C0J101M
C517,518	254 4464 951	Electrolytic 22uF/6.3V	CE67C0J220M (MV-B)
C519,520	254 4464 906	Electrolytic 100uF/6.3V	CE67C0J101M
C522	254 4464 951	Electrolytic 22uF/6.3V	CE67C0J220M (MV-B)
C524	254 4464 951	Electrolytic 22uF/6.3V	CE67C0J220M (MV-B)
C526-533	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K
C535	257 0516 941	Ceramic chip 0.047uF/25V	CK73B1E473K
C536	257 0516 954	Ceramic chip 0.1uF/25V	CK73B1E104K

Ref. No.	Part No.	Part Name	Remarks
C537	257 0516 941	Ceramic chip 0.047uF/25V	CK73B1E473K
C538	254 4571 912	Electrolytic 1uF/50V	CE67C1H010M (MV-B)
C539	257 0516 941	Ceramic chip 0.047uF/25V	CK73B1E473K
C566	254 4571 912	Electrolytic 1uF/50V	CE67C1H010M (MV-B)
C567-571	257 0516 954	Ceramic chip 0.1uF/25V	CK73B1E104K
C635	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K
C655	257 0516 954	Ceramic chip 0.1uF/25V	CK73B1E104K
C656	254 4464 951	Electrolytic 22uF/6.3V	CE67C0J220M (MV-B)
C657-660	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K
C661	257 3006 953	Metallized chip 680pF/50V	CF73=1H681J (ECHUB5)
C662-665	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K
C666,667	257 0516 954	Ceramic chip 0.1uF/25V	CK73B1E104K
C668,669	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K
C670	254 4571 938	Electrolytic 0.47uF/50V	CE67C1HR47M (MV-B)
C671,672	254 4464 906	Electrolytic 100uF/6.3V	CE67C0J101M
C673,674	254 4464 951	Electrolytic 22uF/6.3V	CE67C0J220M (MV-B)
C679-682	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K
C684,685	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K for E2,E1,E1C,EUT
C686	254 4465 918	Electrolytic 47uF/16V	CE67C1C470M for E2,E1,E1C,EUT
C687,688	254 4464 906	Electrolytic 100uF/6.3V	CE67C0J101M
C689	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K for E2,E1,E1C,EUT
C690-692	257 0516 954	Ceramic chip 0.1uF/25V	CK73B1E104K for E2,E1,E1C,EUT
C693,694	254 4464 906	Electrolytic 100uF/6.3V	CE67C0J101M
C695	257 0516 954	Ceramic chip 0.1uF/25V	CK73B1E104K for E2,E1,E1C,EUT
C696	254 4571 938	Electrolytic 0.47uF/50V	CE67C1HR47M (MV-B) for E2,E1,E1C,EUT
C697	257 0516 954	Ceramic chip 0.1uF/25V	CK73B1E104K for E2,E1,E1C,EUT
C701,702	254 4464 951	Electrolytic 22uF/6.3V	CE67C0J220M (MV-B)
C705	254 4571 938	Electrolytic 0.47uF/50V	CE67C1HR47M (MV-B) for E2,E1,E1C,EUT
C706	257 0516 954	Ceramic chip 0.1uF/25V	CK73B1E104K for E2,E1,E1C,EUT
C707	254 4572 908	Electrolytic 10uF/16V	CE67C1C100M (MV-B) for E2,E1,E1C,EUT
C708	254 4571 912	Electrolytic 1uF/50V	CE67C1H010M (MV-B) for E2,E1,E1C,EUT
C711	257 0516 954	Ceramic chip 0.1uF/25V	CK73B1E104K for E2,E1,E1C,EUT
C712	254 4571 912	Electrolytic 1uF/50V	CE67C1H010M (MV-B) for E2,E1,E1C,EUT
C715	254 4571 938	Electrolytic 0.47uF/50V	CE67C1HR47M (MV-B) for E2,E1,E1C,EUT
C716	254 4571 912	Electrolytic 1uF/50V	CE67C1H010M (MV-B) for E2,E1,E1C,EUT

Ref. No.	Part No.	Part Name	Remarks
C725	254 4465 918	Electrolytic 47uF/16V	CE67C1C470M for E2,E1,E1C,EUT
C726	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K for E2,E1,E1C,EUT
C727	254 4571 938	Electrolytic 0.47uF/50V	CE67C1HR47M (MV-B) for E2,E1,E1C,EUT
C728	257 3006 911	Metallized chip 0.1uF/16V	CF73=1C104J (ECHUB5)
C731	257 4010 906	Electrolytic 100uF/16V	CE67C1C101M
C732	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K
C733,734	257 0503 941	Ceramic chip 12pF/50V	CC73CH1H120J
C735,736	257 0504 908	Ceramic chip 22pF/50V	CC73CH1H220J
C739,740	254 4464 906	Electrolytic 100uF/6.3V	CE67C0J101M
C741,742	257 0503 941	Ceramic chip 12pF/50V	CC73CH1H120J
C743	254 4571 909	Electrolytic 0.22uF/50V	CE67C1HR22M (MV-B)
C744	257 3011 948	Metallized chip 2200pF/50V	CF73=1H222J (ECHUB5)
C747	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K
C748	254 4571 925	Electrolytic 2.2uF/50V	CE67C1H2R2M (MV-B)
C752,753	254 4464 951	Electrolytic 22uF/6.3V	CE67C0J220M (MV-B)
C754,755	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K
C756	257 3006 911	Metallized chip 0.1uF/16V	CF73=1C104J (ECHUB5)
C760,761	257 3006 911	Metallized chip 0.1uF/16V	CF73=1C104J (ECHUB5)
C767	257 3006 911	Metallized chip 0.1uF/16V	CF73=1C104J (ECHUB5)
C768	254 4571 925	Electrolytic 2.2uF/50V	CE67C1H2R2M (MV-B)
C770	257 3014 987	Metallized chip 0.022uF/16V	CF73=1C223J (ECHUB5)
C774,775	257 3006 911	Metallized chip 0.1uF/16V	CF73=1C104J (ECHUB5)
C776	257 0503 941	Ceramic chip 12pF/50V	CC73CH1H120J
C777	257 3006 911	Metallized chip 0.1uF/16V	CF73=1C104J (ECHUB5)
C778	257 0504 908	Ceramic chip 22pF/50V	CC73CH1H220J
C780	257 0516 954	Ceramic chip 0.1uF/25V	CK73B1E104K
C781	257 4010 906	Electrolytic 100uF/16V	CE67C1C101M
C782-785	254 4464 951	Electrolytic 22uF/6.3V	CE67C0J220M (MV-B)
C791	254 4464 919	Electrolytic 470uF/6.3V	CE67C0J471M
C792	254 4464 906	Electrolytic 100uF/6.3V	CE67C0J101M

1U-3298G TUNER P.W.B. UNIT ASS'Y (AVR-5803 model only)

Ref. No.	Part No.	Part Name	Remarks	Q'ty
OTHER PARTS GROUP				
CW048	205 0885 082	4P connector socket (TUC-P)		1
CW056	205 0885 008	5P connector socket (TUC-P)		1
CW070	205 0942 022	7P connector socket (TUC-P)		1
CW080	205 0885 095	8P connector socket (TUC-P)		1
CW094	205 0885 037	9P connector socket (TUC-P)		1
CW109	205 0885 053	10P connector socket (TUC-P)		1
CW872	205 0942 022	7P connector socket (TUC-P)		1
CW944	205 0885 082	4P connector socket (TUC-P)		1
CX051	205 0884 009	5P connector base (TUC-P)		1
CX056	205 0884 009	5P connector base (TUC-P)		1
CX070	205 0943 021	7P connector base (TUC-P)		1
CX088	205 1229 003	8P FJ connector plug		1
CX090	205 0884 038	9P connector base (TUC-P)		1
CX094	205 0884 038	9P connector base (TUC-P)		1
CX106	205 0884 054	10P connector base (TUC-P)		1
CX109	205 0884 054	10P connector base (TUC-P)		1
CX872	205 0943 021	7P connector base (TUC-P)		1
CX944	205 0884 083	4P connector base (TUC-P)		1
CY062	205 0343 061	6P connector base (KR-PH)		1
CY131	205 0375 039	13P connector base (KR-PH)		1
CY871	205 0343 074	7P connector base (KR-PH)		1
FB601,602	235 0106 908	EMI filter (21A05)		2
FB606	235 0106 908	EMI filter (21A05)		1
FB608	235 0106 908	EMI filter (21A05)		1
JK501,502	204 8414 009	2P S-terminal (AU)		2
JK503,504	204 8415 008	3P S-terminal (AU)		2
JK505-507	205 0906 000	1P S-terminal (AU.SW)		3
L301	235 0150 909	Chip inductor 15uH	LQH32MN150J21L	1
L605	235 0150 954	Chip inductor 100uH	LQH32MN101J21L	1
L606	235 0150 925	Chip inductor 22uH	LQH32MN220J21L	1
L607,608	235 0150 954	Chip inductor 100uH	LQH32MN101J21L	2
L612	235 0150 938	Chip inductor 27uH	LQH32MN270J21L	1
L703,704	235 0150 938	Chip inductor 27uH	LQH32MN270J21L	2
X301	399 0153 006	Crystal 14.32MHz		1
X302	399 0105 009	Ceramic resonator	CSB503F2	1
X603	399 0809 004	Crystal 4.43MHz		1
X604	399 0802 001	Crystal 3.58MHz		1
X605	399 0810 006	Ceramic resonator	CSB503F30	1

Ref. No.	Part No.	Part Name	Remarks
SEMICONDUCTORS GROUP			
IC302	263 0439 007	IC LA3401	
IC303	263 0891 001	IC LA1265 (S)	
IC304	216 0102 008	Front end	
IC307	262 2450 900	IC LC72131M-TLM	
TR301,302	269 0066 902	Transistor DTC323TK	
TR303	269 0054 901	Transistor DTC144EK	
TR304	269 0086 908	Transistor DTA114TK	
TR305	273 0411 909	Transistor 2SC2996-Y	
TR308	269 0083 901	Transistor DTA114EK	
TR309	269 0114 906	Transistor RN2402	
TR313	269 0083 901	Transistor DTA114EK	
D301,302	276 0559 909	Diode DAP202K	
D306	276 0559 909	Diode DAP202K	
ZD305	276 0644 937	Zener diode MTZJ9.1A	
RESISTORS GROUP			
R309,310	247 2010 969	Carbon chip 22kohm 1/16W	RM73B--223J
R311,312	247 2008 968	Carbon chip 3.3kohm 1/16W	RM73B--332J
R313,314	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R315,316	247 2012 941	Carbon chip 120kohm 1/16W	RM73B--124J
R317	247 2009 925	Carbon chip 5.6kohm 1/16W	RM73B--562J
R318	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R319	247 2010 969	Carbon chip 22kohm 1/16W	RM73B--223J
R320	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R321	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R322	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R323	247 2011 971	Carbon chip 62kohm 1/16W	RM73B--623J
R324	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
R325	247 2008 968	Carbon chip 3.3kohm 1/16W	RM73B--332J
R326	247 2005 929	Carbon chip 120ohm 1/16W	RM73B--121J
R327	247 2008 942	Carbon chip 2.7kohm 1/16W	RM73B--272J
R328	247 2010 943	Carbon chip 18kohm 1/16W	RM73B--183J
R329	247 2008 968	Carbon chip 3.3kohm 1/16W	RM73B--332J
R330,331	247 2009 983	Carbon chip 10kohm 1/16W	RM73B--103J
R332	247 2009 941	Carbon chip 6.8kohm 1/16W	RM73B--682J
R333	247 2009 925	Carbon chip 5.6kohm 1/16W	RM73B--562J
R334	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R335	247 2011 984	Carbon chip 68kohm 1/16W	RM73B--683J
R336	247 2010 927	Carbon chip 15kohm 1/16W	RM73B--153J
R337	247 2006 902	Carbon chip 330ohm 1/16W	RM73B--331J
R338	247 2007 969	Carbon chip 1.2kohm 1/16W	RM73B--122J
R339	247 2009 909	Carbon chip 4.7kohm 1/16W	RM73B--472J
R340	247 2006 960	Carbon chip 470ohm 1/16W	RM73B--471J
R342	247 2005 987	Carbon chip 220ohm 1/16W	RM73B--221J
R343	247 2005 903	Carbon chip 100ohm 1/16W	RM73B--101J
R344,345	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
R346	247 2009 925	Carbon chip 5.6kohm 1/16W	RM73B--562J
R347,348	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K

Ref. No.	Part No.	Part Name	Remarks
R349	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
R350	247 2012 925	Carbon chip 100kohm 1/16W	RM73B--104J
R351	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
R358	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R365-373	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R376	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
R379	247 2002 964	Carbon chip 10ohm 1/16W	RM73B--100J
R382	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R383	247 2002 964	Carbon chip 10ohm 1/16W	RM73B--100J
R397,398	247 2018 903	Carbon chip 0ohm 1/16W	RM73B--0R0K
R399	247 2007 943	Carbon chip 1kohm 1/16W	RM73B--102J
VR301	211 6132 925	Semi fixed resistor 10ohm	V06PB103
VR302	211 6132 983	Semi fixed resistor 100ohm	V06PB104
CAPACITORS GROUP			
C309,310	254 4306 925	Electrolytic 10uF/50V	CE04W1H100M (SRE)
C311,312	257 0508 962	Ceramic chip 750pF/50V	CC73CH1H751J
C314	257 0511 904	Ceramic chip 0.01uF/50V	CK73F1H103Z
C315	254 4524 943	Electrolytic 1uF/50V	CE04W1H010M (SMG/RE3)
C316	257 0509 929	Ceramic chip 1000pF/50V	CK73B1H102K
C317	254 4305 984	Electrolytic 2.2uF/50V	CE04W1H2R2M (SRE)
C318	254 4524 943	Electrolytic 1uF/50V	CE04W1H010M (SMG/RE3)
C319	254 4524 914	Electrolytic 0.22uF/50V	CE04W1HR22M (SMG/RE3)
C320	254 4538 913	Electrolytic 22uF/16V	CE04W1C220M (SMG/RE3)
C321	256 1058 942	Metallized 0.056uF/50V	CF93A1H563J (JL)
C322	254 4538 939	Electrolytic 47uF/16V	CE04W1C470M (SMG/RE3)
C323	254 4524 943	Electrolytic 1uF/50V	CE04W1H010M (SMG/RE3)
C325	254 3053 910	Electrolytic 22uF/16V	CE04D1C220MBP
C328,329	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K
C330	257 0010 942	Ceramic chip 0.022uF/50V	CK73B1H223K
C331	256 1058 939	Metallized 0.047uF/50V	CF93A1H473J (JL)
C332	254 4524 985	Electrolytic 10uF/50V	CE04W1H100M (SMG/RE3)
C333	254 4524 943	Electrolytic 1uF/50V	CE04W1H010M (SMG/RE3)
C334	254 4524 930	Electrolytic 0.47uF/50V	CE04W1HR47M (SMG/RE3)
C335-337	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K
C338	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101J
C339	257 0010 942	Ceramic chip 0.022uF/50V	CK73B1H223K
C340,341	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K
C343	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K
C347	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K
C348	257 0503 941	Ceramic chip 12pF/50V	CC73CH1H120J
C349	254 4524 985	Electrolytic 10uF/50V	CE04W1H100M (SMG/RE3)
C350	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K
C351,352	257 0010 984	Ceramic chip 0.047uF/50V	CK73B1H473K
C363	254 4538 913	Electrolytic 22uF/16V	CE04W1C220M (SMG/RE3)
C366	257 0011 996	Ceramic chip 0.1uF/25V	CK73B1E104K
C369,370	257 0509 929	Ceramic chip 1000pF/50V	CK73B1H102K
C387	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K
C388	254 4538 939	Electrolytic 47uF/16V	CE04W1C470M (SMG/RE3)

Ref. No.	Part No.	Part Name	Remarks
C390	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K
C391	254 4524 943	Electrolytic 1uF/50V	CE04W1H010M (SMG/RE3)
C392	257 0501 901	Ceramic chip 0.01uF/50V	CK73B1H103K
C393	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101J
C394,395	257 0503 967	Ceramic chip 15pF/50V	CC73CH1H150J
C396	254 4524 943	Electrolytic 1uF/50V	CE04W1H010M (SMG/RE3)
C397	257 0511 904	Ceramic chip 0.01uF/50V	CK73F1H103Z
C398	257 0506 951	Ceramic chip 100pF/50V	CC73CH1H101J
C400	257 0509 929	Ceramic chip 1000pF/50V	CK73B1H102K

OTHER PARTS GROUP				Q'ty
CF301	261 0079 005	Ceramic resonator CSB456F11		1
CF302	261 0031 001	Ceramic filter BFU450C4		1
CF303	261 0136 906	Ceramic filter MS2G		1
CF304	261 0135 907	Ceramic filter MA8		1
CF305	261 0116 007	Ceramic filter SFU450B3		1
CY031	205 0343 032	3P connector base (KR-PH)		1
CY111	205 0375 013	11P connector base (KR-PH)		1
JK301	205 0603 015	3P antenna terminal		1
L301	235 0060 905	Inductor 2.2uH		1
L302	235 0060 950	Inductor 10uH		1
LF306	232 9010 009	Antibirdie filter		1
T302	231 2085 009	FM DET trans.		1
T304	231 1138 009	AM IFT		1
T305	231 2096 001	MW ant.-osc. coil		1
XL301	399 0075 003	Crystal 7.2MHz		1

EXPLODED VIEW

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

Europe & Asia model

AVR-5803 only

U.S.A., Canada & Taiwan R.O.C. model

PARTS LIST OF EXPLODED VIEW

Note: The symbol in the column "Remarks" indicate the following destinations.
EU: U.S.A. model (AVR-5803) E1: Asia model
EC: Canada model (AVR-5803) E1C: China model
E2: Europe model EUT: Taiwan R.O.C. model

Ref. No.	Part No.	Part Name	Remarks	Q'ty
1	1U-3425	Digital unit Ass'y	for EU,EC	1
1	1U-3425A	Digital unit Ass'y	for E2,E1,E1C,EUT	1
2	1U-3426	DSP unit Ass'y		1
3	1U-3292G	Front unit Ass'y	for EU,EC	1
3	1U-3292H	Front unit Ass'y	for E2,E1,E1C	1
3	1U-3292M	Front unit Ass'y	for EUT	1
3-1		FLD unit		
3-2		Remocon unit		
3-3		Tact switch unit		
3-4		Master volume unit		
3-5		H/P unit		
3-6		Power switch unit	for E2,E1,E1C,EUT	
3-8		Non lock switch unit	for EU,EC	
3-9		AC outlet unit	for EU,EC,EUT	
3-11		Multi out unit		
4	1U-3460	Reg. & SP unit Ass'y	for EU,EC	1
	(1U-3294G)			
4	1U-3460A	Reg. & SP unit Ass'y	for E2,E1,E1C,EUT	1
4-1		SP unit-1		
4-2		SP unit-2		
4-4		Rectifier unit		
4-5		Reg. drive unit		
4-7		Diode unit		
5	1U-3404	Pre reg. unit Ass'y	for EU,EC	1
5	1U-3404A	Pre reg. unit Ass'y	for E2,E1	1
5	1U-3404F	Pre reg. unit Ass'y	for E1C	1
5	1U-3404E	Pre reg. unit Ass'y	for EUT	1
5-1		Primary unit		
5-2		FLAC unit		
5-3		Reg. conn. unit		
5-4		M5V unit		
5-5		Pre reg. unit		
5-6		Pre fuse unit		
5-7		IC509 unit		
5-8		D508 unit		
5-9		D509 unit		
5-10		D510 unit		
5-11		D511 unit		
5-12		D512 unit		
5-13		D513 unit		
5-14		D514 unit		
5-15		D515 unit		
5-16		D516 unit		
5-21		IC501 unit		
5-22		IC502 unit		
5-24		IC201 unit		
6	1U-3296G	Power amp. unit Ass'y	for EU,EC	1
6	1U-3296H	Power amp. unit Ass'y	for E2,E1,E1C,EUT	1
6-1		Power amp. L unit		
6-2		Power amp. R unit		
6-3		TR113 unit		
6-4		TR213 unit		
6-5		TR313 unit		
6-7		TR114 unit		
6-8		TR214 unit		
6-9		TR314 unit		
6-10		TR414 unit		
7	1U-3298G	Tuner unit Ass'y	for EU,EC	1
8	1U-3436	Ext. in vol. unit Ass'y	for EU,EC	1
8	1U-3436A	Ext. in vol. unit Ass'y	for E2,E1,E1C,EUT	1
9	1U-3437	Audio & video in unit Ass'y	for EU,EC	1
9	1U-3437A	Audio & video in unit Ass'y	for E2,E1,E1C,EUT	1
9-1		V. conn. -1 unit		
9-2		V. conn. -2 unit		
9-3		V. conn. -3 unit		
9-4		C. video unit		
9-5		232C unit		
9-7		Comp. RGB unit		
9-8		Audio in unit		
9-9		Amp. conn. L unit		
9-10		Amp. conn. R unit		
10	1U-3444	Video convert unit Ass'y	for EU,EC	1
10	1U-3444A	Video convert unit Ass'y	for E2,E1,E1C,EUT	1
10-1		Convert unit Ass'y		
10-2		Y/C sep. unit		
10-3		S. video unit		
11	411 1939 105	Front chassis	for EU,EC	1
11	411 1939 118	Front chassis	for E2,E1,E1C,EUT	1
12	412 4473 108	Headphone bracket		1
★ 13	203 6385 056	4P KR-KR ribbon 150	CY041	1
14	441 1793 009	Snap plate		1
★ 15	204 2543 057	7P KR-KR ribbon 150	CN072	1
16	411 1938 203	Side chassis	for EU,EC	2
16	411 1938 216	Side chassis	for E2,E1,E1C,EUT	2
17	105 1344 222	Back plate	for EU,EC	1
17	105 1344 235	Back plate	for E2,E1,E1C,EUT	1
18	105 1342 279	Back panel (EU)	for EU,EC	1
18	105 1342 295	Back panel (E2/E1)	for E2,E1	1
18	105 1406 005	Back panel (E1C)	for E1C	1
18	105 1406 018	Back panel (EUT)	for EUT	1
19	205 1116 006	Terminal Ass'y		1
⚠ 20	233 6408 002	Sub trans (583E3)	for EU,EC,EUT	1
⚠ 20	233 6411 002	Sub trans (A1SRE1E2)	for E2,E1	1
⚠ 20	233 6414 009	Sub trans (A1SRE1C)	for E1C	1
⚠ 21	203 3970 008	AC inlet		1
★ 22	203 2417 009	2P VA-VA connector cord	CN025, for EU,EC,EUT	1
★ 23	445 8004 007	Wire clamper		24
24	414 0900 202	Shield cover (A)	for EU,EC	1
24	414 0900 215	Shield cover (A)	for E2,E1,E1C,EUT	1
25	414 0901 201	Shield plate (AV)		1
26	412 2741 007	P.W.B. holder (H=8)		4
27	412 2741 036	P.W.B. holder (H=10)		3
28	412 4127 001	P.W.B. bracket (B)	for EU,EC	1
28	412 4127 014	P.W.B. bracket (B)	for E2,E1,E1C,EUT	1
29	412 2814 002	Card spacer (L=8)		2
30	449 0133 017	P.W.B. holder	for EU,EC	1
31	449 0114 010	Edging (CE-016)		3

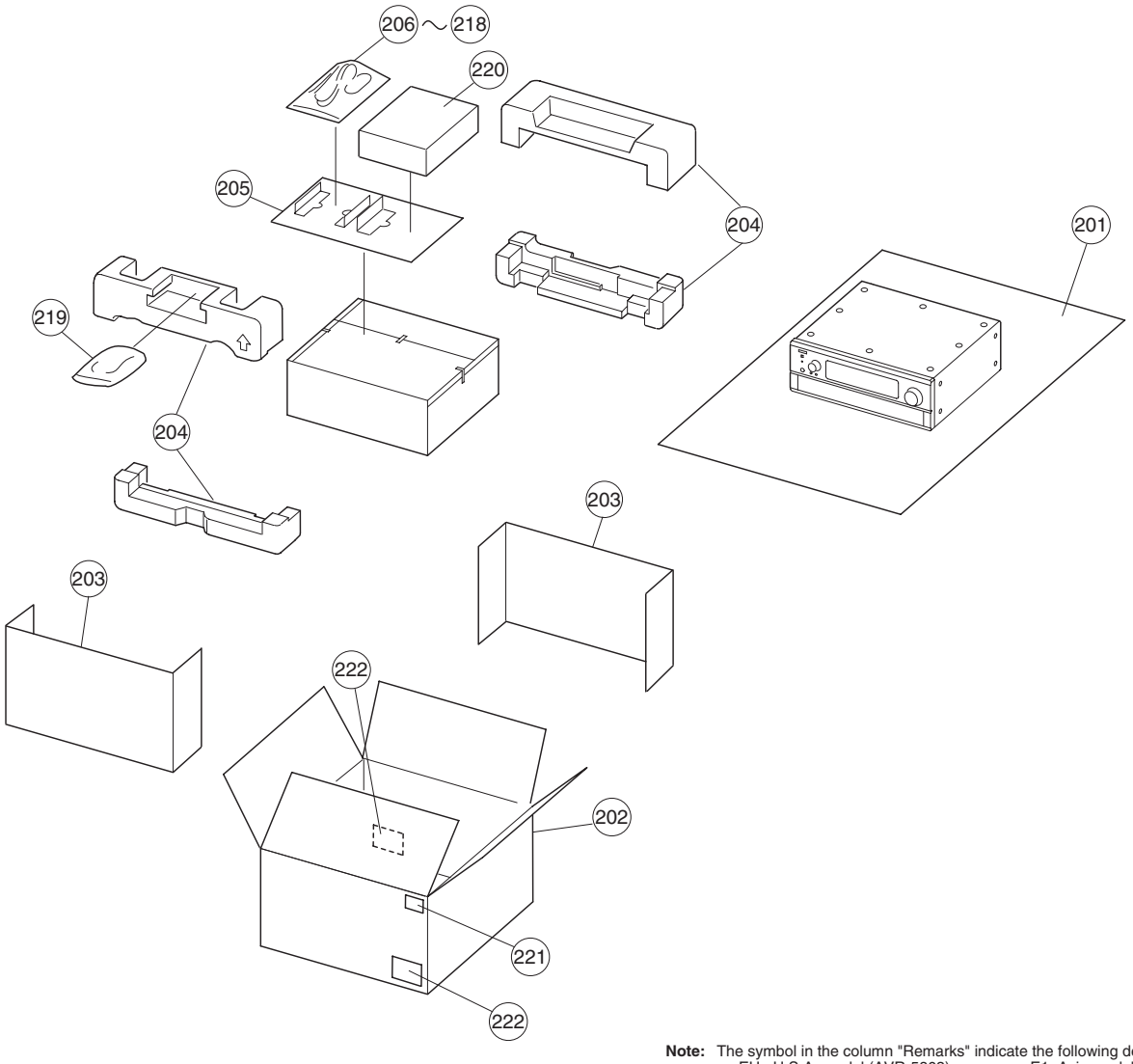
Ref. No.	Part No.	Part Name	Remarks	Q'ty
32	412 2741 052	P.W.B. holder (H=22)		2
33	449 0080 076	Edging (CE-012S)		2
34	449 0096 086	Edging	for EU,EC	1
35	412 4607 107	Trans plate	for EU,EC	1
35	412 4607 110	Trans plate	for E2,E1,E1C,EUT	1
36	412 2741 010	P.W.B. holder (H=6)		9
37	414 0905 003	Shield plate (T)		1
38	254 6219 007	Electrolytic 33000uF/71V	C503,504	2
★ 39	203 5238 007	3C cord Ass'y	L=320	2
★ 40	203 5238 010	3C cord Ass'y	L=450	2
41	414 0905 016	Shield plate (T)		1
★ 42	204 2928 009	9P PH-PH connector cord	CN095	1
★ 43	204 6356 062	13P KR-KR ribbon 175	CN136	1
★ 44	204 6613 019	12P PH-PH connector cord	CN127	1
★ 45	203 5094 076	3P PH-PH connector cord	CN032	1
★ 46	203 5283 007	3P PH-PH connector cord	CN034	1
47	412 4695 106	Trans support		1
48	414 0906 109	Shield plate (F)		1
49	412 2814 044	Card spacer (L=6)		11
★ 50	204 6657 004	15P PH-PH connector cord	CN154	1
★ 51	204 6730 002	14P PH-PH connector cord	CN142	1
★ 52	204 6731 001	12P PH-PH connector cord	CN122	1
★ 53	203 6585 005	4P PH-PH connector cord	CN043	1
★ 54	204 2929 008	10P PH-PH connector cord	CN104	1
★ 55	204 6353 049	12P KR-KR ribbon 125	CN126	1
56	414 0899 106	Shield plate (DSP)		1
★ 57	204 2552 006	10P KR-KR ribbon 70	CN108	1
★ 58	204 2870 005	10P PH-PH connector cord	CN105	1
★ 59	204 6652 009	11P PH-PH connector cord	CN112	1
60	105 1377 008	Bottom cover	for EU,EC	1
60	105 1377 011	Bottom cover	for E2,E1,E1C,EUT	1
61	513 8266 009	Dangerous mark	for EU,EC	2
62	146 2088 119	Foot Ass'y		4
63	417 0627 005	Radiator	for EU,EC	1
63	417 0627 018	Radiator	for E2,E1,E1C,EUT	1
64	273 0457 002	Transistor 2SC5099 (O/P/Y)	TR603,607	2
65	271 0298 003	Transistor 2SA1907 (O/P/Y) (LF)	TR602,606,604	3
66	412 4608 229	Radiator bracket (L)	for EU,EC	1
66	412 4608 232	Radiator bracket (L)	for E2,E1,E1C,EUT	1
67	412 4609 228	Radiator bracket (R)	for EU,EC	1
67	412 4609 231	Radiator bracket (R)	for E2,E1,E1C,EUT	1
★ 68	414 0904 208	Earth plate (TU)	for EU,EC	1
★ 69	204 0378 088	6P KR-KR ribbon 225	CN067	1
70	415 9044 007	Insulating sheet		1
71	271 0220 000	Transistor 2SA1493 (O/Y)	TR605	1
★ 72	415 0655 039	UL tube (12.7) BK		2
73	417 0594 206	Radiator	for EU,EC	4
73	417 0594 219	Radiator	for E2,E1,E1C,EUT	4
74	412 4702 002	Radiator support	for EU,EC	2
74	412 4702 015	Radiator support	for E2,E1,E1C,EUT	2
75	417 0595 108	CU plate		2
76	271 0296 005	Transistor MP1715		7
77	273 0452 007	Transistor MN1715		7
77-1	–	Mica sheet	Accessories for transistor	14

Ref. No.	Part No.	Part Name	Remarks	Q'ty
78	412 4610 107	Radiator bracket (A)	for EU,EC	2
78	412 4610 110	Radiator bracket (A)	for E2,E1,E1C,EUT	2
79	412 4611 106	Radiator bracket (B)	for EU,EC	2
79	412 4611 119	Radiator bracket (B)	for E2,E1,E1C,EUT	2
80	412 4248 003	P.W.B. bracket (D)		2
⚠ 81	233 6409 001	Main trans (583E3)	for EU,EC,EUT	1
⚠ 81	233 6412 001	Main trans (A1SRE1E2)	for E2,E1	1
⚠ 81	233 6415 008	Main trans (A1SRE1C)	for E1C	1
82	513 3333 005	Label (trans)		1
83	414 0902 006	Shield cover (B)	for EU,EC	1
83	414 0902 019	Shield cover (B)	for E2,E1,E1C,EUT	1
84	412 4697 007	Fan bracket (L)	for EU,EC	1
84	412 4697 010	Fan bracket (L)	for E2,E1,E1C,EUT	1
85	412 4698 006	Fan bracket (R)	for EU,EC	1
85	412 4698 019	Fan bracket (R)	for E2,E1,E1C,EUT	1
86	421 0749 005	Fan (80x80) 24V		2
87	414 0908 000	Fan plate	for EU,EC	2
87	414 0908 013	Fan plate	for E2,E1,E1C,EUT	2
88	461 0413 009	Rubber sheet	130x6x6	1
89	144 2711 341	Front panel Ass'y	for EU,EC	1
89	144 2711 338	Front panel Ass'y	Black model for E2	1
89	144 2711 325	Front panel Ass'y	Gold model for E2,E1,E1C,EUT	1
90	341 0051 002	Clamp magnet		1
91	421 0763 007	Gear damper		1
92	144 2718 001	Inner panel Ass'y	Black model	1
92	144 2718 014	Inner panel Ass'y	Gold model	1
93	412 4617 207	Inner bracket		1
94	144 2714 131	Door	for EU,EC	1
94	144 2714 160	Door	Black model for E2	1
94	144 2714 157	Door	Gold model for E2,E1,E1C,EUT	1
95	401 0188 206	Hinge (L)	Black model	1
95	401 0188 219	Hinge (L)	Gold model	1
96	401 0189 205	Hinge (R)	Black model	1
96	401 0189 218	Hinge (R)	Gold model	1
97	441 1929 200	Catch plate		1
98	146 2194 100	FLD frame Ass'y	Black model	1
98	146 2194 113	FLD frame Ass'y	Gold model	1
99	412 4177 006	Volume bracket		1
100	009 0191 000	29P FFC cable		1
101	415 0849 007	Safety sheet (A)		1
102	415 0850 009	Safety sheet (B)		1
103	112 0828 019	Knob Ass'y (M)	Black model	1
103	112 0828 006	Knob Ass'y (M)	Gold model	1
104	113 1792 105	Power knob Ass'y	Black model	1
104	113 1792 118	Power knob Ass'y	Gold model	1
105	112 0773 106	Knob Ass'y (F)	Black model	1
105	112 0773 119	Knob Ass'y (F)	Gold model	1
106	112 0787 037	Knob (MARU) Ass'y	Black model	2
106	112 0787 024	Knob (MARU) Ass'y	Gold model	2
107	461 0501 005	Rubber sheet		5
108	144 2716 100	Side cover	Black model	2
108	144 2716 113	Side cover	Gold model	2
109	412 4620 003	Screw bracket	for EU,EC	2
109	412 4620 016	Screw bracket	for E2,E1,E1C,EUT	2

Ref. No.	Part No.	Part Name	Remarks	Q'ty
110	102 0632 101	Top cover	Black model	1
110	102 0632 114	Top cover	Gold model	1
111	513 1581 011	Serial no. sheet	for EU,EC,E2,E1,E1C	1
111	513 2481 000	Serial no. sheet (T)	for EUT	1
112	GEN 5251 H1	License label Ass'y		1
★ 113	203 5094 063	3P PH-PH connector cord	CN111, for EU,EC	1
⚠ 114	203 3981 000	AC outlet (E2)	for E2,E1	1
115	412 2404 043	P.W.B holder (WLS-13)		3
116	417 0628 004	CU plate		1
117	445 0048 016	Cord holder (L=50)		17
118	461 0330 001	Rubber cushion	28x10x1	1
119	461 9036 005	Spacer		2
120	477 0231 024	4W (S)		1
121	461 0334 007	Rubber sheet	130x8x4	1
122	461 0315 068	Cushion sheet	50x5x1	4
123	461 0607 022	Rubber sheet	20x20x12	1
★ 124	342 0030 000	Ferrite core	for E2,E1,E1C,EUT	1
★ 125	415 0845 001	SP rivet	for E2,E1C	18
★ 126	001 0224 009	Vinyl wire	L=60, INLET WHT	1
★ 127	001 0224 012	Vinyl wire	L=60, INLET YEW	1
★ 128	204 0560 003	6P PH-PH connector cord	CN064	1
★ 129	203 2416 000	2P VA-VA connector cord	CN027	1
★ 130	203 5281 012	3P EH-EH connector cord	CN930	1
★ 131	204 6356 088	13P KR-KR ribbon 225	CN131	1
★ 132	204 2925 002	7P PH-PH connector cord	CN871	1
★ 133	204 0559 001	6P PH-SMP connector cord	CN062	1
★ 134	204 6739 003	11P PH-PH connector cord	CN111, for EU,EC	1
★ 135	204 0379 032	6P KR-KR ribbon 350	CN061	1
★ 136	204 2543 060	7P KR-KR ribbon 175	CN073	1
★ 137	203 5282 008	3P PH-PH connector cord	CN030	1
★ 139	204 0561 002	6P PH-SMR connector cord	CN062	1
★ 140	204 6729 000	14P PH-PH connector cord	CN143	1
★ 141	204 2544 027	7P KR-KR ribbon 325	CN075	1
★ 142	203 6584 019	4P PH-PH connector cord	CN045	1
★ 143	342 0032 024	Ferrite clamp (RFC-9)	for EU,EC	3
★ 143	342 0032 024	Ferrite clamp (RFC-9)	for E2,E1,E1C,EUT	2
★ 144	204 2927 000	8P PH-PH connector cord	CN982	1
★ 145	203 6584 006	4P PH-PH connector cord	CN046	1
★ 146	203 8342 039	5P KR-KR ribbon 350	CN053	1
★ 147	203 0457 003	1P contact Ass'y		1
149	445 0048 003	Cord holder (L=76)		3
180	513 3801 003	IC caution label (A)	for EU,EC	1
181	513 3802 002	IC caution label (B)	for EU,EC	1
182	513 3803 001	Fuse caution label (A)	for EU,EC	1
183	513 3804 000	Fuse caution label (B)	for EU,EC	1
184	415 0888 000	Insulating sheet		1
★ 185	113 1945 004	RJ45 dust cover		1
★ 186	513 2482 009	Caution label (T)	for EUT	1
★ 187	513 3497 022	KOLIN rating label	for EUT	1

Ref. No.	Part No.	Part Name	Remarks	Q'ty
SCREWS				
★ 151	470 0009 022	Screw 3x6 CPS (SW.W) ZNP		35
152	471 9043 011	Special screw	Black model	16
152	471 9043 024	Special screw	Gold model	16
153	473 7002 018	Screw 3x8 CBTS (S)-Z		48
154	473 7003 004	Screw 3x8 CFTS (S)-Z		18
155	473 7003 017	Screw 3x8 CFTS (S)-B		2
156	473 7005 002	Screw 3x10 CBTS (S)-Z		17
157	473 7007 000	Screw 4x8 CBTS (S)-B		10
158	473 7015 005	Screw 3x6 CBTS (S)-B		39
159	473 7015 018	Screw 3x8 CBTS (S)-B		16
160	473 7500 015	Screw 3x8 CBTS (P)-Z		31
161	473 7505 007	Screw 2.6x8 CBTS (P)-Z		7
162	473 8007 025	Cup screw 3x8		8
163	473 8007 038	Cup screw 3x14		28
164	477 0064 107	Fixing screw	for EU,EC	61
164	477 0064 107	Fixing screw	for E2,E1,E1C	58
164	477 0064 107	Fixing screw	for EUT	60
165	477 0262 019	Special screw		3
166	–	9 nut		4
★ 167	477 0153 005	Screw 3x10 CPS SW W		6
168	473 7004 016	Screw 4x6 CBTS (S)-Z		12
169	473 8034 098	Screw 3x10 CBTS (B)-B		15
170	477 0153 018	Screw 3x16 CPTS(B) SW W		7

PACKING VIEW



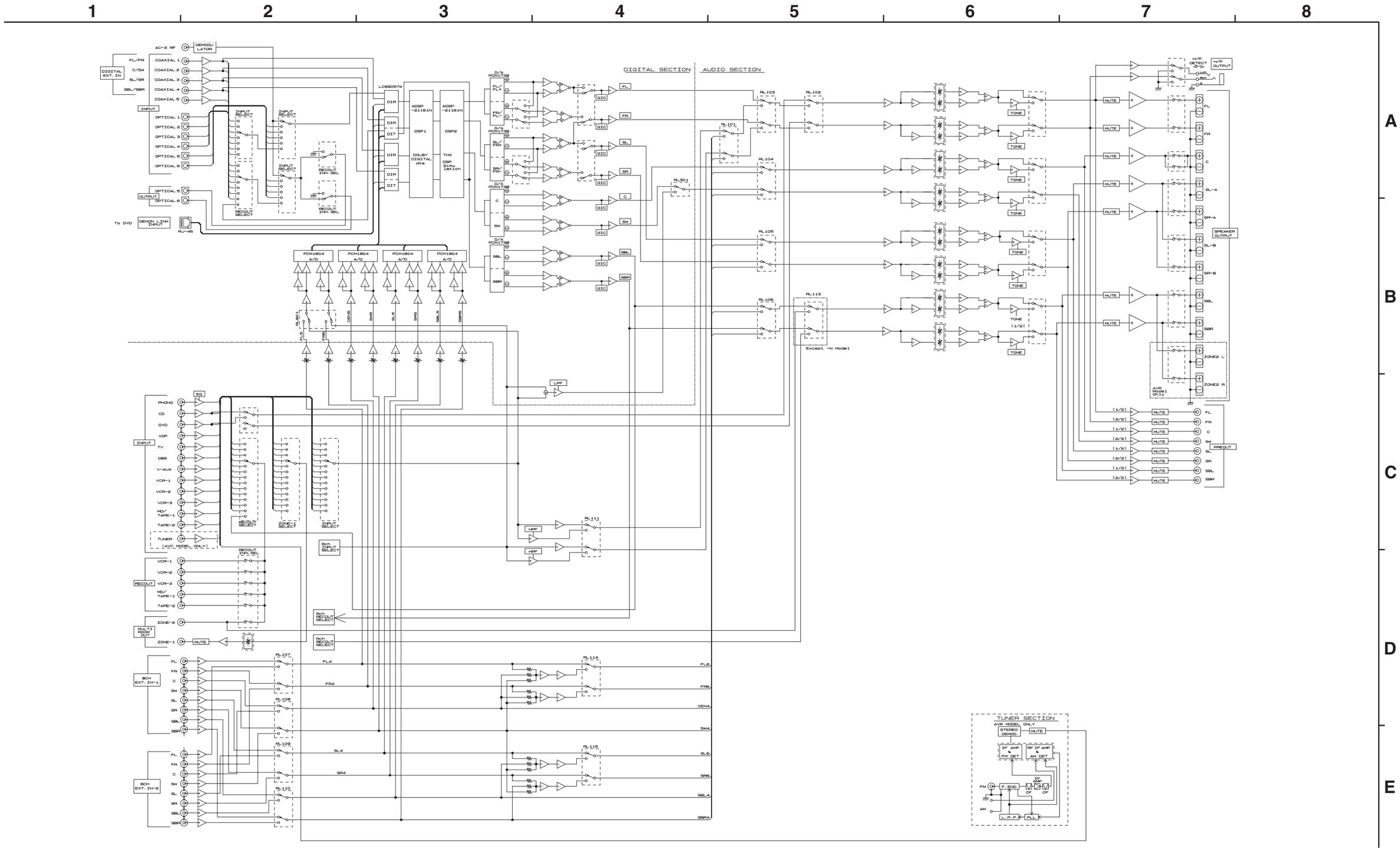
Note: The symbol in the column "Remarks" indicate the following destinations.
EU: U.S.A. model (AVR-5803) E1: Asia model
EC: Canada model (AVR-5803) E1C: China model
E2: Europe model EUT: Taiwan R.O.C. model

PARTS LIST OF PACKING & ACCESSORIES

Ref. No.	Part No.	Part Name	Remarks	Q'ty
201	504 0192 106	Cabinet sheet		1
202	501 2102 014	Carton case	for EU,EC	1
202	501 2102 030	Carton case	for E2,E1,E1C,EUT	1
203	501 1950 157	Spacer		2
204	503 1361 108	Cushion Ass'y		1
205	501 2098 005	Pad		1
206	505 8006 019	Envelope		1
207	511 3874 005	Instruction manual (EU)	for EU,EC	1
207	511 3910 008	Instruction manual (E2)	for E2	1
207	511 3901 004	Instruction manual (E1)	for E1,E1C,EUT	1
208	511 3887 005	Instruction manual (EC)	for EC	1
209	511 3672 003	Instruction manual (RC-8000)	for EU,EC	1
209	511 3728 009	Instruction manual (RC-871)	for E2	1
209A	511 3808 000	Instruction sheet (RC-8000)	for EU,EC	1
209A	511 3811 000	Instruction sheet (RC-871)	for E2	1
209A	511 3810 001	Instruction sheet (RC-871)	for E1,E1C,EUT	1
210	511 3687 001	Instruction manual (RC-8001ST)	for EU,EC	1
211	515 0921 005	S.S. list (EX)		1

Ref. No.	Part No.	Part Name	Remarks	Q'ty
212	515 0817 009	DEL warranty home	for EU	1
⚠ 213	206 2157 009	AC cord	for EU,EC,EUT	1
⚠ 213	206 2210 001	AC cord	for E2,E1	1
⚠ 213	206 2189 006	AC cord	for E1C	1
⚠ 214	206 2209 009	AC cord (BS3P)	for E1	1
215	231 0922 009	Loop antenna	for EU,EC	1
216	395 0019 009	FM antenna Ass'y	for EU,EC	1
217	529 0079 008	FM ant. adapter	for EU,EC	1
218	–	Battery (LR6/AA)		2
219	399 0623 109	Remocon RC-8000	for EU,EC	1
219	399 0623 112	Remocon RC-871	for E2,E1,E1C,EUT	1
220	399 0652 015	Charger base station RC-8001ST	for EU,EC	1
221	–	Bar code label	for EU,EC,E2	1
222	–	Control card		1
★ 223	515 0627 105	DCI warranty home	for EC	1
★ 224	513 9111 001	Color label (gold)	Gold model	2
★ 225	513 3518 066	Carton label (C)	for E1C	1
★ 226	513 3549 064	Carton label (T)	for EUT	1

BLOCK DIAGRAMS (1/2)



BLOCK DIAGRAMS (2/2)

1 2 3 4 5 6 7 8

A B C D E

VIDEO SECTION

COMPONENT VIDEO SECTION

COMPONENT(D4) VIDEO

AVCA1SR-N ONLY

COMPONENT VIDEO

EXCEPT AVCA1SR-N

VIDEO CONVERT SECTION

Except AVR5-N Model

TA8772AN

TB1270BF CHROMA DECODE

DELAY

TC90A69F

PAL

CVBS

OSD

Sync. DET.

MC4053

Y/C MIX

MONITOR 1

MONITOR 2 /ZONE 2

OUT

S VIDEO SECTION

C VIDEO SECTION

POWER SUPPLY SECTION

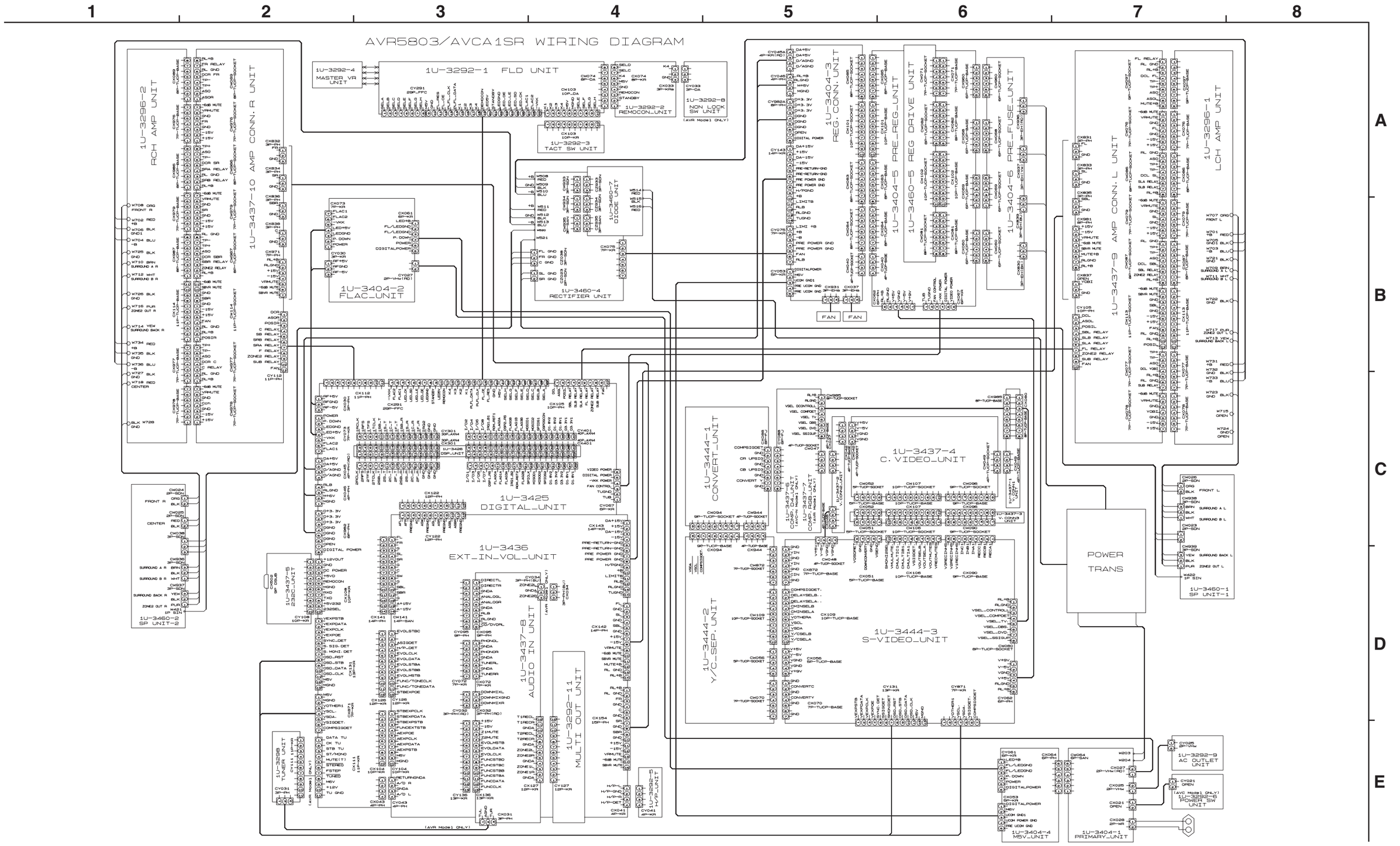
POWER TRANS

AC OUTLET

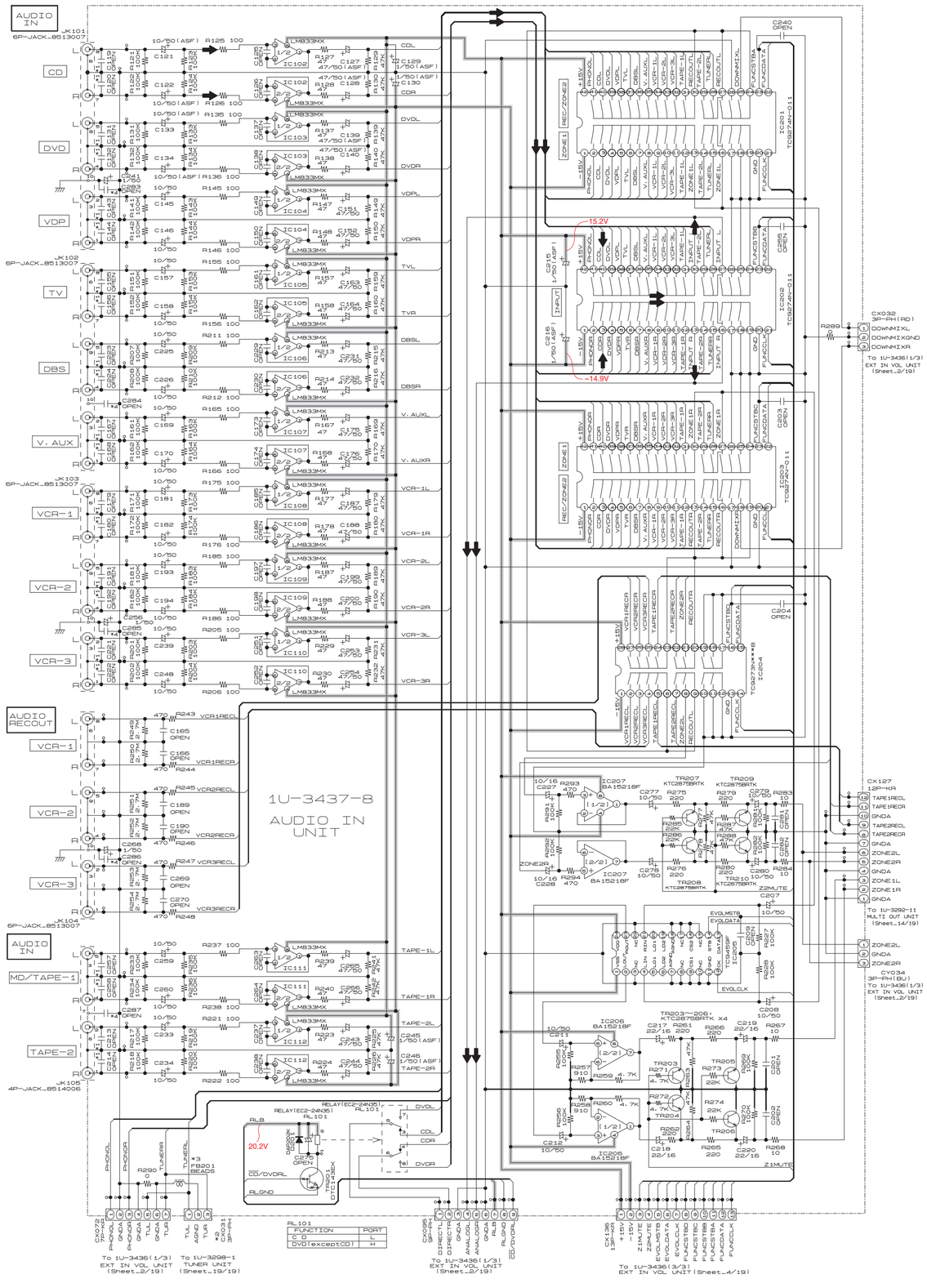
SUB TRANS

MINI TRANS

WIRING DIAGRAM



SCHEMATIC DIAGRAMS (1/19)



	*USA CANADA	EUROPE ASIA CHINA TAIWAN
*1 C119 C120 C131 C132 C143 C144 C156 C157 C167 C168 C179 C180 C191 C192 C213 C214 C225 C226 C237 C238 C249 C250 C261 C262 C273 C274 C285 C286	OPEN	100P
*2 CX031	3P-PH	OPEN
*3 FB201	BEADS	OPEN
*4 C283 ~ C287	OPEN	0

± B LINE
SIGNAL LINE

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

WARNING:

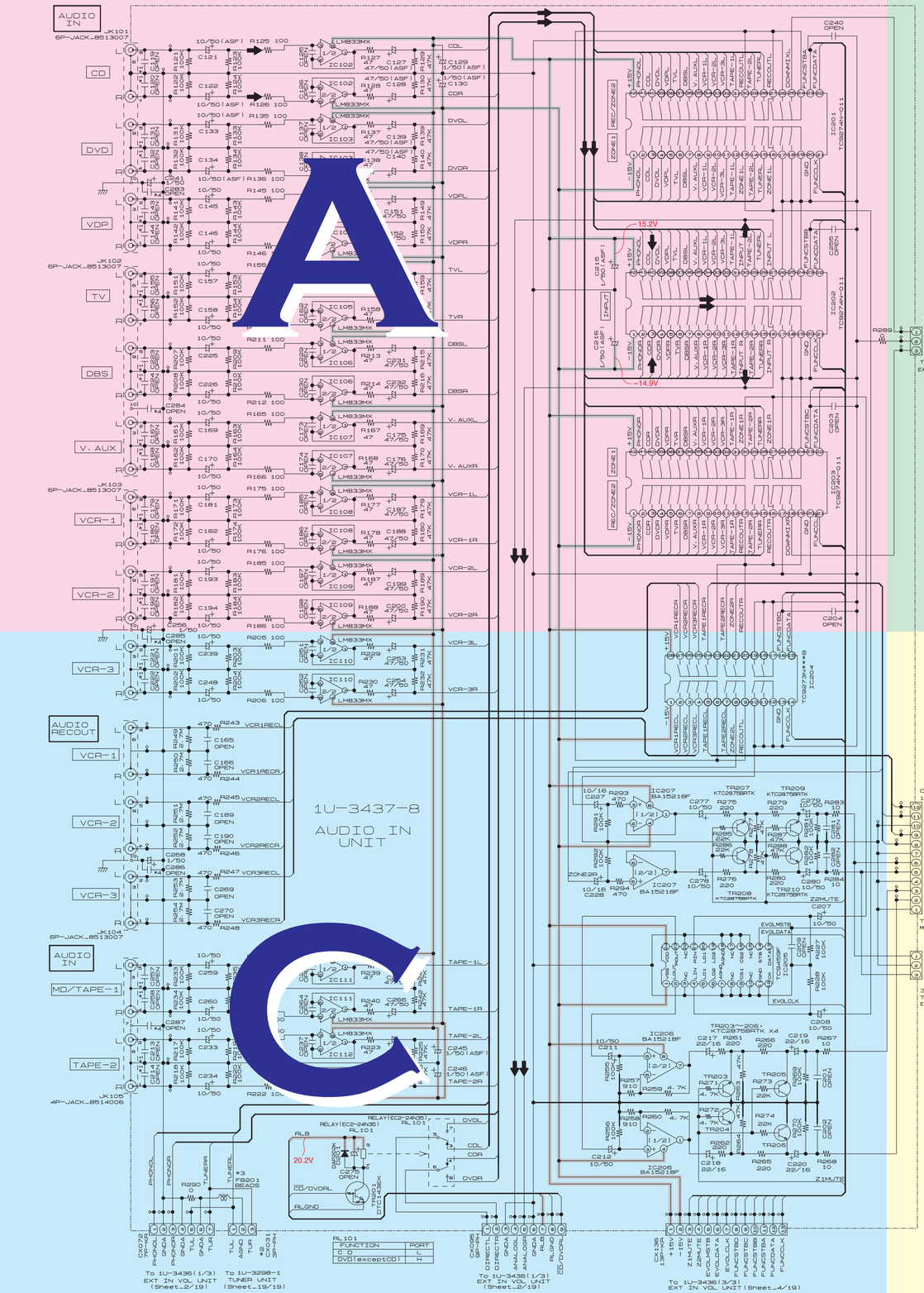
DO NOT return the unit to the customer until the problem is located and corrected.

SCHEMATIC DIAGRAMS (1/19)

1U-3437-8 AUDIO IN UNIT
1U-3437-9 AMP CONN. L UNIT
1U-3437-10 AMP CONN. R UNIT

Sheet (1/19)

SCHEMATIC DIAGRAMS (1/19)



	*USA CANADA	EUROPE ASIA CHINA TAIWAN
*1 C119 C120 C131 C132 C142 C143 C144 C156 C157 C158 C167 C168 C179 C180 C191 C192 C213 C214 C224 C225 C233 C234 C257 C258	OPEN	100P
*2 CX031	3P-PH	OPEN
*3 FB201	BEADS	OPEN
*4 C283) C287	OPEN	0

NOTICE
ALL RESISTANCE VALUES IN OHM. k=1,000 OHM M=1,000,000 OHM
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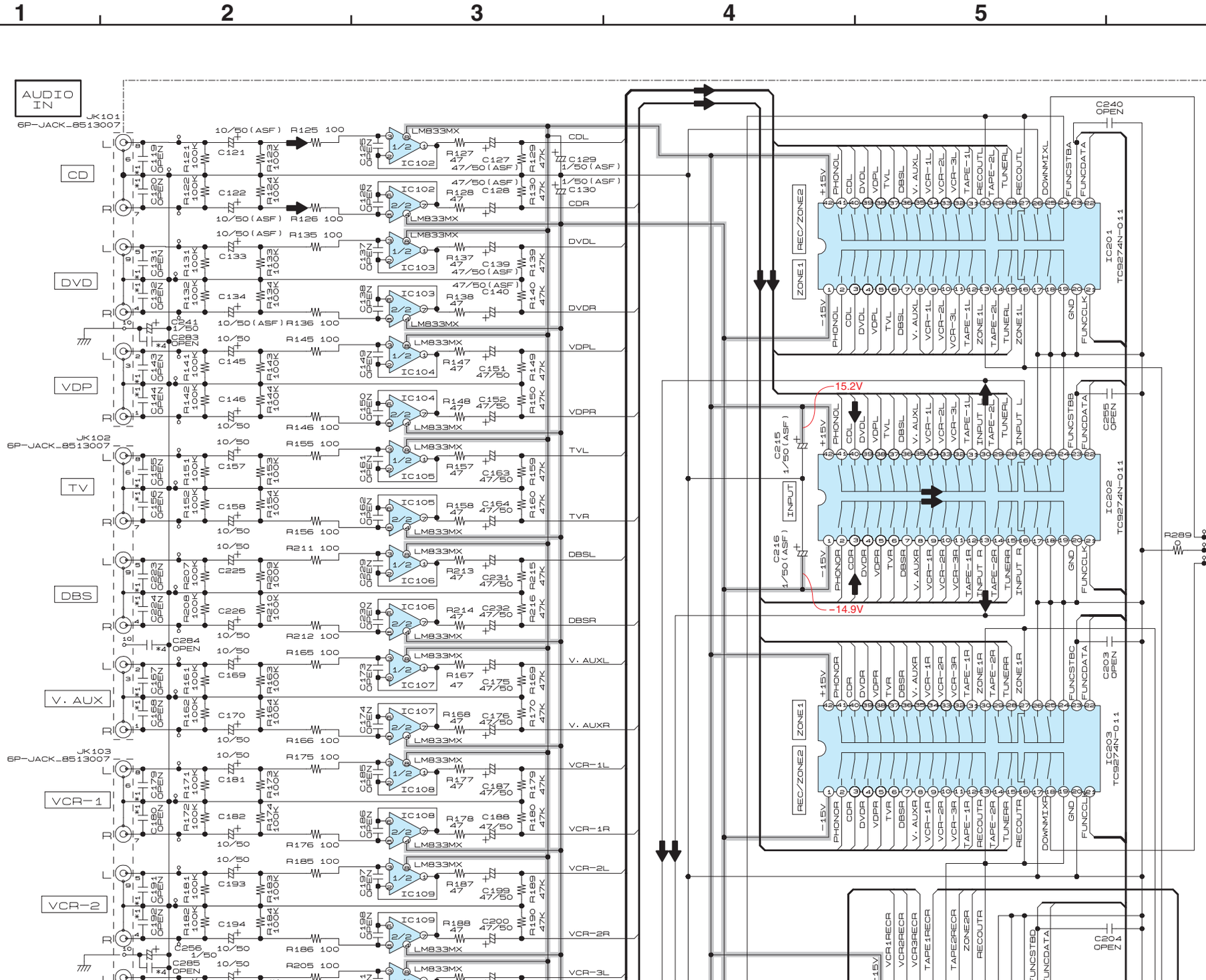
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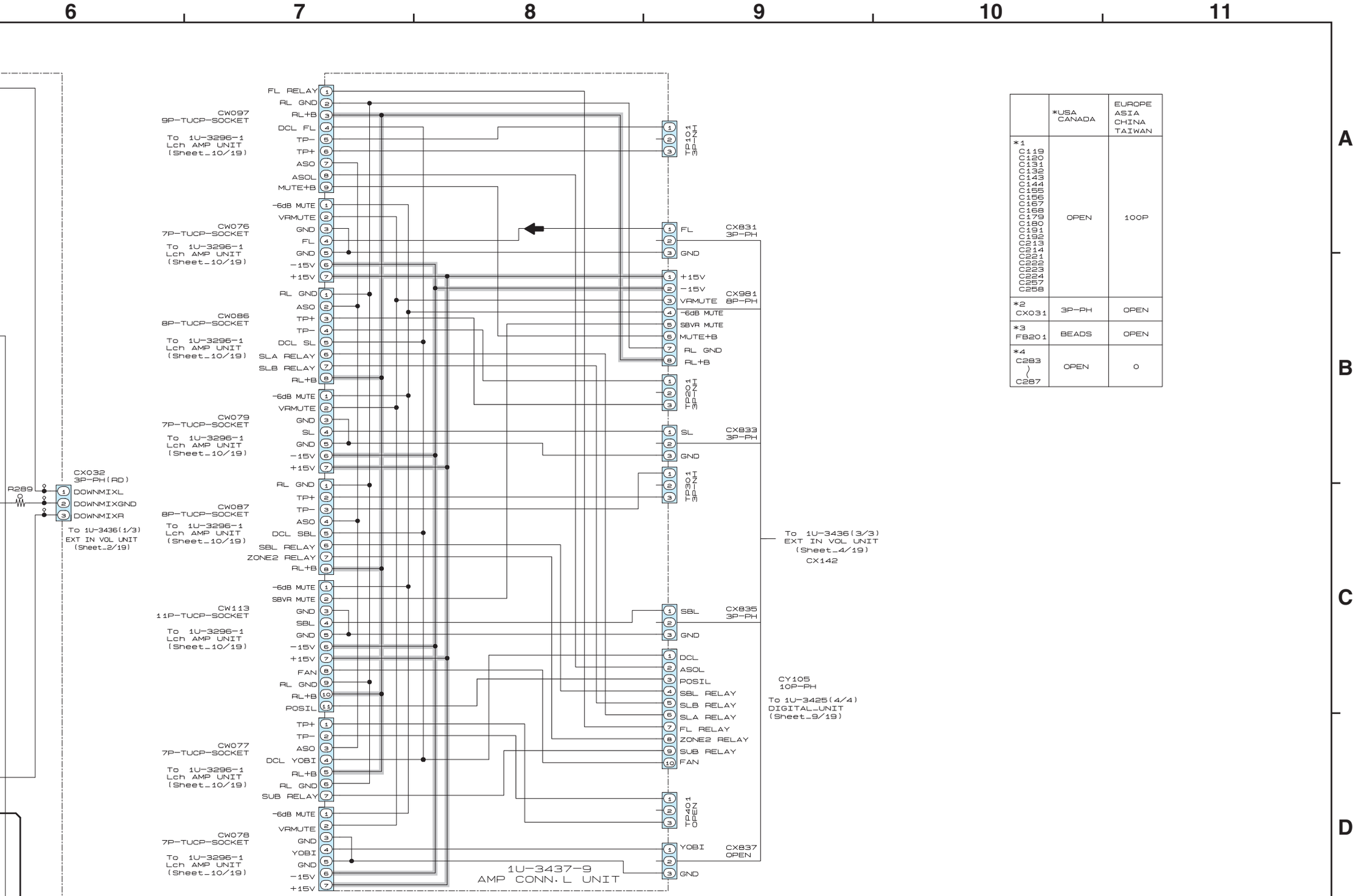
SCHEMATIC DIAGRAMS (1/19)

1U-3437-8 AUDIO IN UNIT
1U-3437-9 AMP CONN. L UNIT
1U-3437-10 AMP CONN. R UNIT

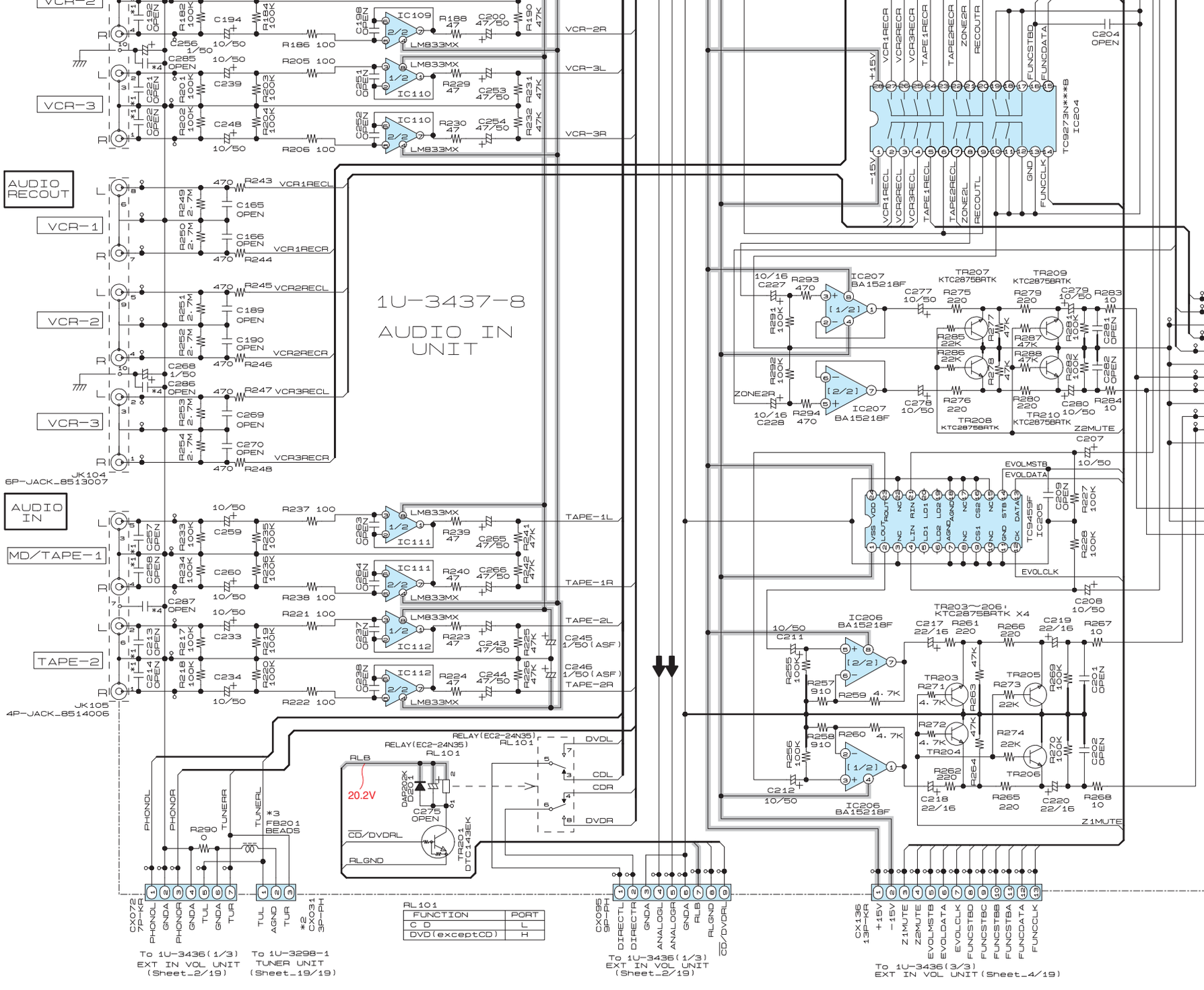
Sheet (1/19)

SCHEMATIC DIAGRAMS (1/19)

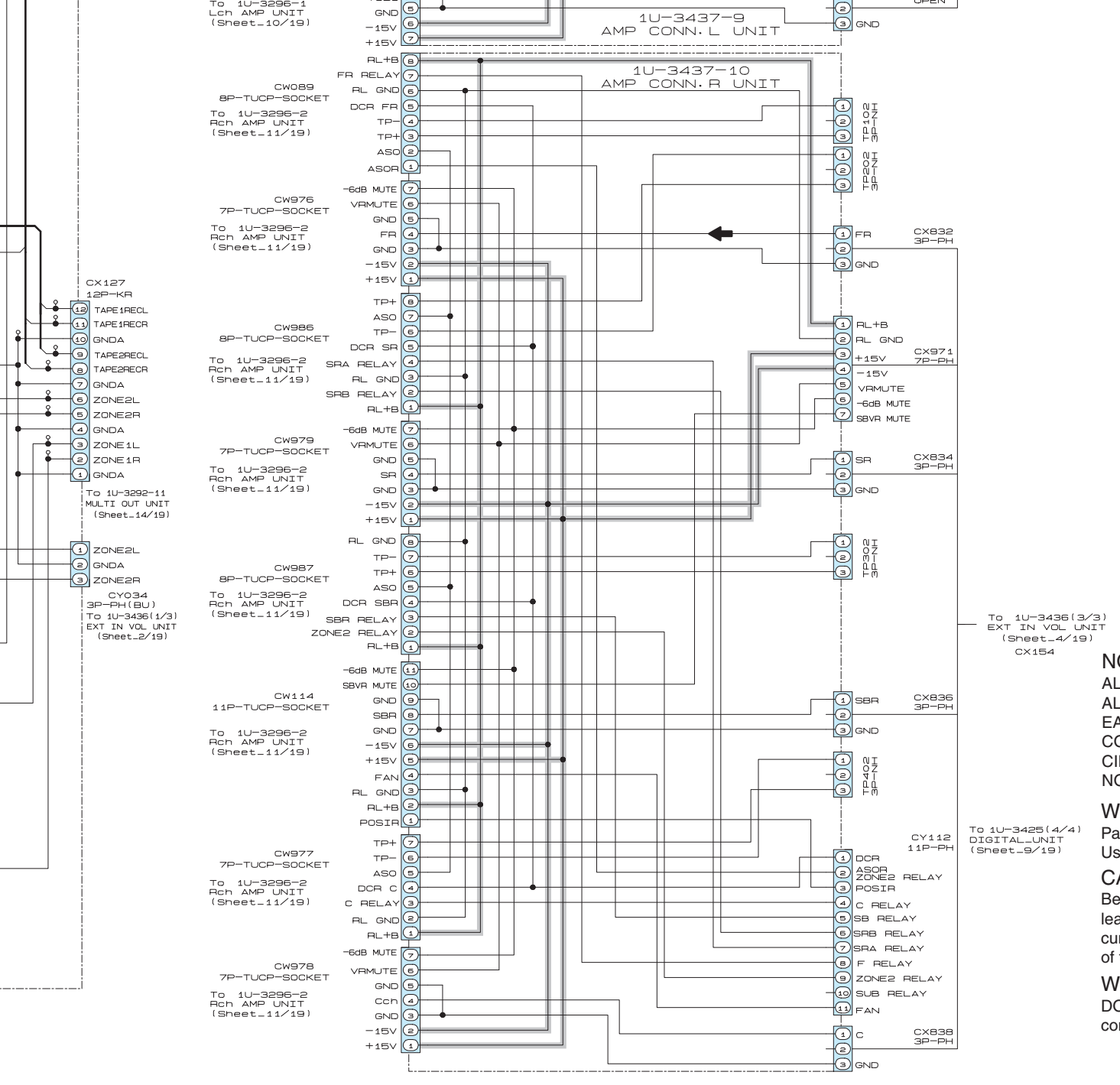




	*USA CANADA	EUROPE ASIA CHINA TAIWAN
*1 C119 C120 C131 C132 C143 C144 C155 C156 C167 C168 C179 C180 C191 C192 C213 C214 C221 C222 C223 C224 C257 C258	OPEN	100P
*2 CX031	3P-PH	OPEN
*3 FB201	BEADS	OPEN
*4 C283 ~ C287	OPEN	0



RL101	
FUNCTION	PORT
C D	L
DVD(exceptCD)	H



± B LINE

SIGNAL LINE

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:

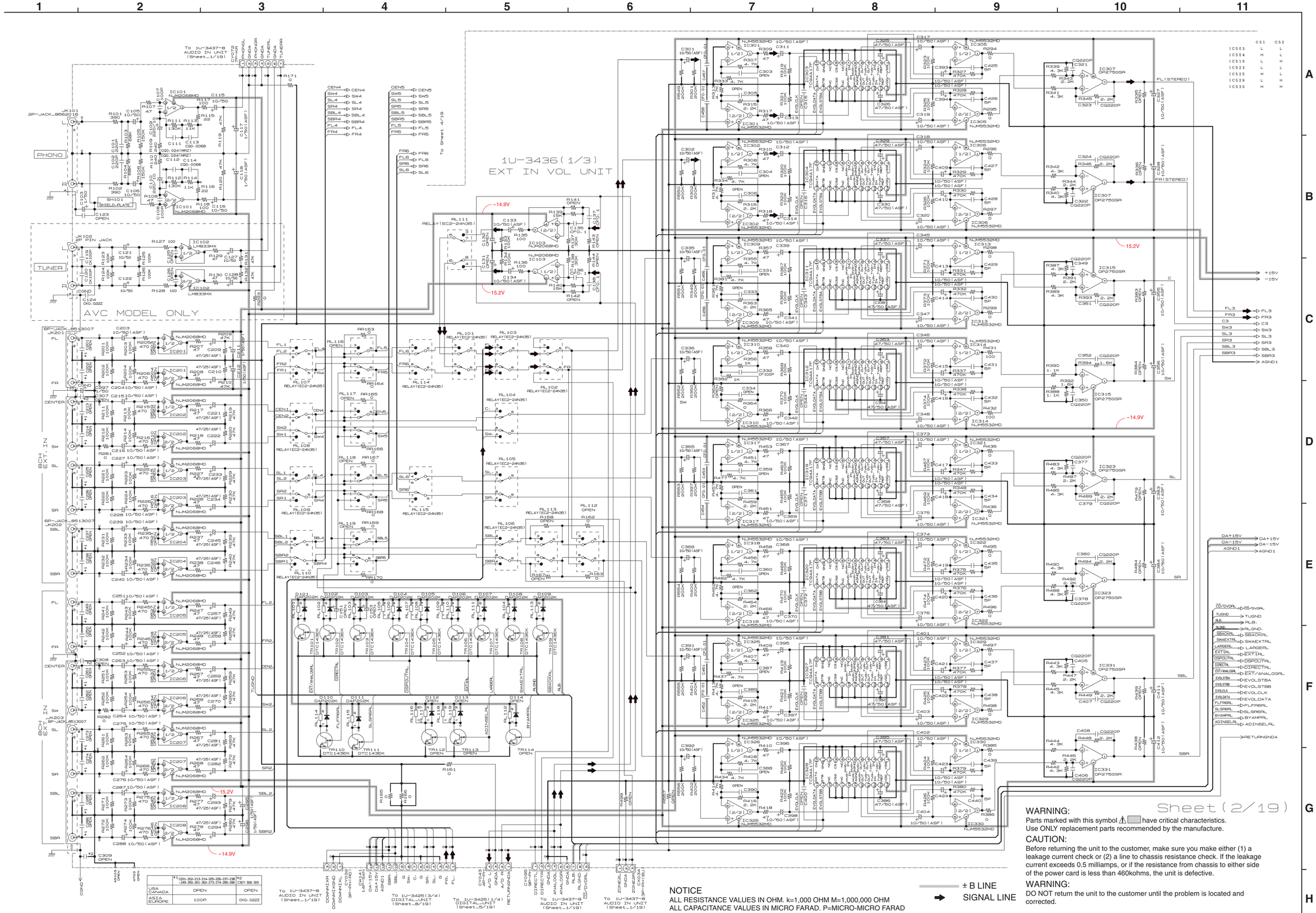
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SCHEMATIC DIAGRAMS (1/19)

1U-3437-8 AUDIO IN UNIT
1U-3437-9 AMP CONN. L UNIT
1U-3437-10 AMP CONN. R UNIT

Sheet (1/19)

SCHEMATIC DIAGRAMS (2/19)



WARNING:
Parts marked with this symbol ⚠ 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 milliamps, or if the resistance from chassis to either side of the power cord is less than 460kohms, the unit is defective.

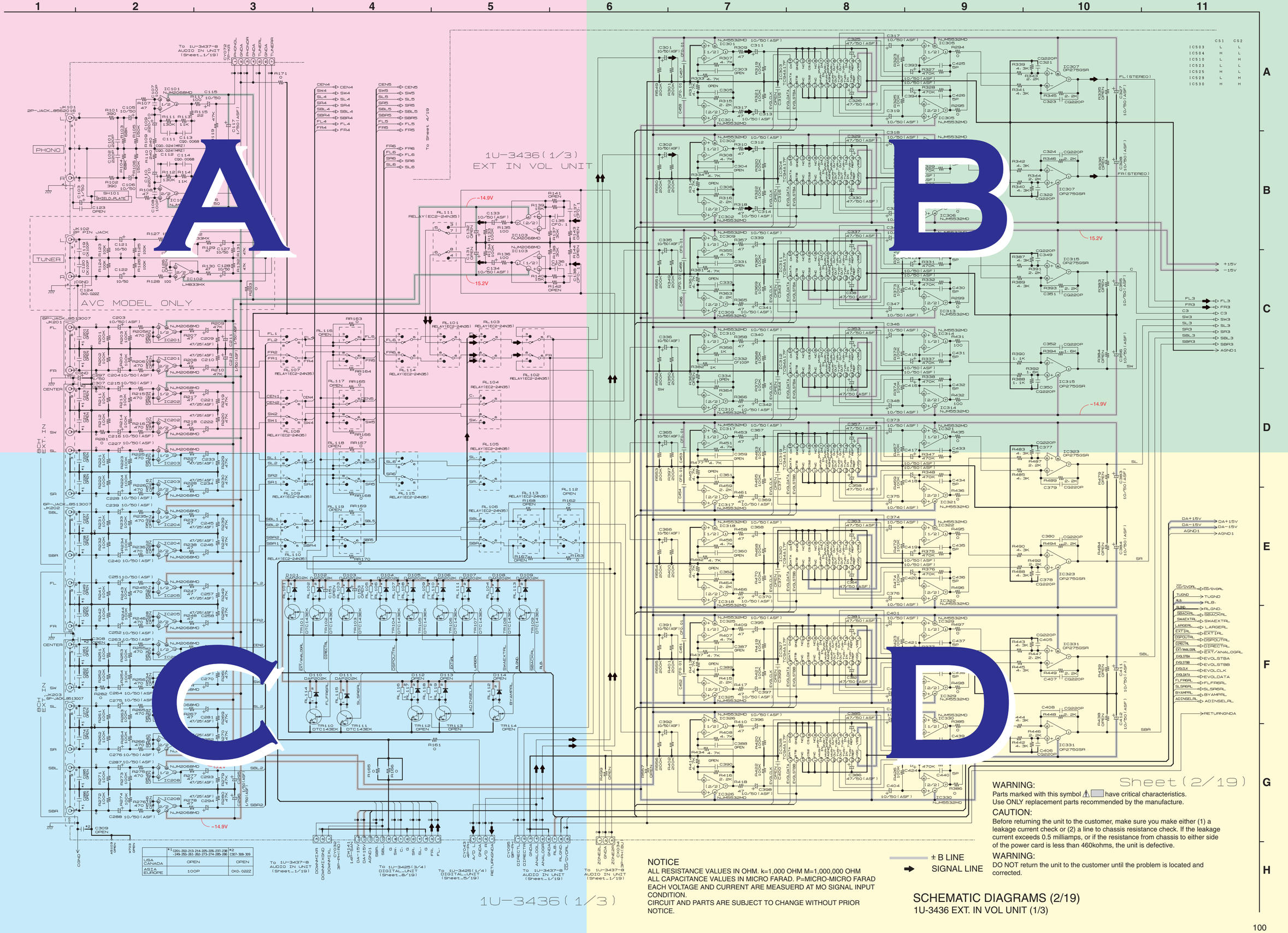
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NOTICE
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± B LINE
SIGNAL LINE

SCHEMATIC DIAGRAMS (2/19)
1U-3436 EXT. IN VOL UNIT (1/3)

SCHEMATIC DIAGRAMS (2/19)



	*1 C201,202,213,214,225,226,237,238 / C245,250,251,262,273,274,285,286	*2 C307-308-309
USA CANADA	OPEN	OPEN
ASIA EUROPE	100P	KX0.022Z

NOTICE
ALL RESISTANCE VALUES IN OHM. k=1,000 OHM M=1,000,000 OHM
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± B LINE
SIGNAL LINE

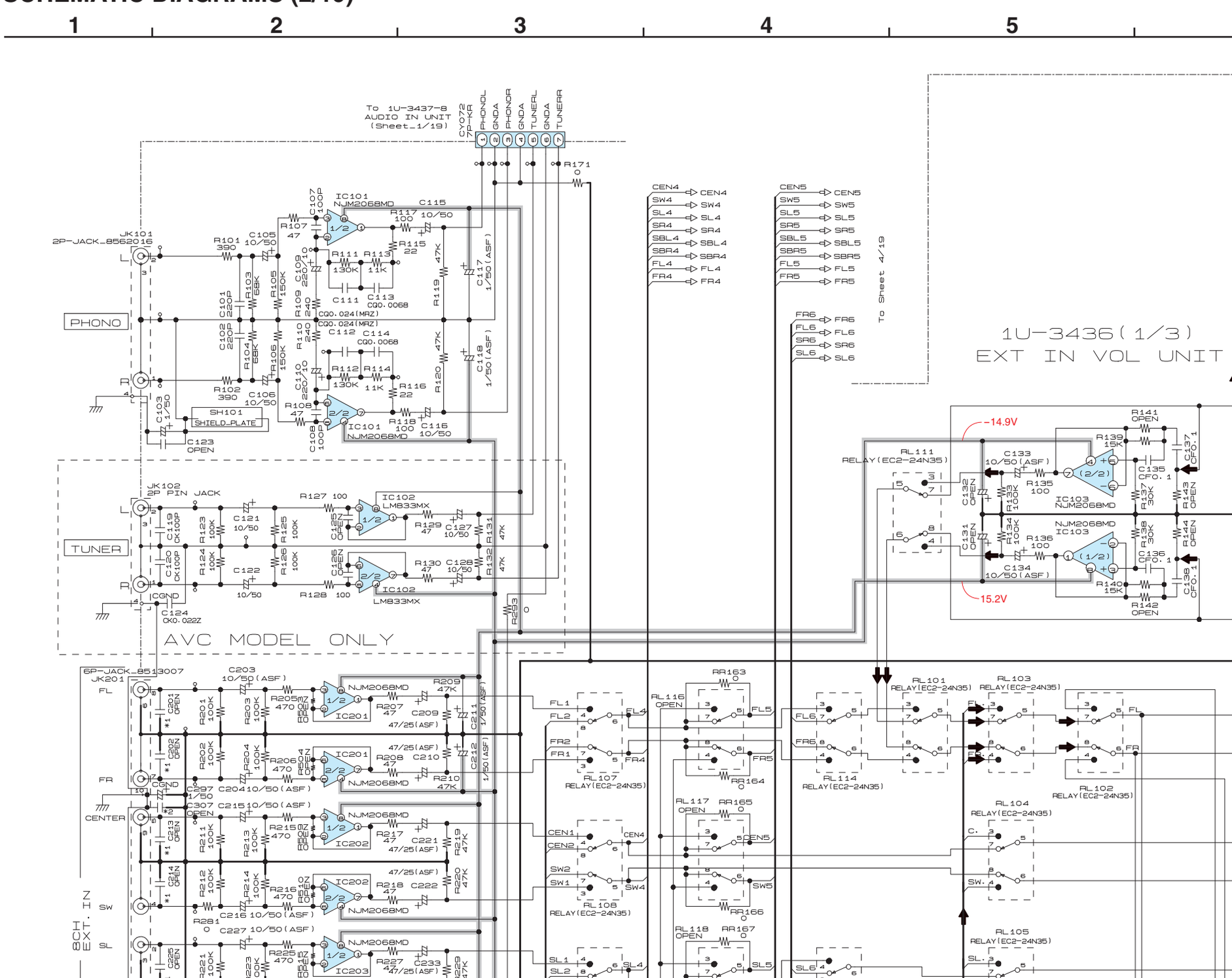
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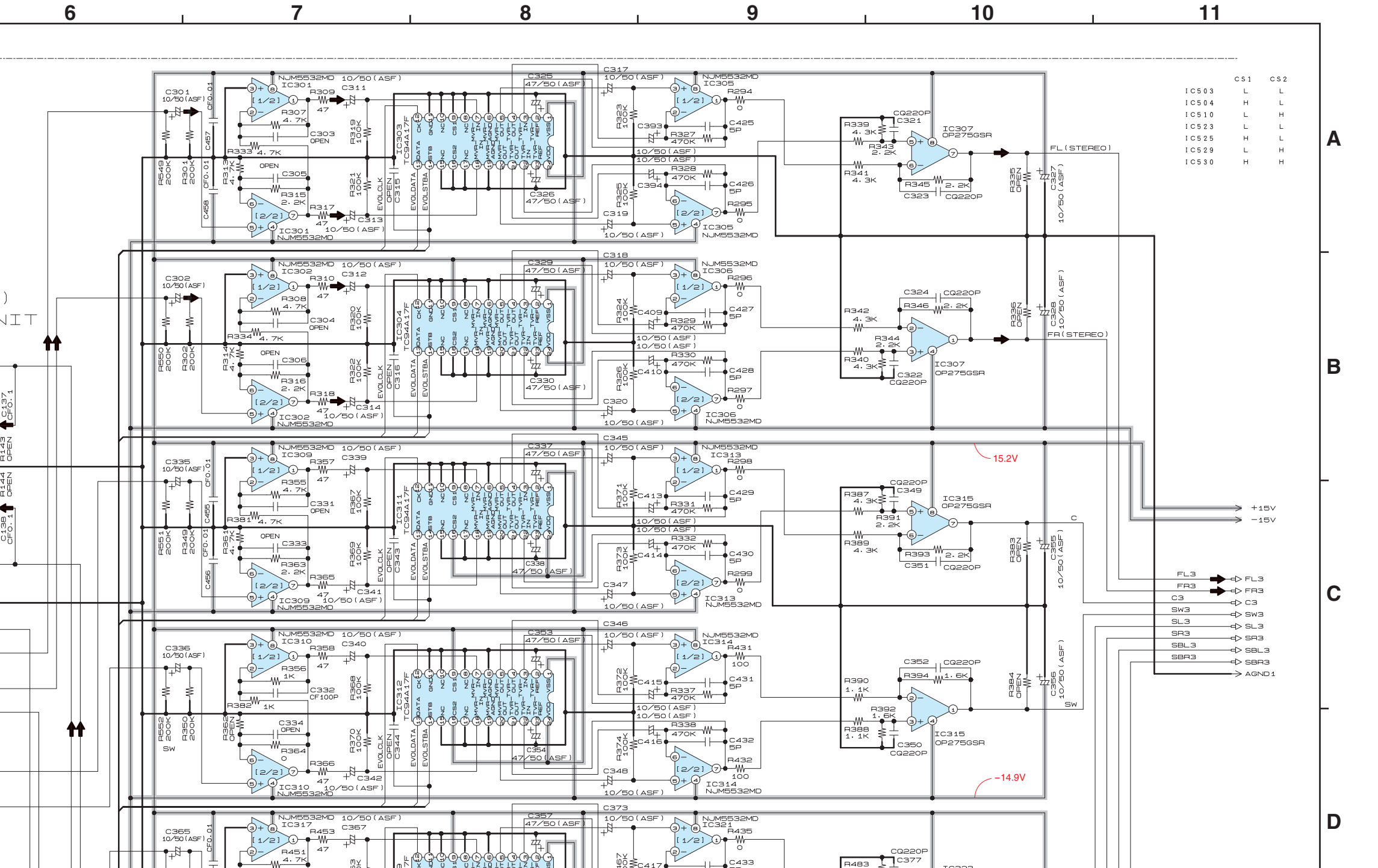
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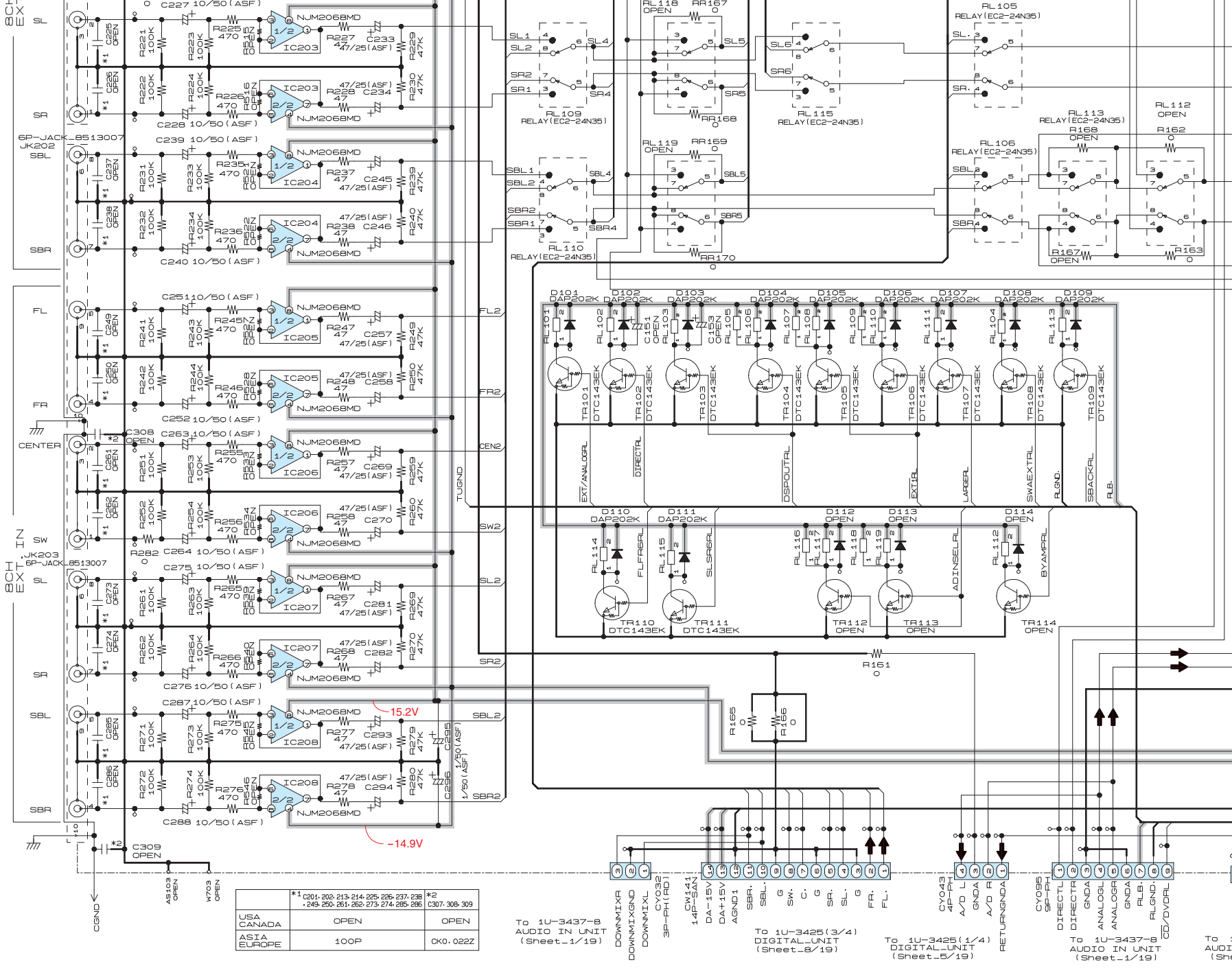
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SCHEMATIC DIAGRAMS (2/19)
1U-3436 EXT. IN VOL UNIT (1/3)

SCHEMATIC DIAGRAMS (2/19)

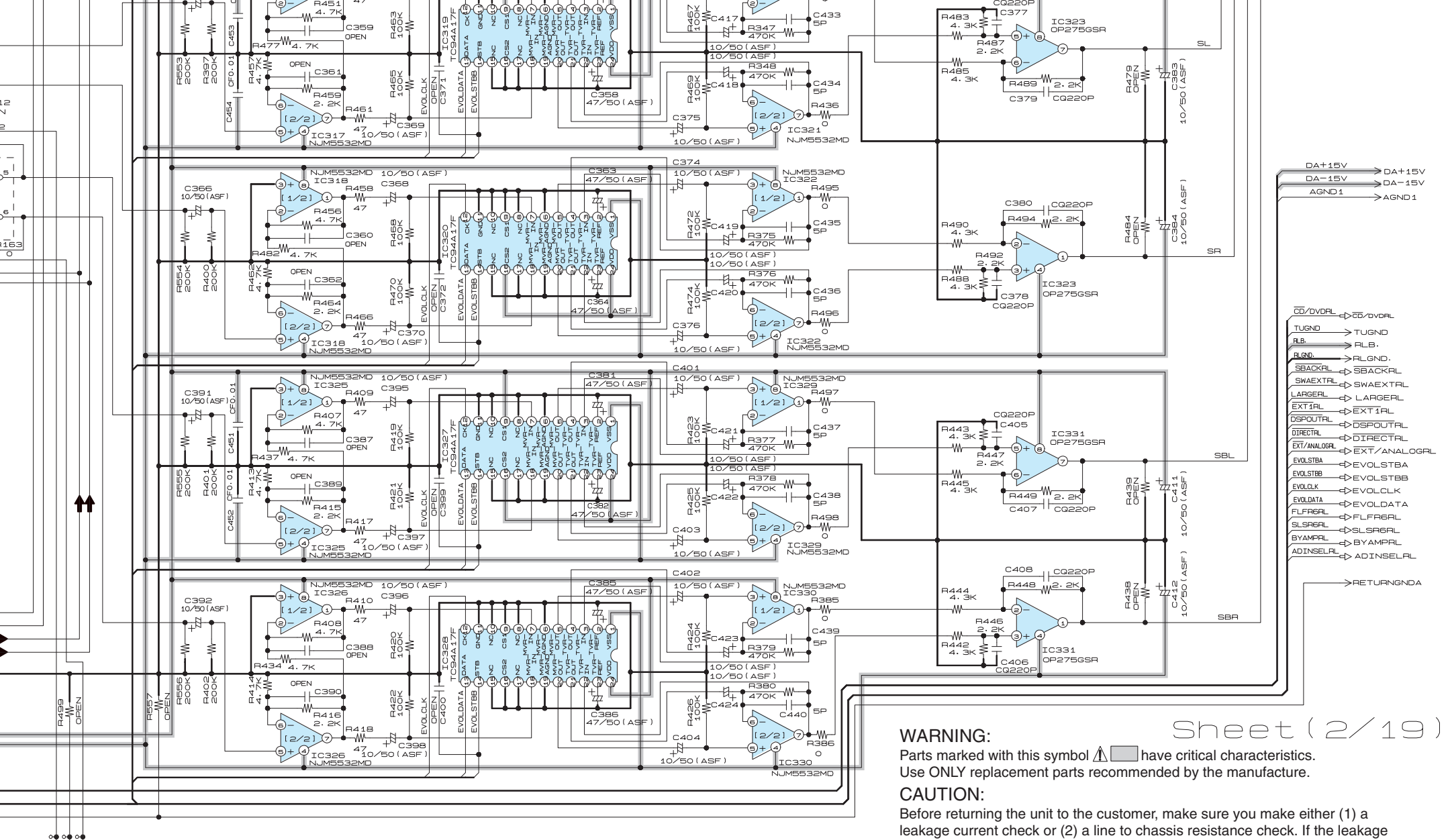



6
7
8
9
10
11
A
B
C
D
IC503 L L
IC504 H L
IC510 L H
IC523 L L
IC525 H L
IC529 L H
IC530 H H
CS1 CS2
FL (STEREO)
FR (STEREO)
15.2V
-14.9V
+15V
-15V
FL3
FR3
C3
SW3
SL3
SR3
SBL3
SBR3
AGND1
SW
NJM5532MD
OP275GSR
TC94A17F



	*1 C201, 202, 213, 214, 225, 226, 237, 238, 249, 250, 261, 262, 273, 274, 285, 286	*2 C307, 308, 309
USA CANADA	OPEN	OPEN
ASIA EUROPE	100P	CK0.022Z

1U-3436(1/



Sheet(2/19)

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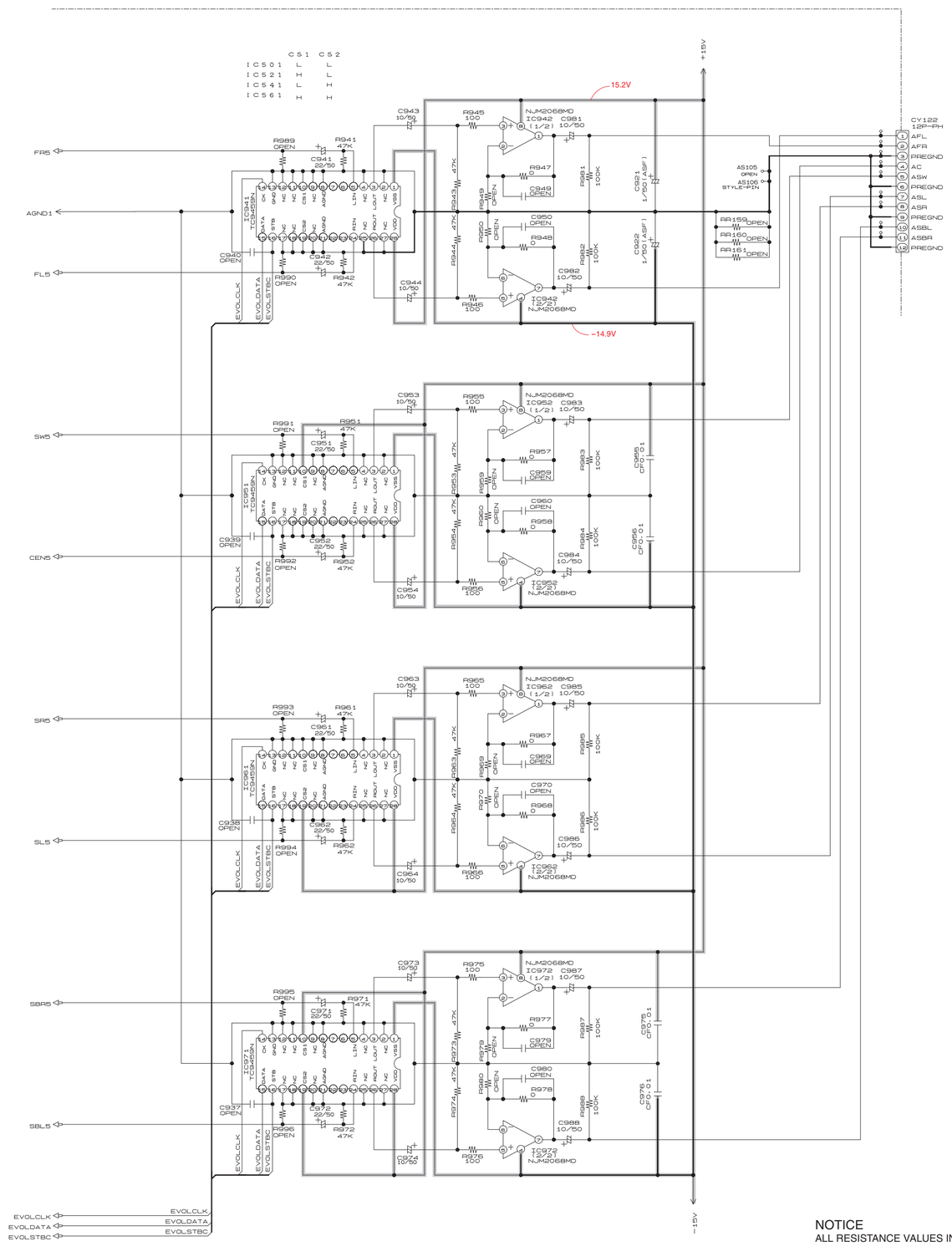
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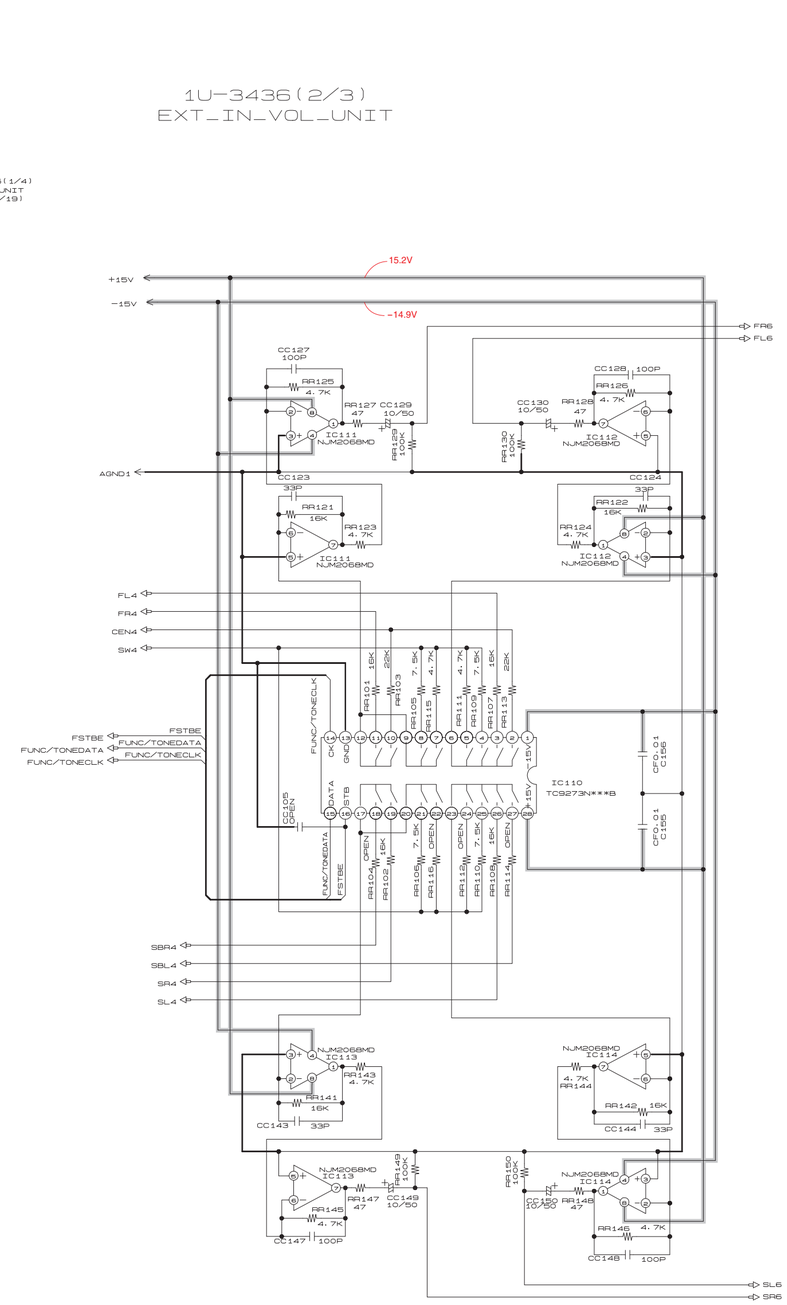
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± B LINE
SIGNAL LINE

SCHEMATIC DIAGRAMS (2/19)
1U-3436 EXT. IN VOL UNIT (1/3)

SCHEMATIC DIAGRAMS (3/19)





± B LINE

NOTICE
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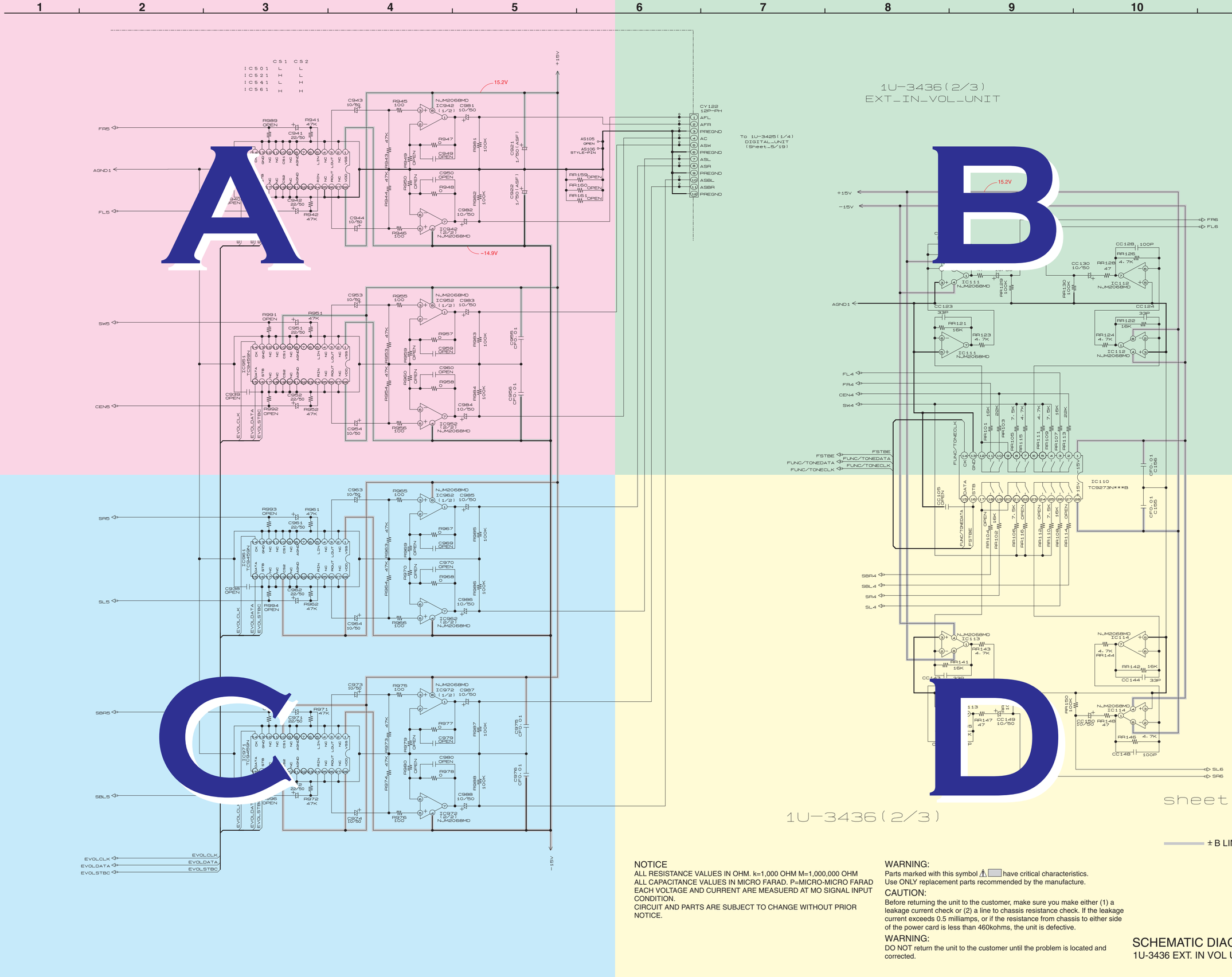
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SCHEMATIC DIAGRAMS (3/19)
1U-3436 EXT. IN VOL UNIT (2/3)

SCHEMATIC DIAGRAMS (3/19)



NOTICE
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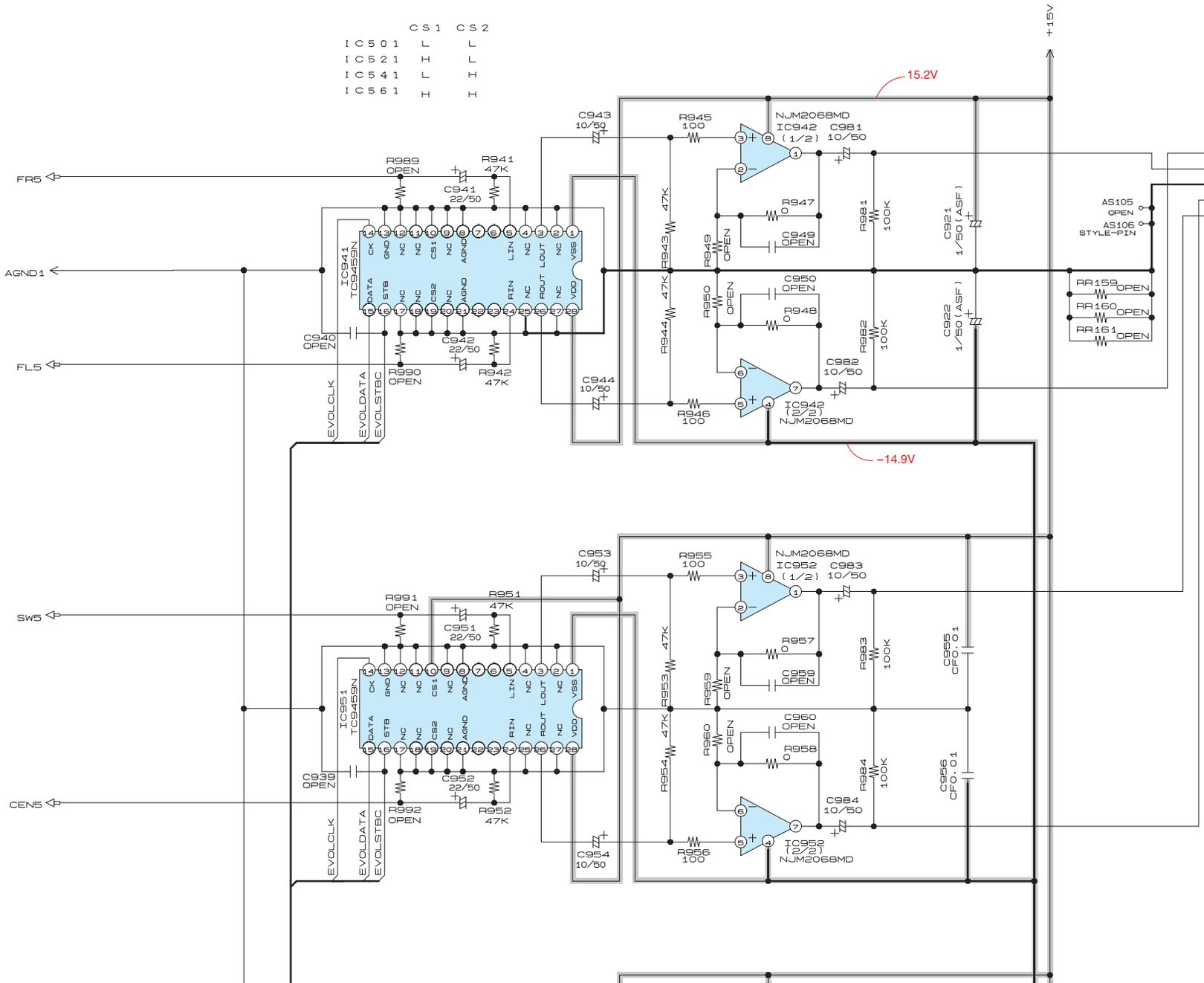
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SCHEMATIC DIAGRAMS (3/19)
1U-3436 EXT. IN VOL UNIT (2/3)

SCHEMATIC DIAGRAMS (3/19)



6 7 8 9 10 11

A B C D

1U-3436(2/3)
EXT_IN_VOL_UNIT

CY122
12P-PH
1 AFL
2 AFR
3 PREGND
4 AC
5 ASW
6 PREGND
7 ASL
8 ASR
9 PREGND
10 ASBL
11 ASBR
12 PREGND

To 1U-3425(1/4)
DIGITAL_UNIT
(Sheet_5/19)

15.2V
+15V
-15V
-14.9V
FR6
FL6
AGND1

CC127 100P
RR125 4.7K
RR127 47
CC129 10/50
RR129 100K
IC111 NJM2068MD

CC128 100P
RR126 4.7K
RR128 47
CC130 10/50
RR130 100K
IC112 NJM2068MD

CC123 33P
RR121 16K
RR123 4.7K
IC111 NJM2068MD

CC124 33P
RR122 16K
RR124 4.7K
IC112 NJM2068MD

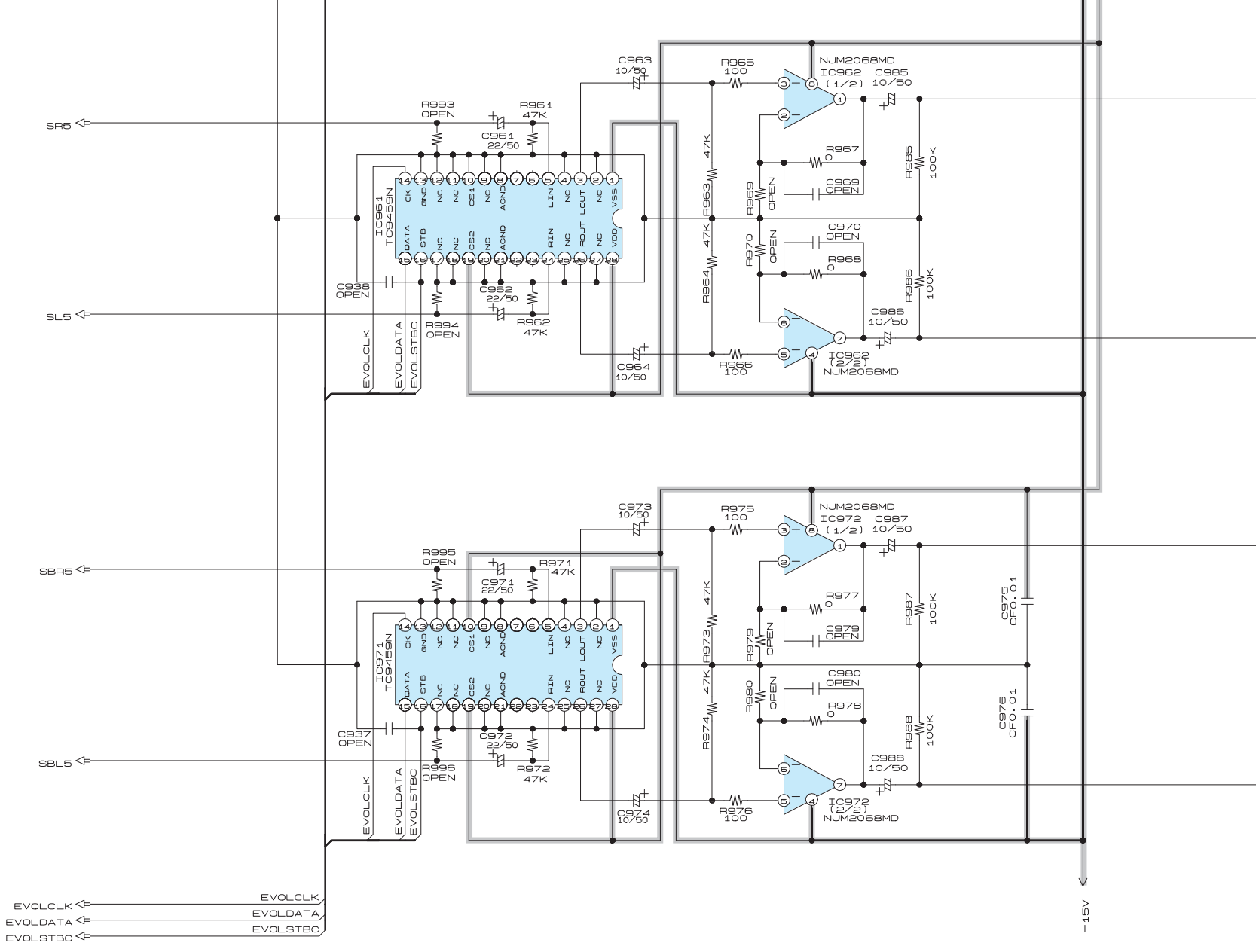
FL4
FR4
CEN4
SW4

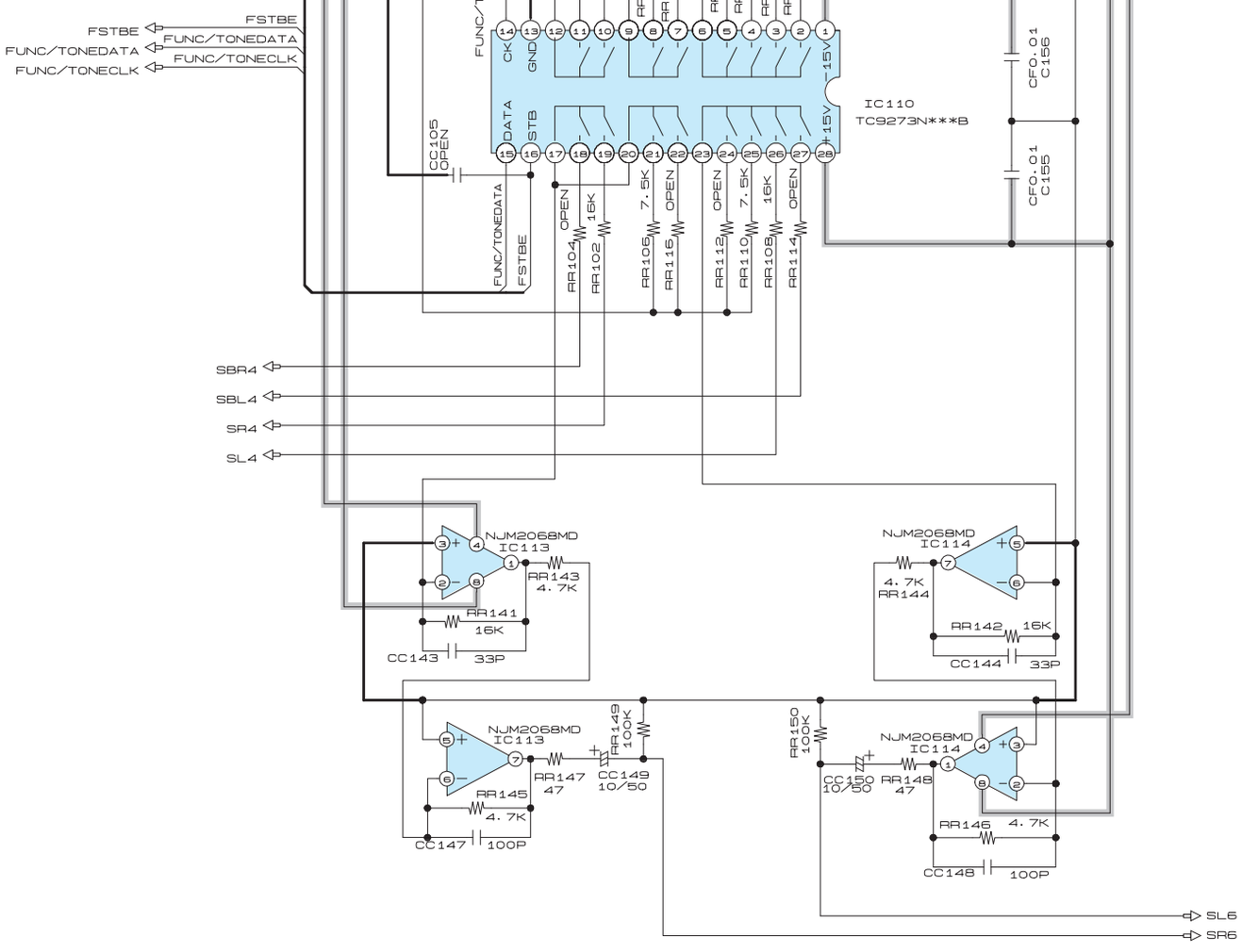
RR101 16K
RR103 22K
RR105 7.5K
RR115 4.7K
RR111 4.7K
RR109 7.5K
RR107 16K
RR113 22K

FSTBE
FUNC/TONEDATA
FUNC/TONECLK

IC110
TC9273N***B
CK GND DATA STB +15V -15V

CC105 OPEN
CF0.01 C156
CF0.01 C155


SR5
SL5
SBR5
SBL5
EVOLCLK
EVOLDATA
EVOLSTBC
IC961 TC9459N
IC971 TC9459N
R993 OPEN
R961 47K
C961 22/50
R994 OPEN
R962 47K
C962 22/50
C938 OPEN
R995 OPEN
R971 47K
C971 22/50
R996 OPEN
R972 47K
C972 22/50
C937 OPEN
C963 10/50
C964 10/50
C973 10/50
C974 10/50
R965 100
R966 100
R975 100
R976 100
NJM2068MD
IC962 (1/2)
IC962 (2/2)
IC972 (1/2)
IC972 (2/2)
C985 10/50
C986 10/50
C987 10/50
C988 10/50
R967 0
R968 0
R977 0
R978 0
C969 OPEN
C970 OPEN
C979 OPEN
C980 OPEN
R969 OPEN
R970 OPEN
R979 OPEN
R980 OPEN
R963 47K
R964 47K
R973 47K
R974 47K
R985 100K
R986 100K
R987 100K
R988 100K
C975 CF0.01
C976 CF0.01
−15V



sheet (3/19)

1U-3436 (2/3)

± B LINE

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 MEASUERD AT MO SIGNAL INPUT CONDITION.
CIRCUIT AND PARTS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

WARNING:

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CAUTION:

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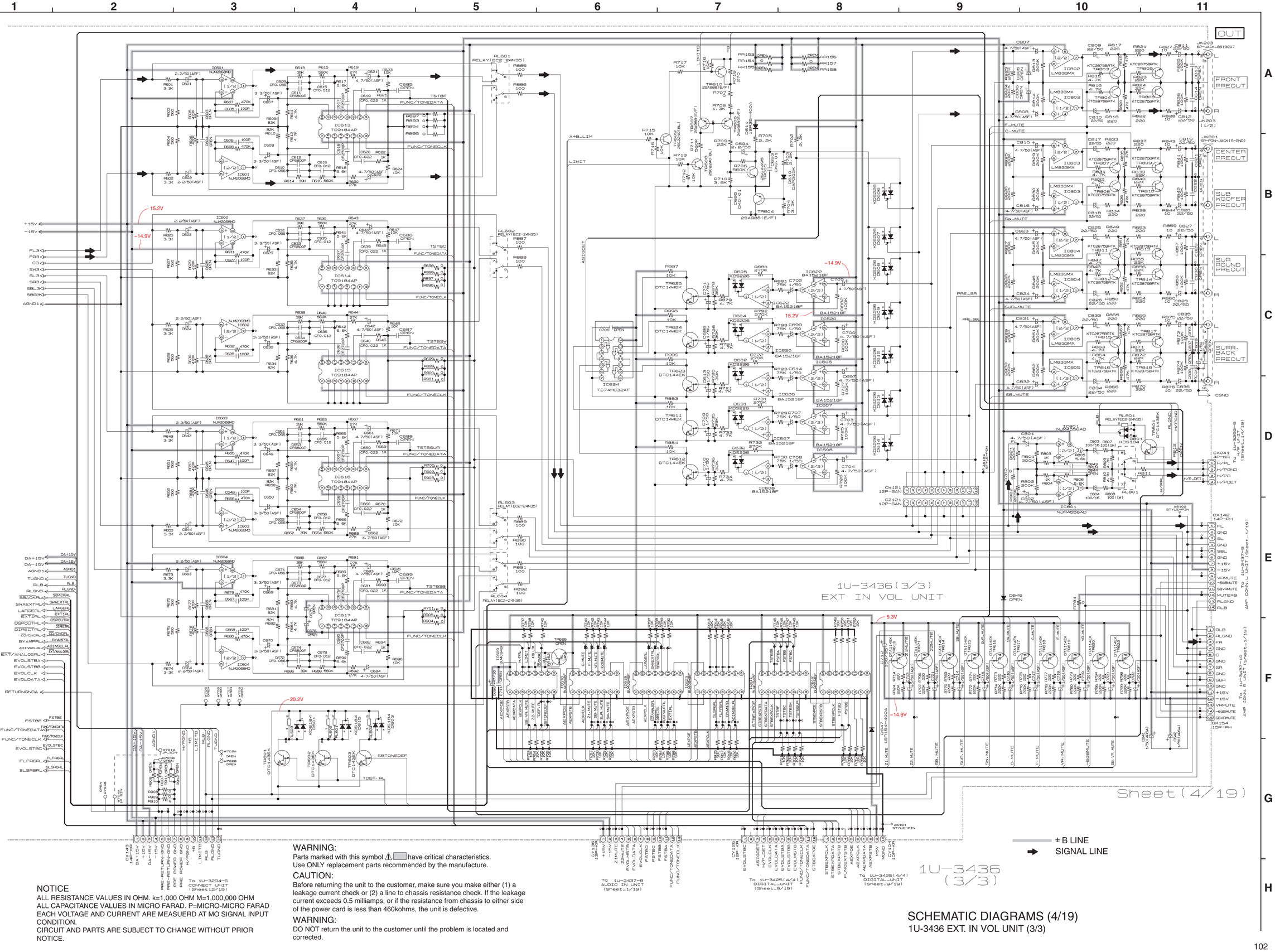
WARNING:

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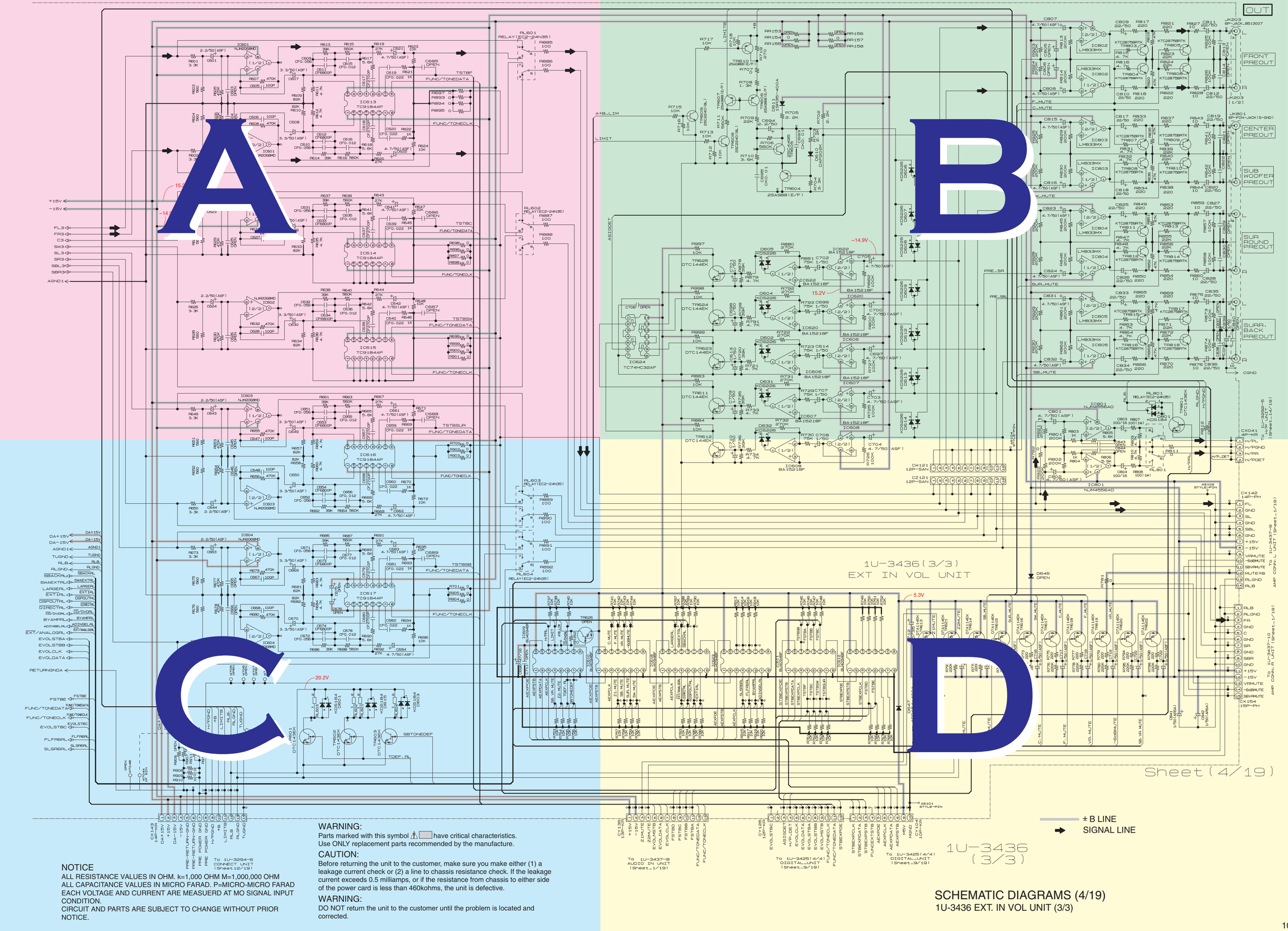
SCHEMATIC DIAGRAMS (3/19)

1U-3436 EXT. IN VOL UNIT (2/3)

SCHEMATIC DIAGRAMS (4/19)



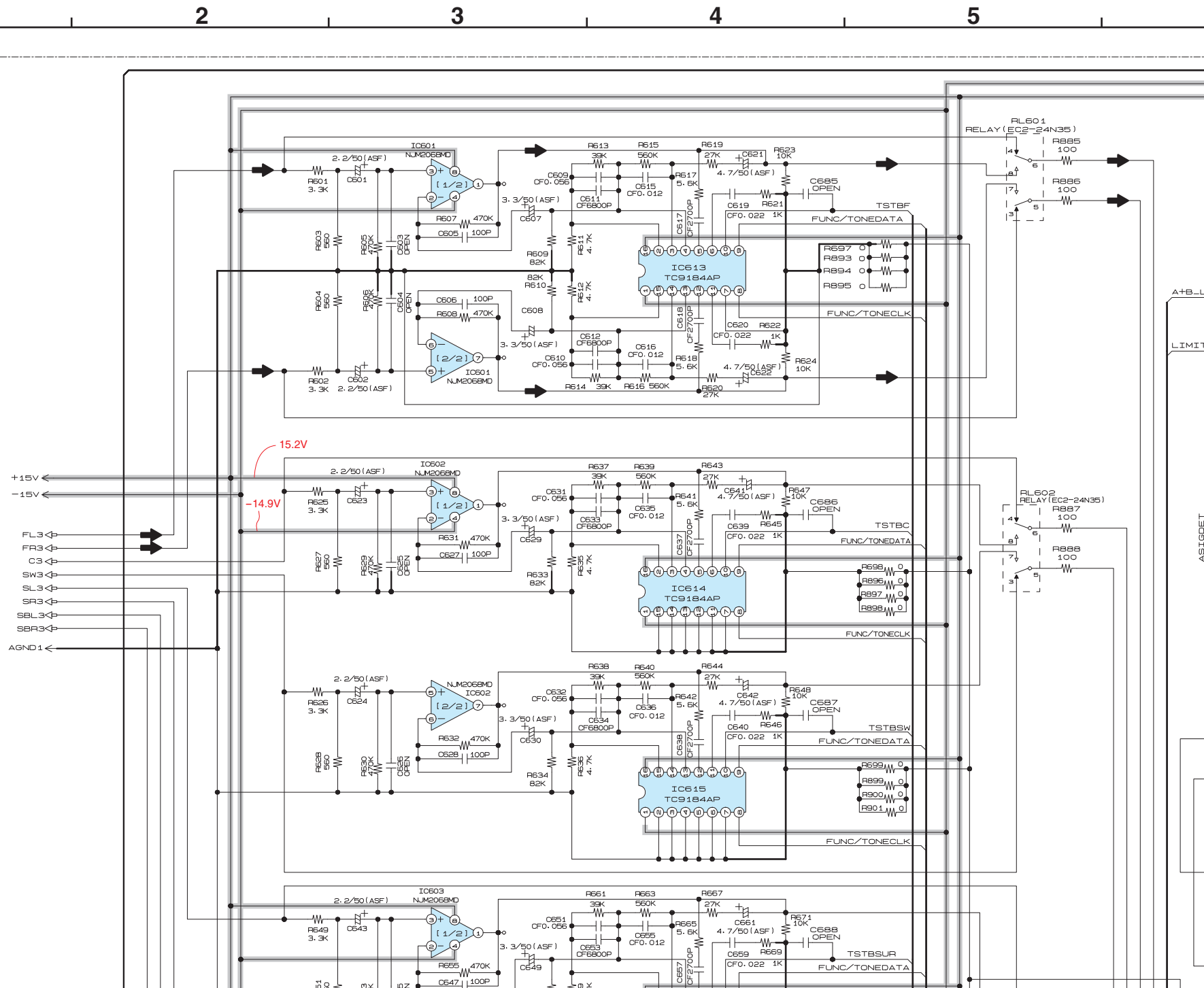
SCHEMATIC DIAGRAMS (4/19)

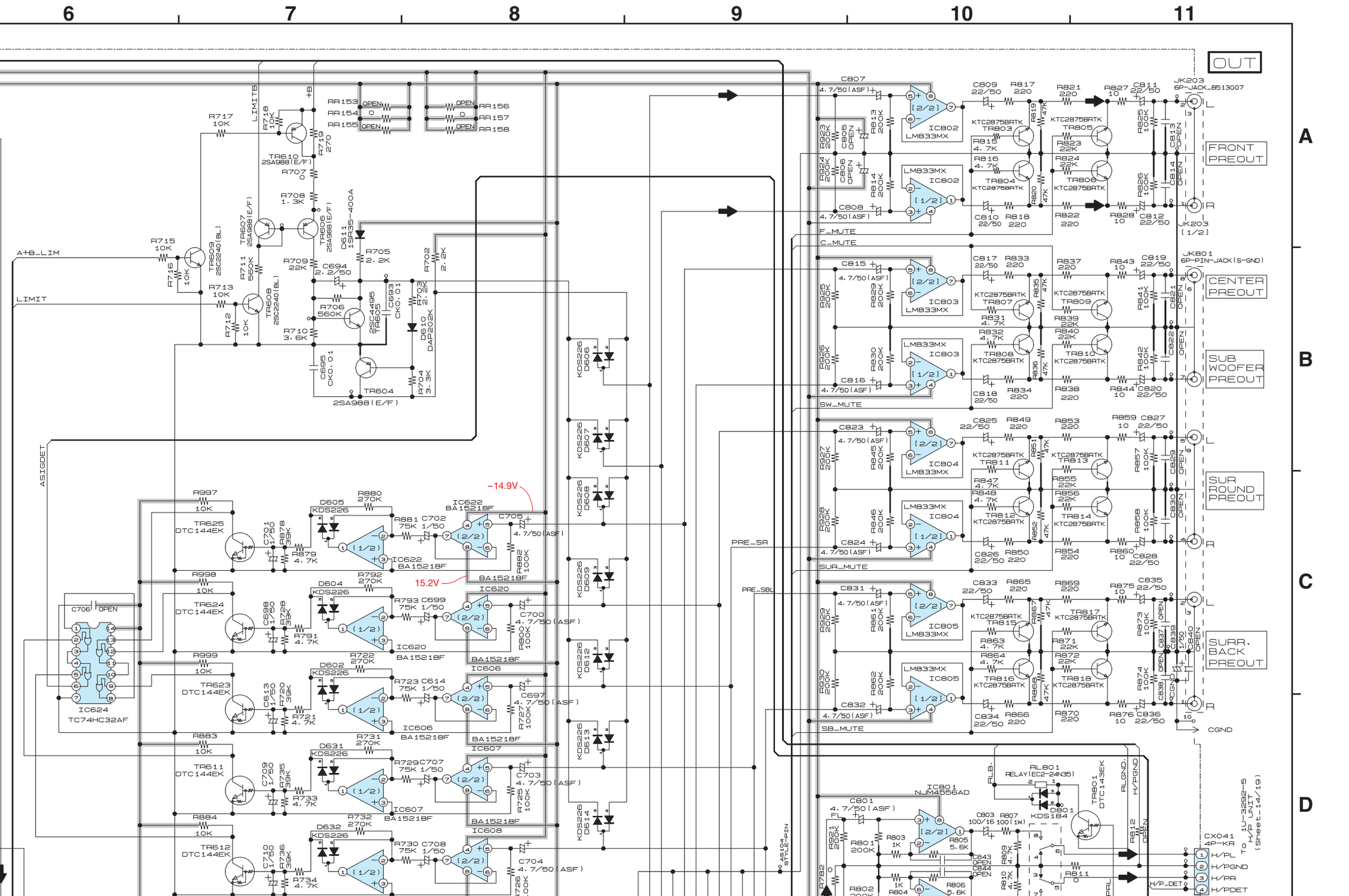


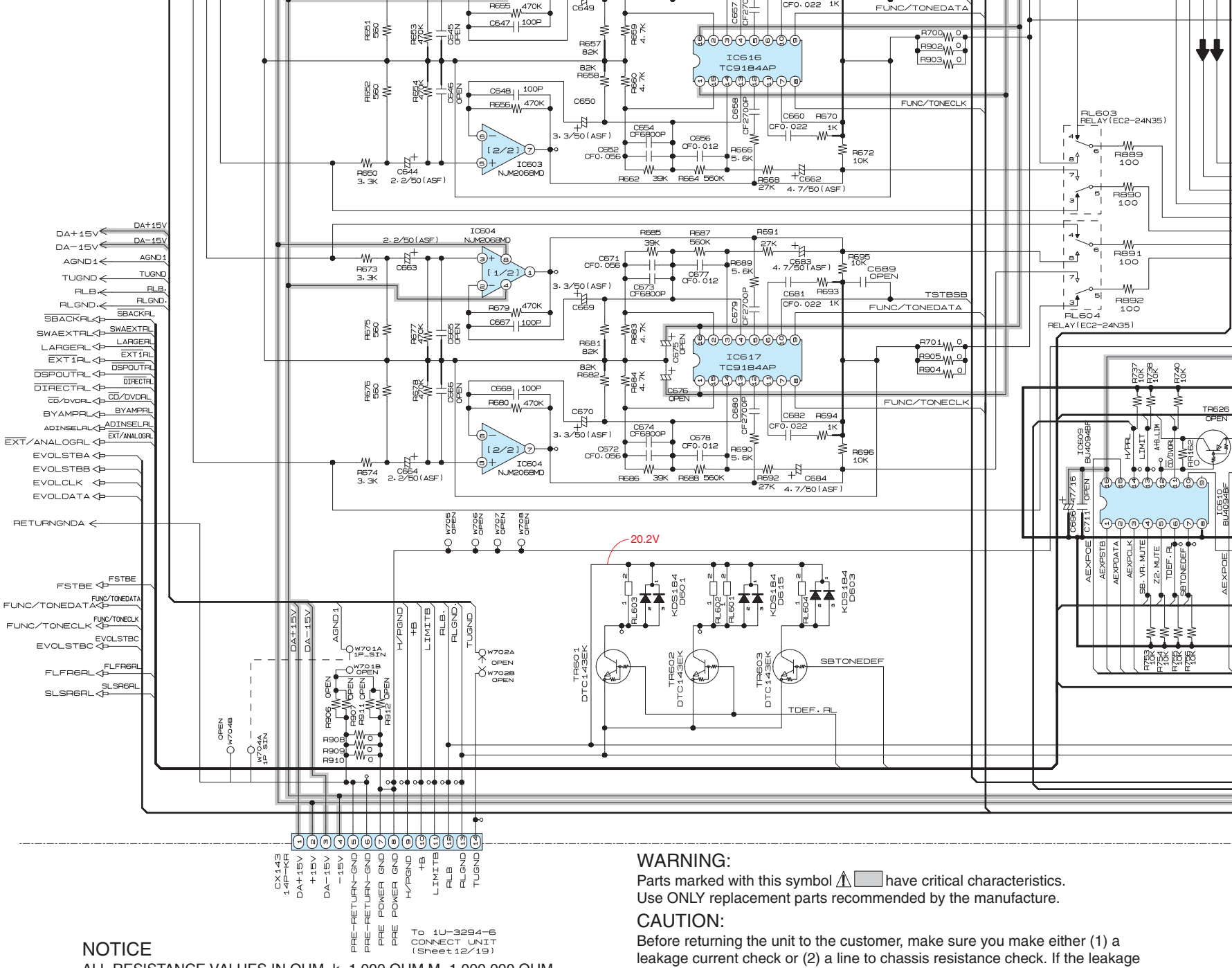
SCHEMATIC DIAGRAMS (4/19)

1U-3436 EXT. IN VOL UNIT (3/3)

SCHEMATIC DIAGRAMS (4/19)




6
7
8
9
10
11
A
B
C
D
OUT
FRONT PREOUT
CENTER PREOUT
SUB WOOFER PREOUT
SUR ROUND PREOUT
SURR. BACK PREOUT
F_MUTE
C_MUTE
SW_MUTE
SUR_MUTE
SB_MUTE
PRE_SR
PRE_SBL
A+B_LIM
LIMIT
ASIGDET
-14.9V
15.2V
IC624
TC74HC32AF
IC622 BA15218F
IC620 BA15218F
IC606 BA15218F
IC607 BA15218F
IC608 BA15218F
IC801 NJM4556AD
IC802 LM833MX
IC803 LM833MX
IC804 LM833MX
IC805 LM833MX
TR604 2SA988(E/F)
RL801 RELAY(EC2-24N35)
JK203 6P-JACK-8513007
JK801 6P-PIN-JACK(S-GND)
CX041 4P-KB
To 1U-3292-5 H/P UNIT (sheet-14/19)
H/PL
H/PGND
H/PR
H/PDET
CGND



NOTICE

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ALL CAPACITANCE VALUES IN MICRO FARAD. P=MICRO-MICRO FARAD
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WARNING:

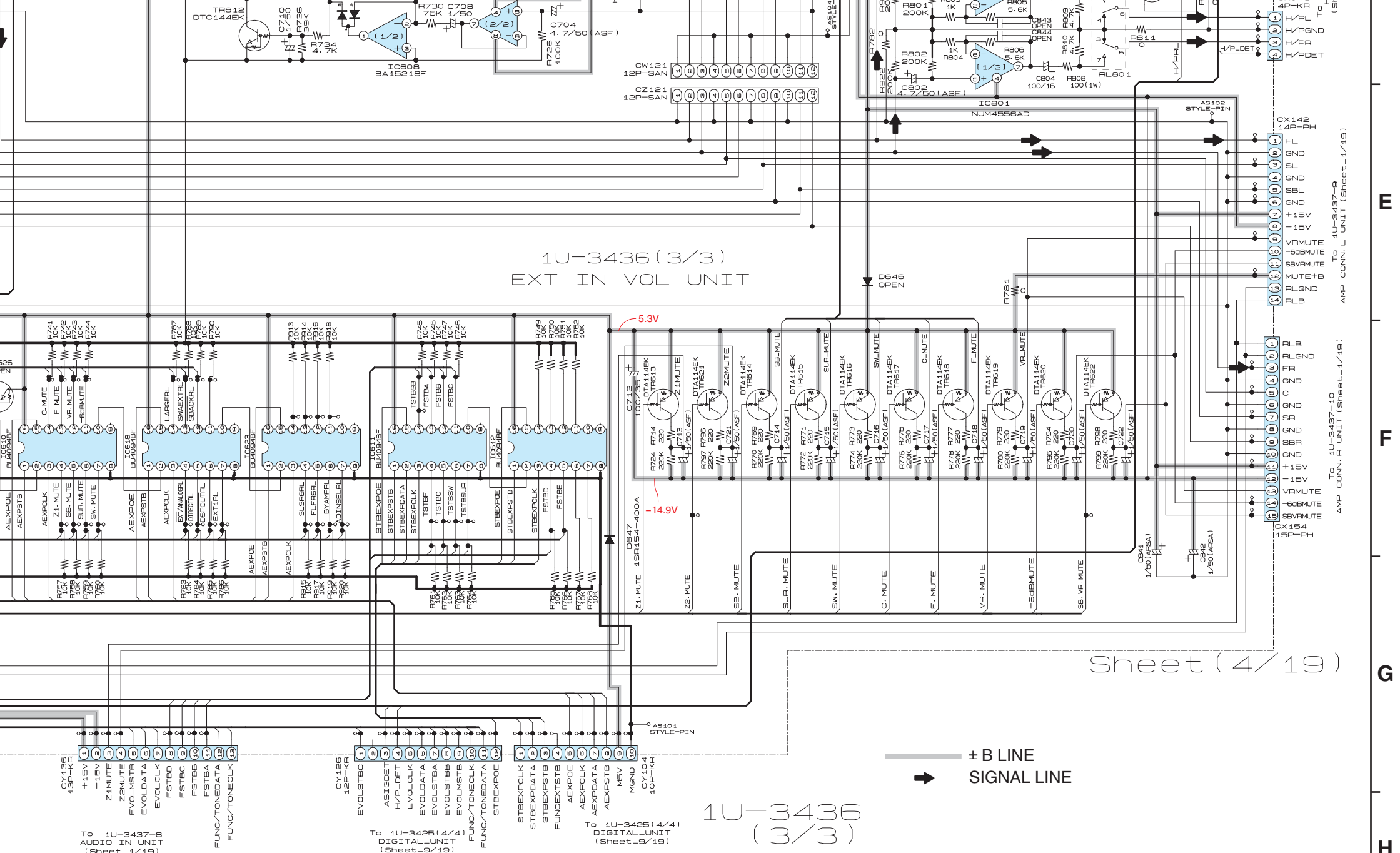
Parts marked with this symbol ⚠ have critical characteristics.
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CAUTION:

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WARNING:

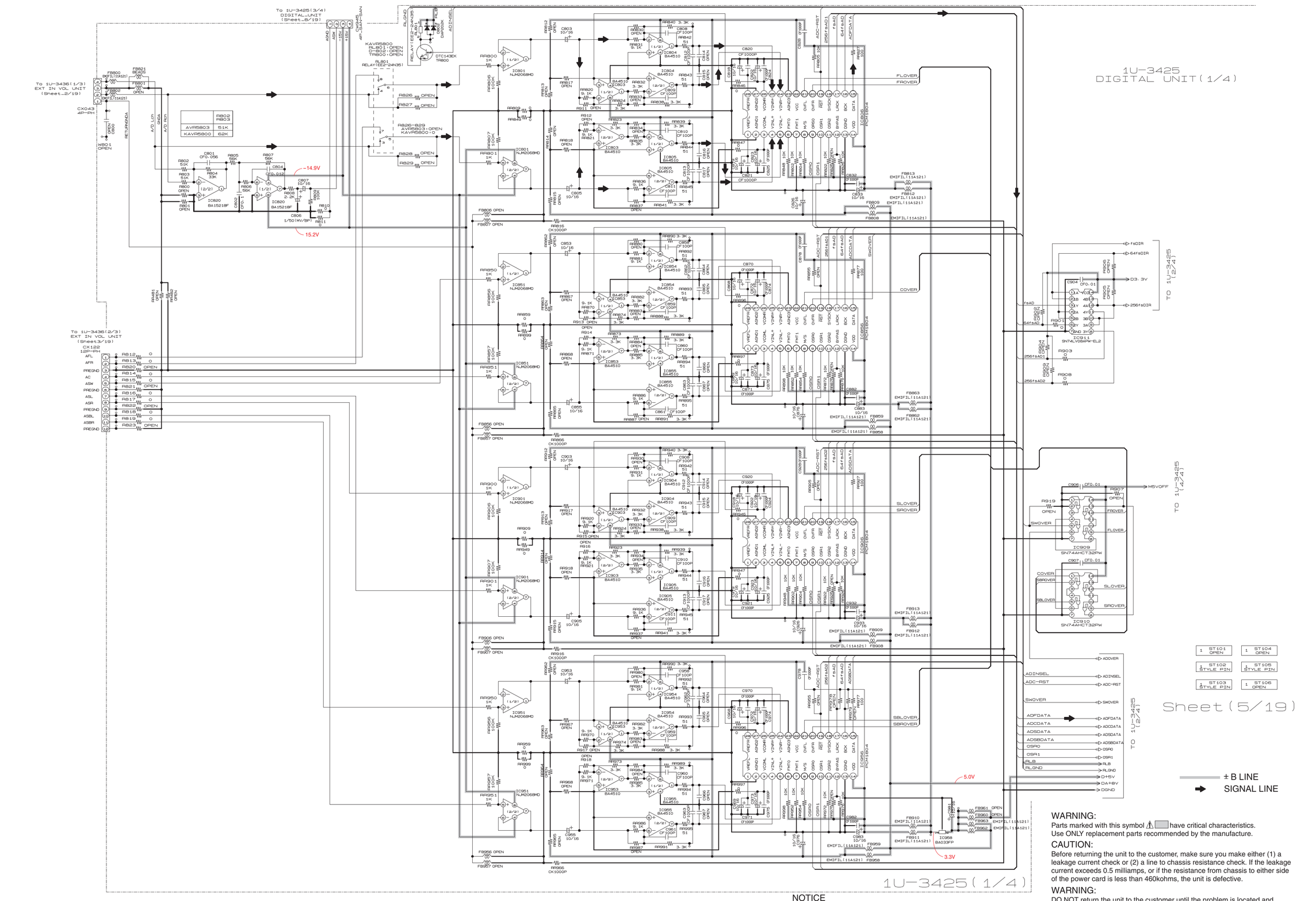
DO NOT return the unit to the customer until the problem is located and corrected.



SCHEMATIC DIAGRAMS (4/19)

1U-3436 EXT. IN VOL UNIT (3/3)

SCHEMATIC DIAGRAMS (5/19)



NOTICE
ALL RESISTANCE VALUES IN OHM. k=1,000 OHM M=1,000,000 OHM
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EACH VOLTAGE AND CURRENT ARE MEASUERD AT MO SIGNAL INPUT CONDITION.
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WARNING:
DO NOT return the unit to the customer until the problem is located and corrected.

SCHEMATIC DIAGRAMS (5/19)
1U-3425 DIGITAL UNIT (1/4)

SCHEMATIC DIAGRAMS (5/19)

WARNING:
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Use ONLY replacement parts recommended by the manufacture.

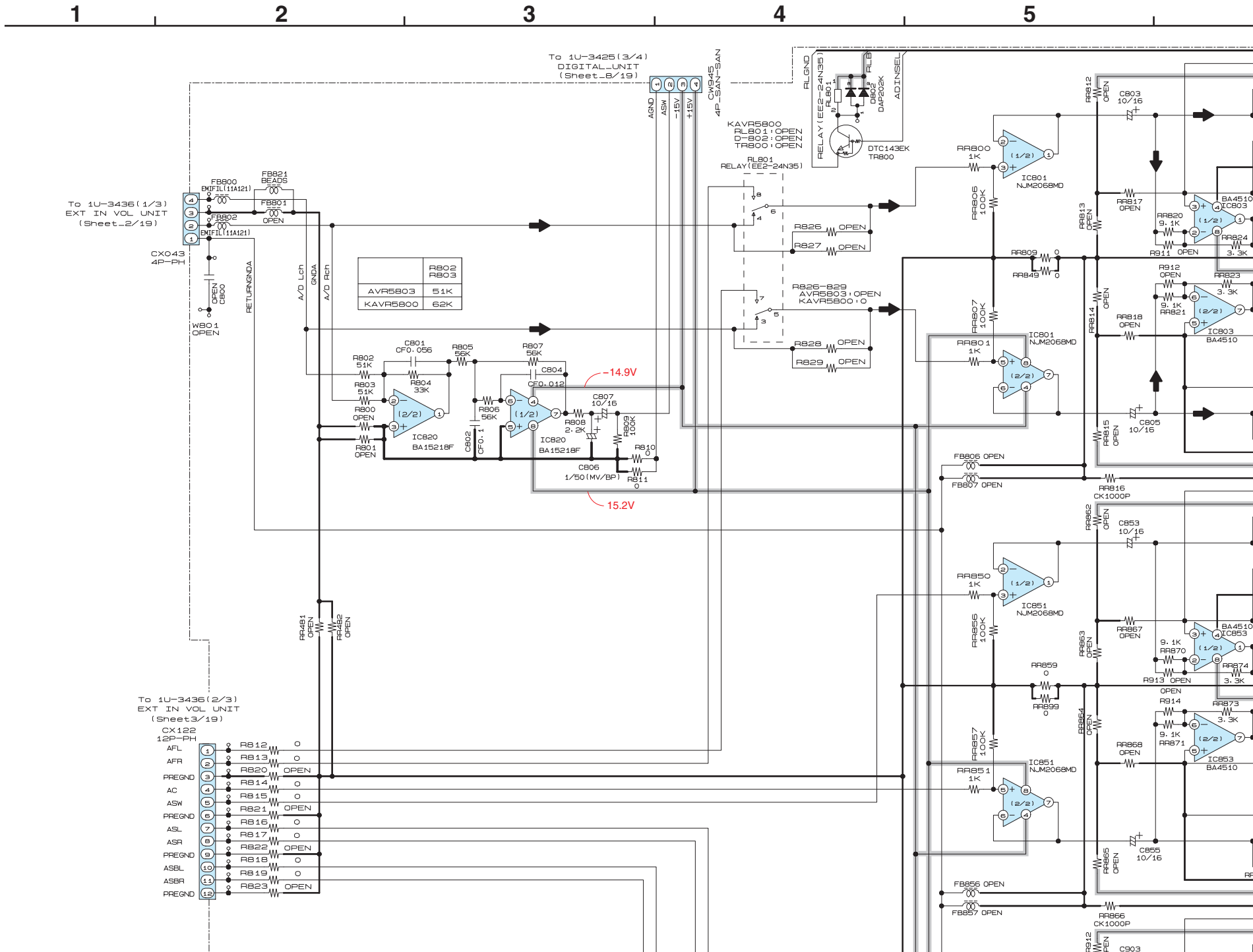
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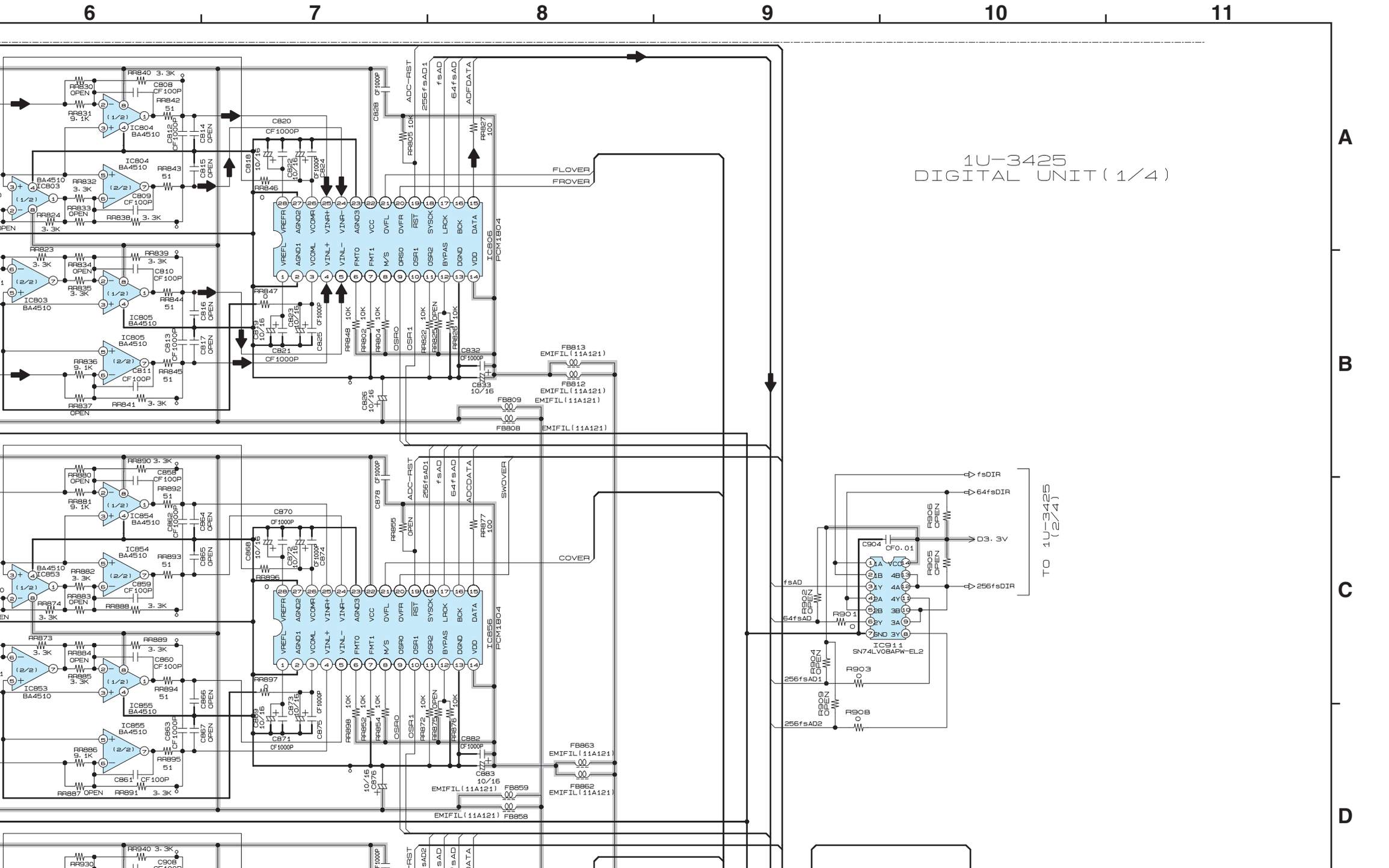
WARNING:
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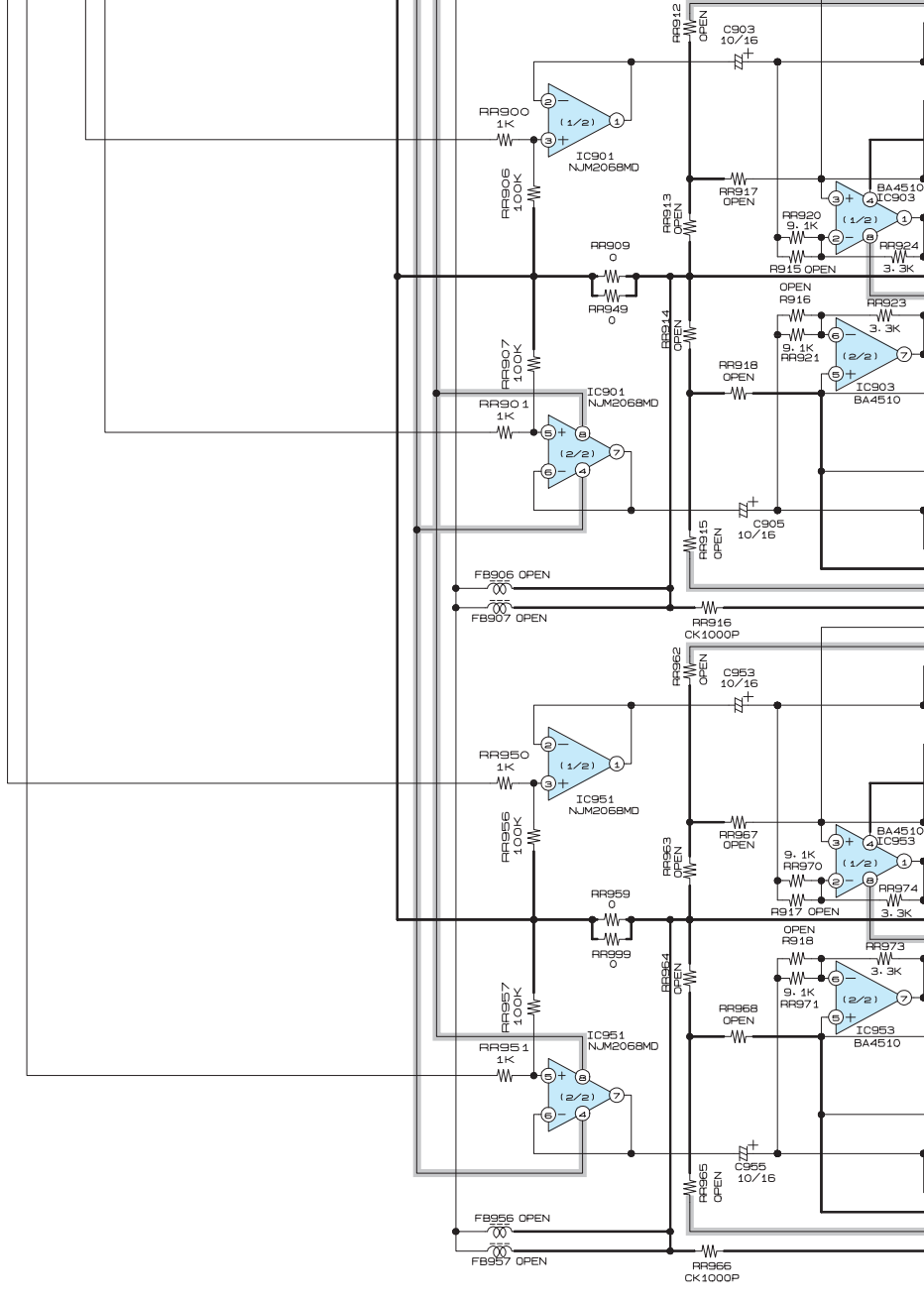
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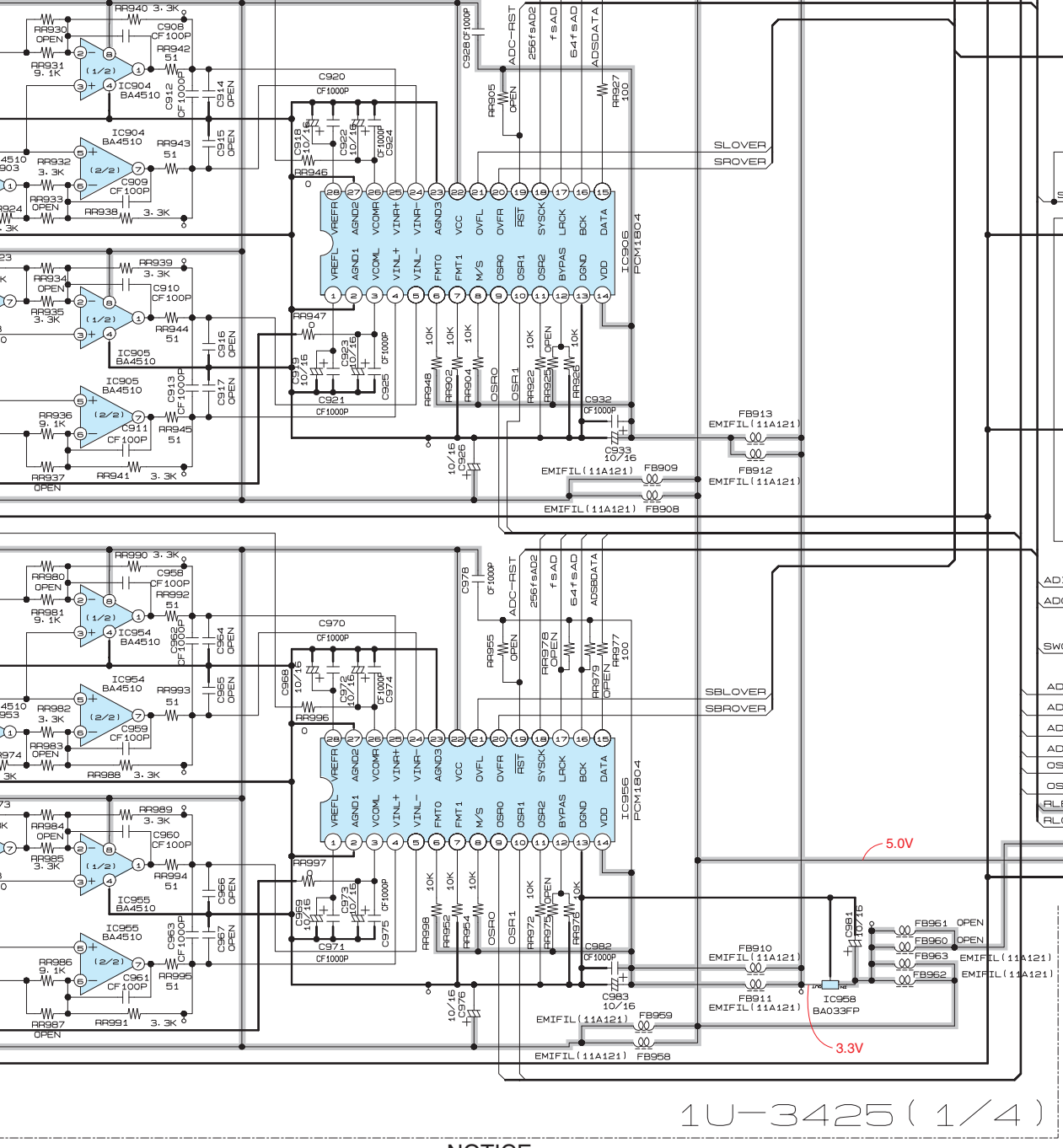
SCHEMATIC DIAGRAMS (5/19)
1U-3425 DIGITAL UNIT (1/4)

SCHEMATIC DIAGRAMS (5/19)




6
7
8
9
10
11
A
B
C
D
1U-3425
DIGITAL UNIT(1/4)
TO 1U-3425 (2/4)
FLOVER
FROVER
COVER
SWOVER
ADC-RST
256fsAD1
fsAD
64fsAD
ADFDATA
ADCDATA
IC806 PCM1804
IC856 PCM1804
IC911 SN74LV08APW-EL2
FB808 EMIFIL(11A121)
FB809 EMIFIL(11A121)
FB812 EMIFIL(11A121)
FB813 EMIFIL(11A121)
FB858 EMIFIL(11A121)
FB859 EMIFIL(11A121)
FB862 EMIFIL(11A121)
FB863 EMIFIL(11A121)
fsDIR
64fsDIR
D3.3V
256fsDIR
256fsAD1
256fsAD2
64fsAD


RR912 OPEN
C903 10/16
RR900 1K
IC901 NJM2068MD
RR906 100K
RR917 OPEN
RR913 OPEN
IC903 BA4510
RR920 9.1K
RR924 3.3K
RR915 OPEN
RR909 0
RR949 0
OPEN R916
RR923 3.3K
9.1K RR921
RR914 OPEN
RR907 100K
RR918 OPEN
RR901 1K
C905 10/16
RR915 OPEN
FB906 OPEN
FB907 OPEN
RR916 CK1000P
RR962 OPEN
C953 10/16
RR950 1K
IC951 NJM2068MD
RR956 100K
RR967 OPEN
RR963 OPEN
IC953 BA4510
9.1K RR970
RR974 3.3K
RR917 OPEN
RR959 0
RR999 0
OPEN R918
RR973 3.3K
RR964 OPEN
9.1K RR971
RR968 OPEN
RR957 100K
RR951 1K
C955 10/16
RR965 OPEN
FB956 OPEN
FB957 OPEN
RR966 CK1000P



NOTICE

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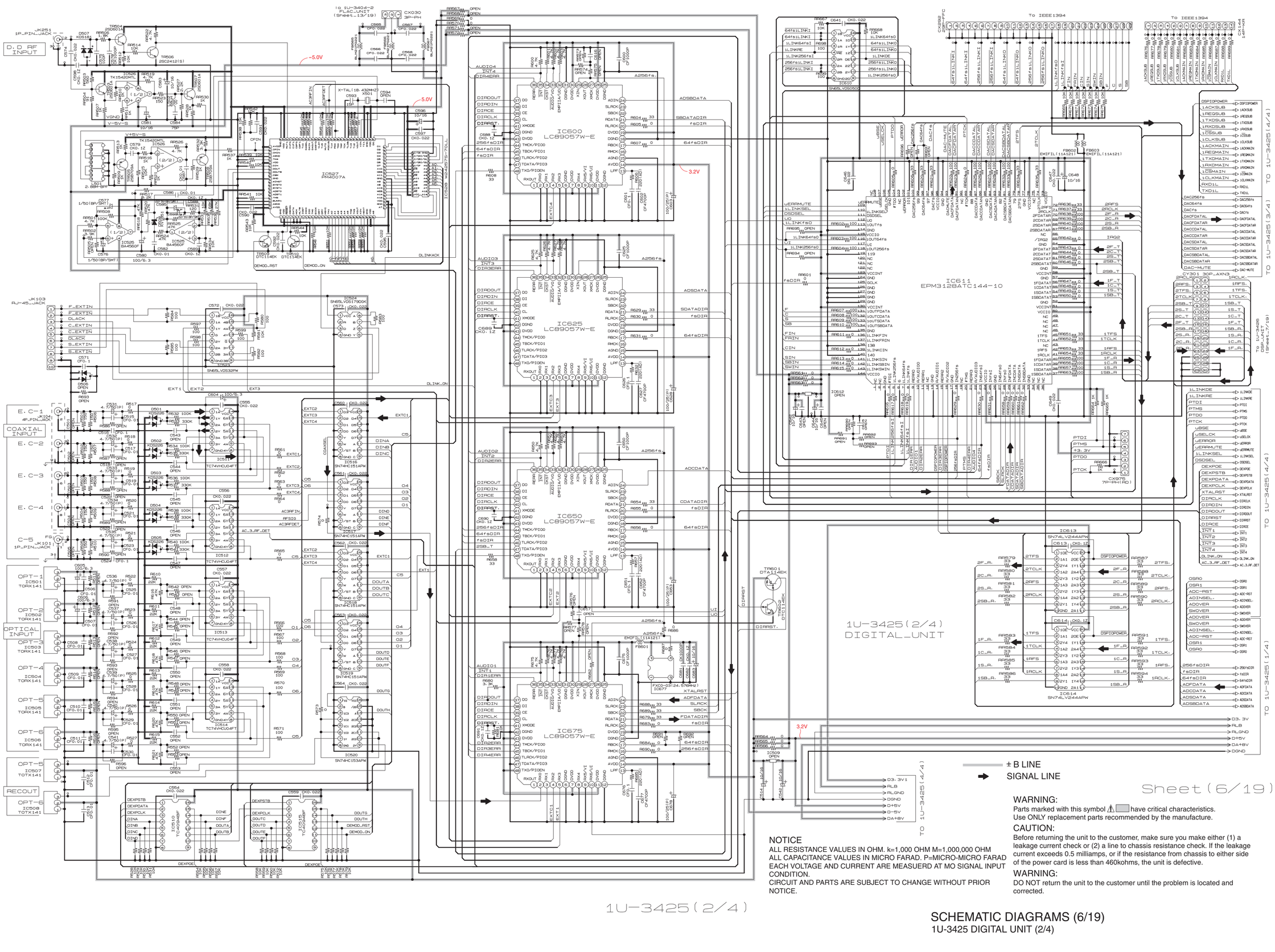
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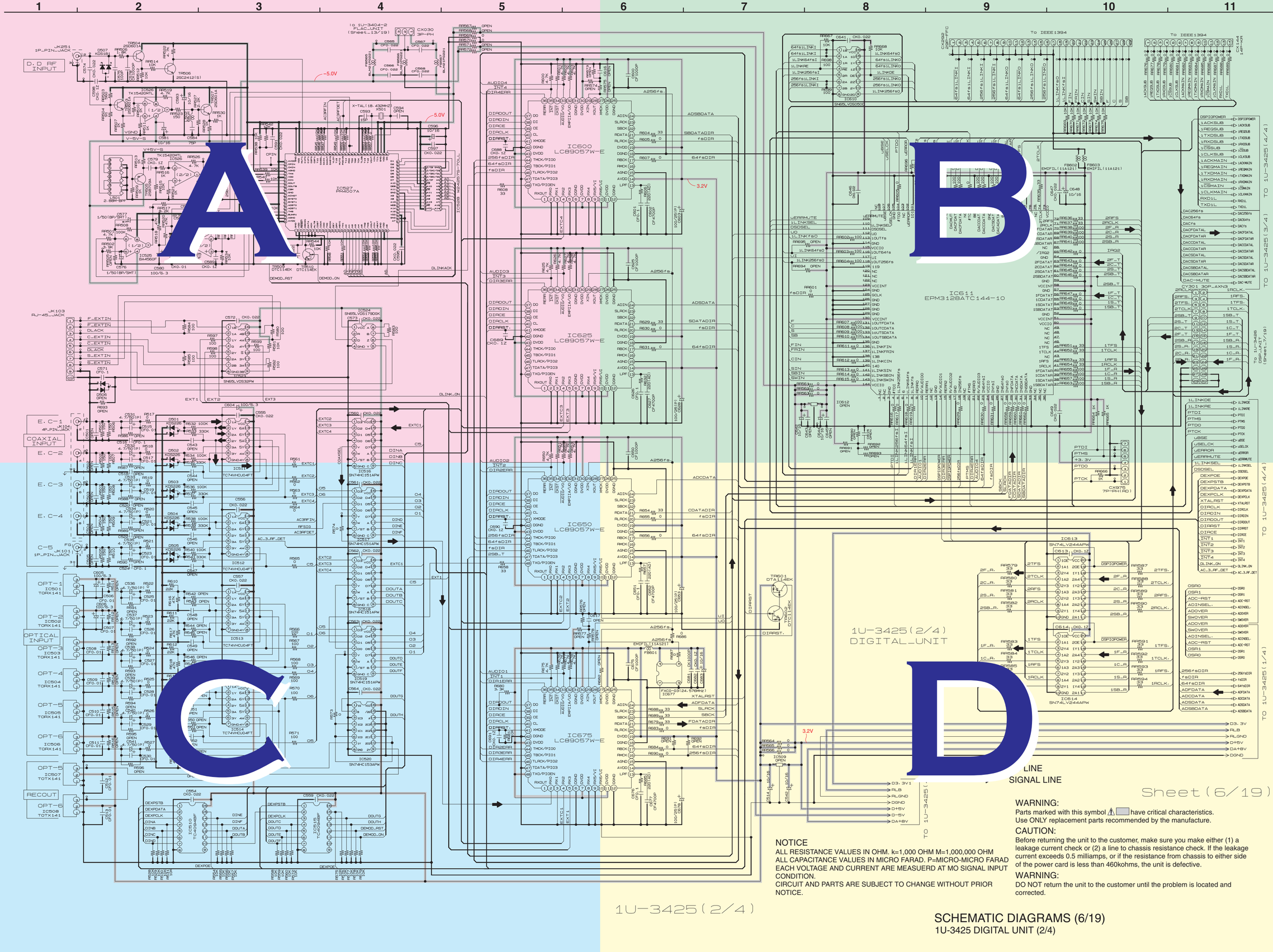
SCHEMATIC DIAGRAMS (5/19)

1U-3425 DIGITAL UNIT (1/4)

SCHEMATIC DIAGRAMS (6/19)



SCHEMATIC DIAGRAMS (6/19)



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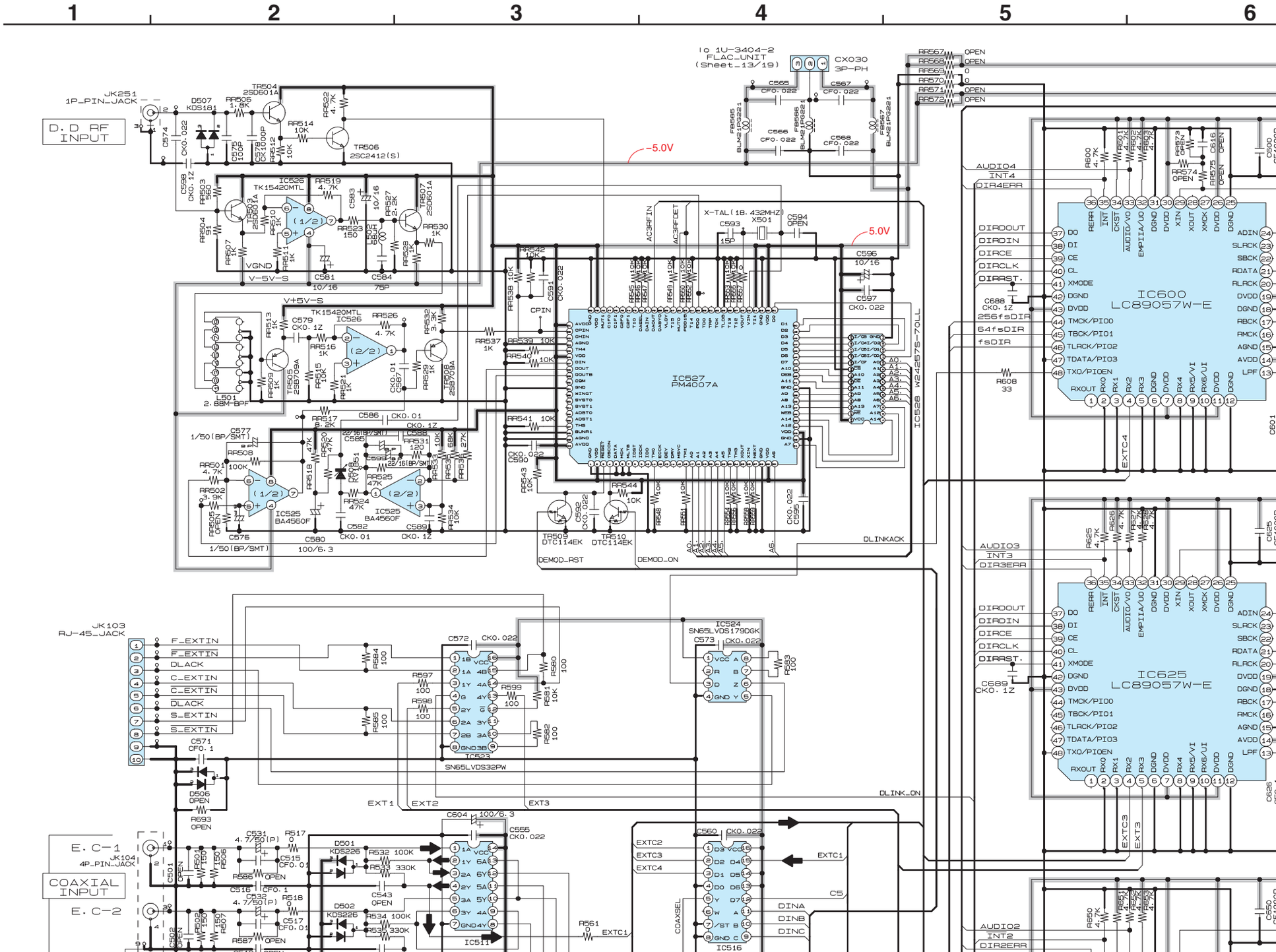
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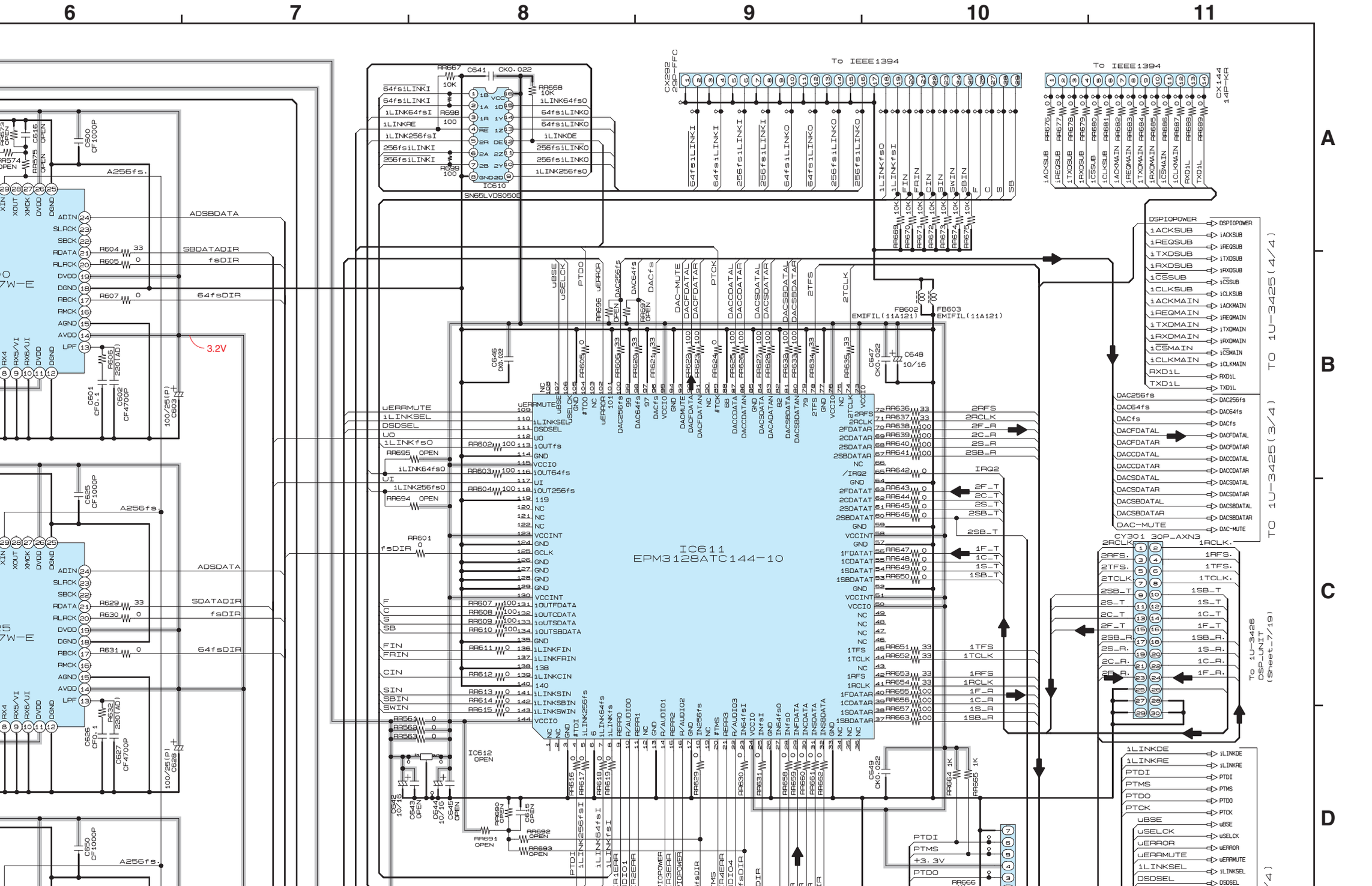
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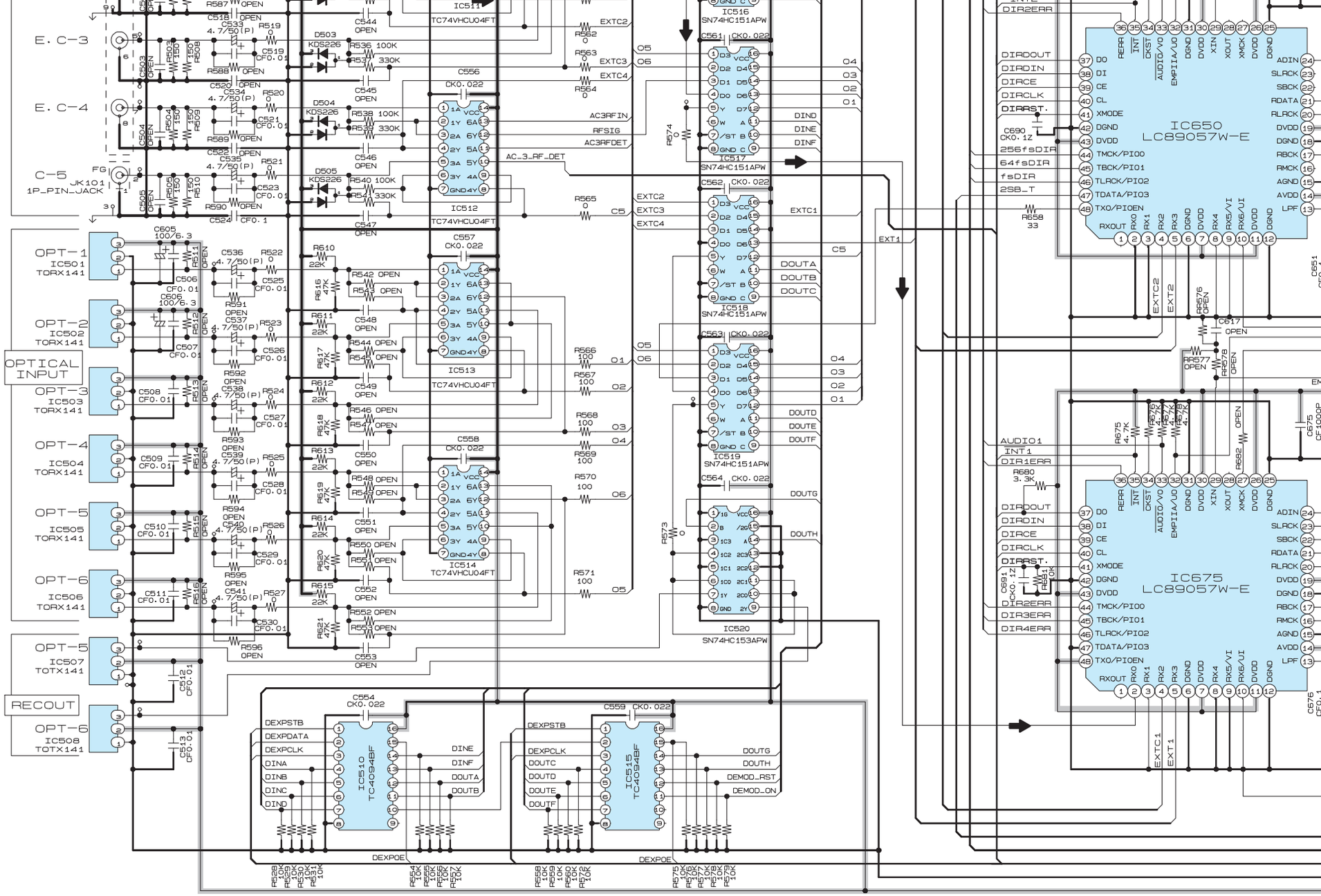
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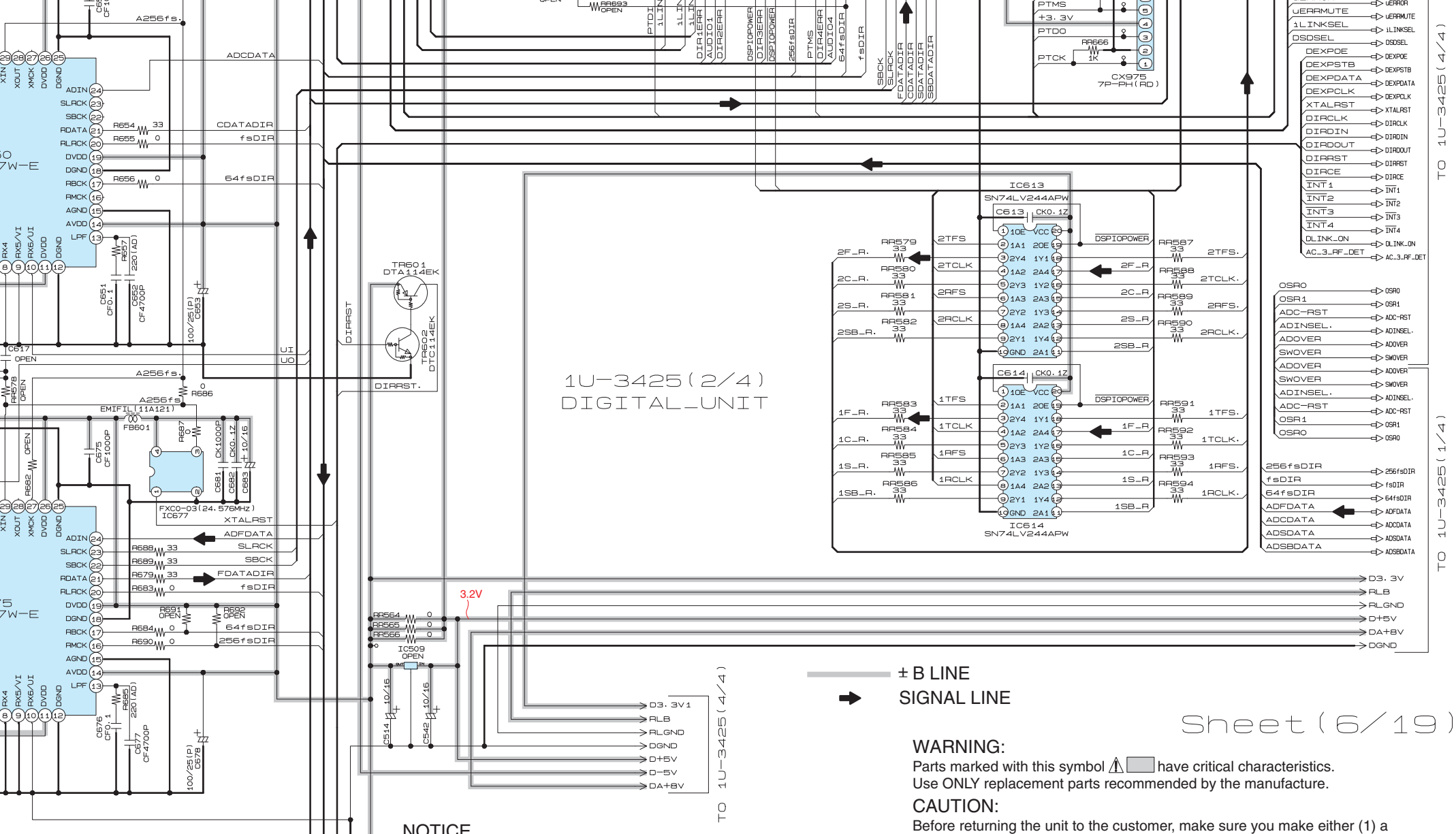
SCHEMATIC DIAGRAMS (6/19)
1U-3425 DIGITAL UNIT (2/4)

SCHEMATIC DIAGRAMS (6/19)




6
7
8
9
10
11
A
B
C
D
IC611
EPM3128ATC144-10
IC610
SN65LVDS050D
IC612
OPEN
To IEEE1394
To IEEE1394
CX292
29P-FFC
CX144
14P-KR
TO 1U-3425(4/4)
TO 1U-3425(3/4)
To 1U-3426
DSP_UNIT
(Sheet_7/19)
CY301 30P_AXN3
3.2V
+3.3V
ADSBDATA
SBDATADIR
fsDIR
64fsDIR
ADSDATA
SDATADIR
fsDIR
64fsDIR
A256fs.
EMIFIL(11A121)
FB602
FB603
IRQ2
PTDI
PTMS
PTDO
PTCK


E. C-3
E. C-4
C-5
JK101
1P_PIN_JACK
OPT-1
IC501
TORX141
OPT-2
IC502
TORX141
OPTICAL INPUT
OPT-3
IC503
TORX141
OPT-4
IC504
TORX141
OPT-5
IC505
TORX141
OPT-6
IC506
TORX141
OPT-5
IC507
TOTX141
RECOUT
OPT-6
IC508
TOTX141
IC512
TC74VHCU04FT
IC513
TC74VHCU04FT
IC514
TC74VHCU04FT
IC516
SN74HC151APW
IC517
SN74HC151APW
IC518
SN74HC151APW
IC519
SN74HC151APW
IC520
SN74HC153APW
IC510
TC4094BF
IC515
TC4094BF
IC650
LC89057W-E
IC675
LC89057W-E
AC_3_RF_DET
AC3RFIN
RFSIG
AC3RFDET
EXTC1
EXTC2
EXTC3
EXTC4
DOUTA
DOUTB
DOUTC
DOUTD
DOUTE
DOUTF
DOUTG
DOUTH
DINE
DINF
DEXPSTB
DEXPDATA
DEXPCLK
DEXPOE
DEMOD_RST
DEMOD_ON
EXT1
EXT2
AUDIO1
INT1
DIR1ERR
DIR2ERR
DIR3ERR
DIR4ERR
DIRDOUT
DIRDIN
DIRCE
DIRCLK
DIRRST.
256fsDIR
64fsDIR
fsDIR
2SB_T



Sheet(6/19)

NOTICE

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WARNING:

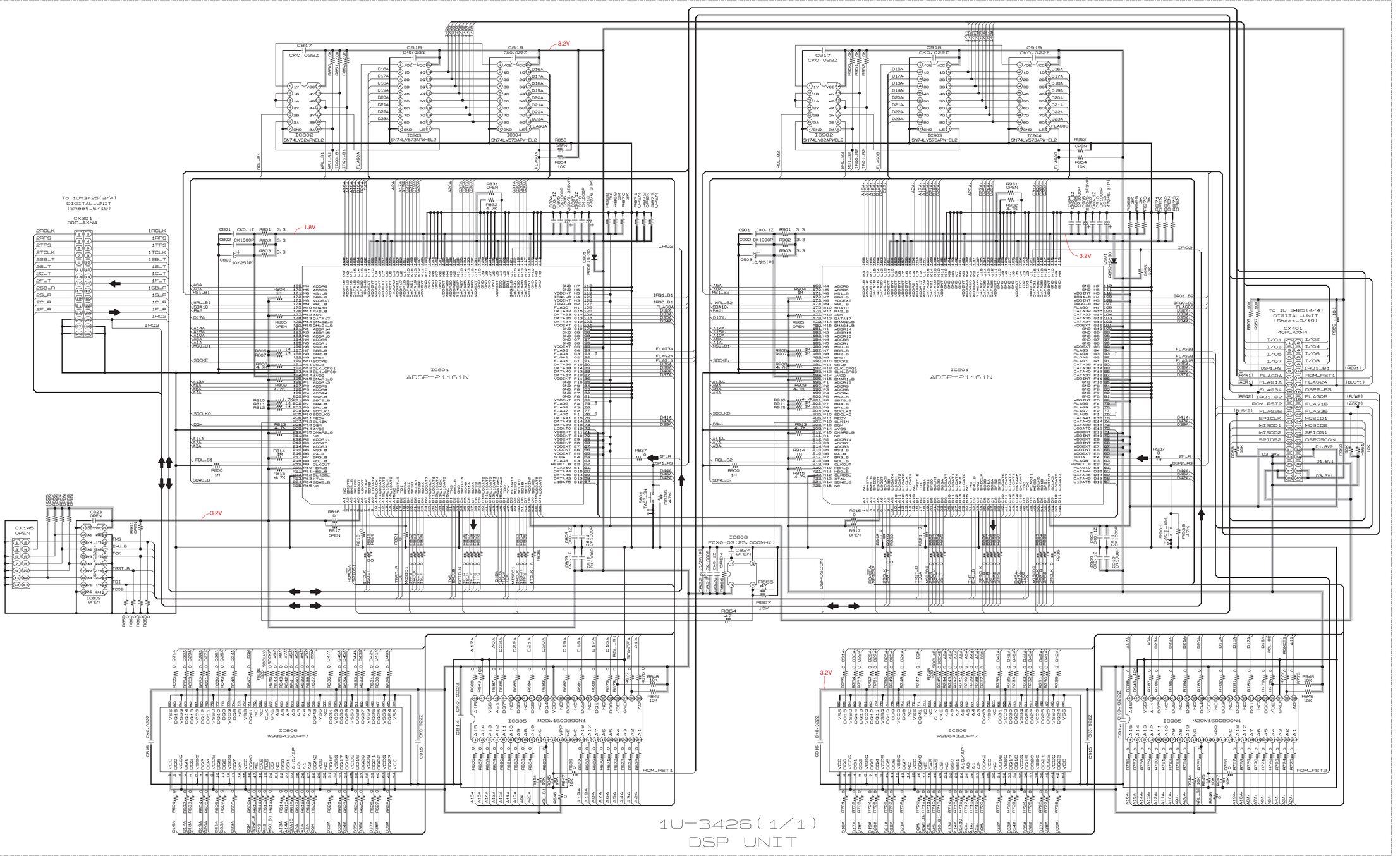
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1U-3425(2/4)

SCHEMATIC DIAGRAMS (6/19)

1U-3425 DIGITAL UNIT (2/4)

SCHEMATIC DIAGRAMS (7/19)



NOTICE
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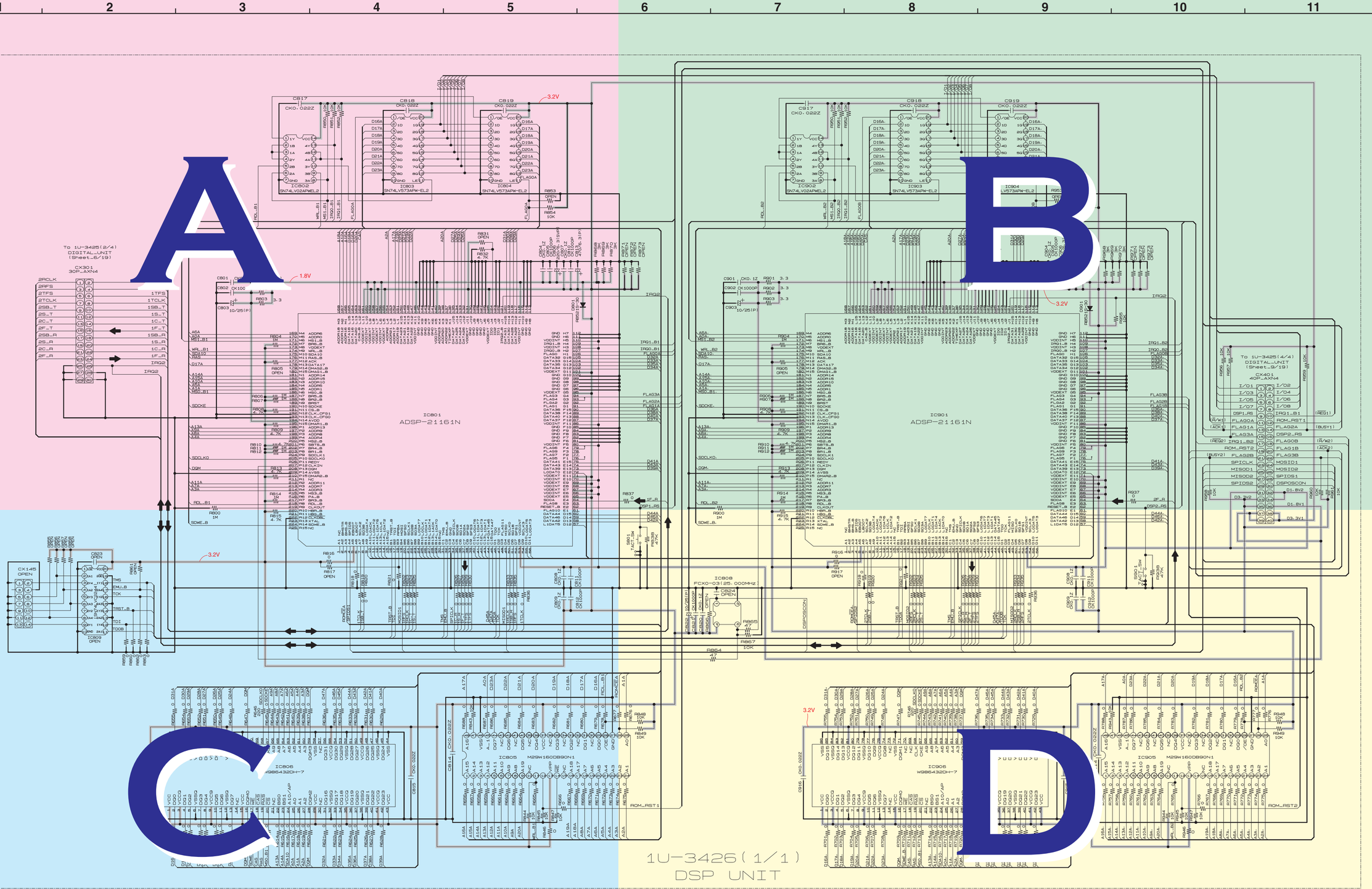
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WARNING:
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+ B LINE
SIGNAL LINE

SCHEMATIC DIAGRAMS (7/19)
1U-3426 DSP UNIT

SCHEMATIC DIAGRAMS (7/19)



NOTICE

ALL RESISTANCE VALUES IN OHM. k=1,000 OHM M=1,000,000 OHM
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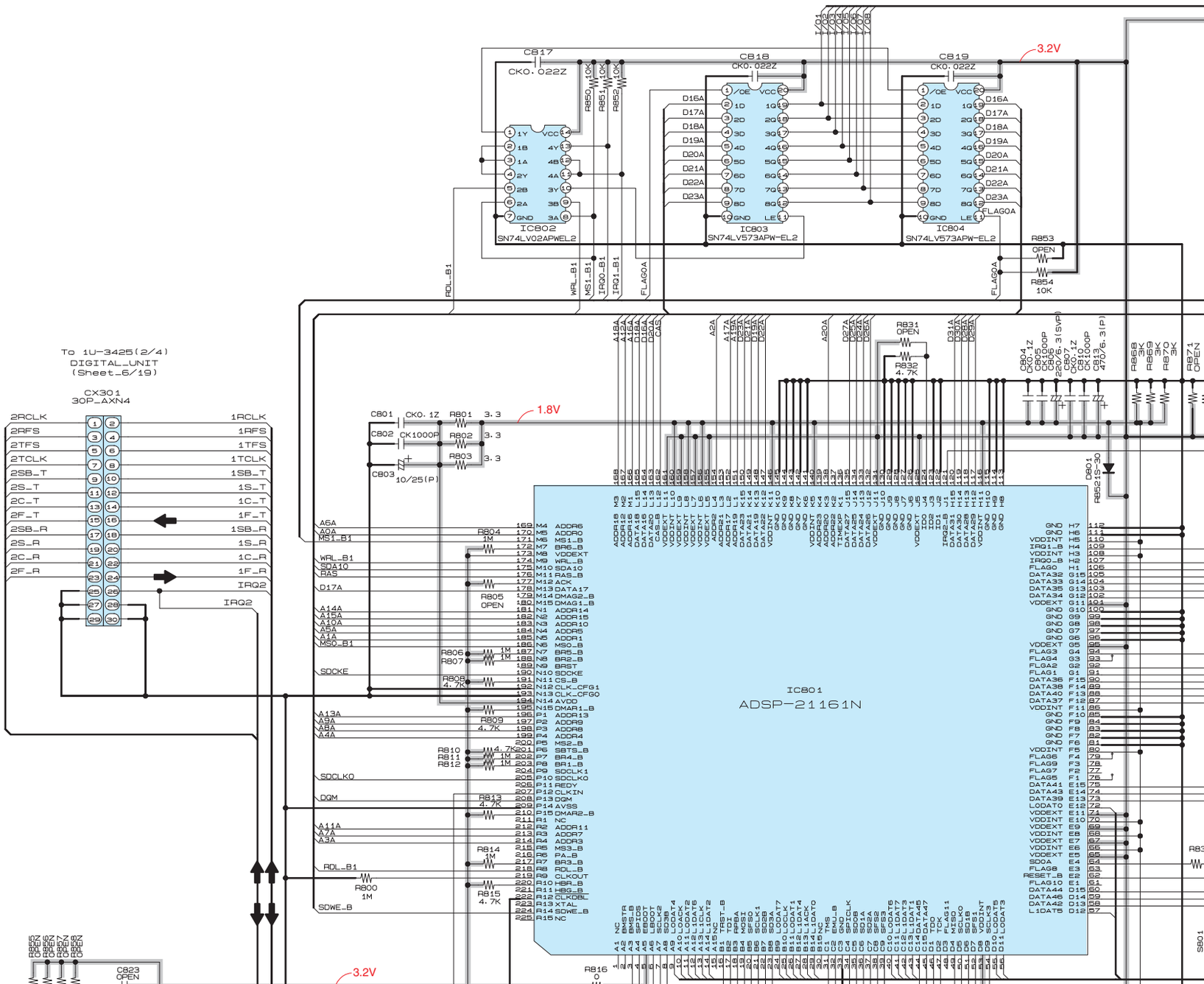
+ B LINE
SIGNAL LINE

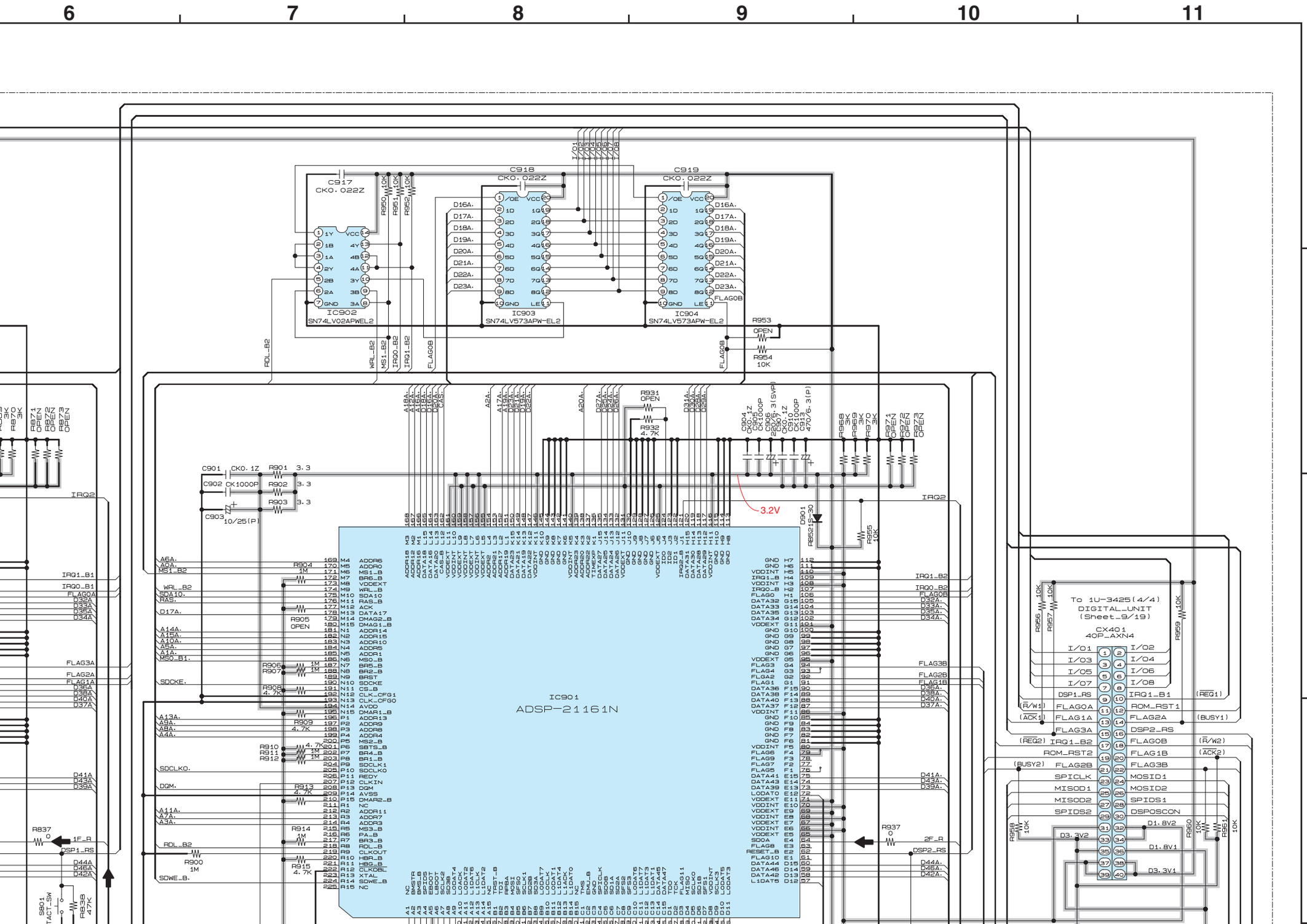
SCHEMATIC DIAGRAMS (7/19)

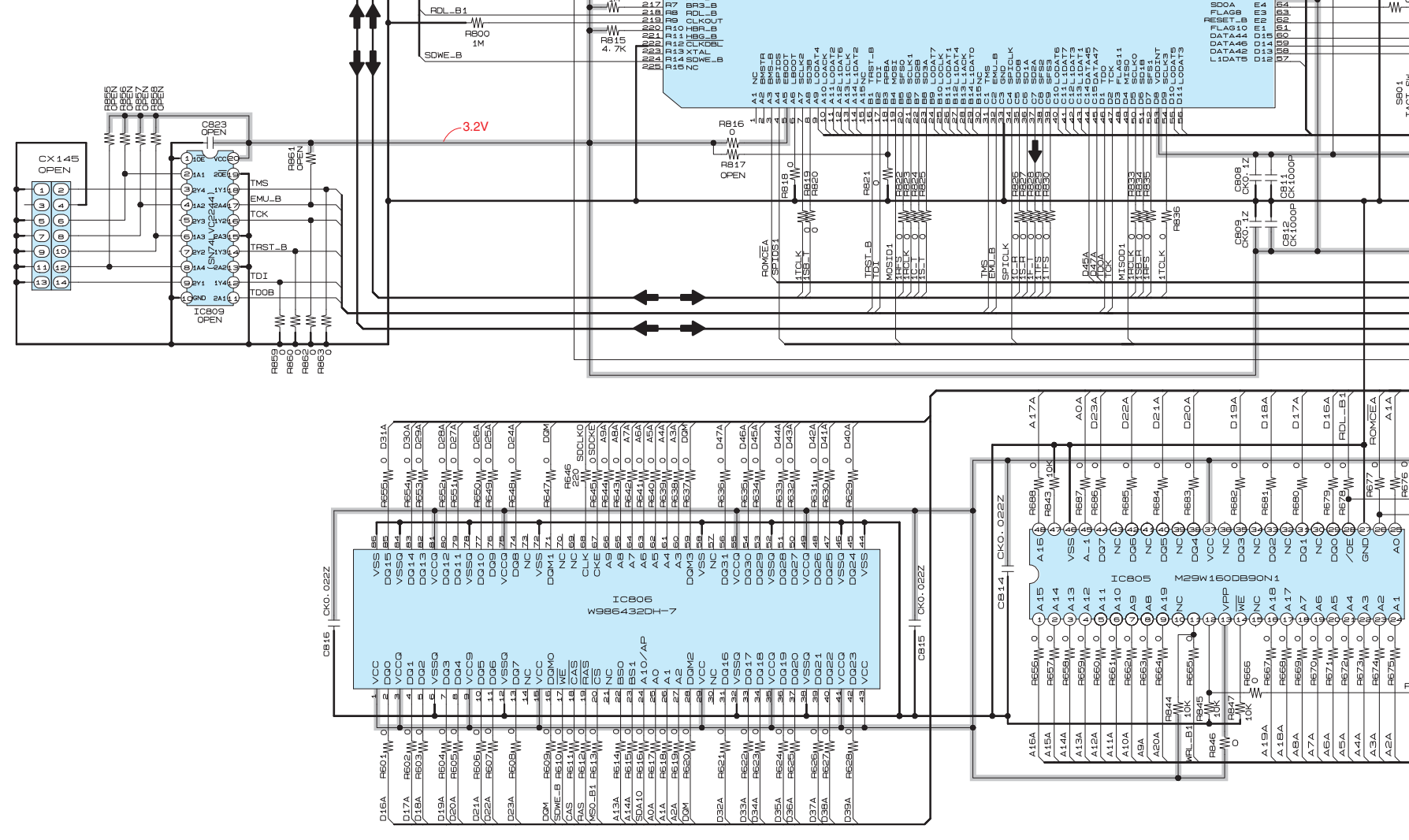
1U-3426 DSP UNIT

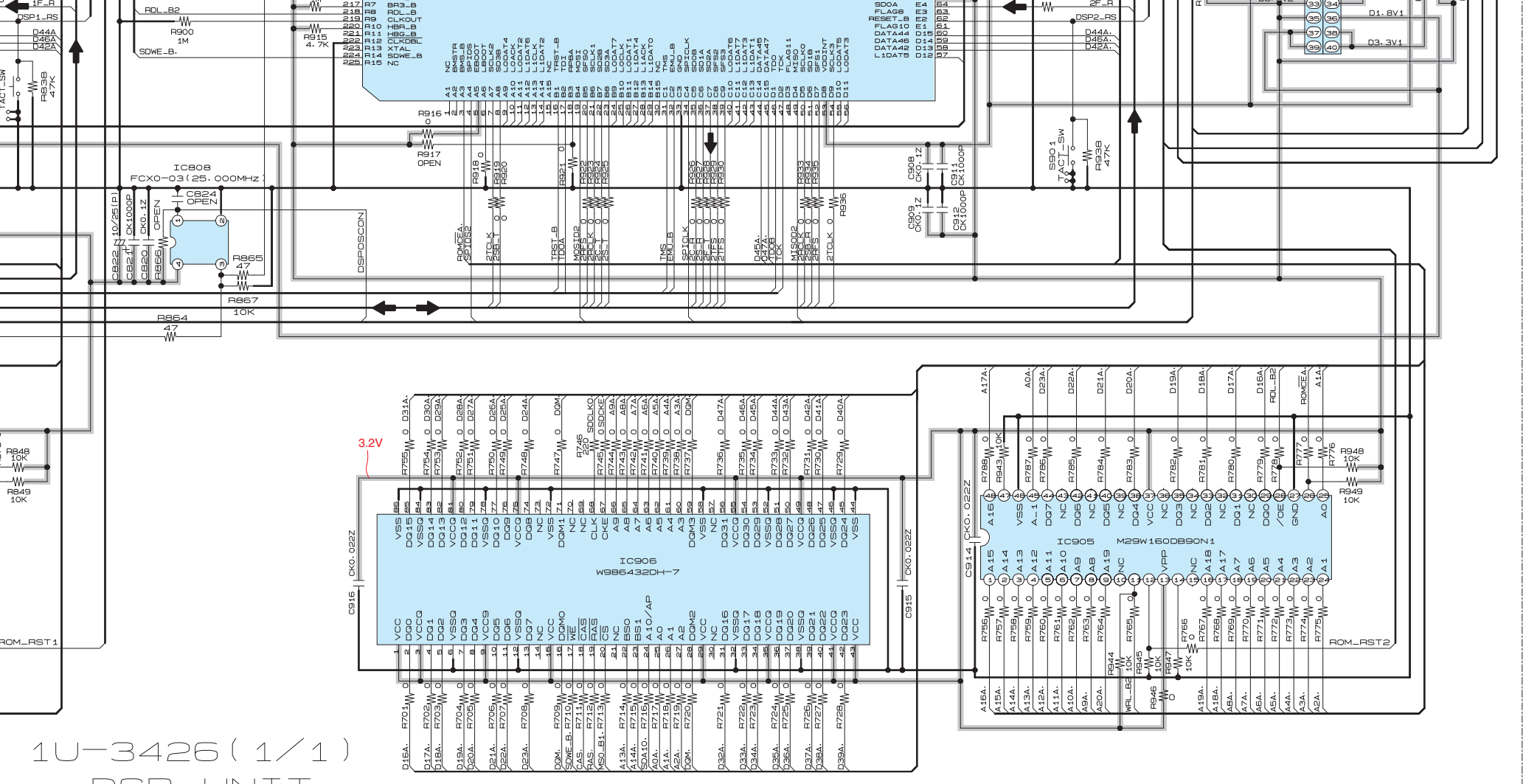
SCHEMATIC DIAGRAMS (7/19)

1 2 3 4 5




6
7
8
9
10
11
A
B
C
D
IC901
ADSP-21161N
IC902
SN74LV02APWEL2
IC903
SN74LV573APW-EL2
IC904
SN74LV573APW-EL2
C917
CK0.022Z
C918
CK0.022Z
C919
CK0.022Z
C901
CK0.1Z
C902
CK1000P
C903
10/25(P)
R901
R902
R903
R931
OPEN
R932
4.7K
R953
OPEN
R954
10K
3.2V
D901
RB521S-30
IRQ2
IRQ1_B1
IRQ0_B1
FLAG0A
FLAG1A
FLAG2A
FLAG3A
SDCKE.
SDCLKO.
DQM.
SDWE_B.
RDL_B2
WRL_B2
MS1_B2
IRQ0_B2
IRQ1_B2
FLAG0B
FLAG1B
FLAG2B
FLAG3B
1F_R
2F_R
DSP1_RS
DSP2_RS
To 1U-3425(4/4)
DIGITAL_UNIT
(Sheet_9/19)
CX401
40P_AXN4
ROM_RST1
ROM_RST2
SPICLK
MISOD1
MISOD2
SPIDS1
SPIDS2
DSPOSCON
MOSID1
MOSID2
D1.8V2
D1.8V1
D3.3V2
D3.3V1
S901
RESET
R837
R838
47K
R900
1M
R905
OPEN
R909
4.7K
R914
1M
R915
4.7K
R913
4.7K
R908
4.7K
R910
4.7K
R911
1M
R912
1M
R906
1M
R907
1M
R904
1M
R965
10K
R966
10K
R967
10K
R968
3K
R969
3K
R970
3K
R971
OPEN
R972
OPEN
R973
OPEN
R958
10K
R960
10K
R961
10K
R959
10K


3.2V
CX145
OPEN
C823
OPEN
IC809
OPEN
SN74LVC2T45
TMS
EMU_B
TCK
TRST_B
TDI
TDOB
R816
0
R817
OPEN
R818
0
R820
0
R821
0
R836
0
C808
CK0.1Z
C809
CK0.1Z
C811
CK1000P
C812
CK1000P
IC806
W986432DH-7
IC805
M29W160DB90N1
C814
CK0.022Z
C815
CK0.022Z
C816
CK0.022Z
RDL_B1
ROMCEA
R800
1M
R815
4.7K



1U-3426(1/1)

Sheet(7/19)

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

WARNING:

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

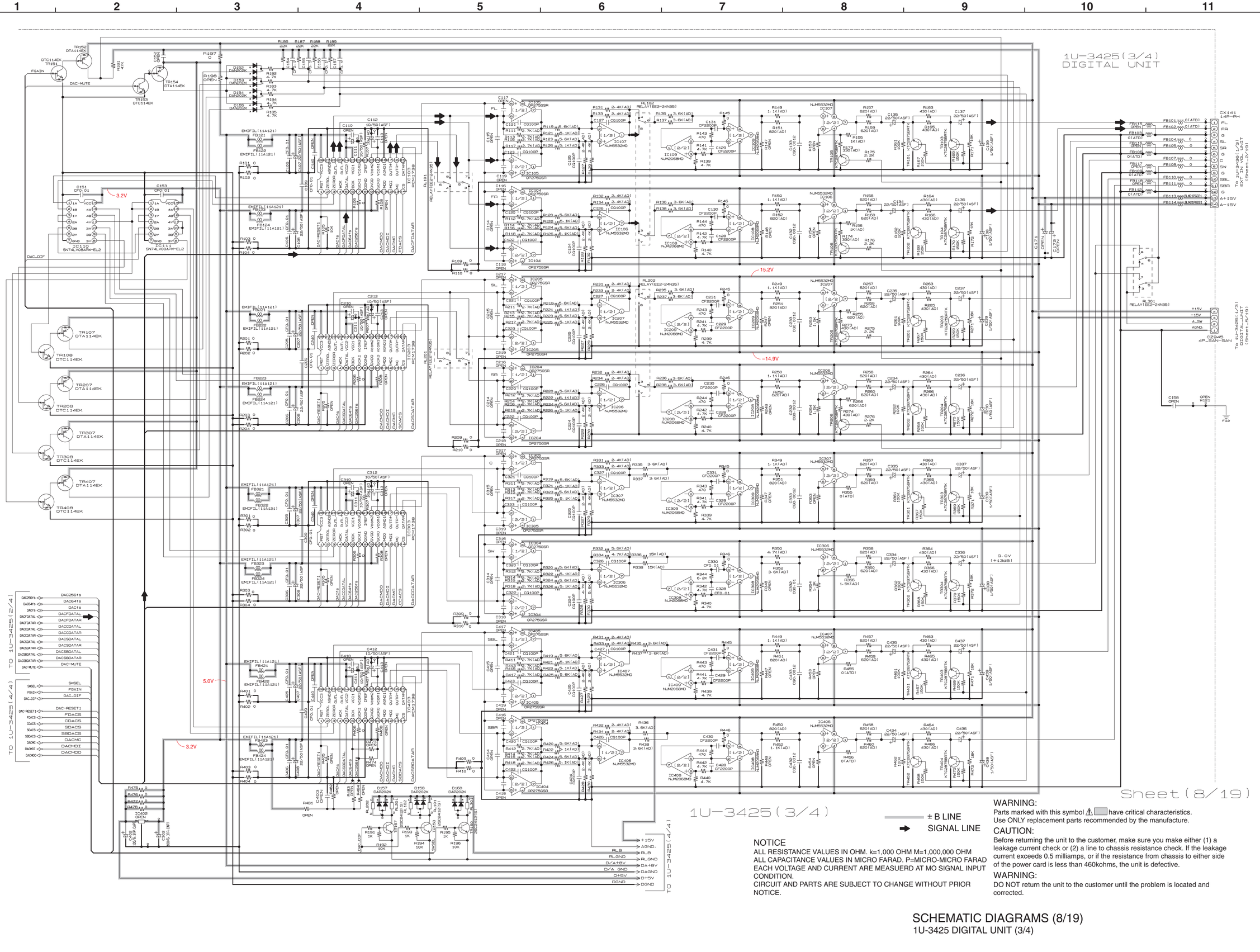
+ B LINE

➡ SIGNAL LINE

SCHEMATIC DIAGRAMS (7/19)

1U-3426 DSP UNIT

SCHEMATIC DIAGRAMS (8/19)



NOTICE

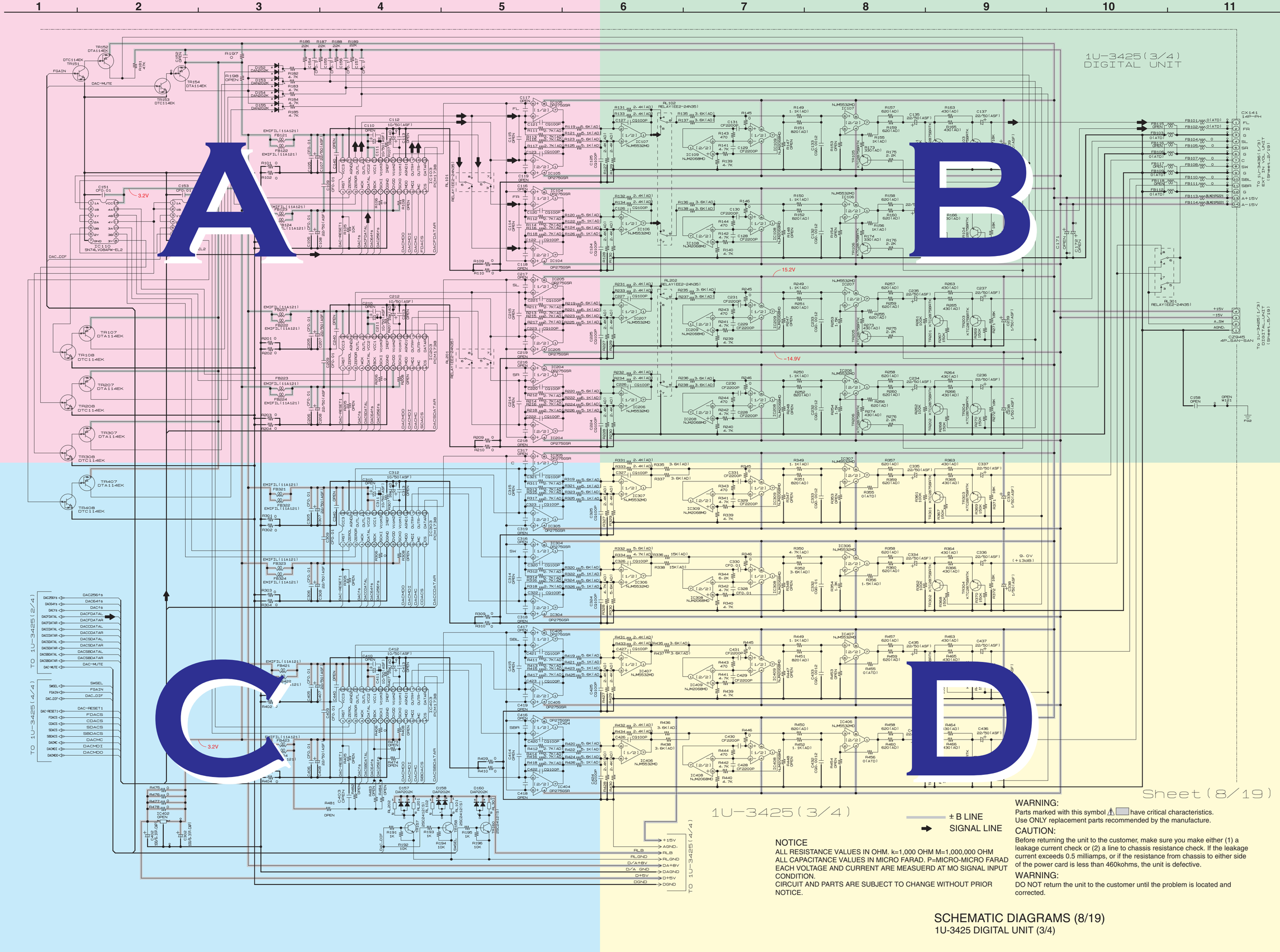
ALL RESISTANCE VALUES IN OHM. k=1,000 OHM M=1,000,000 OHM
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SCHEMATIC DIAGRAMS (8/19)



Sheet(8/19)

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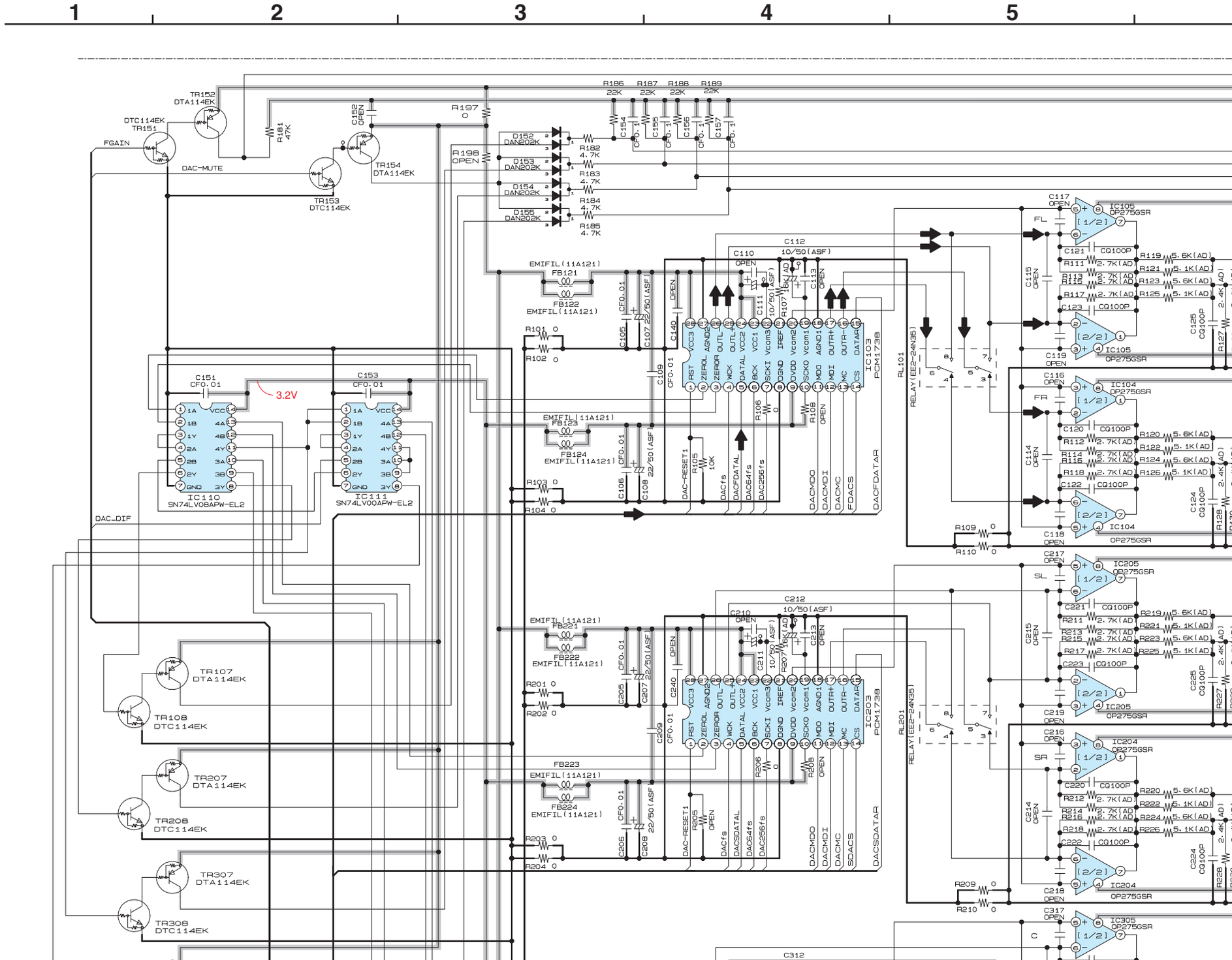
WARNING:
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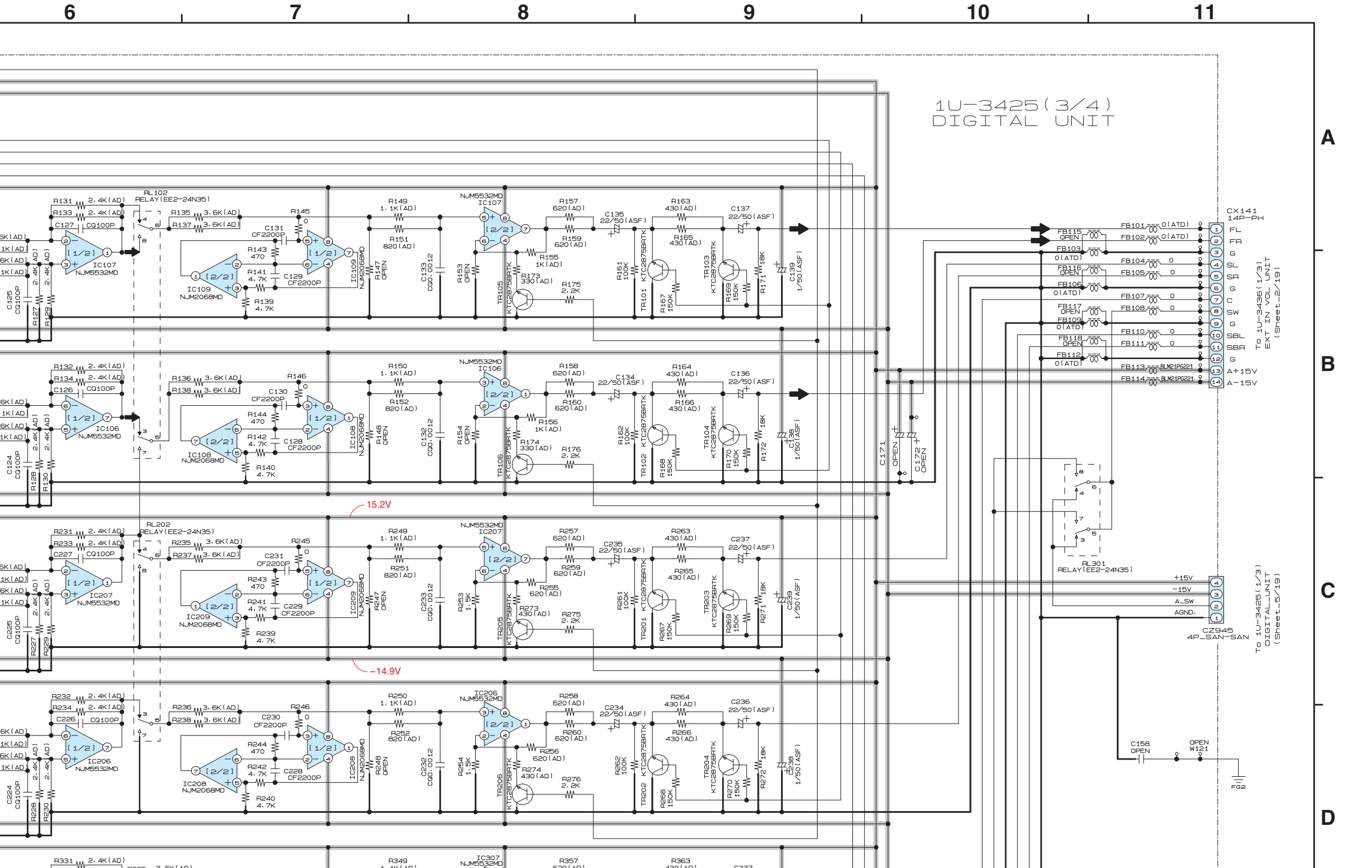
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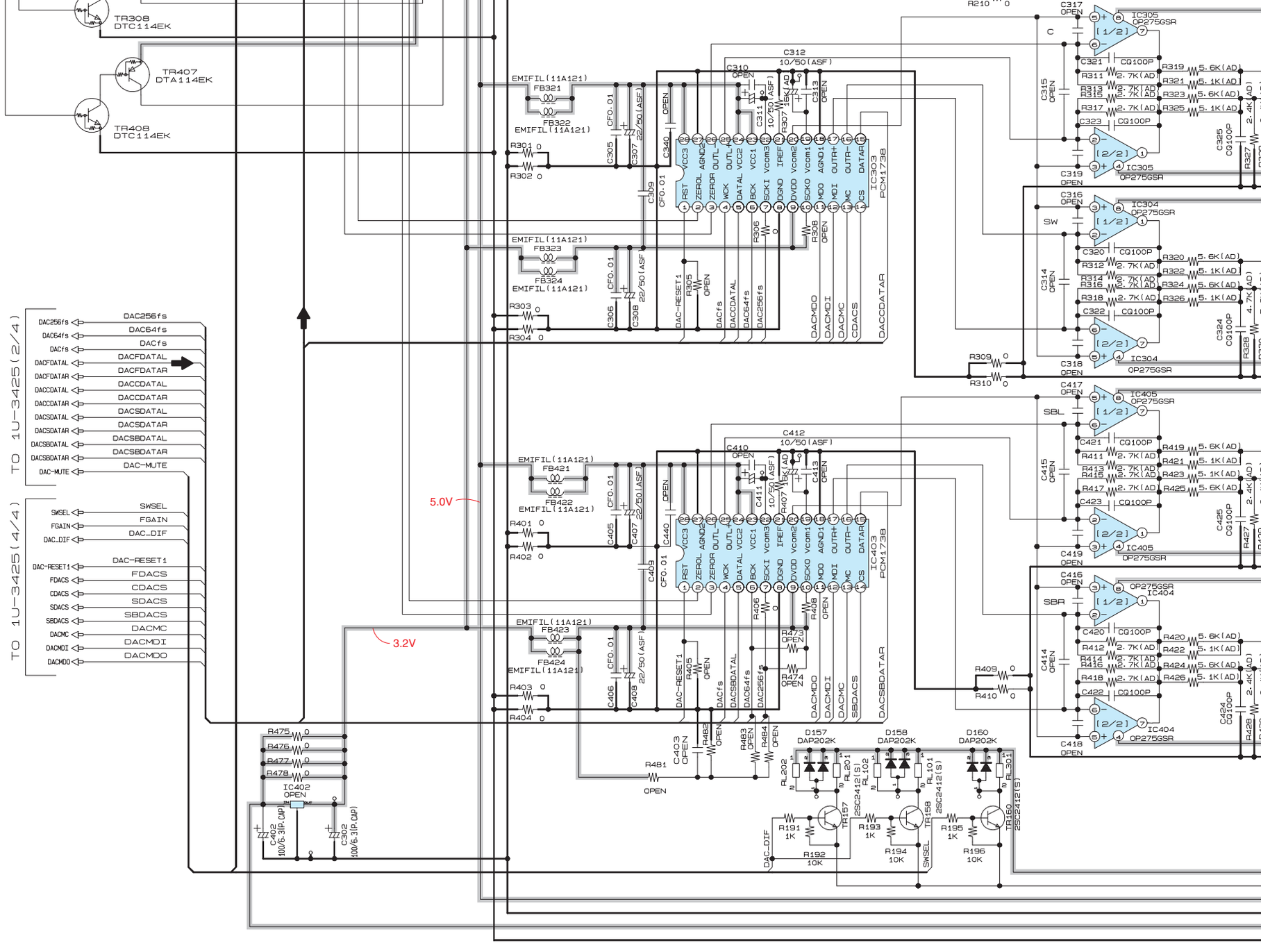
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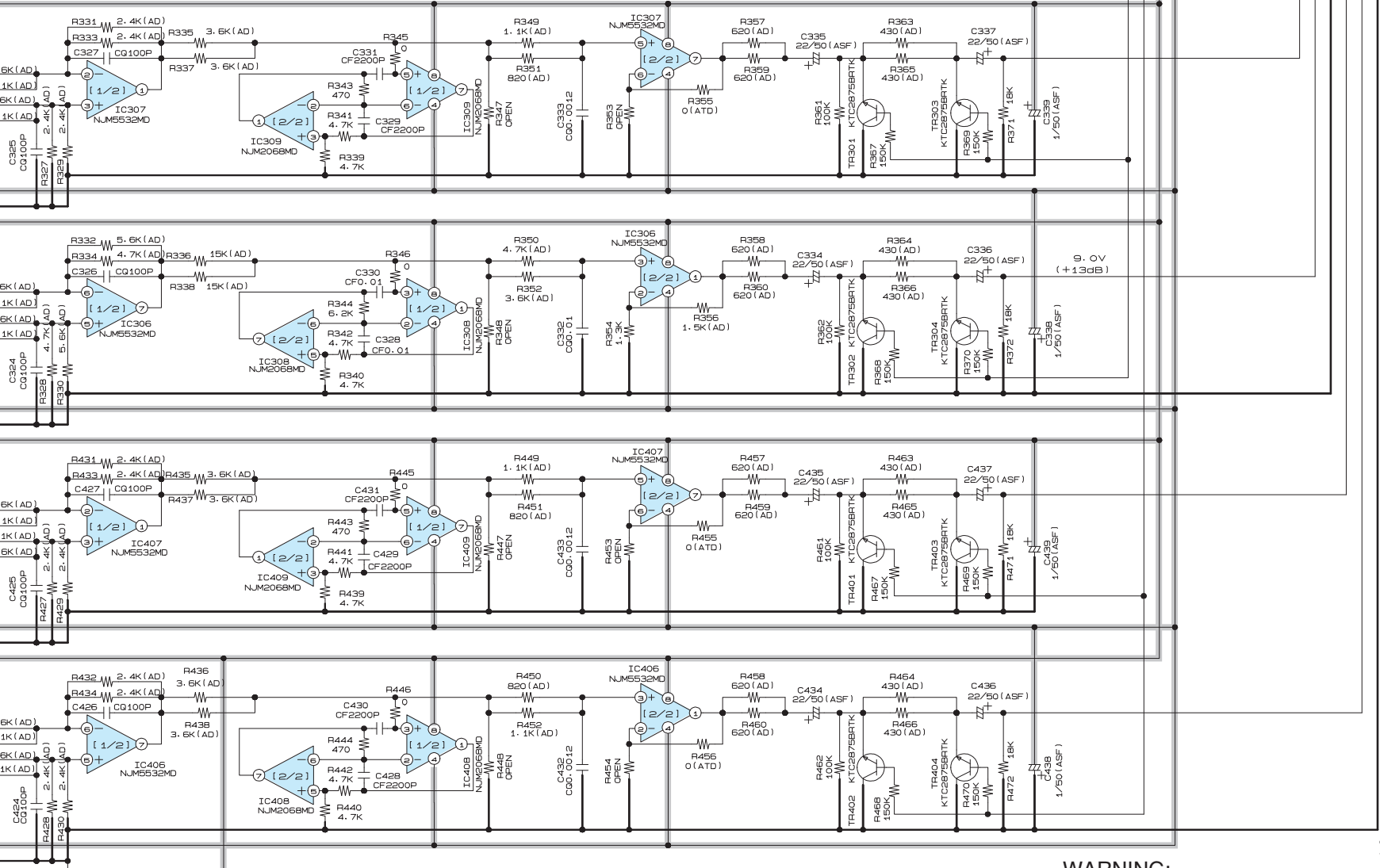
SCHEMATIC DIAGRAMS (8/19)
1U-3425 DIGITAL UNIT (3/4)

SCHEMATIC DIAGRAMS (8/19)




6
7
8
9
10
11
A
B
C
D
1U-3425(3/4)
DIGITAL UNIT
15.2V
-14.9V
RL102
RELAY(EE2-24N35)
RL202
RELAY(EE2-24N35)
RL301
RELAY(EE2-24N35)
IC107
NJM5532MD
IC106
NJM5532MD
IC207
NJM5532MD
IC206
NJM5532MD
IC307
NJM5532MD
IC109
NJM2068MD
IC108
NJM2068MD
IC209
NJM2068MD
IC208
NJM2068MD
CX141
14P-PH
FL
FR
G
SL
SR
G
C
SW
G
SBL
SBR
G
A+15V
A-15V
CZ945
4P_SAN-SAN
+15V
-15V
A_SW
AGND.
TO 1U-3436(1/3)
EXT IN VOL UNIT
(Sheet_2/19)
TO 1U-3425(1/3)
DIGITAL UNIT
(Sheet_5/19)
FG2


TR308
DTC114EK
TR407
DTA114EK
TR408
DTC114EK
TO 1U-3425(2/4)
DAC256fs
DAC64fs
DACfs
DACFDATAL
DACFDATAR
DACCDATAL
DACCDATAR
DACSDATAL
DACSDATAR
DACSBDATAL
DACSBDATAR
DAC-MUTE
TO 1U-3425(4/4)
SWSEL
FGAIN
DAC_DIF
DAC-RESET1
FDACS
CDACS
SDACS
SBDACS
DACMC
DACMDI
DACMDO
5.0V
3.2V
IC303
PCM1738
IC403
PCM1738
IC305
OP275GSR
IC304
OP275GSR
IC405
OP275GSR
IC404
OP275GSR
IC402
OPEN
D157
DAP202K
D158
DAP202K
D160
DAP202K
TR157
2SC2412(S)
TR158
2SC2412(S)
TR160
2SC2412(S)
SW
SBL
SBR
C
DACDATAR

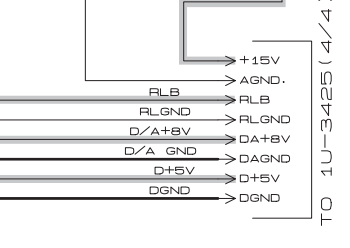


Sheet (8/19)

1U-3425 (3/4)

± B LINE

SIGNAL LINE



NOTICE

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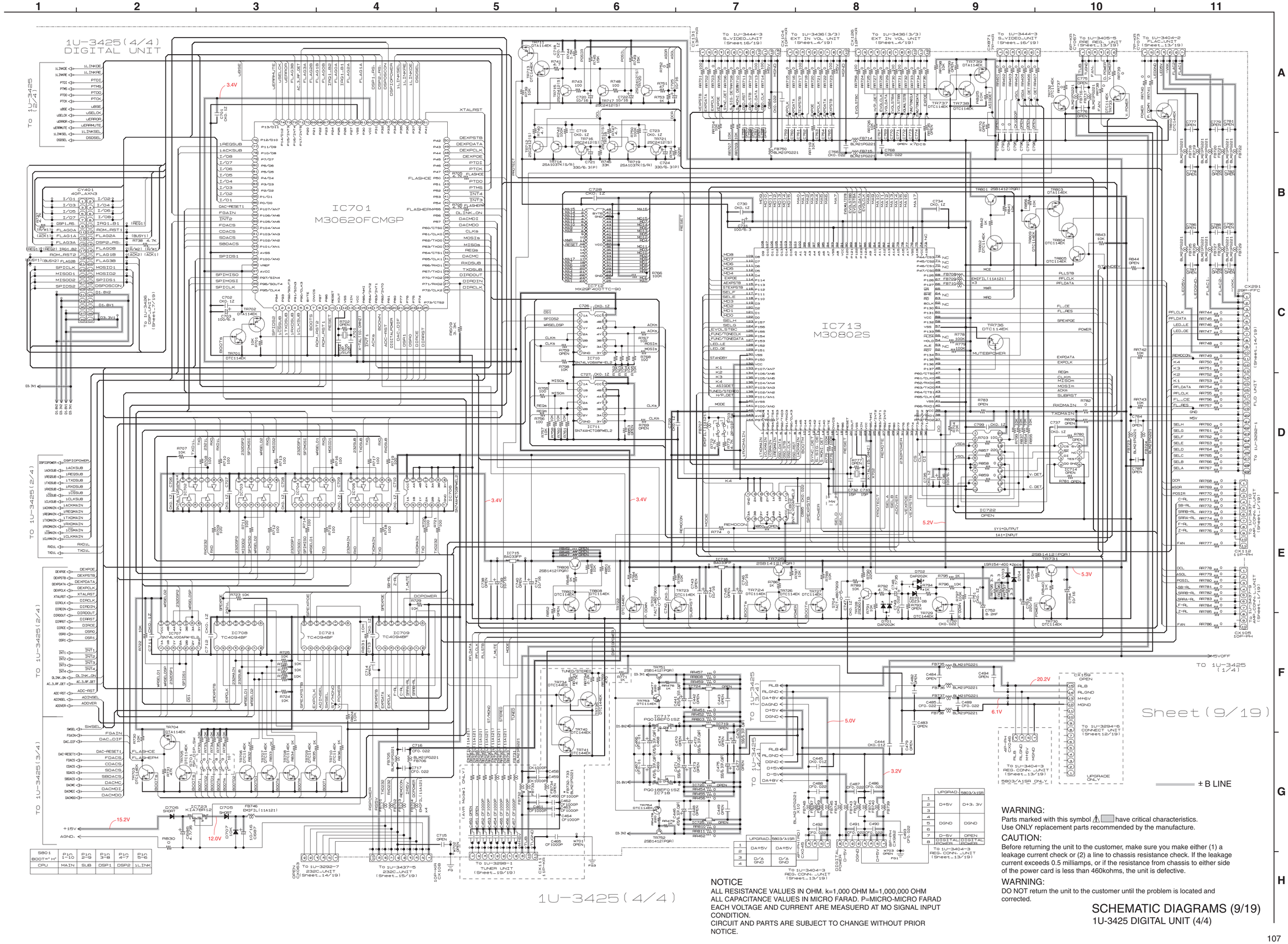
WARNING:

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SCHEMATIC DIAGRAMS (8/19)

1U-3425 DIGITAL UNIT (3/4)

SCHEMATIC DIAGRAMS (9/19)



S801 BOOT="H"	Pin 1-10	Pin 2-9	Pin 3-8	Pin 4-7	Pin 5-6
CPU	MAIN	SUB	DSP1	DSP2	1LINK

NOTICE

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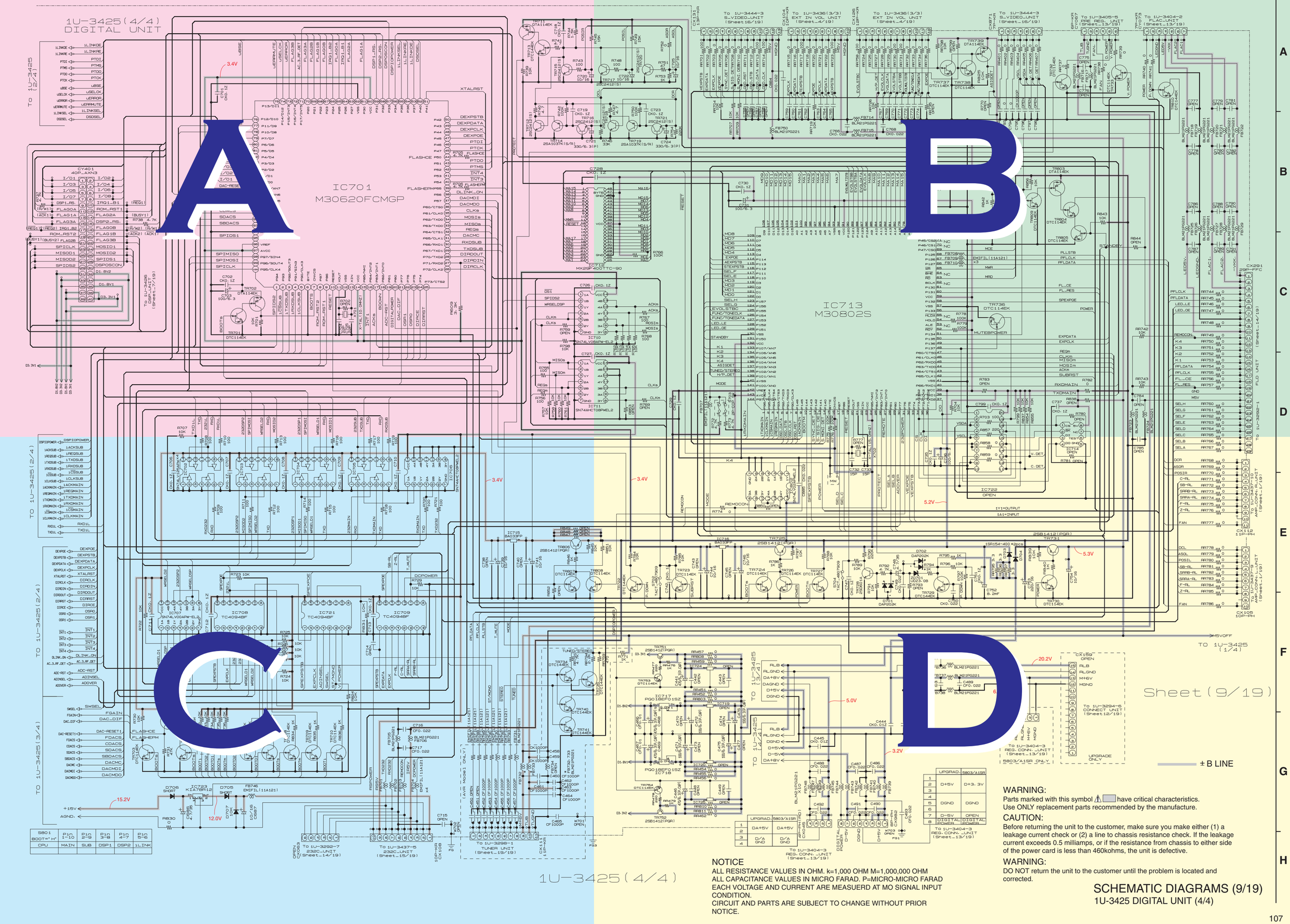
WARNING:

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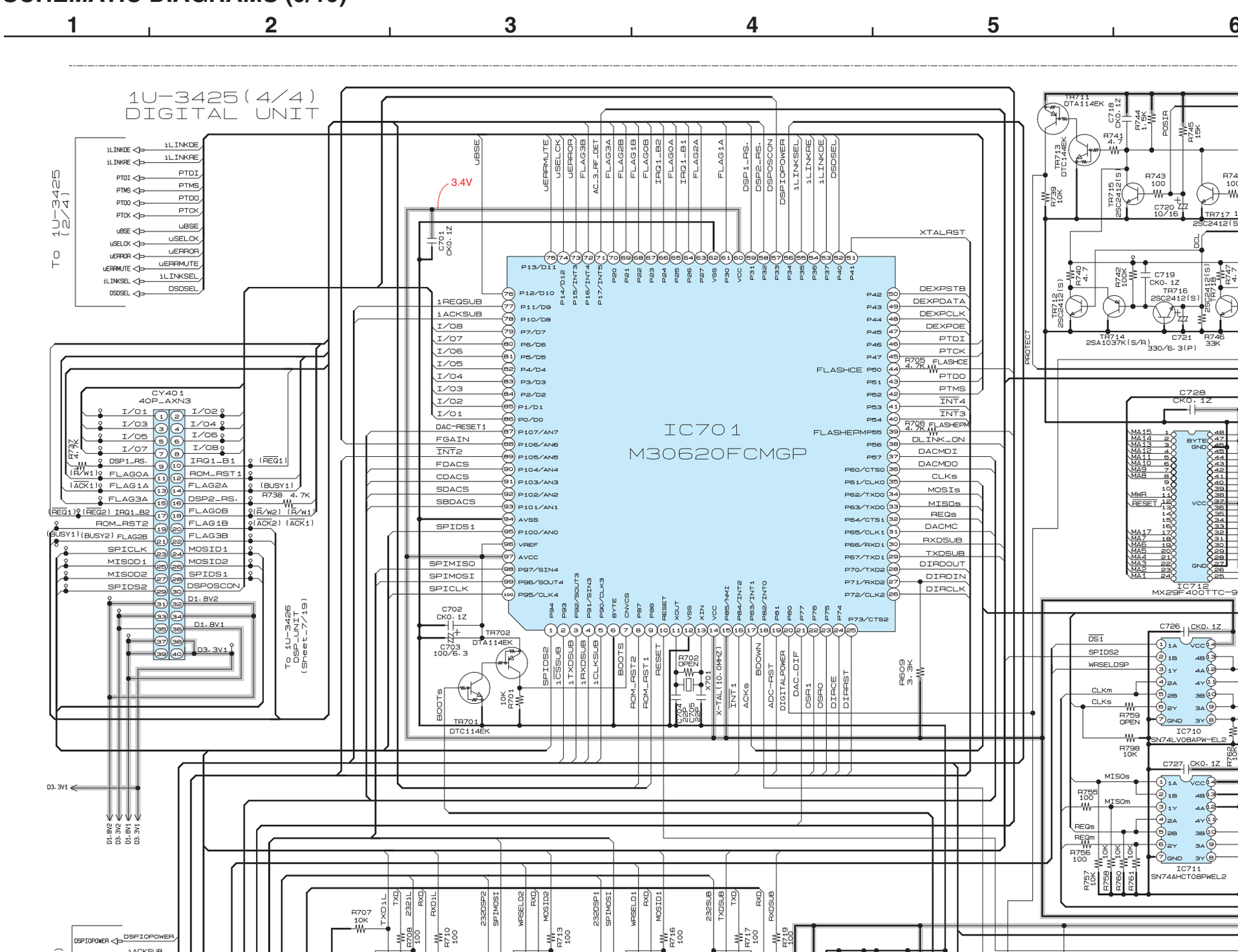
SCHEMATIC DIAGRAMS (9/19)

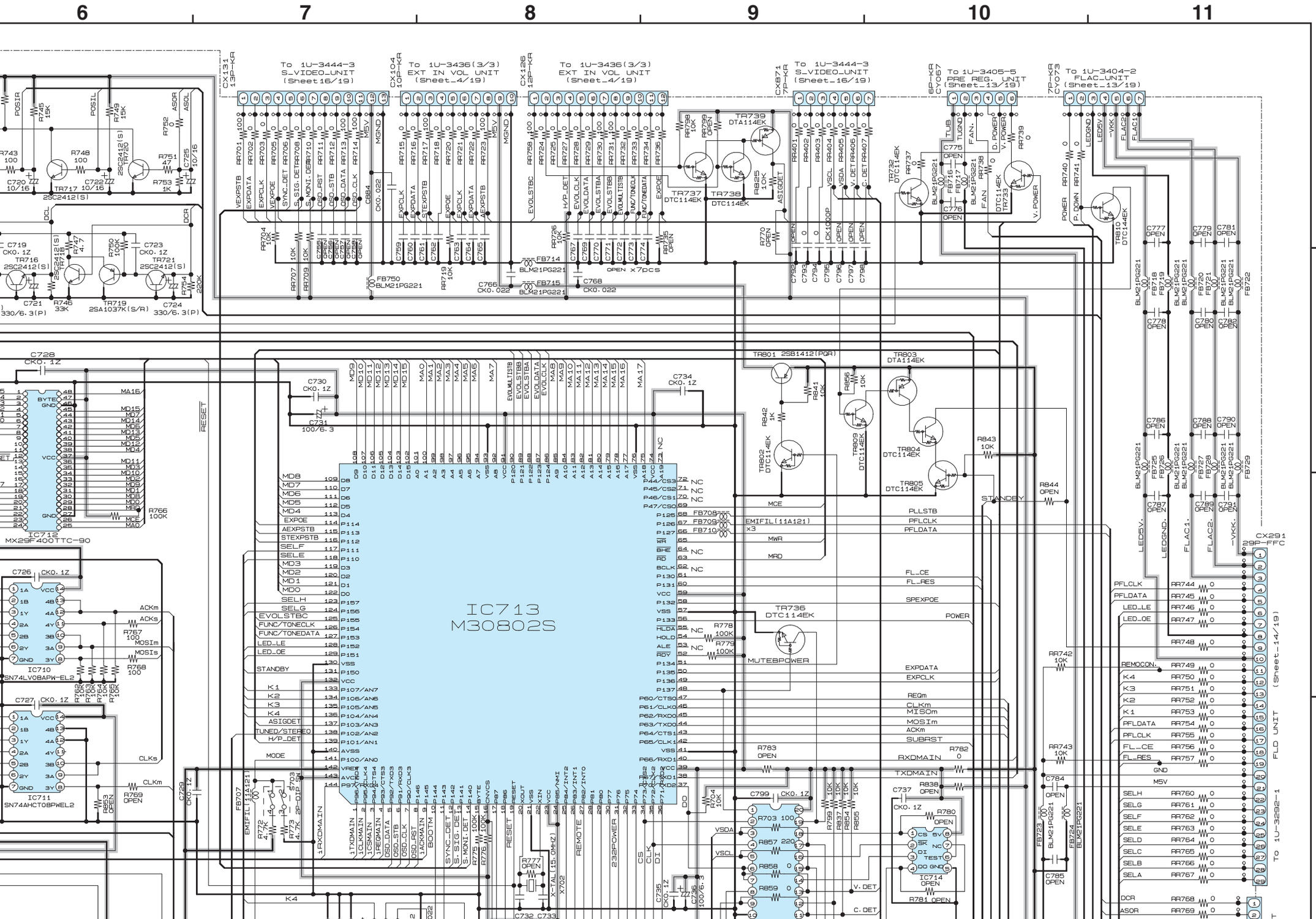
1U-3425 DIGITAL UNIT (4/4)

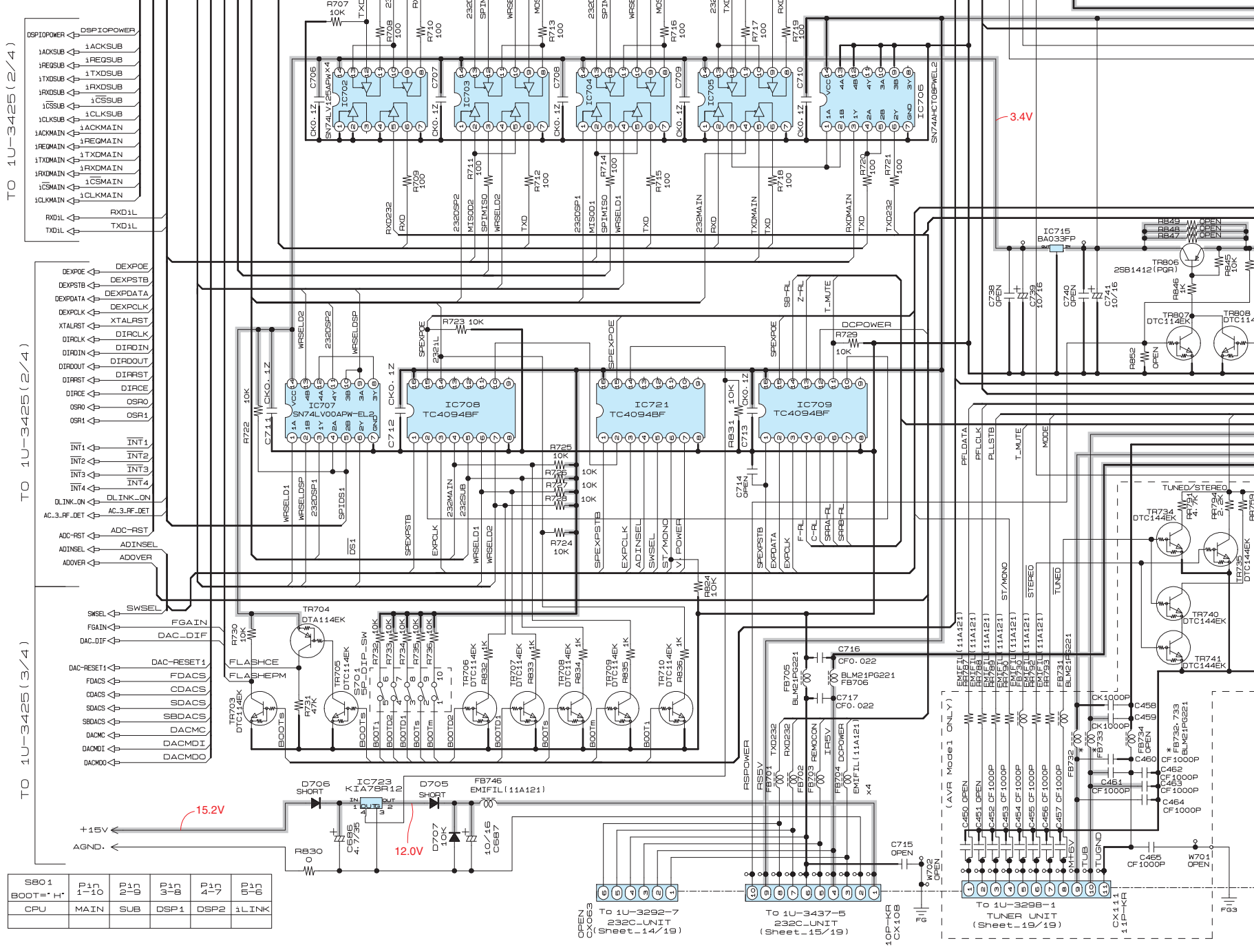
SCHEMATIC DIAGRAMS (9/19)


1U-3425(4/4) DIGITAL UNIT
IC701 M30620FCMGP
IC713 M30802S
TO 1U-3425 (2/4)
TO 1U-3425 (3/4)
TO 1U-3425 (4/4)
TO 1U-3425 (1/4)
TO 1U-3444-3 S-VIDEO-UNIT (Sheet-16/19)
TO 1U-3436(3/3) EXT IN VOL UNIT (Sheet-4/19)
TO 1U-3444-3 S-VIDEO-UNIT (Sheet-16/19)
TO 1U-3405-5 PRE REG. UNIT (Sheet-13/19)
TO 1U-3404-2 FLAC-UNIT (Sheet-13/19)
TO 1U-3382-1 FLD UNIT (Sheet-14/19)
TO 1U-3404-3 REG. CONN. UNIT (Sheet-13

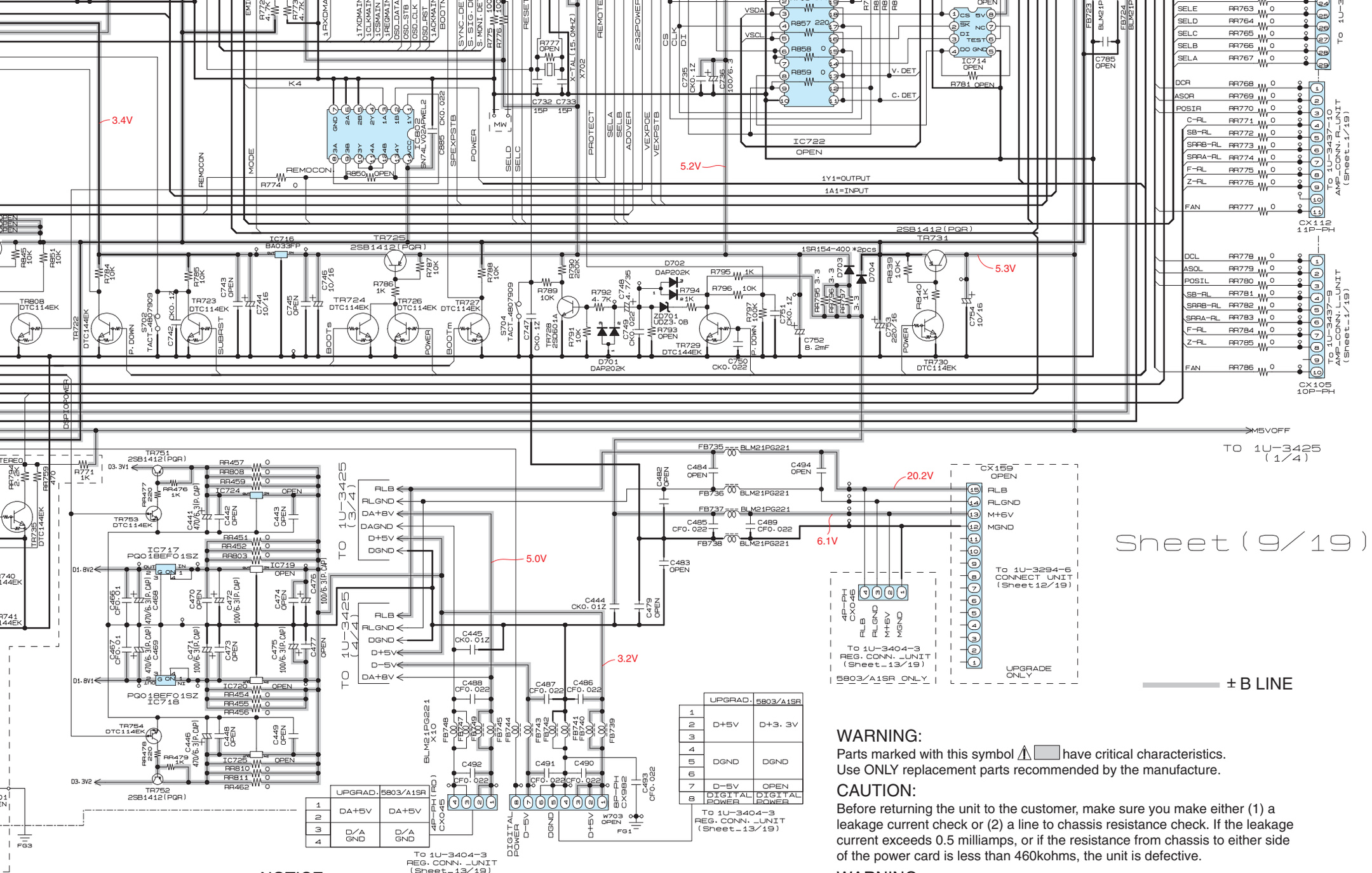
SCHEMATIC DIAGRAMS (9/19)




6
7
8
9
10
11
A
B
C
D
IC713
M30802S
IC712
MX29F400TTC-90
IC710
SN74LV08APW-EL2
IC711
SN74AHCT08PWEL2
IC714
IC715
IC716
IC717
IC718
IC719
IC720
IC721
IC722
IC723
IC724
IC725
IC726
IC727
IC728
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IC732
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IC739
IC740
IC741
IC742
IC743
IC744
IC745
IC746
IC747
IC748
IC749
IC750
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IC786
IC787
IC788
IC789
IC790
IC791
IC792
IC793
IC794
IC795
IC796
IC797
IC798
IC799
To 1U-3444-3 S-VIDEO_UNIT (Sheet_16/19)
To 1U-3436(3/3) EXT IN VOL UNIT (Sheet_4/19)
To 1U-3436(3/3) EXT IN VOL UNIT (Sheet_4/19)
To 1U-3444-3 S-VIDEO_UNIT (Sheet_16/19)
To 1U-3405-5 PRE REG. UNIT (Sheet_13/19)
To 1U-3404-2 FLAC_UNIT (Sheet_13/19)
To 1U-3292-1 FLD UNIT (Sheet_14/19)
CX131 13P-KR
CX104 10P-KR
CX126 12P-KR
CX871 7P-KR
CY067 6P-KR
CY073 7P-KR
CX291 39P-FFC
RESET
MCE
MWR
MRD
PLLSTB
PFLCLK
PFLDATA
FL_CE
FL_RES
SPEXPOE
POWER
EXPDATA
EXPCLK
REQm
CLKm
MISOm
MOSIm
ACKm
SUBRST
RXDMAIN
TXDMAIN
STANDBY
MUTEBPOWER
EMIFIL(11A121) x3
X7pcs
X-TAL(15.0MHz) X702
TR801 2SB1412(PGR)
TR802 DTC114EK
TR803 DTA114EK
TR804 DTC114EK
TR805 DTC114EK
TR809 DTC114EK
TR732 DTC114EK
TR733 DTC114EK
TR736 DTC114EK
TR737 DTC114EK
TR738 DTC114EK
TR739 DTA114EK
TR810 DTC144EK
TR716 2SC2412(S)
TR717 2SC2412(S)
TR718 2SC2412(S)
TR719 2SA1037K(S/R)
TR720 2SC2412(S)
TR721 2SC2412(S)
TR725 2SC2412(S)
TR726 2SC2412(S)


TO 1U-3425(2/4)
TO 1U-3425(2/4)
TO 1U-3425(3/4)
DSPIOPOWER
iACKSUB
iREQSUB
iTXDSUB
iRXDSUB
iCSSUB
iCLKSUB
iACKMAIN
iREQMAIN
iTXDMAIN
iRXDMAIN
iCSMAIN
iCLKMAIN
RXDiL
TXDiL
DEXPOE
DEXPSTB
DEXPDATA
DEXPCLK
XTALRST
DIRCLK
DIRDIN
DIRDOUT
DIRRST
DIRCE
OSR0
OSR1
INT1
INT2
INT3
INT4
DLINK_ON
AC_3_RF_DET
ADC-RST
ADINSEL
ADOVER
SWSEL
FGAIN
DAC_DIF
DAC-RESET1
FDACS
CDACS
SDACS
SBDACS
DACMC
DACMDI
DACMDO
IC706 SN74LV125APWx4
IC707 SN74LV00APW-EL2
IC708 TC4094BF
IC721 TC4094BF
IC709 TC4094BF
IC705 SN74AHCT08PWEL2
IC715 BA033FP
3.4V
DCPOWER
R729 10K
R723 10K
R722 10K
R725 10K
R726 10K
R727 10K
R728 10K
R724 10K
R824 10K
R831 10K
C711 CKO.1Z
C712 CKO.1Z
C713 CKO.1Z
C714 OPEN
C715 CF0.022
C716 CF0.022
C715 OPEN
W702 OPEN
TR704 DTA114EK
TR705 DTC114EK
TR706 DTC114EK
TR707 DTC114EK
TR708 DTC114EK
TR709 DTC114EK
TR710 DTC114EK
TR703 DTC114EK
R730 10K
R731 47K
R832 1K
R833 1K
R834 1K
R835 1K
R836 1K
FLASHCE
FLASHEPM
SP_DIP-Sw
IC723 KIA78R12
D706 SHORT
D705 SHORT
D707 10K
FB746 EMIFIL(11A121)
R830 0
C695 4.7/35
C687 10/16
15.2V
12.0V
+15V
AGND.
TR806 2SB1412(PQR)
TR807 DTC114EK
TR808 DTC114EK
TR734 DTC144EK
TR735 DTC144EK
TR740 DTC144EK
TR741 DTC144EK
TUNED/STEREO
ST/MONO
PFLDATA
PFLCLK
PLLSTB
T-MUTE
MODE
(AVR Model ONLY)
To 1U-3292-7 232C_UNIT (Sheet_14/19)
To 1U-3437-5 232C_UNIT (Sheet_15/19)
To 1U-3298-1 TUNER UNIT (Sheet_19/19)
CX063
CX108
CX111 11P-KR
10P-KR
S801 BOOT="H"
Pin 1-10 CPU
Pin 2-9 MAIN
Pin 3-8 SUB
Pin 4-7 DSP1
Pin 5-6 DSP2
iLINK

1U-342



NOTICE

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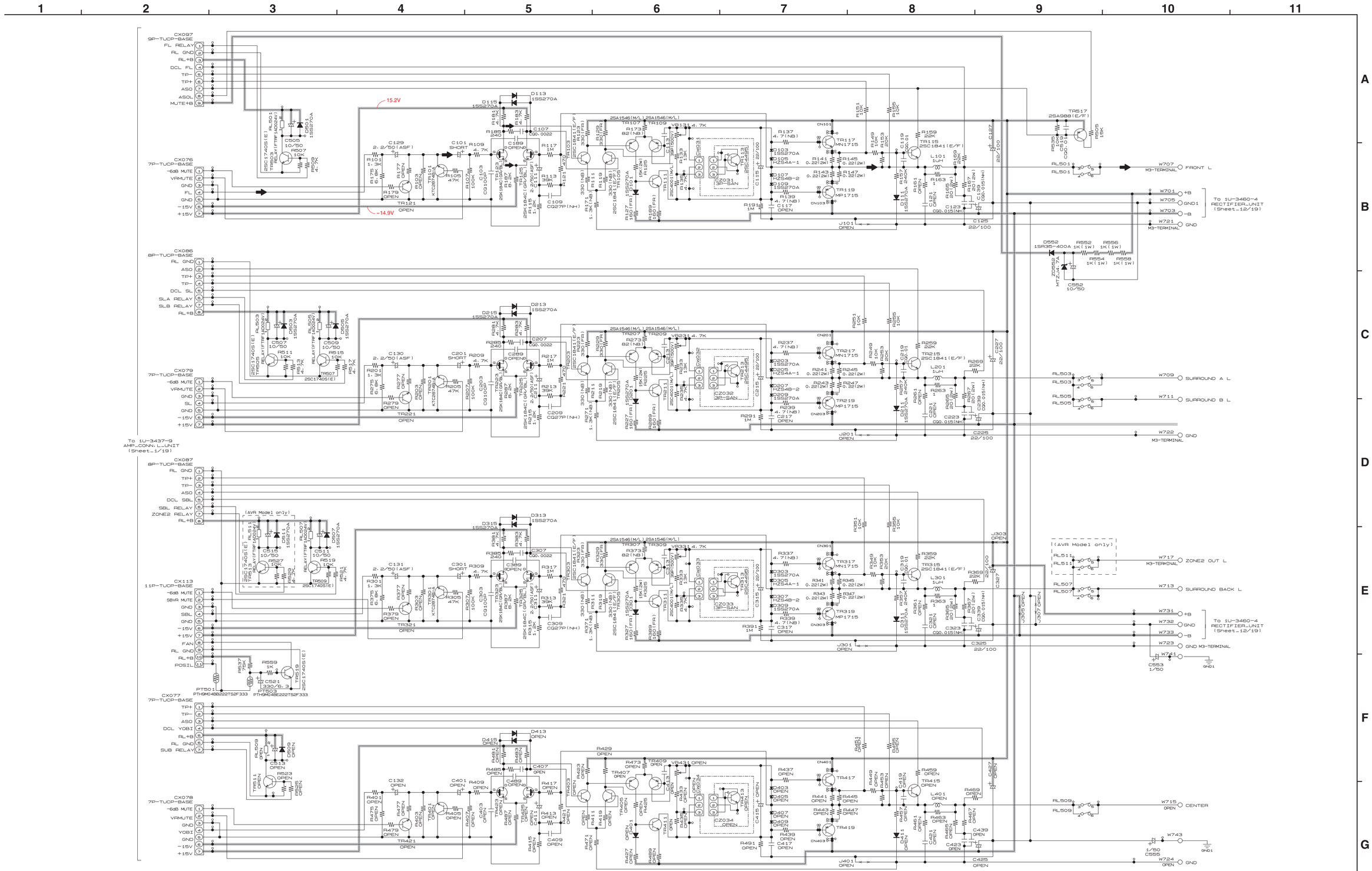
WARNING:

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SCHEMATIC DIAGRAMS (9/19)

1U-3425 DIGITAL UNIT (4/4)

SCHEMATIC DIAGRAMS (10/19)



1U-3296-1
LCH AMP UNIT

NOTICE
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WARNING:
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± B LINE
SIGNAL LINE

SCHEMATIC DIAGRAMS (10/19)
1U-3296 POWER AMP UNIT (1/2)

SCHEMATIC DIAGRAMS (10/19)

1U-3296-1
LCH AMP UNIT

NOTICE

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WARNING:

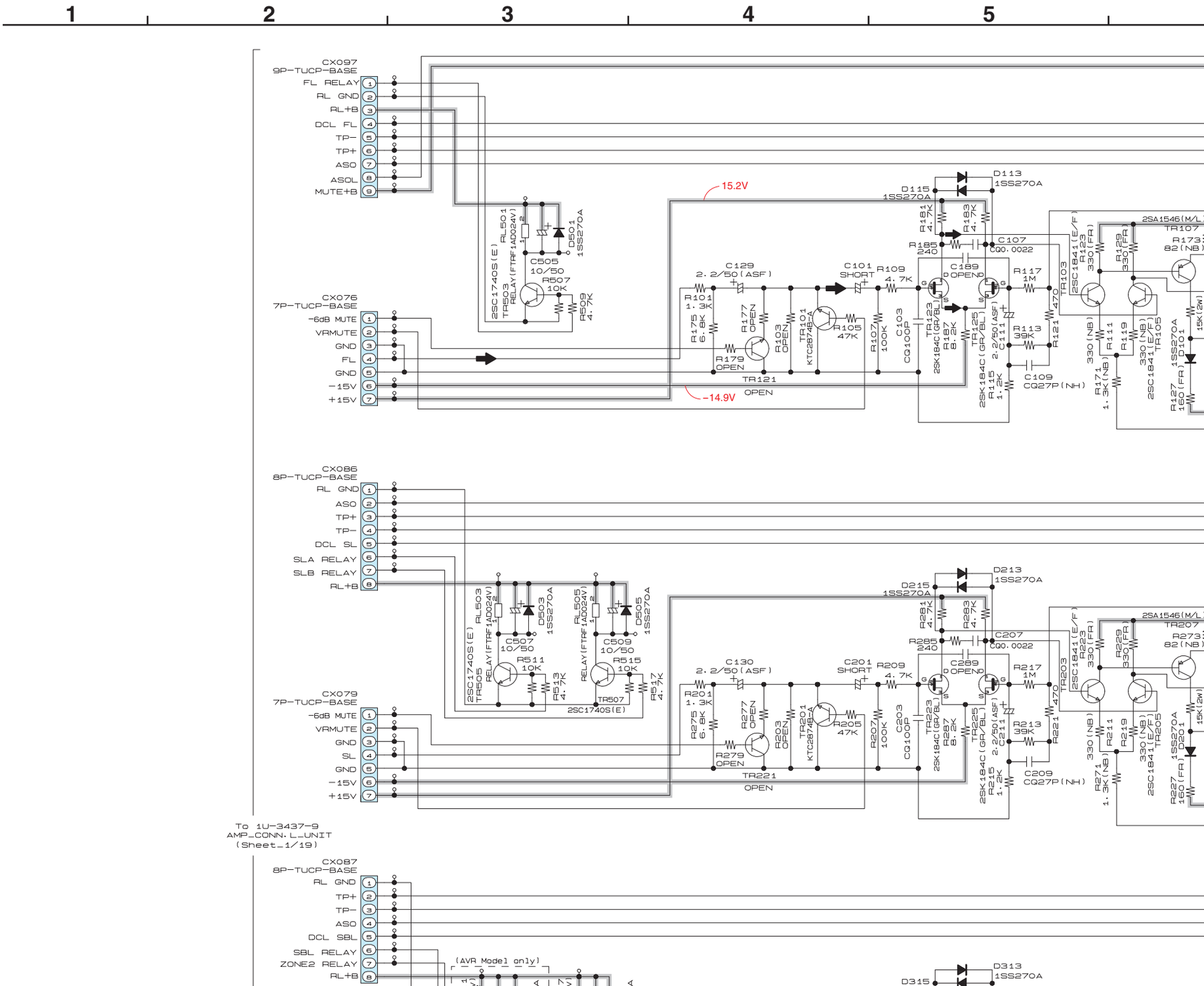
DO NOT return the unit to the customer until the problem is located and corrected.

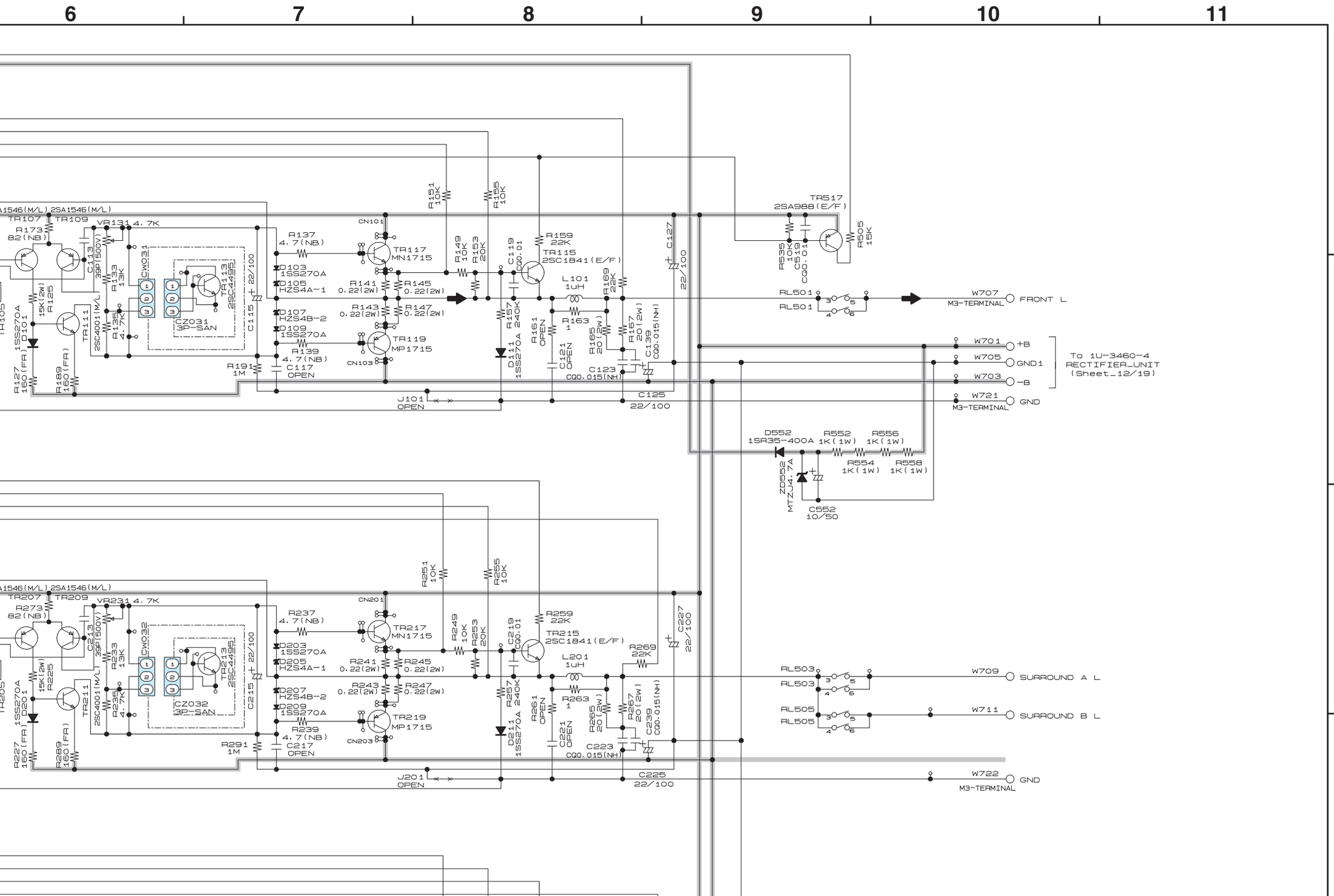
± B LINE
SIGNAL LINE

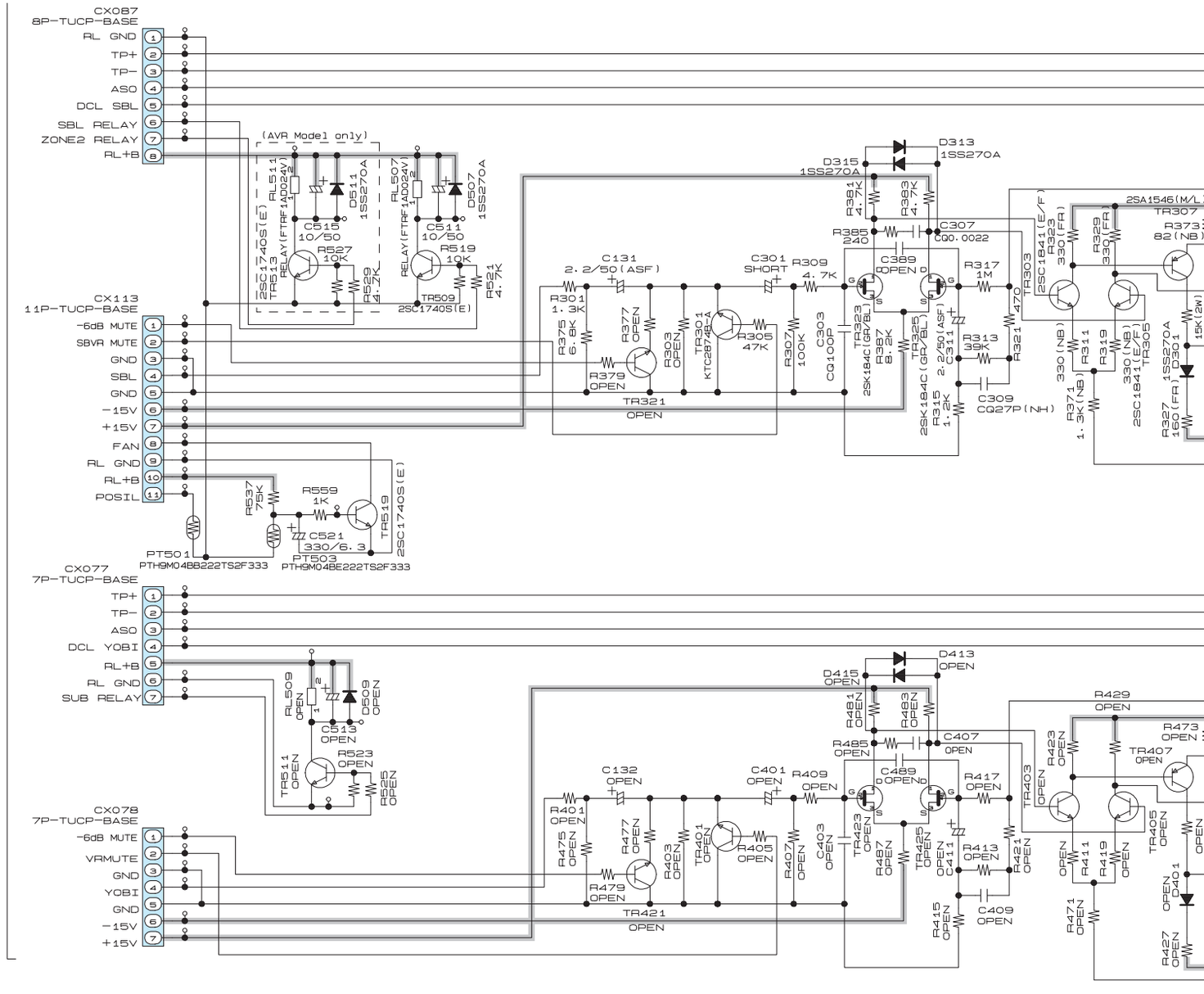
SCHEMATIC DIAGRAMS (10/19)

1U-3296 POWER AMP UNIT (1/2)

SCHEMATIC DIAGRAMS (10/19)




6
7
8
9
10
11
A
B
C
D
TR107
TR109
VR131 4.7K
R173 82(NB)
C113 39P(500V)
R133 13K
CW031
TR113 2SC4495
CZ031 3P-SAN
R125 15K(2W)
TR111 2SC4001(M/L)
R135 4.7K
D101 1SS270A
R127 160(FR)
R189 160(FR)
R137 4.7(NB)
D103 1SS270A
D105 HZS4A-1
D107 HZS4B-2
D109 1SS270A
R139 4.7(NB)
C115 22/100
R191 1M
C117 OPEN
CN101
TR117 MN1715
CN103
TR119 MP1715
R141 0.22(2W)
R143 0.22(2W)
R145 0.22(2W)
R147 0.22(2W)
R149 10K
R151 10K
R153 20K
R155 10K
C119 CQ0.01
TR115 2SC1841(E/F)
D111 1SS270A
R157 240K
R159 22K
L101 1UH
R161 OPEN
R163 1
C121 OPEN
R165 20(2W)
R167 20(2W)
C139 CQ0.015(NH)
C123 CQ0.015(NH)
C125 22/100
C127 22/100
J101 OPEN
TR517 2SA988(E/F)
R535 4.7K
C511 CQ0.01
R505 15K
RL501
W707 M3-TERMINAL
FRONT L
W701 +B
W705 GND1
W703 -B
W721 GND
M3-TERMINAL
To 1U-3460-4 RECTIFIER_UNIT (Sheet_12/19)
D552 1SR35-400A
R552 1K(1W)
R556 1K(1W)
R554 1K(1W)
R558 1K(1W)
ZD552 MTZJ4.7A
C552 10/50
TR207
TR209
VR231 4.7K
R273 82(NB)
C213 39P(500V)
R233 13K
CW032
TR213 2SC4495
CZ032 3P-SAN
R225 15K(2W)
TR211 2SC4001(M/L)
R235 4.7K
D201 1SS270A
R237 160(FR)
R289 160(FR)
R237 4.7(NB)
D203 1SS270A
D205 HZS4A-1
D207 HZS4B-2
D209 1SS270A
R239 4.7(NB)
C215 22/100
R291 1M
C217 OPEN
CN201
TR217 MN1715
CN203
TR219 MP1715
R241 0.22(2W)
R243 0.22(2W)
R245 0.22(2W)
R247 0.22(2W)
R249 10K
R251 10K
R253 20K
R255 10K
C219 CQ0.01
TR215 2SC1841(E/F)
D211 1SS270A
R257 240K
R259 22K
L201 1UH
R261 OPEN
R263 1
C221 OPEN
R265 20(2W)
R267 20(2W)
C239 CQ0.015(NH)
C223 CQ0.015(NH)
C225 22/100
C227 22/100
J201 OPEN
RL503
RL505
W709 SURROUND A L
W711 SURROUND B L
W722 GND
M3-TERMINAL



1U-3296-1

LCH AMP UNIT

NOTICE

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

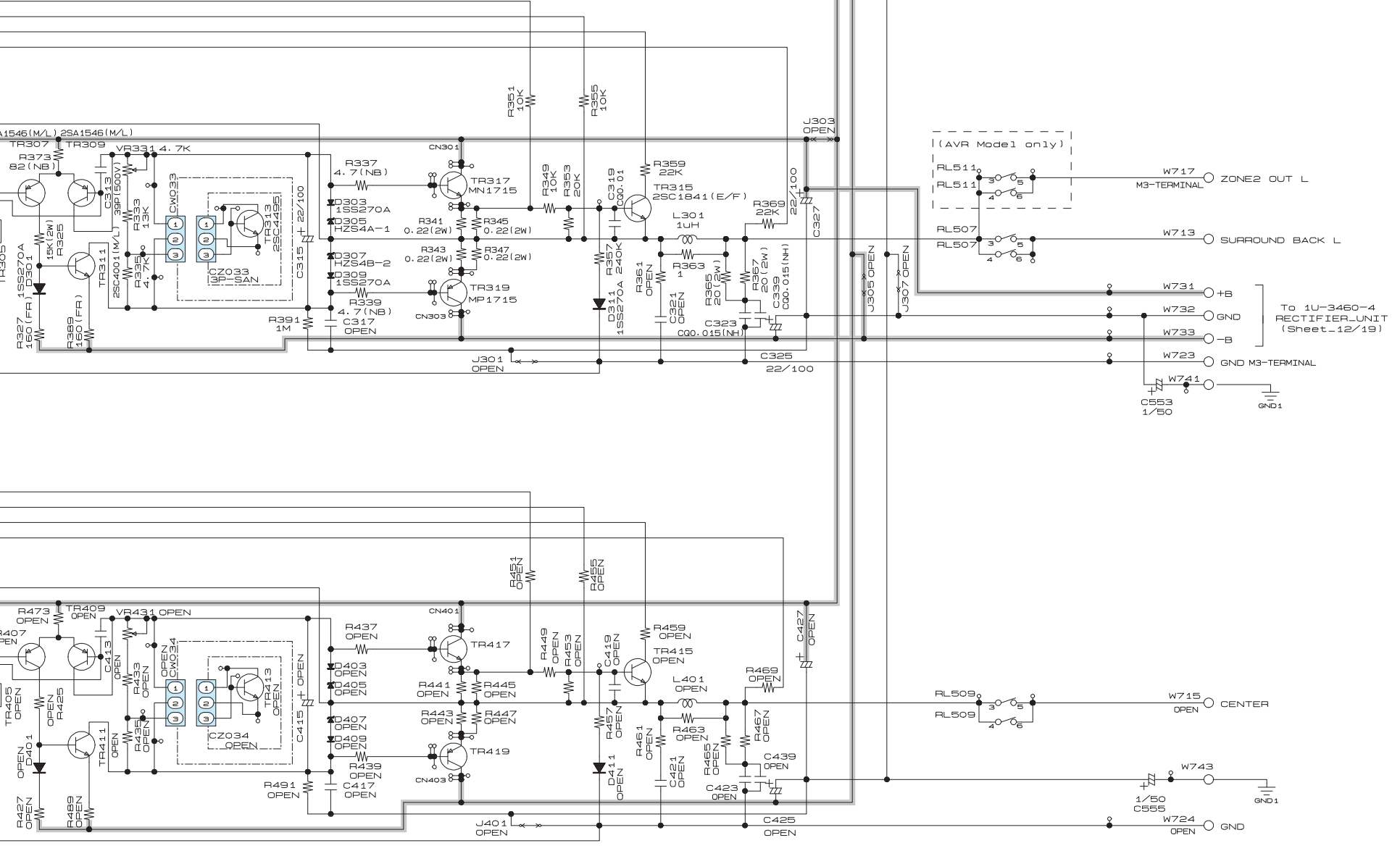
ALL CAPACITANCE VALUES IN MICRO FARAD. P=MICRO-M

EACH VOLTAGE AND CURRENT ARE MEASUERD AT MO S

CONDITION.

CIRCUIT AND PARTS ARE SUBJECT TO CHANGE WITHOU

NOTICE.



M=1,000,000 OHM
MICRO-MICRO FARAD
AT MO SIGNAL INPUT

WITHOUT PRIOR

WARNING:

Parts marked with this symbol ⚠ ▭ 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 milliamps, or if the resistance from chassis to either side of the power card is less than 460kohms, the unit is defective.

WARNING:

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

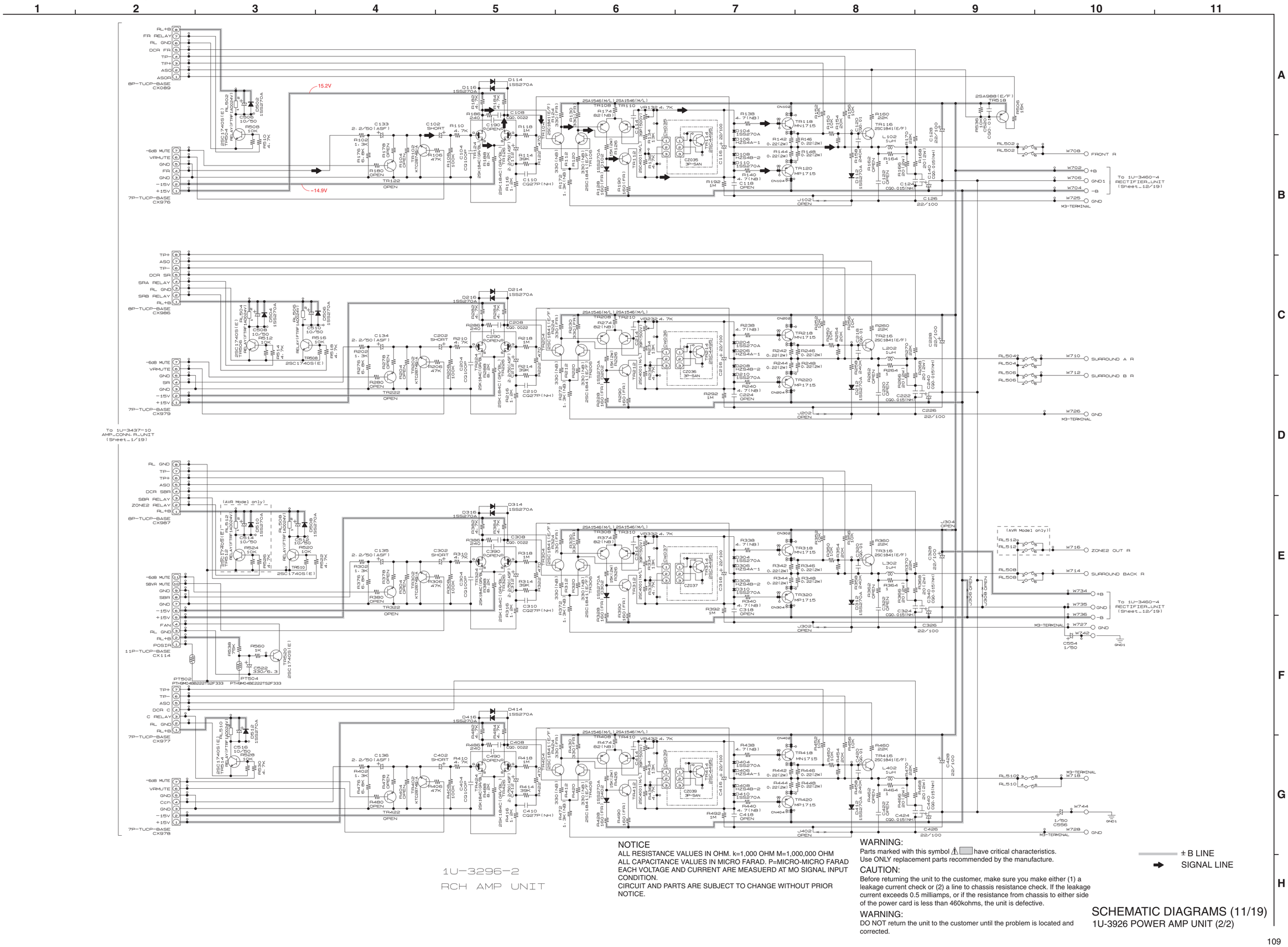
± B LINE

SIGNAL LINE

SCHEMATIC DIAGRAMS (10/19)

1U-3296 POWER AMP UNIT (1/2)

SCHEMATIC DIAGRAMS (11/19)



1U-3296-2
RCH AMP UNIT

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 MEASUERD AT MO 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 manufacture.

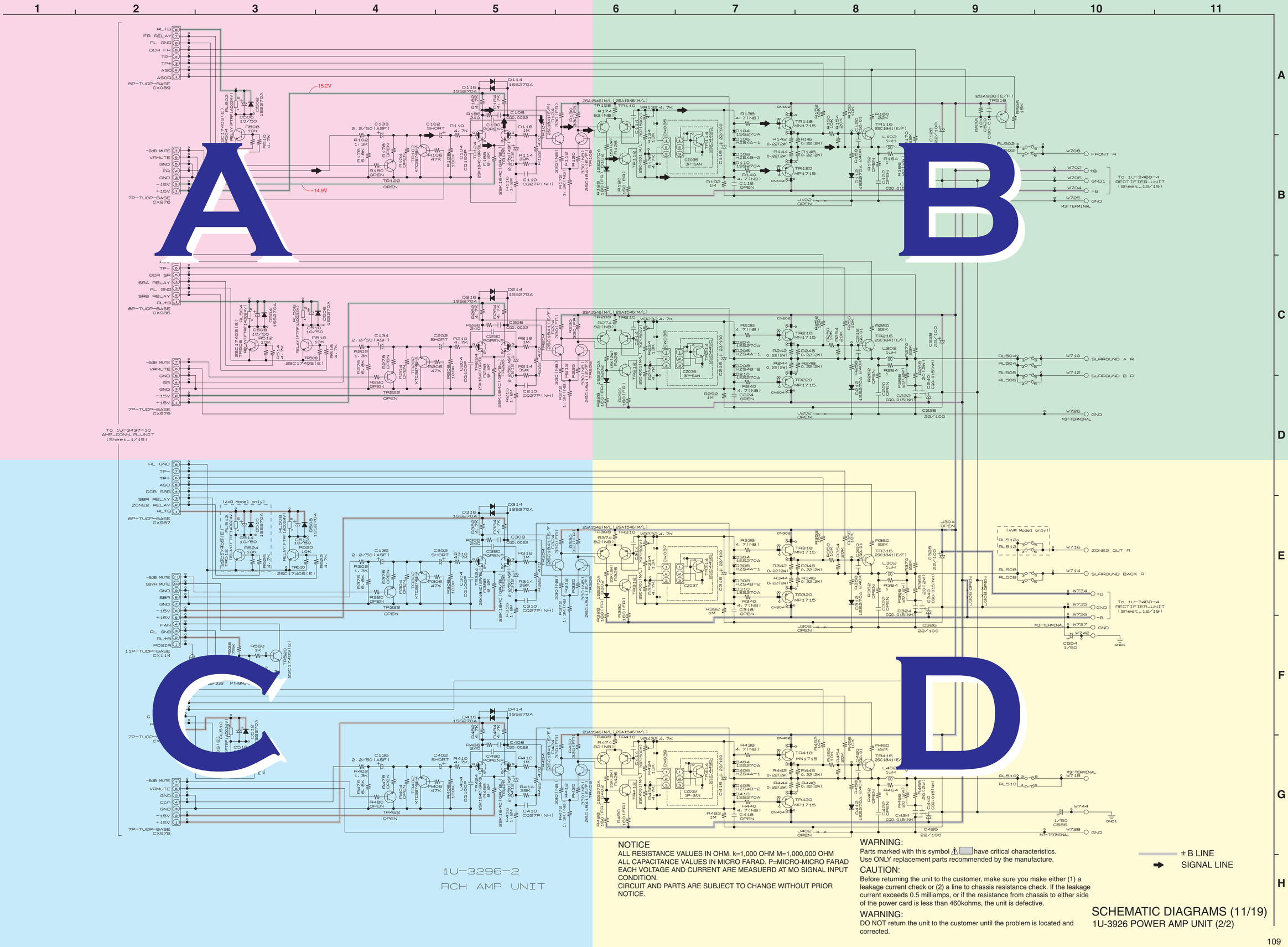
CAUTION:
Before returning the unit to the customer, make sure you make either (1) a leakage current check or (2) a line to chassis resistance check. If the leakage current exceeds 0.5 milliamps, or if the resistance from chassis to either side of the power card is less than 460kohms, the unit is defective.

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

± B LINE
SIGNAL LINE

SCHEMATIC DIAGRAMS (11/19)
1U-3926 POWER AMP UNIT (2/2)

SCHEMATIC DIAGRAMS (11/19)



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

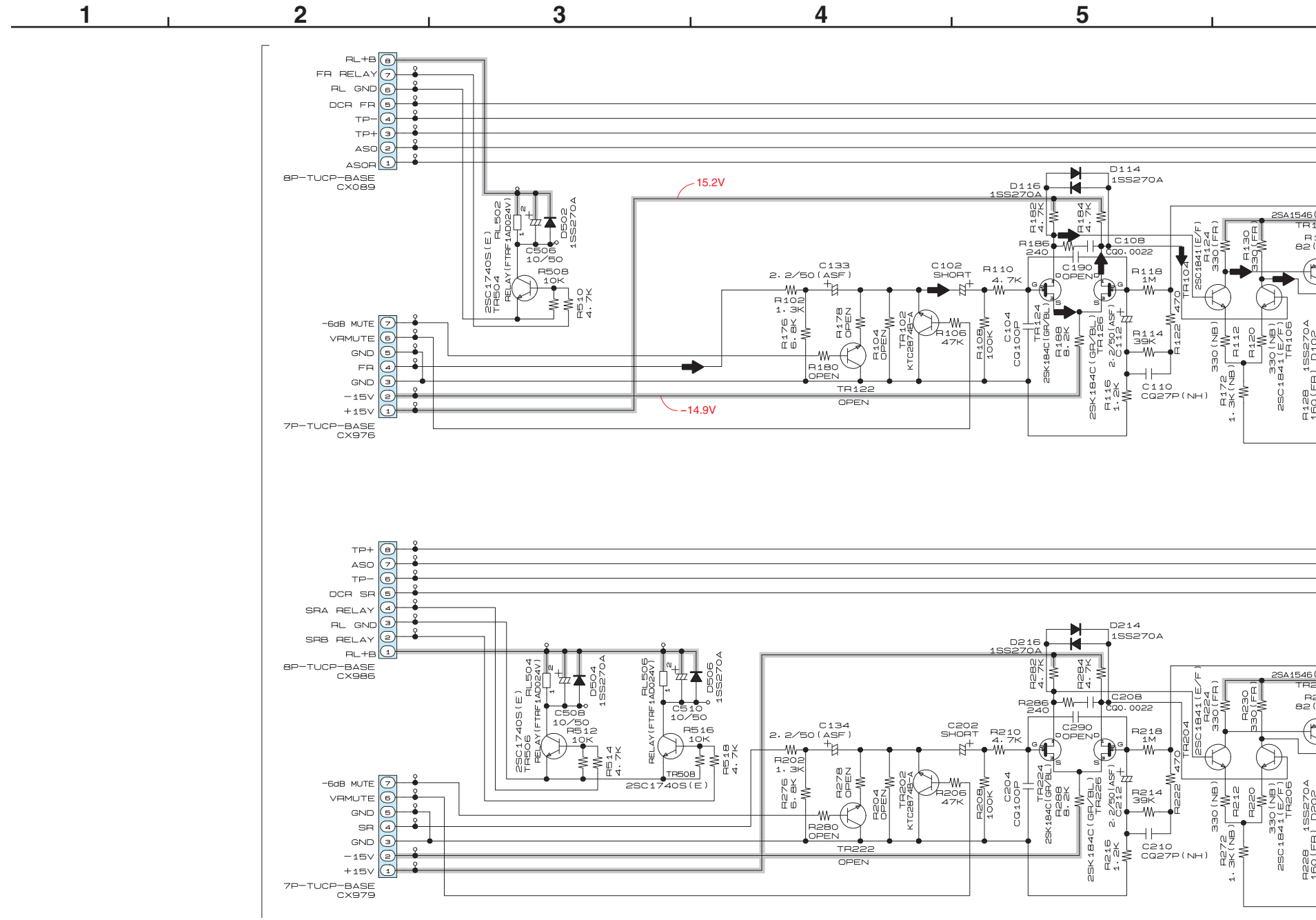
WARNING:

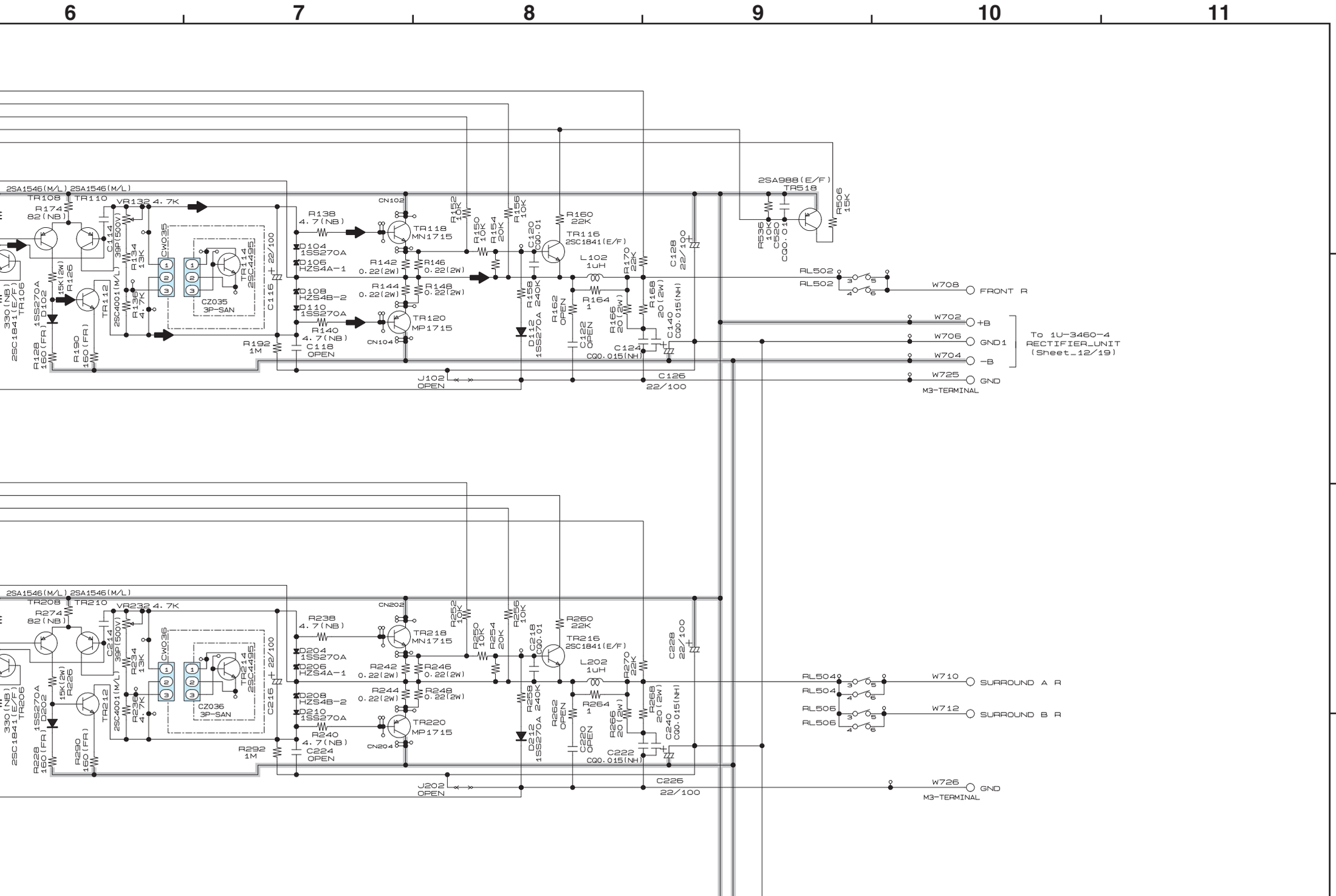
DO NOT return the unit to the customer until the problem is located and corrected.

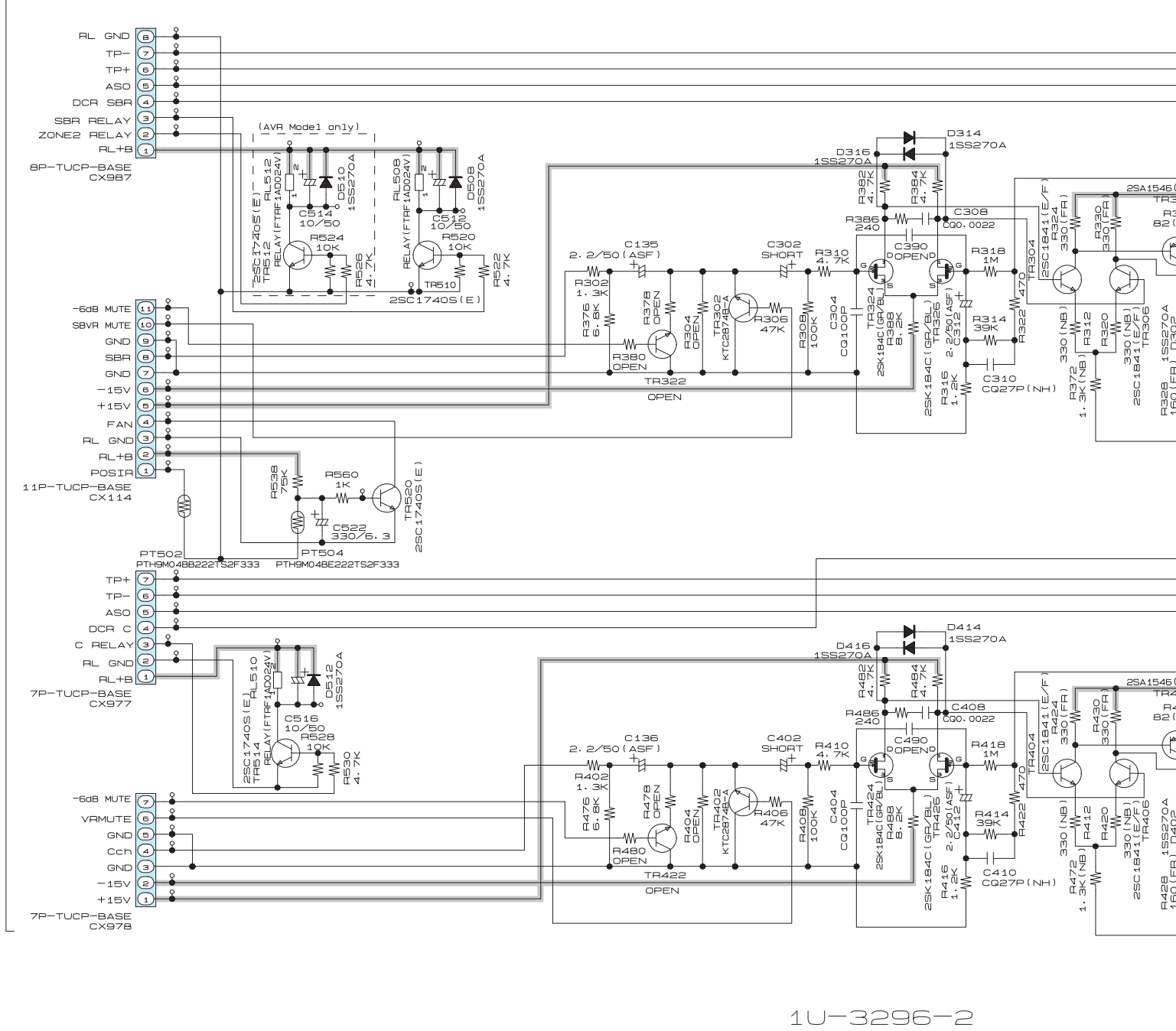
± B LINE
SIGNAL LINE

SCHEMATIC DIAGRAMS (11/19)
1U-3926 POWER AMP UNIT (2/2)

SCHEMATIC DIAGRAMS (11/19)

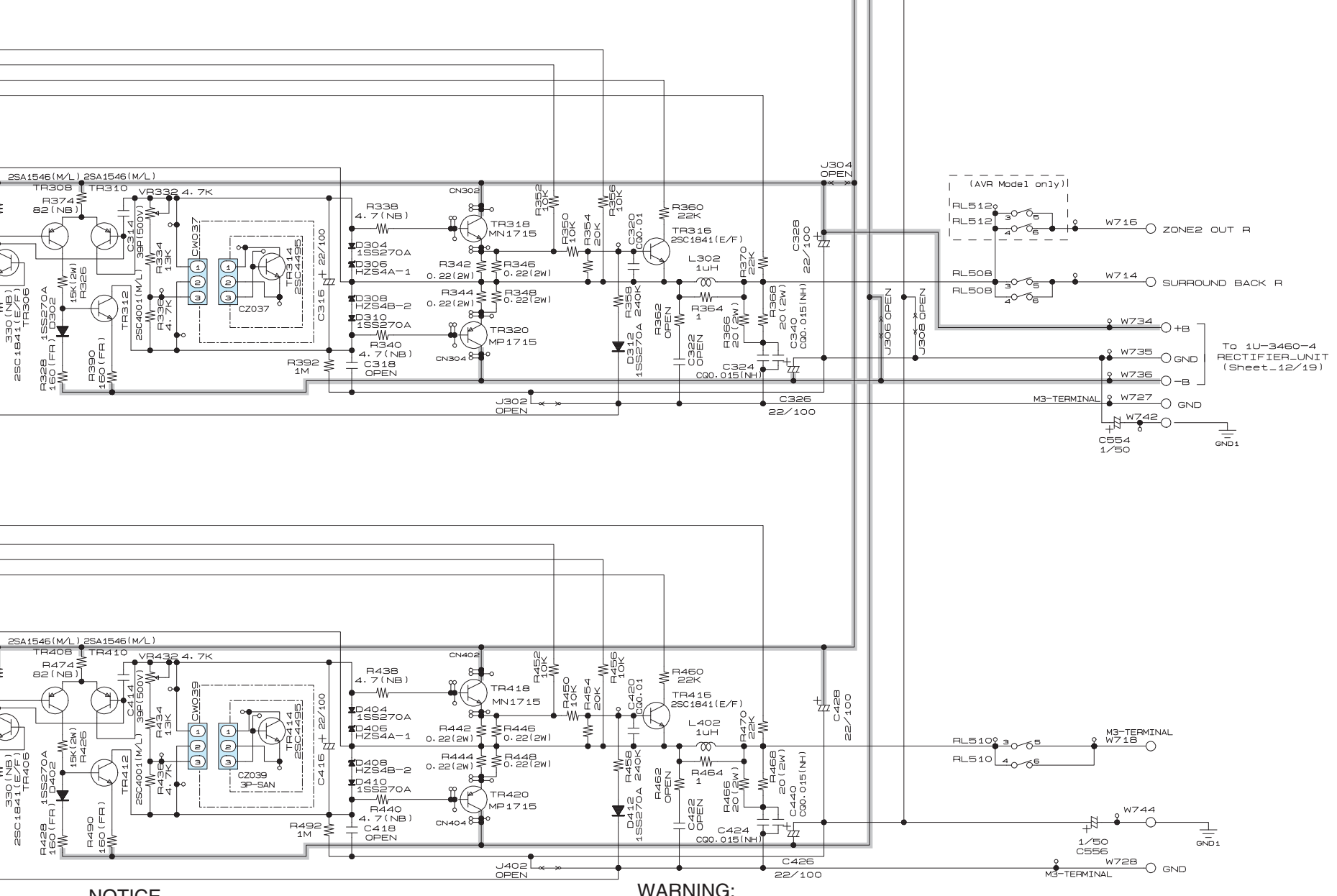



6
7
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9
10
11
A
B
C
D
2SA1546(M/L) 2SA1546(M/L)
TR108 TR110
VR132 4.7K
R174 82(NB)
C114 39P(500V)
R134 13K
R136 4.7K
CW035
CZ035 3P-SAN
TR114 2SC4495
TR112 2SC4001(M/L)
R126 15K(2W)
D102 1SS270A
R128 150(FR)
R190 150(FR)
330(NB) 2SC1841(E/F) TR106
C116 22/100
R138 4.7(NB)
D104 1SS270A
D106 HZS4A-1
D108 HZS4B-2
D110 1SS270A
R140 4.7(NB)
C118 OPEN
R192 1M
CN102
TR118 MN1715
TR120 MP1715
CN104
R152 10K
R150 10K
R154 20K
R156 10K
C120 CQ0.01
R160 22K
TR116 2SC1841(E/F)
L102 1UH
R142 0.22(2W)
R146 0.22(2W)
R144 0.22(2W)
R148 0.22(2W)
R158 240K
D112 1SS270A
R162 OPEN
C122 OPEN
R164 1
R166 20(2W)
R168 20(2W)
R170 22K
C140 CQ0.015(NH)
C124 CQ0.015(NH)
C128 22/100
C126 22/100
J102 OPEN
2SA988(E/F) TR518
R536 10K
C520 CQ0.01
R506 15K
RL502
W708 FRONT R
W702 +B
W706 GND1
W704 -B
W725 GND
M3-TERMINAL
To 1U-3460-4 RECTIFIER_UNIT (Sheet_12/19)
2SA1546(M/L) 2SA1546(M/L)
TR208 TR210
VR232 4.7K
R274 82(NB)
C214 39P(500V)
R234 13K
R236 4.7K
CW036
CZ036 3P-SAN
TR214 2SC4495
TR212 2SC4001(M/L)
R226 15K(2W)
D202 1SS270A
R228 150(FR)
R290 150(FR)
330(NB) 2SC1841(E/F) TR206
C216 22/100
R238 4.7(NB)
D204 1SS270A
D206 HZS4A-1
D208 HZS4B-2
D210 1SS270A
R240 4.7(NB)
C224 OPEN
R292 1M
CN202
TR218 MN1715
TR220 MP1715
CN204
R252 10K
R250 10K
R254 20K
R256 10K
C218 CQ0.01
R260 22K
TR216 2SC1841(E/F)
L202 1UH
R242 0.22(2W)
R246 0.22(2W)
R244 0.22(2W)
R248 0.22(2W)
R258 240K
D212 1SS270A
R262 OPEN
C220 OPEN
R264 1
R266 20(2W)
R268 20(2W)
R270 22K
C240 CQ0.015(NH)
C222 CQ0.015(NH)
C228 22/100
C226 22/100
J202 OPEN
RL5040
RL504
RL5060
RL506
W710 SURROUND A R
W712 SURROUND B R
W726 GND
M3-TERMINAL



1U−3296−2

RCH AMP UNIT



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

WARNING:

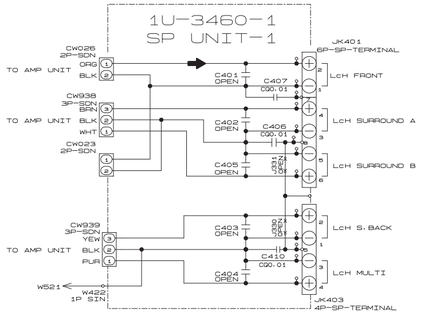
DO NOT return the unit to the customer until the problem is located and corrected.

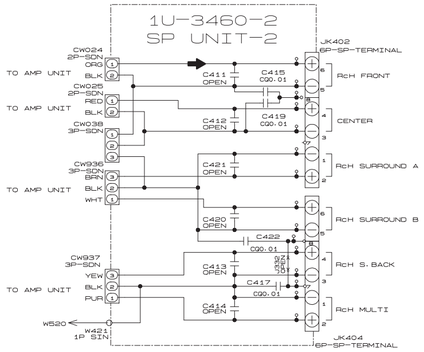
± B LINE
➡ SIGNAL LINE

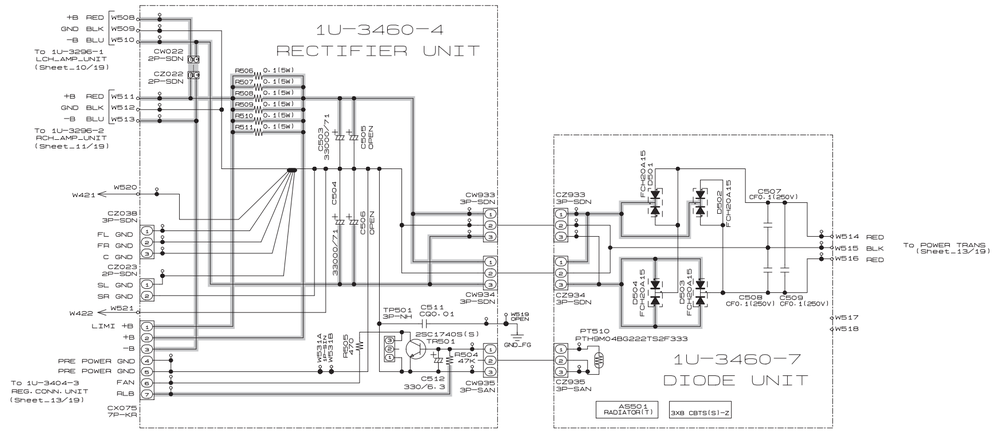
SCHEMATIC DIAGRAMS (11/19)

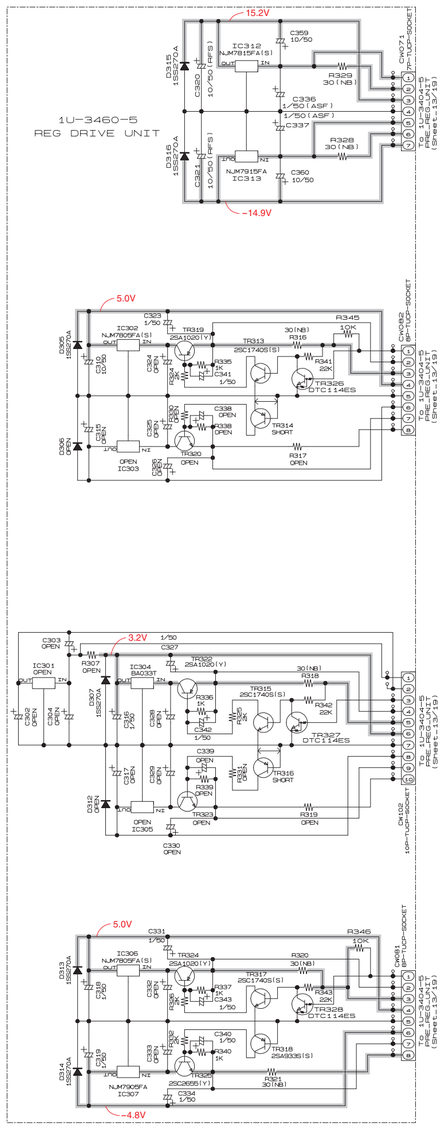
1U-3926 POWER AMP UNIT (2/2)

SCHEMATIC DIAGRAMS (12/19)









± B LINE

SIGNAL LINE

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 MEASUERD AT MO SIGNAL INPUT CONDITION.
CIRCUIT AND PARTS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

WARNING:

Parts marked with this symbol ⚠ have critical characteristics.
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CAUTION:

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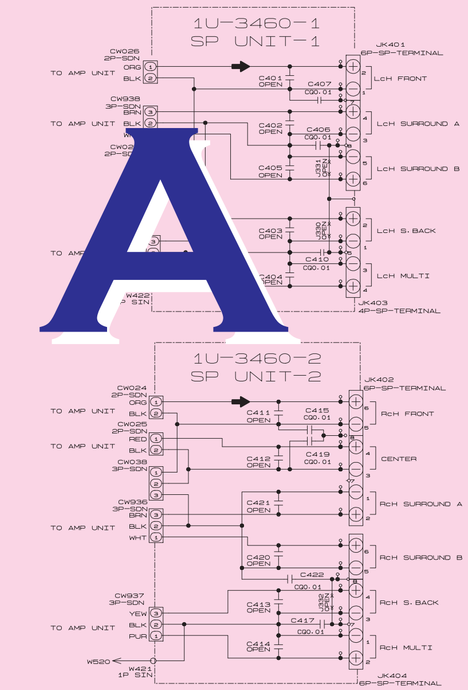
WARNING:

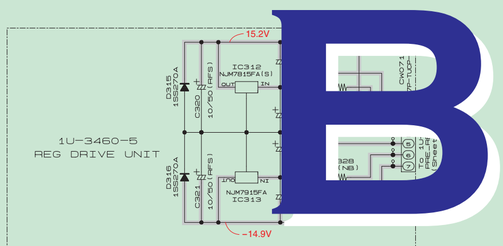
DO NOT return the unit to the customer until the problem is located and corrected.

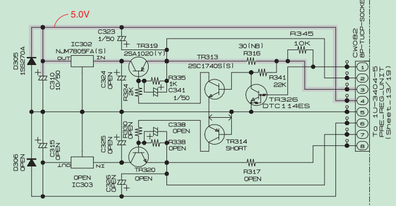
SCHEMATIC DIAGRAMS (12/19)

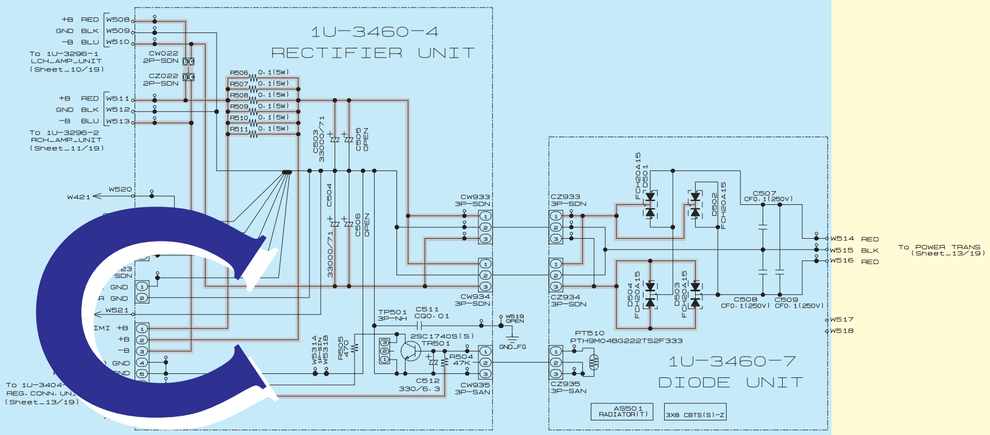
1U-3460-1 SP UNIT-1
1U-3460-2 SP UNIT-2
1U-3460-4 RECTIFIER UNIT
1U-3460-5 REG DRIVE UNIT
1U-3460-7 DIODE UNIT

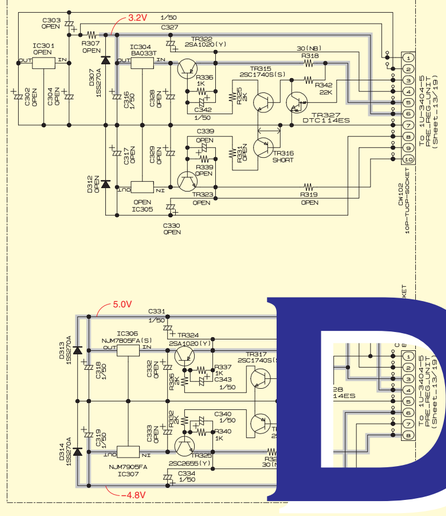
SCHEMATIC DIAGRAMS (12/19)











± B LINE

SIGNAL LINE

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

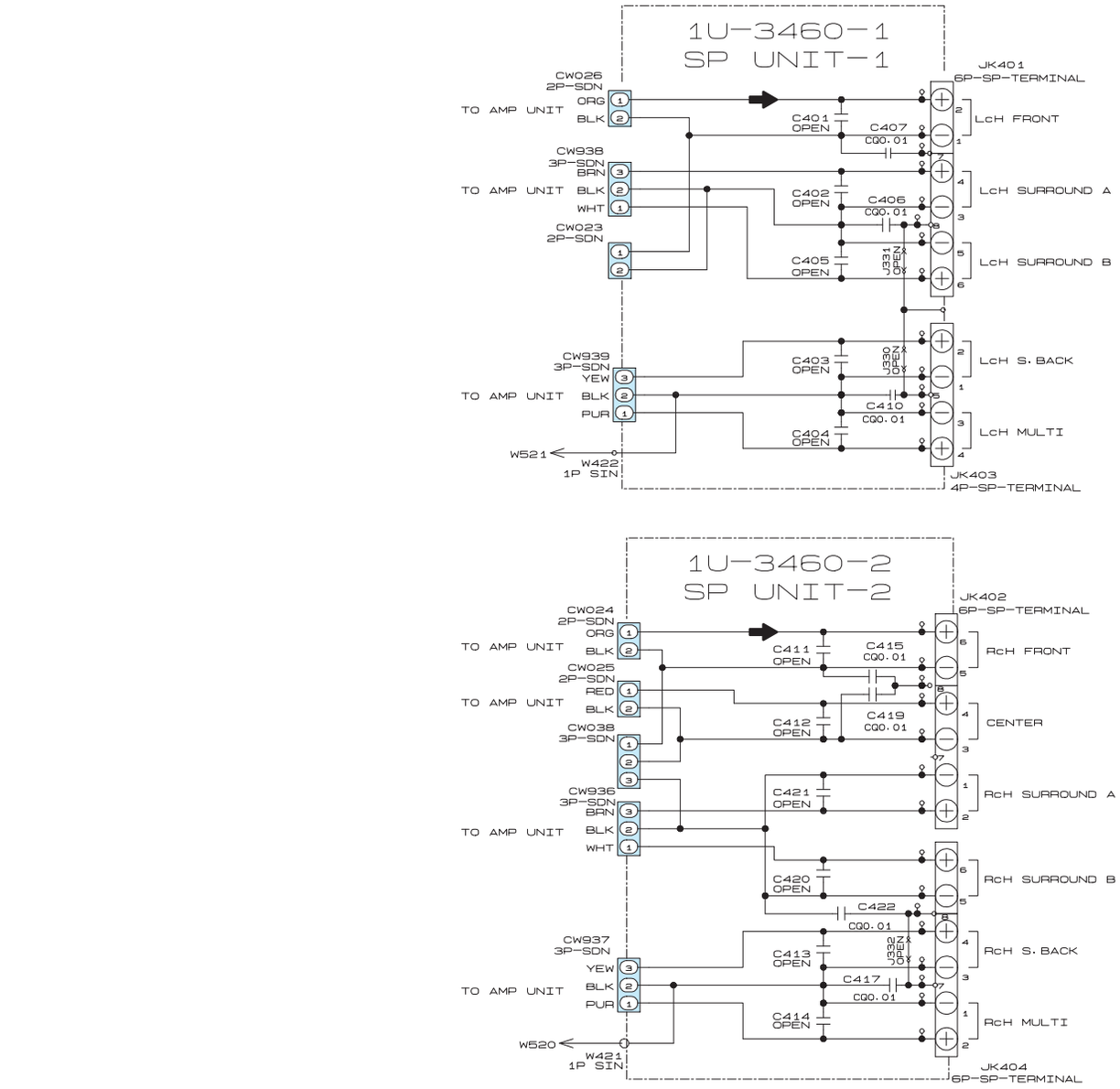
WARNING:

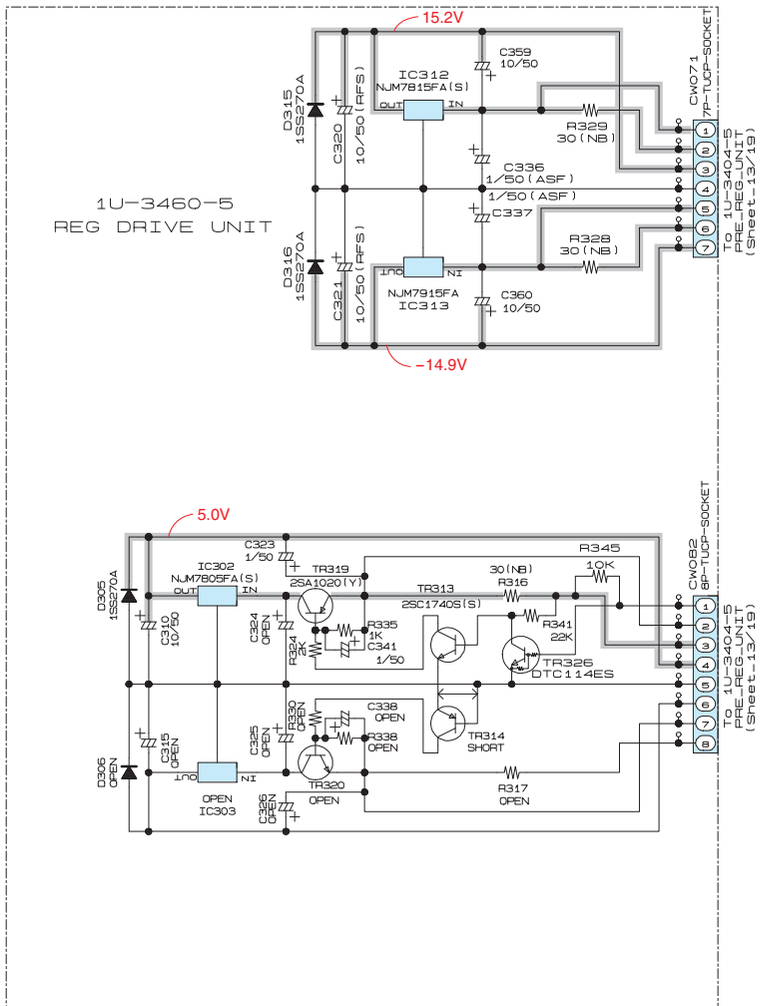
DO NOT return the unit to the customer until the problem is located and corrected.

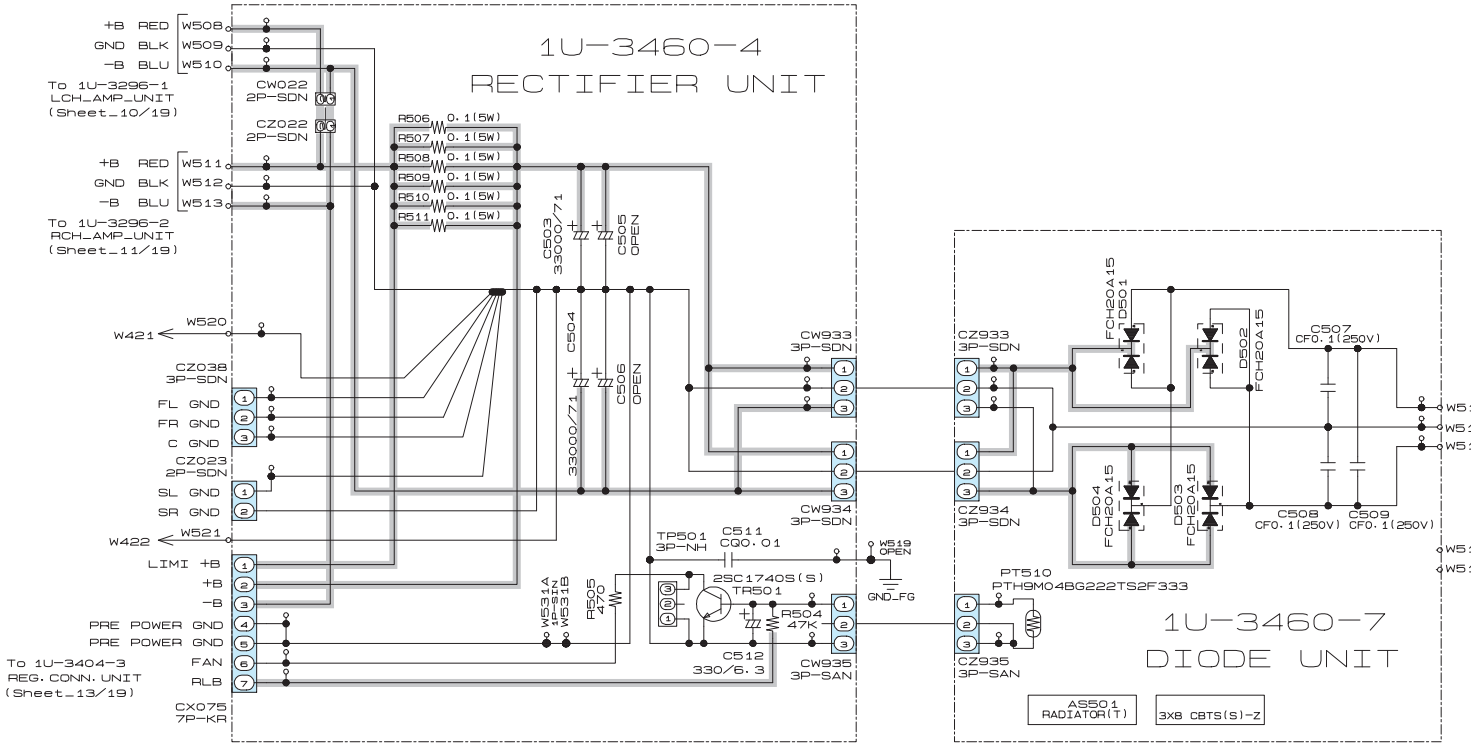
SCHEMATIC DIAGRAMS (12/19)

1U-3460-1 SP UNIT-1
1U-3460-2 SP UNIT-2
1U-3460-4 RECTIFIER UNIT
1U-3460-5 REG DRIVE UNIT
1U-3460-7 DIODE UNIT

SCHEMATIC DIAGRAMS (12/19)

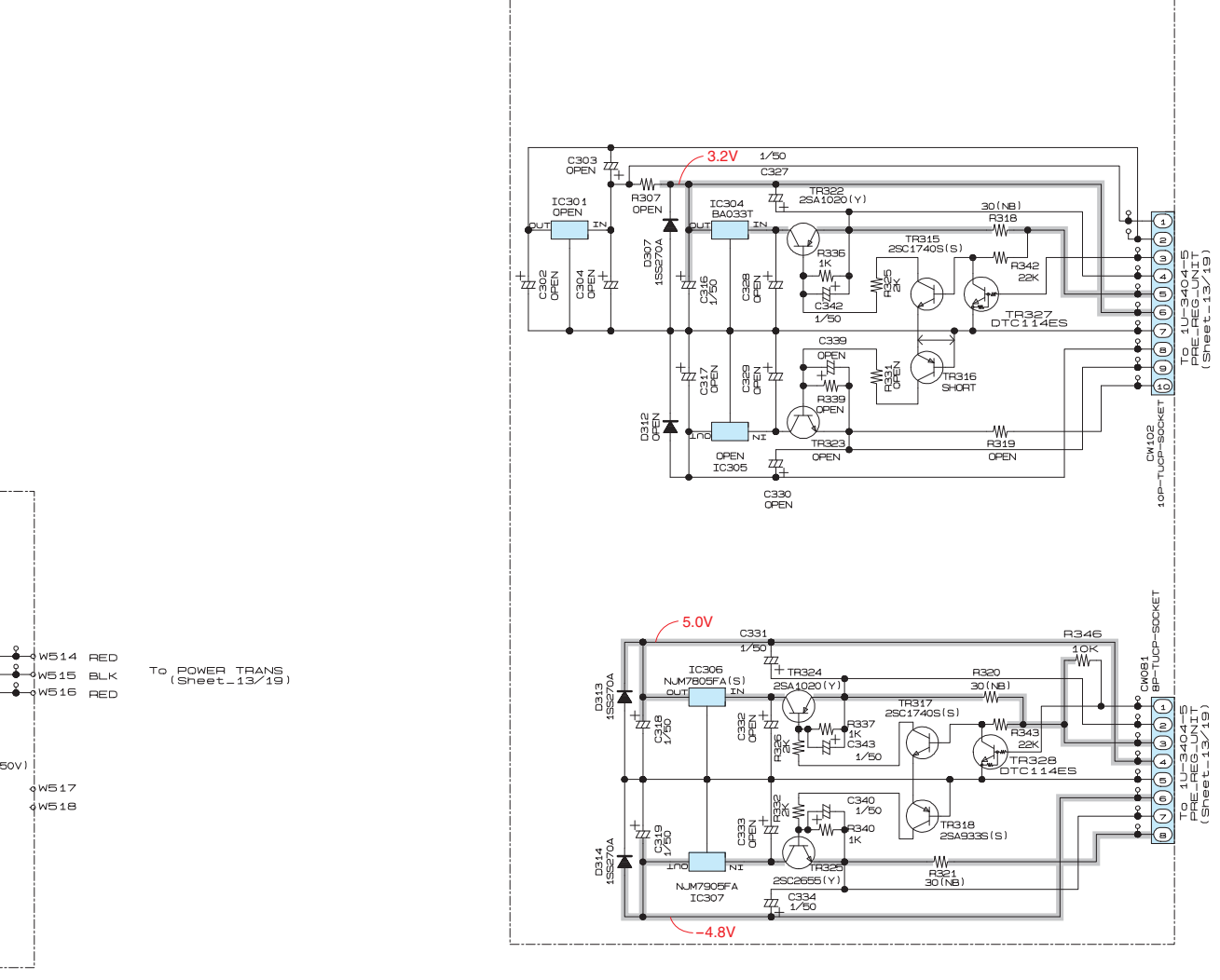



6
7
8
9
10
11
A
B
C
D
1U-3460-5
REG DRIVE UNIT
15.2V
-14.9V
5.0V
IC312
NJM7815FA(S)
IC313
NJM7915FA
IC302
NJM7805FA(S)
IC303
OPEN
TR319
2SA1020(Y)
TR313
2SC1740S(S)
TR326
DTC114ES
TR314
SHORT
TR320
OPEN
D315
1SS270A
D316
1SS270A
D305
1SS270A
D306
OPEN
C320
10/50(RFS)
C321
10/50(RFS)
C359
10/50
C360
10/50
C336
1/50(ASF)
C337
1/50(ASF)
C323
1/50
C310
10/50
C324
OPEN
C341
1/50
C315
OPEN
C325
OPEN
C338
OPEN
C327
OPEN
R329
30(NB)
R328
30(NB)
R345
10K
R316
30(NB)
R341
22K
R335
1K
R324
2K
R330
OPEN
R338
OPEN
R317
OPEN
CW071
7P-TUCP-SOCKET
CW082
8P-TUCP-SOCKET
To 1U-3404-5
PRE_REG_UNIT
(Sheet-13/19)



NOTICE

ALL RESISTANCE VALUES IN OHM.
ALL CAPACITANCE VALUES IN MICR
EACH VOLTAGE AND CURRENT AR
CONDITION.
CIRCUIT AND PARTS ARE SUBJECT
NOTICE.



W514 RED
W515 BLK
W516 RED
To POWER TRANS (Sheet-13/19)
50V)
W517
W518

± B LINE
SIGNAL LINE

N OHM. k=1,000 OHM M=1,000,000 OHM
IN MICRO FARAD. P=MICRO-MICRO FARAD
ENT ARE MEASUERD AT MO SIGNAL INPUT

UBJECT TO CHANGE WITHOUT PRIOR

WARNING:
Parts marked with this symbol ⚠ ▭ 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 milliamps, or if the resistance from chassis to either side of the power card is less than 460kohms, the unit is defective.

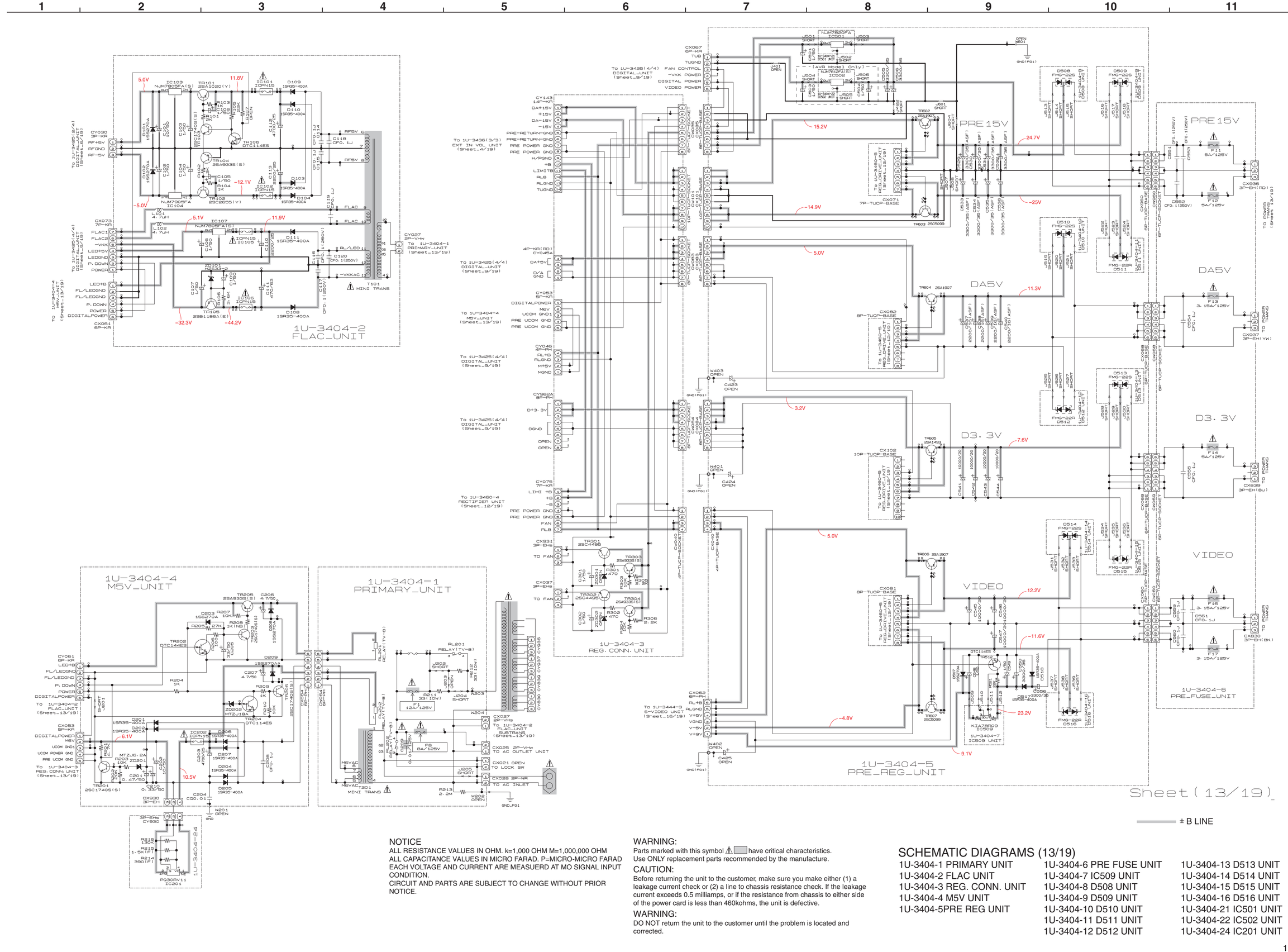
WARNING:
DO NOT return the unit to the customer until the problem is located and corrected.

SCHEMATIC DIAGRAMS (12/19)

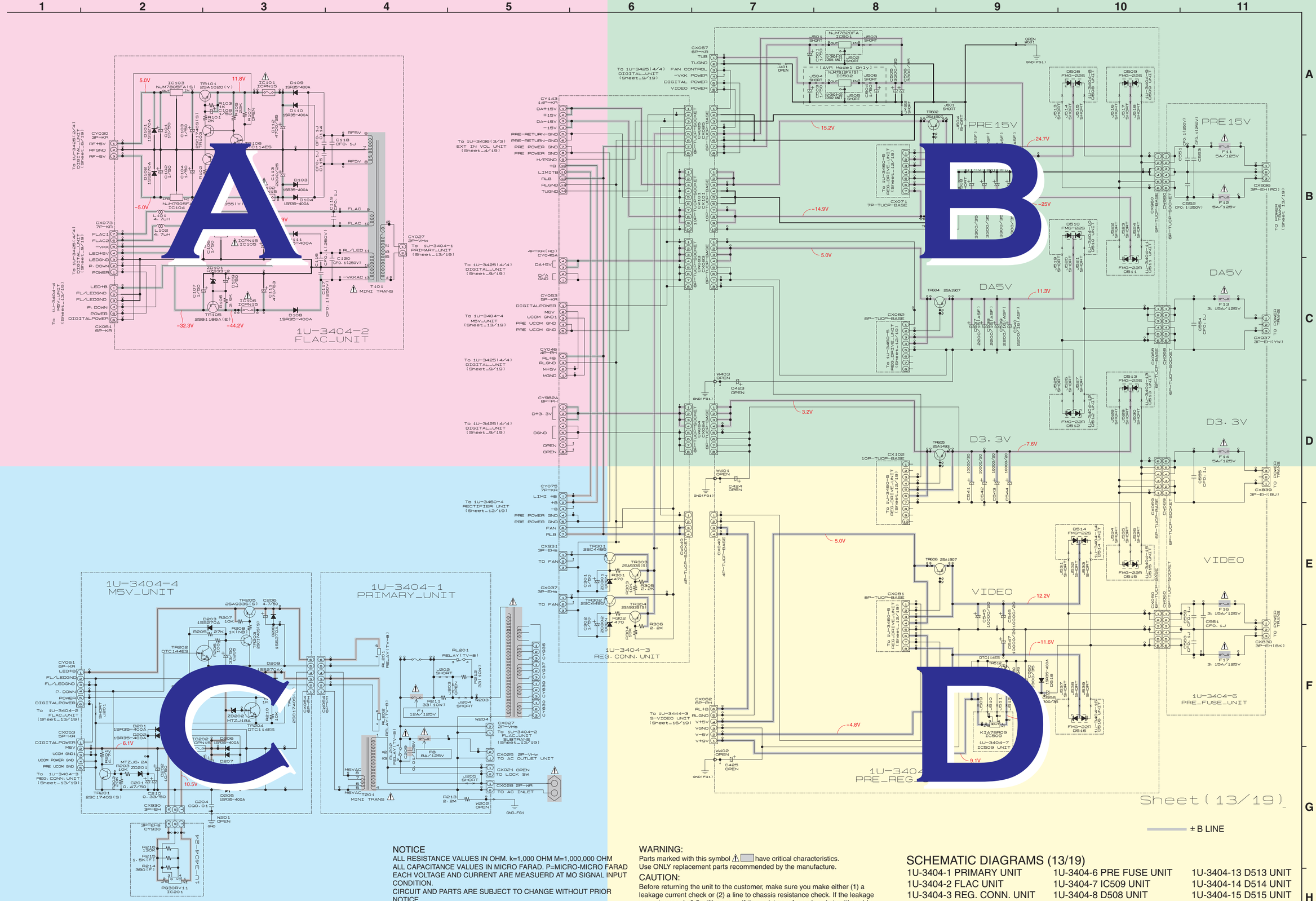
1U-3460-1 SP UNIT-1
1U-3460-2 SP UNIT-2
1U-3460-4 RECTIFIER UNIT
1U-3460-5 REG DRIVE UNIT
1U-3460-7 DIODE UNIT

E
F
G
H

SCHEMATIC DIAGRAMS (13/19)



SCHEMATIC DIAGRAMS (13/19)



Sheet(13/19)

± B LINE

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 MEASUERD AT MO SIGNAL INPUT CONDITION.
CIRCUIT AND PARTS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

WARNING:

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WARNING:

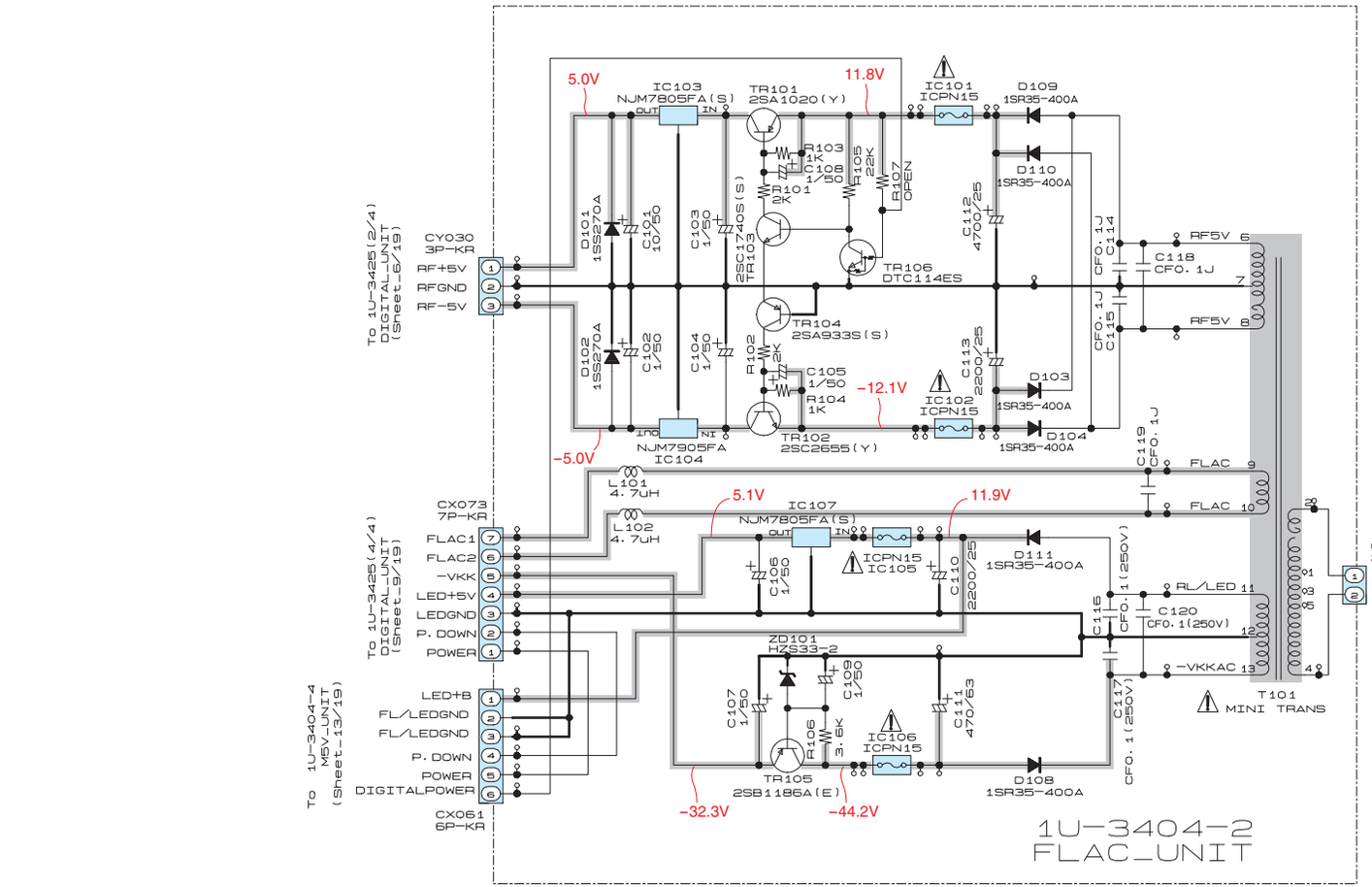
DO NOT return the unit to the customer until the problem is located and corrected.

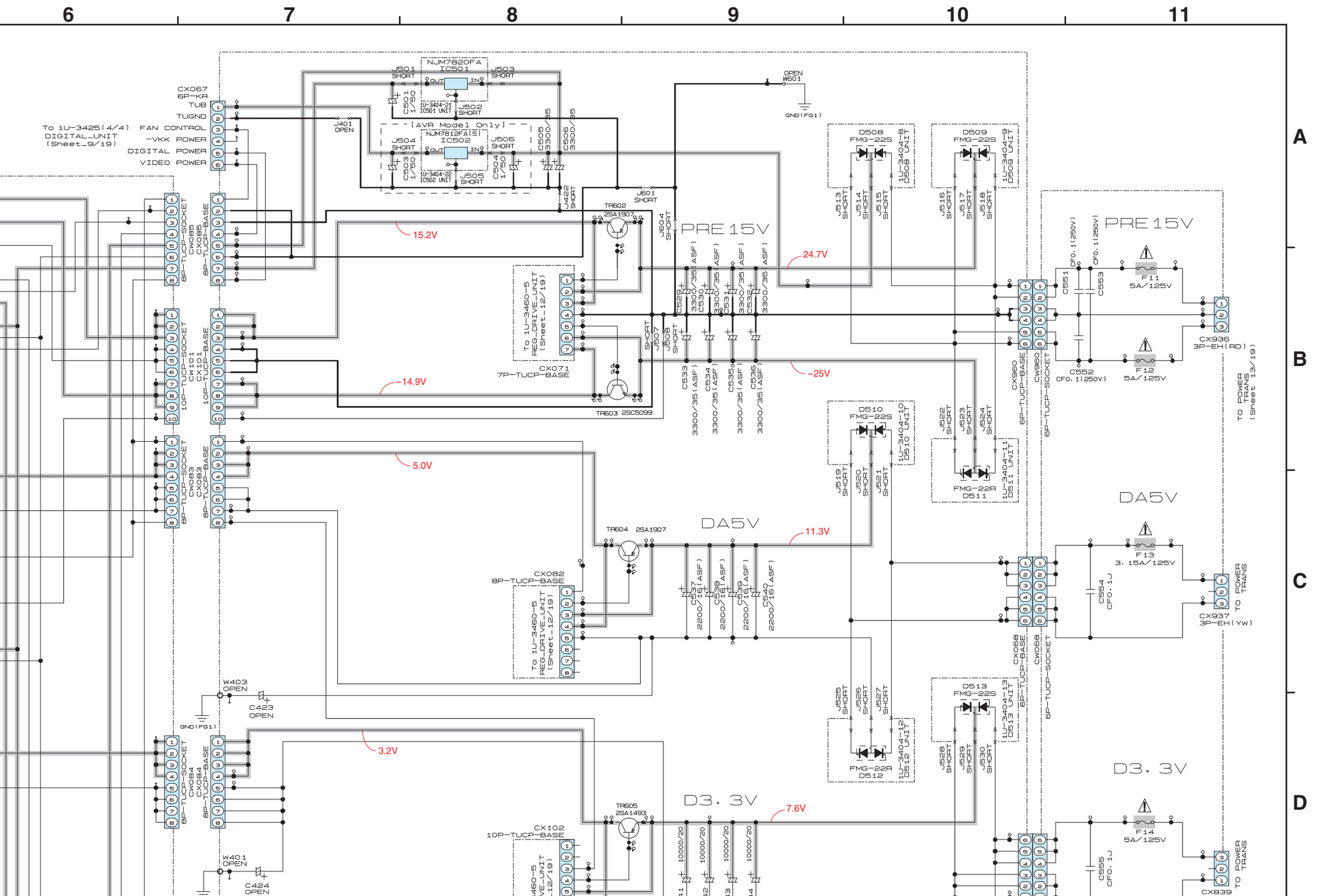
SCHEMATIC DIAGRAMS (13/19)

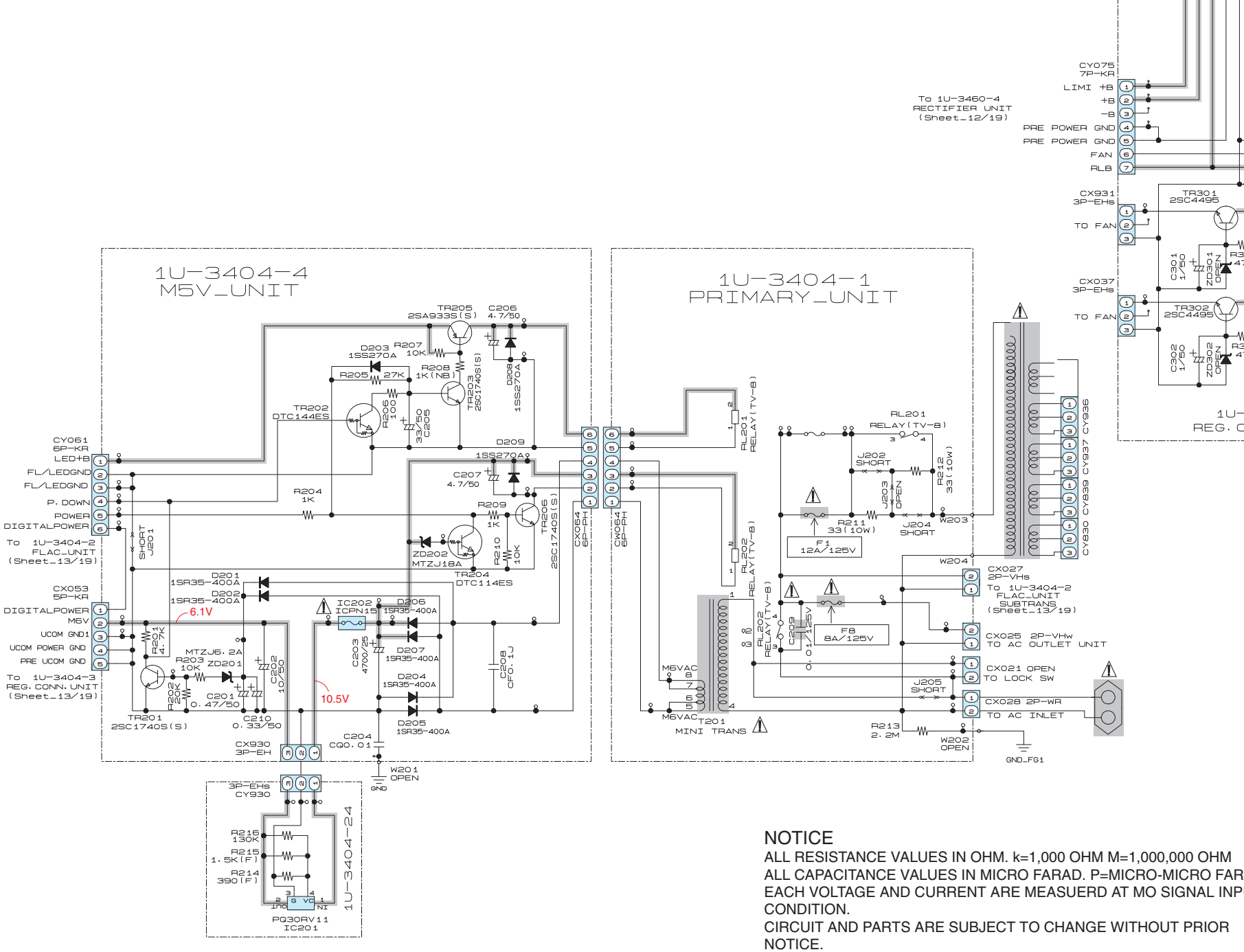
1U-3404-1 PRIMARY UNIT
1U-3404-2 FLAC UNIT
1U-3404-3 REG. CONN. UNIT
1U-3404-4 M5V UNIT
1U-3404-5PRE REG UNIT
1U-3404-6 PRE FUSE UNIT
1U-3404-7 IC509 UNIT
1U-3404-8 D508 UNIT
1U-3404-9 D509 UNIT
1U-3404-10 D510 UNIT
1U-3404-11 D511 UNIT
1U-3404-12 D512 UNIT
1U-3404-13 D513 UNIT
1U-3404-14 D514 UNIT
1U-3404-15 D515 UNIT
1U-3404-16 D516 UNIT
1U-3404-21 IC501 UNIT
1U-3404-22 IC502 UNIT
1U-3404-24 IC201 UNIT

SCHEMATIC DIAGRAMS (13/19)

1 2 3 4 5

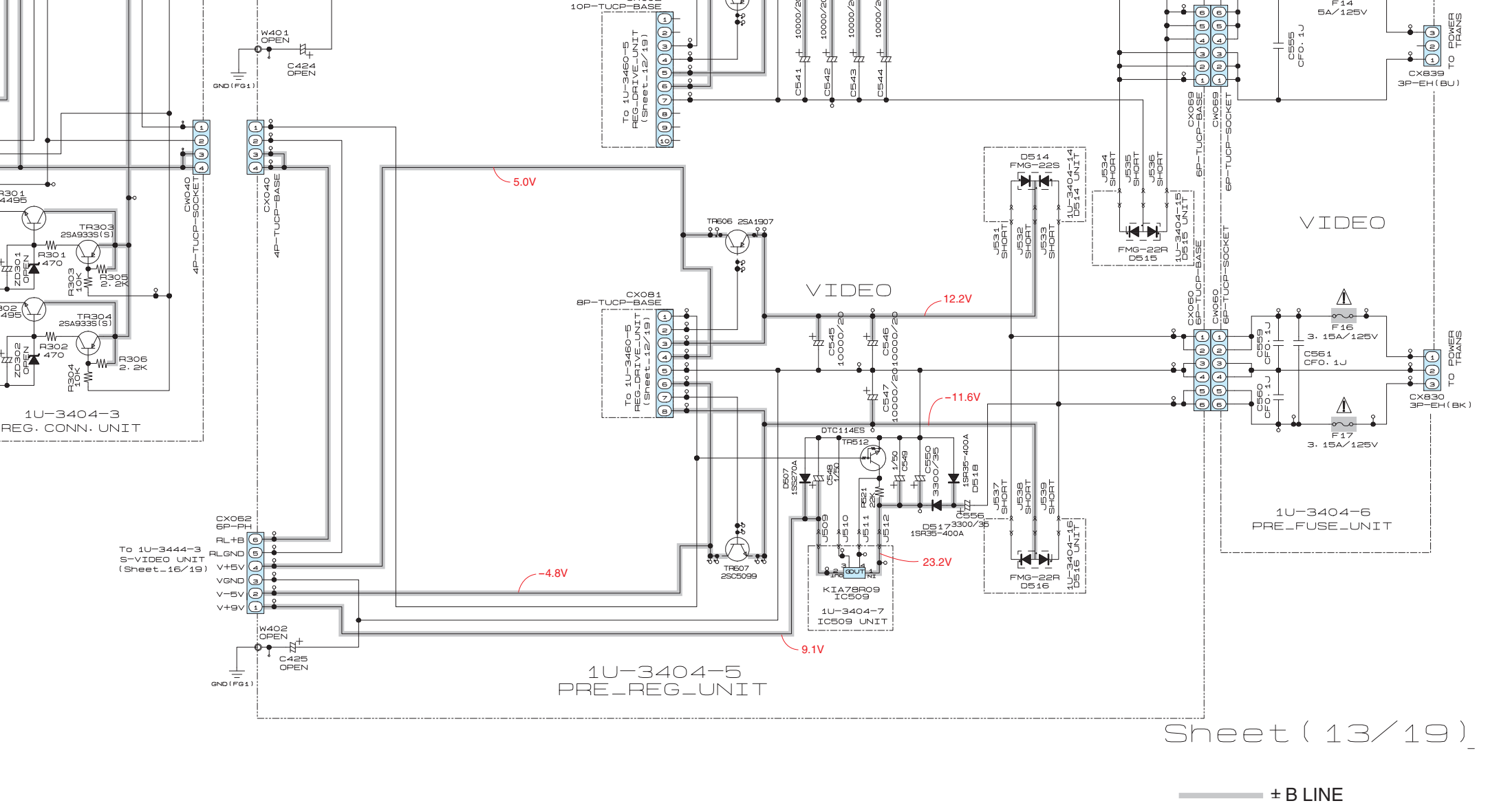



6
7
8
9
10
11
A
B
C
D
CX067
6P-KR
TUB
TUGND
FAN CONTROL
-VKK POWER
DIGITAL POWER
VIDEO POWER
To 1U-3425(4/4)
DIGITAL_UNIT
(Sheet-9/19)
J401
OPEN
NJM7820FA
IC501
J501
SHORT
J502
SHORT
J503
SHORT
C501
1/50
1U-3404-21
IC501 UNIT
[AVR Model Only]
NJM7812FA(S)
IC502
J504
SHORT
J505
SHORT
J506
SHORT
C503
1/50
C504
1/50
C505
3300/35
C506
3300/35
1U-3404-22
IC502 UNIT
J422
SHORT
J601
SHORT
W601
OPEN
GND(FG1)
D508
FMG-22S
1U-3404-8
D508 UNIT
D509
FMG-22S
1U-3404-9
D509 UNIT
J513
SHORT
J514
SHORT
J515
SHORT
J516
SHORT
J517
SHORT
J518
SHORT
PRE15V
CFO.1(250V)
C551
C553
F11
5A/125V
F12
5A/125V
C552
CFO.1(250V)
CX936
3P-EH(RD)
TO POWER
TRANS
(Sheet 13/19)
CX960
6P-TUCP-BASE
CW960
6P-TUCP-SOCKET
CW085
8P-TUCP-SOCKET
CX085
8P-TUCP-BASE
CW101
10P-TUCP-SOCKET
CX101
10P-TUCP-BASE
CW083
8P-TUCP-SOCKET
CX083
8P-TUCP-BASE
CW084
8P-TUCP-SOCKET
CX084
8P-TUCP-BASE
CW102
10P-TUCP-SOCKET
CX102
10P-TUCP-BASE
CW068
6P-TUCP-SOCKET
CX068
6P-TUCP-BASE
TR602
2SA1907
TR603
2SC5099
TR604
2SA1907
TR605
2SA1493
15.2V
24.7V
-14.9V
-25V
5.0V
11.3V
3.2V
7.6V
J604
SHORT
J507
SHORT
J508
SHORT
C529
3300/35(ASF)
C530
3300/35(ASF)
C531
3300/35(ASF)
C532
3300/35(ASF)
C533
3300/35(ASF)
C534
3300/35(ASF)
C535
3300/35(ASF)
C536
3300/35(ASF)
To 1U-3460-5
REG-DRIVE-UNIT
(Sheet-12/19)
CX071
7P-TUCP-BASE
CX082
8P-TUCP-BASE
C537
2200/16(ASF)
C538
2200/16(ASF)
C539
2200/16(ASF)
C540
2200/16(ASF)
D510
FMG-22S
1U-3404-10
D510 UNIT
D511
FMG-22R
1U-3404-11
D511 UNIT
J519
SHORT
J520
SHORT
J521
SHORT
J522
SHORT
J523
SHORT
J524
SHORT
DA5V
F13
3.15A/125V
C554
CFO.1J
CX937
3P-EH(YW)
TO POWER
TRANS
D512
FMG-22R
1U-3404-12
D512 UNIT
D513
FMG-22S
1U-3404-13
D513 UNIT
J525
SHORT
J526
SHORT
J527
SHORT
J528
SHORT
J529
SHORT
J530
SHORT
D3.3V
F14
5A/125V
C555
CFO.1J
CX839
TO POWER
TRANS
W403
OPEN
C423
OPEN
W401
OPEN
C424
OPEN
10000/20



NOTICE

ALL RESISTANCE VALUES IN OHM. k=1,000 OHM M=1,000,000 OHM
ALL CAPACITANCE VALUES IN MICRO FARAD. P=MICRO-MICRO FAR
EACH VOLTAGE AND CURRENT ARE MEASUERD AT MO SIGNAL INP
CONDITION.
CIRCUIT AND PARTS ARE SUBJECT TO CHANGE WITHOUT PRIOR
NOTICE.



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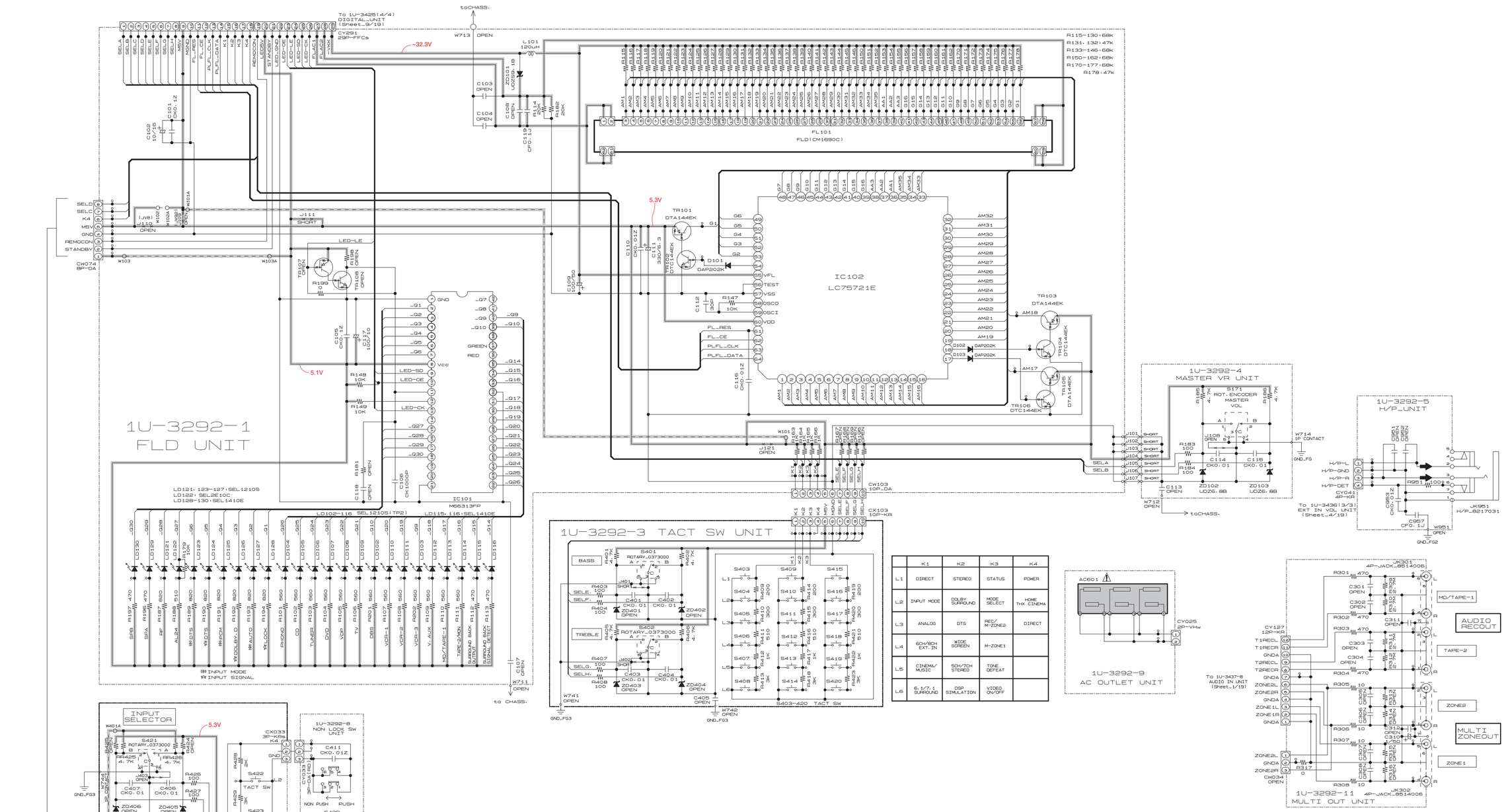
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SCHEMATIC DIAGRAMS (13/19)

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1U-3404-7 IC509 UNIT
1U-3404-8 D508 UNIT
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1U-3404-11 D511 UNIT
1U-3404-12 D512 UNIT
1U-3404-13 D513 UNIT
1U-3404-14 D514 UNIT
1U-3404-15 D515 UNIT
1U-3404-16 D516 UNIT
1U-3404-21 IC501 UNIT
1U-3404-22 IC502 UNIT
1U-3404-24 IC201 UNIT

SCHEMATIC DIAGRAMS (14/19)



	K1	K2	K3	K4
L1	DIRECT	STEREO	STATUS	POWER
L2	INPUT MODE	DOLBY SURROUND	MODE SELECT	HOME THX CINEMA
L3	ANALOG	DTS	REC/ M-ZONE2	DIRECT
L4	6CH/8CH EXT.IN	WIDE SCREEN	M-ZONE1	
L5	CINEMA/ MUSIC	5CH/7CH STEREO	TONE DEFEAT	
L6	6.1/7.1 SURROUND	DSP SIMULATION	VIDEO ON/OFF	

± B LINE
SIGNAL LINE

NOTICE

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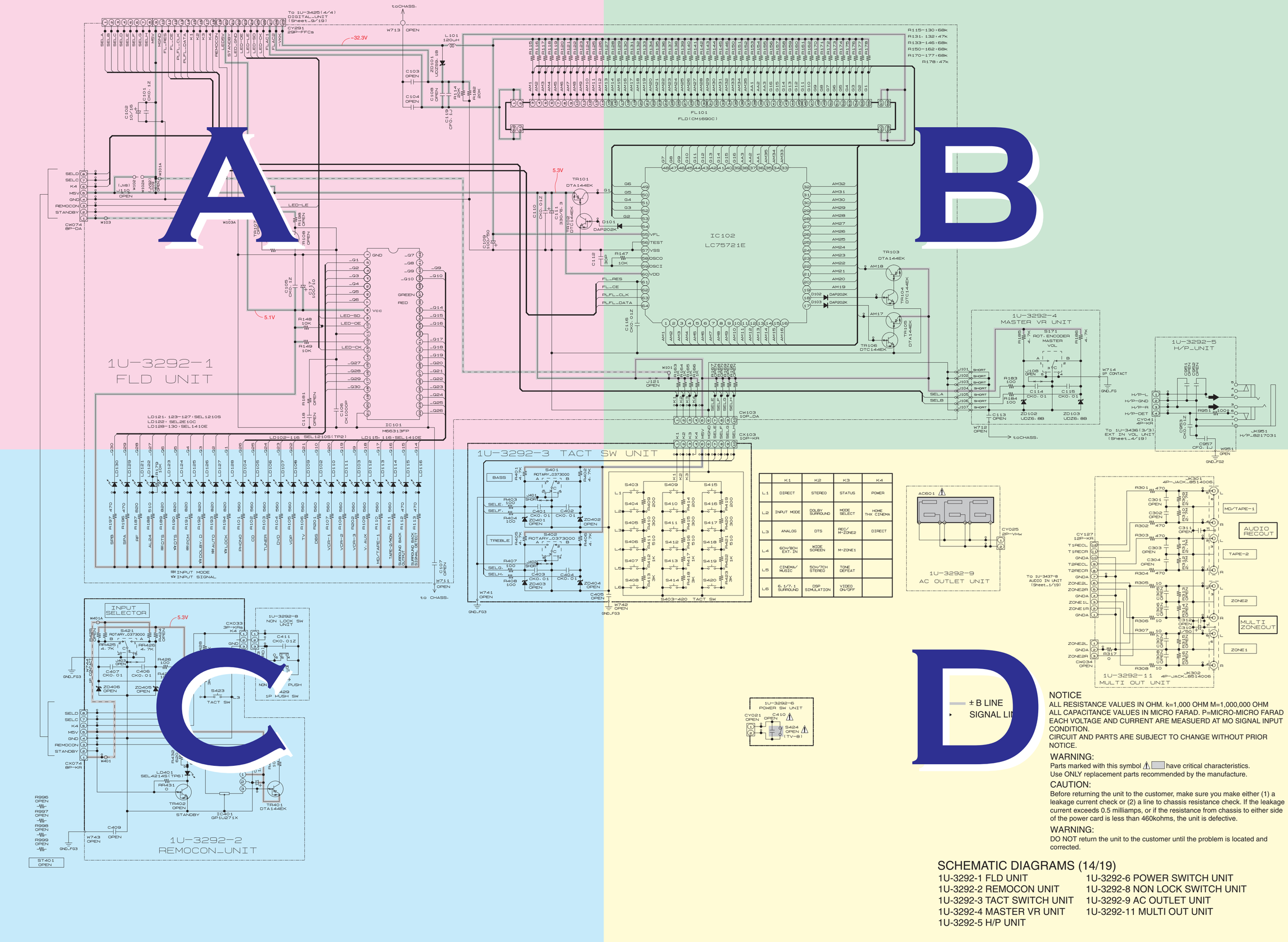
WARNING:

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SCHEMATIC DIAGRAMS (14/19)

1U-3292-1 FLD UNIT
1U-3292-2 REMOCON UNIT
1U-3292-3 TACT SWITCH UNIT
1U-3292-4 MASTER VR UNIT
1U-3292-5 H/P UNIT
1U-3292-6 POWER SWITCH UNIT
1U-3292-8 NON LOCK SWITCH UNIT
1U-3292-9 AC OUTLET UNIT
1U-3292-11 MULTI OUT UNIT

SCHEMATIC DIAGRAMS (14/19)



± B LINE
SIGNAL LI

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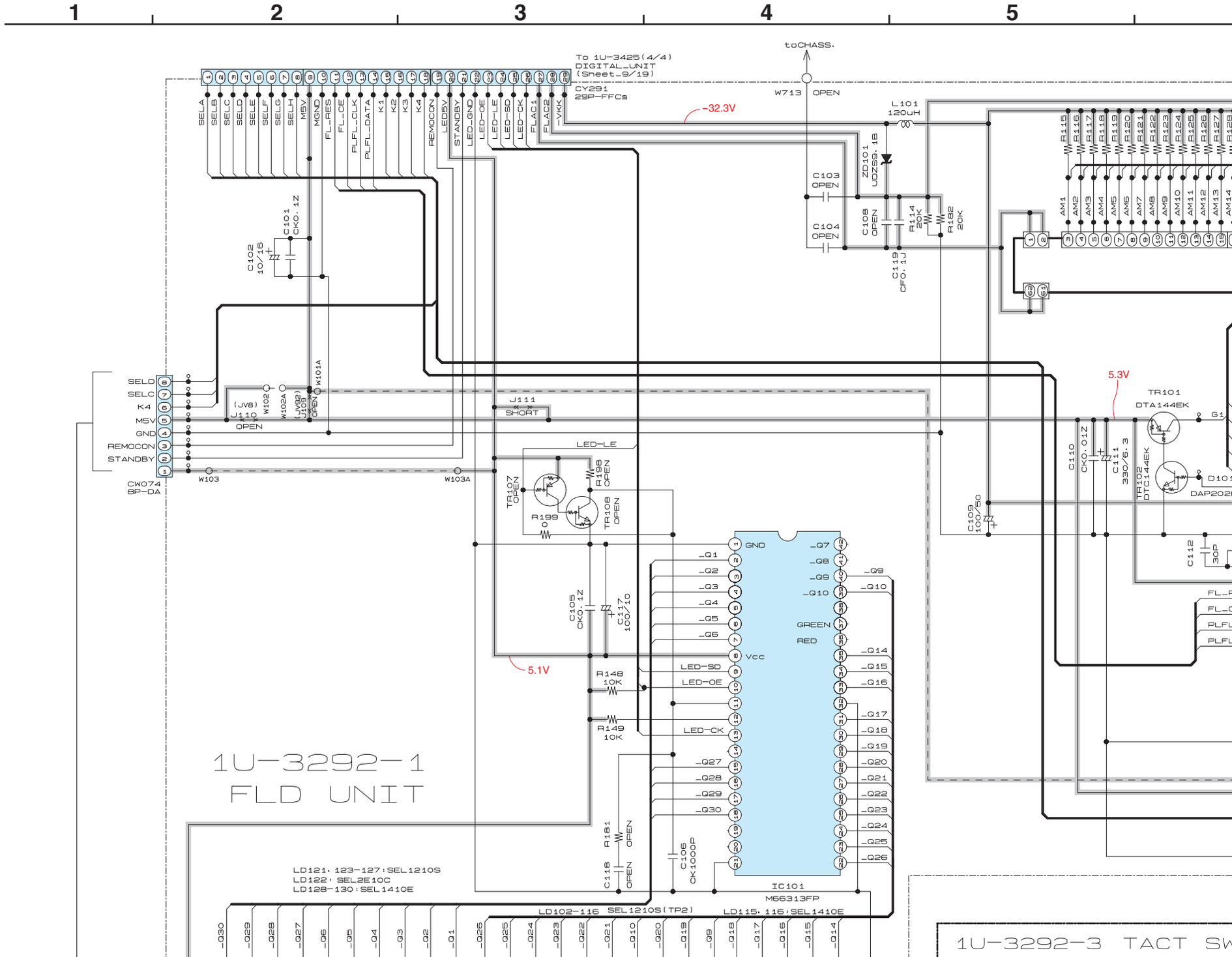
WARNING:

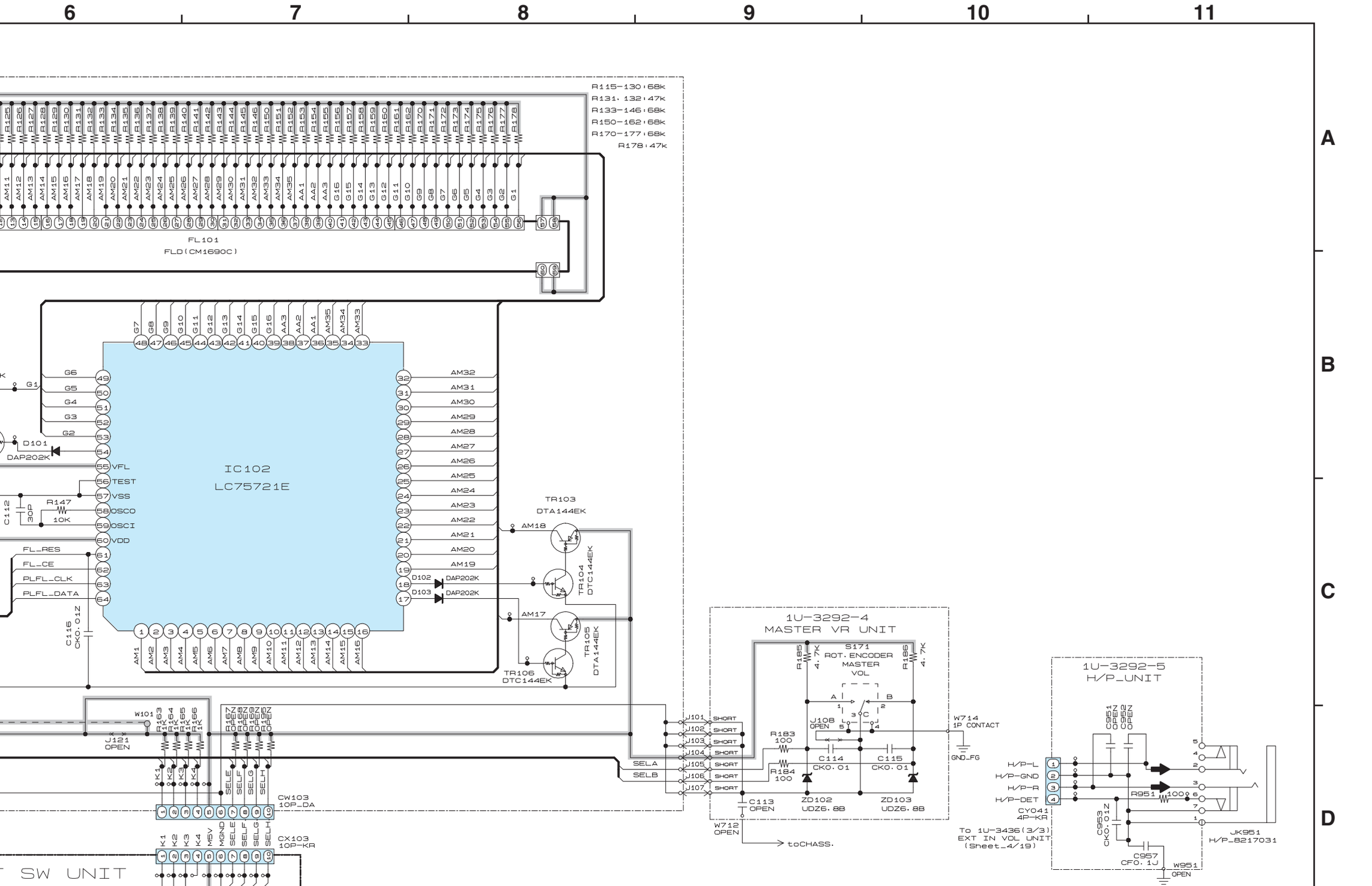
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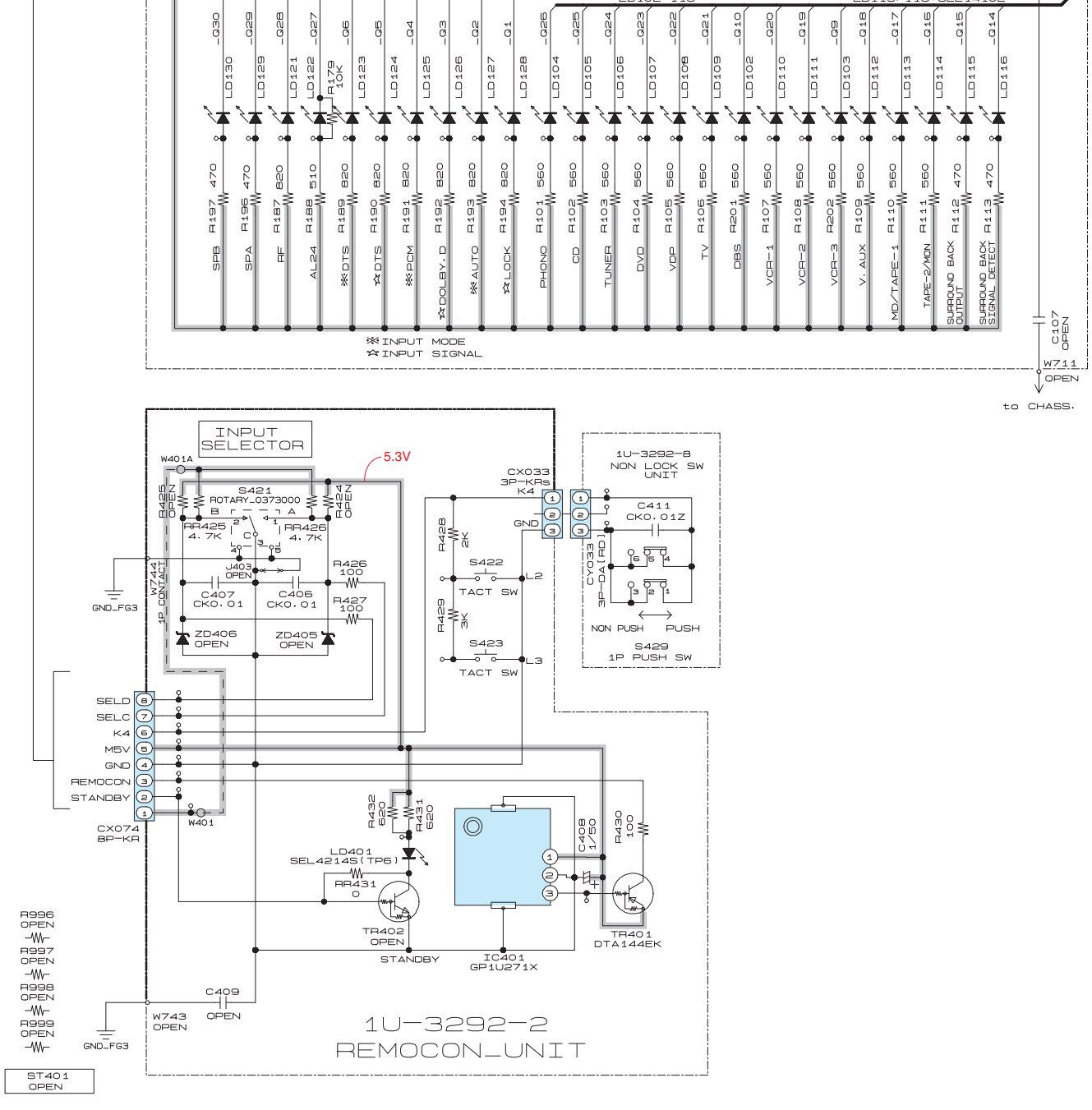
SCHEMATIC DIAGRAMS (14/19)

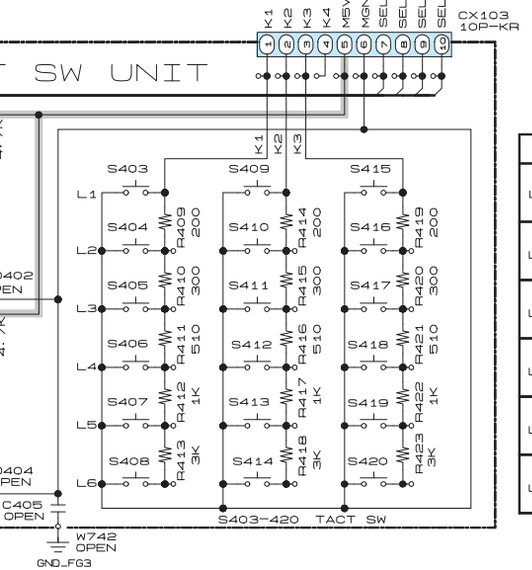
1U-3292-1 FLD UNIT
1U-3292-2 REMOCON UNIT
1U-3292-3 TACT SWITCH UNIT
1U-3292-4 MASTER VR UNIT
1U-3292-5 H/P UNIT
1U-3292-6 POWER SWITCH UNIT
1U-3292-8 NON LOCK SWITCH UNIT
1U-3292-9 AC OUTLET UNIT
1U-3292-11 MULTI OUT UNIT

SCHEMATIC DIAGRAMS (14/19)

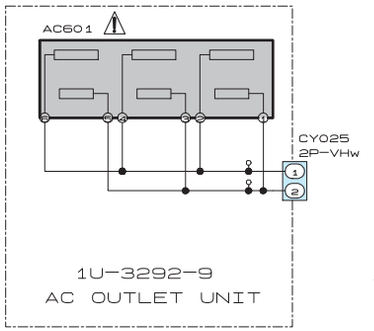



6
7
8
9
10
11
A
B
C
D
R115–130:68k
R131. 132:47k
R133–146:68k
R150–162:68k
R170–177:68k
R178:47k
FL101
FLD(CM1690C)
IC102
LC75721E
VFL
TEST
VSS
OSCO
OSCI
VDD
FL_RES
FL_CE
PLFL_CLK
PLFL_DATA
R147
10K
C112
30P
C116
CKO.01Z
D101
DAP202K
D102
DAP202K
D103
DAP202K
TR103
DTA144EK
TR104
DTC144EK
TR105
DTA144EK
TR106
DTC144EK
1U–3292–4
MASTER VR UNIT
S171
ROT. ENCODER
MASTER
VOL
R185
4.7K
R186
4.7K
R183
100
R184
100
C114
CKO.01
C115
CKO.01
C113
OPEN
ZD102
UDZ6.8B
ZD103
UDZ6.8B
J108
OPEN
W714
1P CONTACT
GND_FG
W712
OPEN
toCHASS.
1U–3292–5
H/P_UNIT
C951
OPEN
C952
OPEN
H/P–L
H/P–GND
H/P–R
H/P–DET
CY041
4P–KR
R951
100
C953
CKO.01Z
C957
CFO.1J
W951
OPEN
JK951
H/P_8217031
To 1U–3436(3/3)
EXT IN VOL UNIT
(Sheet_4/19)
W101
J121
OPEN
R163
1K
R164
1K
R165
1K
R166
1K
J101
J102
J103
J104
J105
J106
J107
SHORT
SELA
SELB
CW103
10P_DA
CX103
10P–KR
K1
K2
K3
K4
MSV
MGND
SELE
SELF
SELG
SELH
T SW UNIT

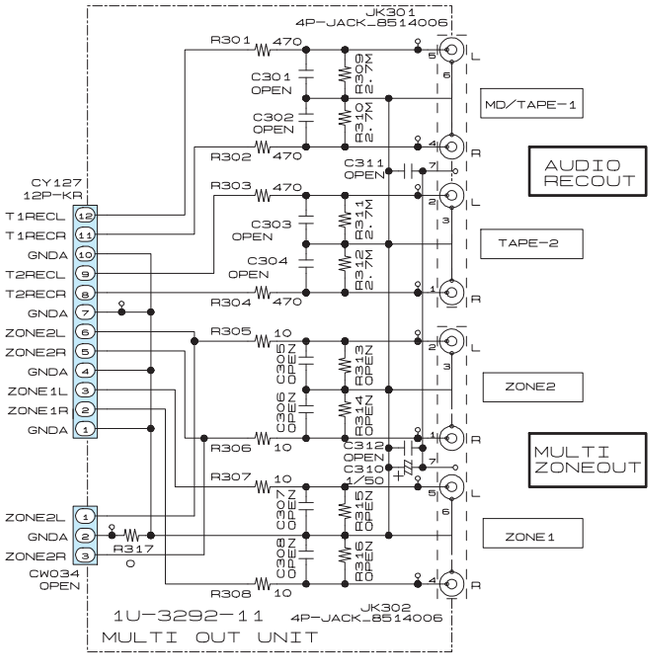

※INPUT MODE
☆INPUT SIGNAL
C107 OPEN
W711 OPEN
to CHASS.
INPUT SELECTOR
5.3V
S421 ROTARY_0373000
RR425 4.7K
RR426 4.7K
J403 OPEN
C407 CKO.01
C406 CKO.01
R426 100
R427 100
ZD406 OPEN
ZD405 OPEN
W744 1P CONTACT
GND_FG3
R428 2K
R429 3K
S422 TACT SW
S423 TACT SW
CX033 3P-KRs
CY033 3P-DA(RD)
1U-3292-8 NON LOCK SW UNIT
C411 CKO.01Z
NON PUSH PUSH
S429 1P PUSH SW
SELD
SELC
K4
M5V
GND
REMOCON
STANDBY
CX074 8P-KR
W401
R432 620
R431 620
LD401 SEL4214S(TP6)
RR431 0
TR402 OPEN
STANDBY
C408 1/50
R430 100
TR401 DTA144EK
IC401 GP1U271X
C409 OPEN
W743 OPEN
R996 OPEN
R997 OPEN
R998 OPEN
R999 OPEN
ST401 OPEN
1U-3292-2 REMOCON_UNIT
1U-3292-3 TACT SW
BASS
TREBLE
S401 ROTARY_0373000
S402 ROTARY_0373000
J401 SHORT
J402 SHORT
SELE. 100
SELF. 100
SELG. 100
SELH. 100
C401 CKO.01
C402 CKO.01
C403 CKO.01
C404 CKO.01
ZD401 OPEN
ZD402 OPEN
ZD403 OPEN
ZD404 OPEN
C405 OPEN
W741 OPEN
GND_FG3

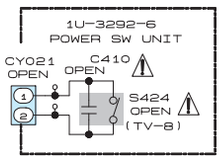


	K1	K2	K3	K4
L1	DIRECT	STEREO	STATUS	POWER
L2	INPUT MODE	DOLBY SURROUND	MODE SELECT	HOME THX CINEMA
L3	ANALOG	DTS	REC/ M-ZONE2	DIRECT
L4	6CH/8CH EXT. IN	WIDE SCREEN	M-ZONE1	
L5	CINEMA/ MUSIC	5CH/7CH STEREO	TONE DEFEAT	
L6	6.1/7.1 SURROUND	DSP SIMULATION	VIDEO ON/OFF	









± B LINE

SIGNAL LINE

NOTICE

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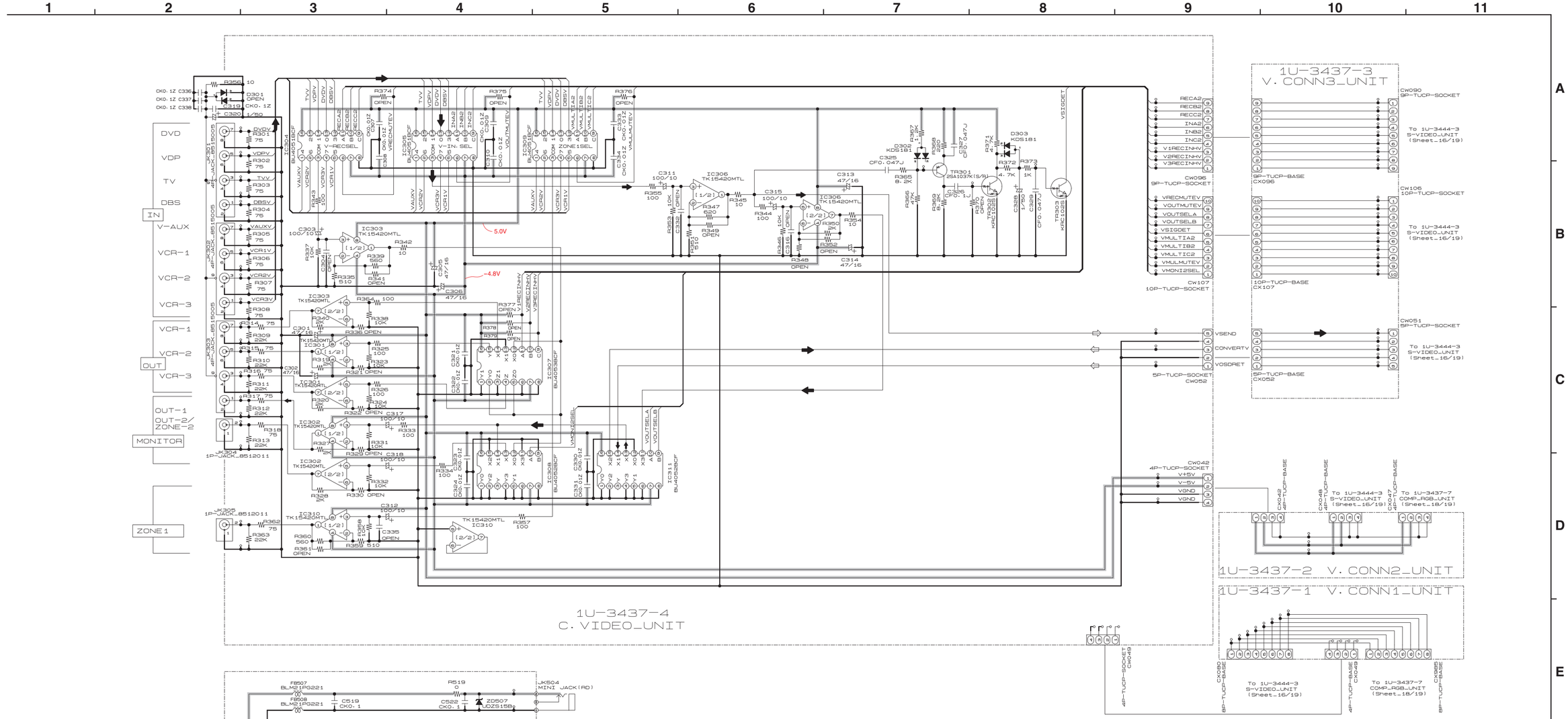
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SCHEMATIC DIAGRAMS (14/19)

1U-3292-1 FLD UNIT
1U-3292-2 REMOCON UNIT
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1U-3292-11 MULTI OUT UNIT

SCHEMATIC DIAGRAMS (15/19)



NOTICE

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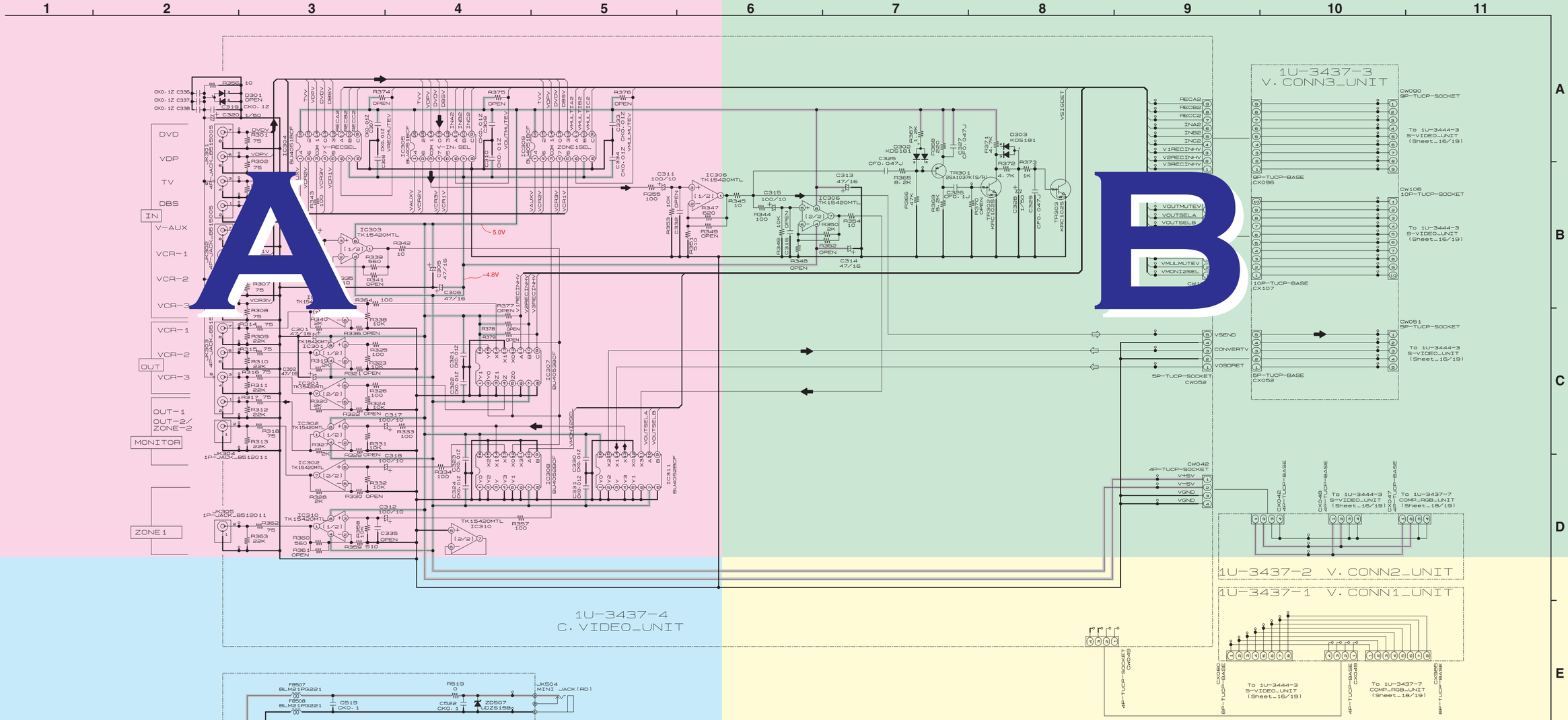
± B LINE
SIGNAL LINE

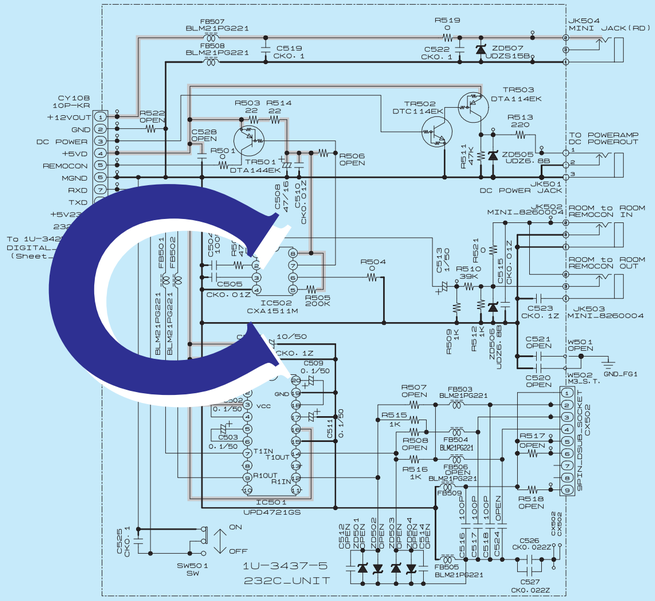
SCHEMATIC DIAGRAMS (15/19)

1U-3437-1 V.CONN1 UNIT
1U-3437-2 V.CONN2 UNIT
1U-3437-3 V.CONN3 UNIT
1U-3437-4 C. VIDEO UNIT
1U-3437-5 232C UNIT

Sheet (15/19)

SCHEMATIC DIAGRAMS (15/19)





Sheet (15/19)

NOTICE

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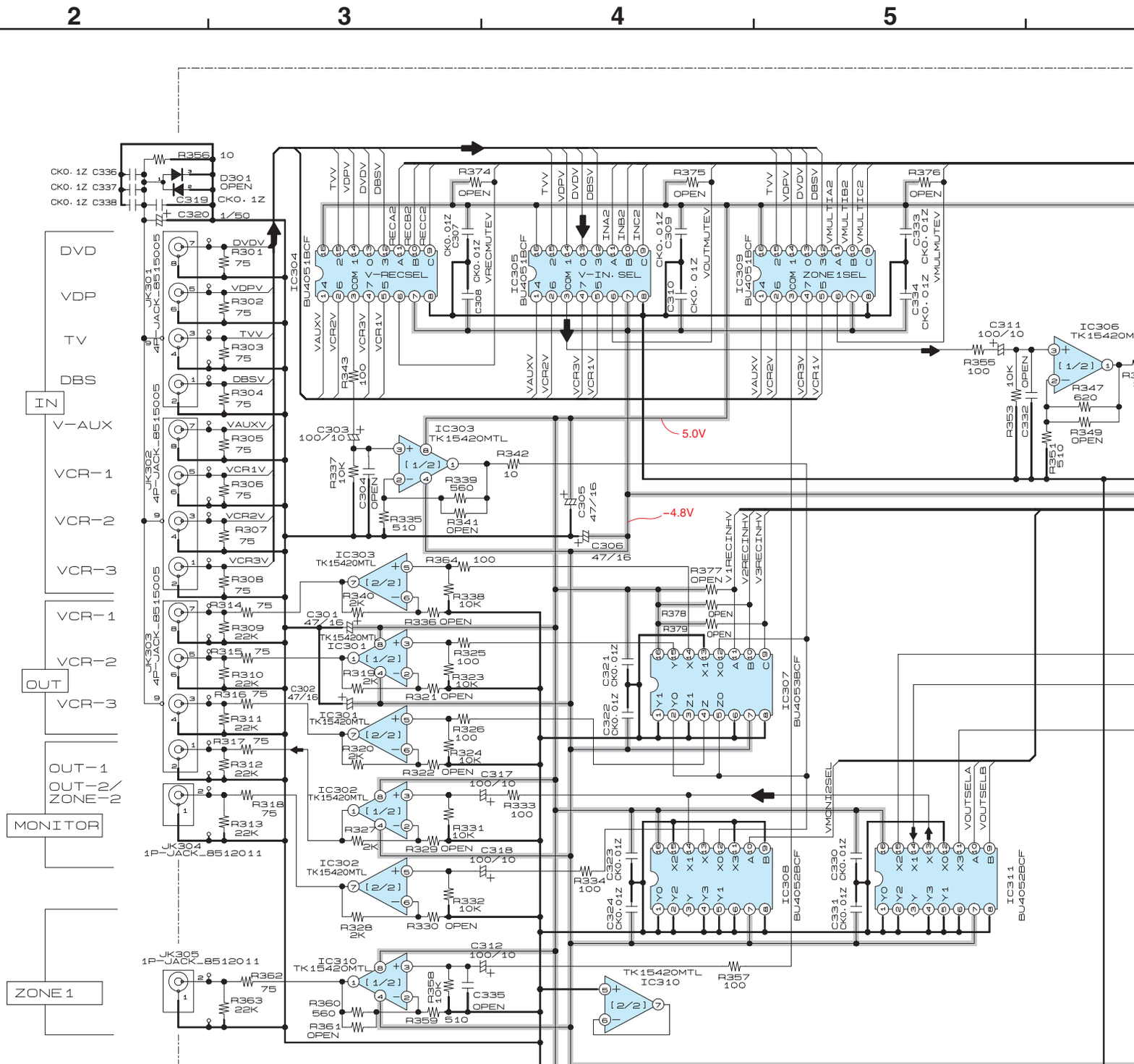
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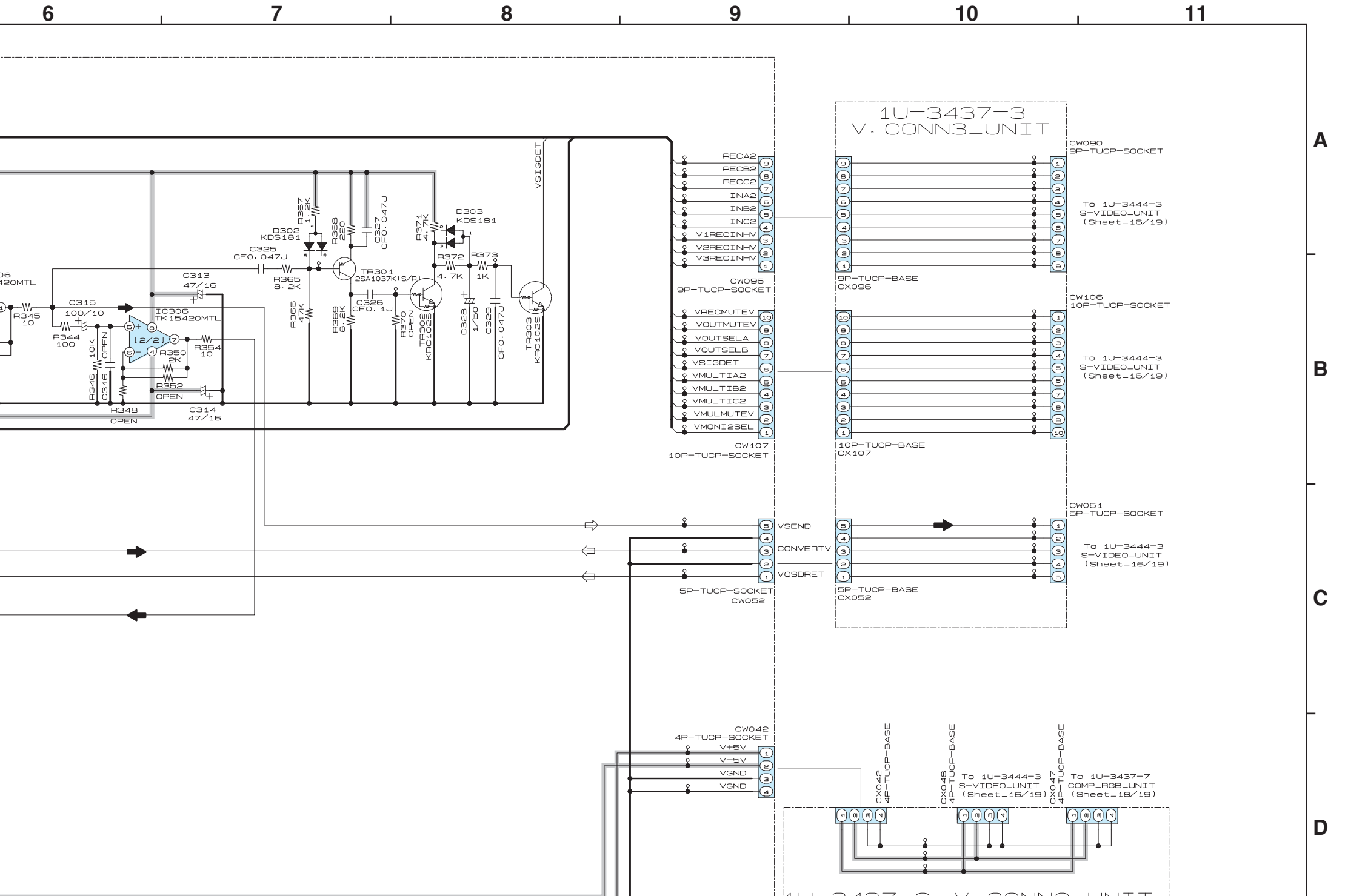
± B LINE
SIGNAL LINE

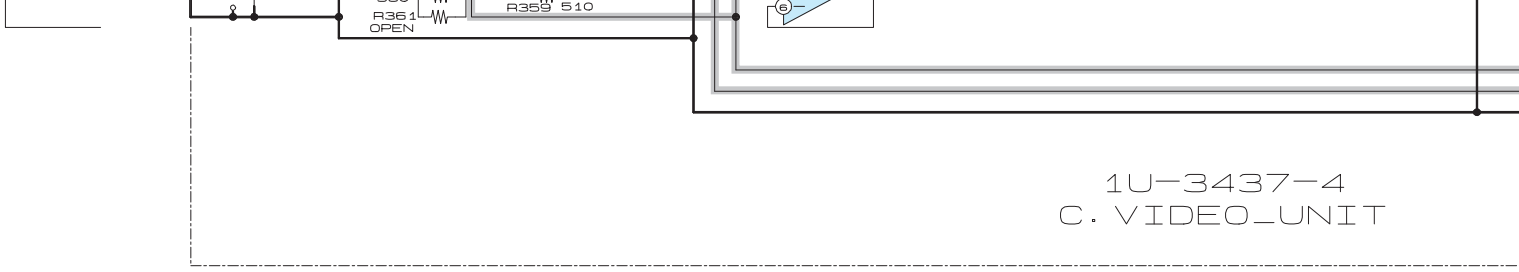
SCHEMATIC DIAGRAMS (15/19)

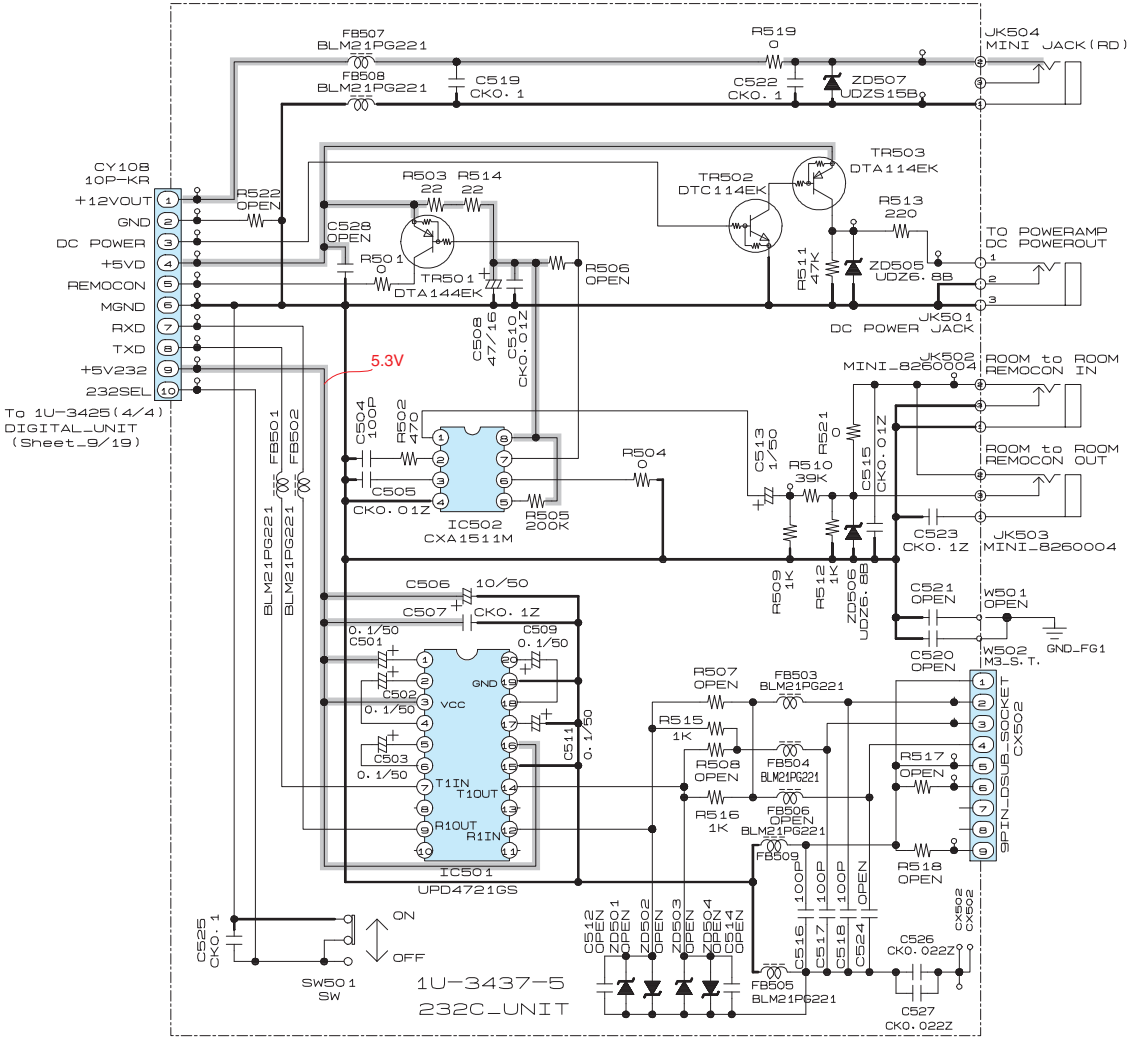
1U-3437-1 V.CONN1 UNIT
1U-3437-2 V.CONN2 UNIT
1U-3437-3 V.CONN3 UNIT
1U-3437-4 C. VIDEO UNIT
1U-3437-5 232C UNIT

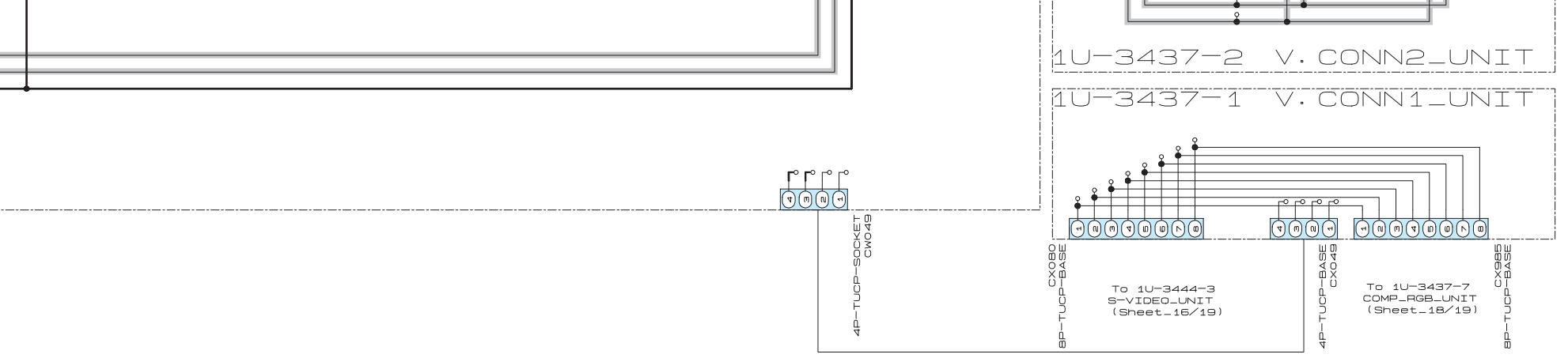
SCHEMATIC DIAGRAMS (15/19)




6
7
8
9
10
11
A
B
C
D
VSIGDET
D302 KDS181
D303 KDS181
R367 1.2K
R368 220
C327 CF0.047J
R371 4.7K
C325 CF0.047J
R365 8.2K
TR301 2SA1037K(S/R)
R372 4.7K
R373 1K
C313 47/16
C315 100/10
R345 10
R344 100
IC306 TK15420MTL
R350 2K
R354 10
R346 10K
C316 OPEN
R352 OPEN
R348 OPEN
C314 47/16
R366 47K
R369 8.2K
C326 CF0.1J
R370 OPEN
TR302 KRC102S
C328 1/50
C329 CF0.047J
TR303 KRC102S
RECA2
RECB2
RECC2
INA2
INB2
INC2
V1RECINHV
V2RECINHV
V3RECINHV
CW096
9P-TUCP-SOCKET
VRECMUTEV
VOUTMUTEV
VOUTSELA
VOUTSELB
VSIGDET
VMULTIA2
VMULTIB2
VMULTIC2
VMULMUTEV
VMONI2SEL
CW107
10P-TUCP-SOCKET
1U-3437-3
V. CONN3_UNIT
CW090
9P-TUCP-SOCKET
To 1U-3444-3
S-VIDEO_UNIT
(Sheet_16/19)
9P-TUCP-BASE
CX096
CW106
10P-TUCP-SOCKET
To 1U-3444-3
S-VIDEO_UNIT
(Sheet_16/19)
10P-TUCP-BASE
CX107
VSEND
CONVERTV
VOSDRET
5P-TUCP-SOCKET
CW052
CW051
5P-TUCP-SOCKET
To 1U-3444-3
S-VIDEO_UNIT
(Sheet_16/19)
5P-TUCP-BASE
CX052
CW042
4P-TUCP-SOCKET
V+5V
V-5V
VGND
VGND
CX042
4P-TUCP-BASE
CX048
4P-TUCP-BASE
To 1U-3444-3
S-VIDEO_UNIT
(Sheet_16/19)
CX047
4P-TUCP-BASE
To 1U-3437-7
COMP_RGB_UNIT
(Sheet_18/19)


R361
OPEN
R359 510
1U-3437-4
C. VIDEO_UNIT


FB507
BLM21PG221
FB508
BLM21PG221
C519
CK0.1
R519
0
C522
CK0.1
ZD507
UDZS15B
JK504
MINI JACK(RD)
CY10B
10P-KR
+12VOUT
GND
DC POWER
+5VD
REMOCON
MGND
RXD
TXD
+5V232
232SEL
To 1U-3425(4/4)
DIGITAL_UNIT
(Sheet_9/19)
R522
OPEN
C528
OPEN
R503 R514
22 22
R501
0
TR501
DTA144EK
R506
OPEN
TR502
DTC114EK
TR503
DTA114EK
R513
220
R511
47K
ZD505
UDZ6.8B
TO POWERAMP
DC POWEROUT
JK501
DC POWER JACK
C508
47/16
C510
CK0.01Z
5.3V
JK502
MINI_8250004
ROOM to ROOM
REMOCON IN
ROOM to ROOM
REMOCON OUT
C504
100P
R502
470
C505
CK0.01Z
IC502
CXA1511M
R505
200K
R504
0
C513
1/50
R510
39K
R521
0
C515
CK0.01Z
C523
CK0.1Z
JK503
MINI_8260004
FB501
FB502
BLM21PG221
BLM21PG221
C506
10/50
C507
CK0.1Z
C501
0.1/50
C509
0.1/50
C502
0.1/50
C503
0.1/50
C511
0.1/50
GND
VCC
T1IN
T1OUT
R1OUT
R1IN
IC501
UPD4721GS
R509
1K
R512
1K
ZD506
UDZ6.8B
C521
OPEN
C520
OPEN
W501
OPEN
W502
M3_S.T.
GND_FG1
R507
OPEN
FB503
BLM21PG221
R515
1K
R508
OPEN
FB504
BLM21PG221
R516
1K
FB506
OPEN
BLM21PG221
FB509
R517
OPEN
R518
OPEN
9PIN_DSUB_SOCKET
CX502
C516
100P
C517
100P
C518
100P
C524
OPEN
C526
CK0.022Z
C527
CK0.022Z
FB505
BLM21PG221
C525
CK0.1
SW501
SW
ON
OFF
1U-3437-5
232C_UNIT



Sheet(15/19)

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

WARNING:

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

± B LINE

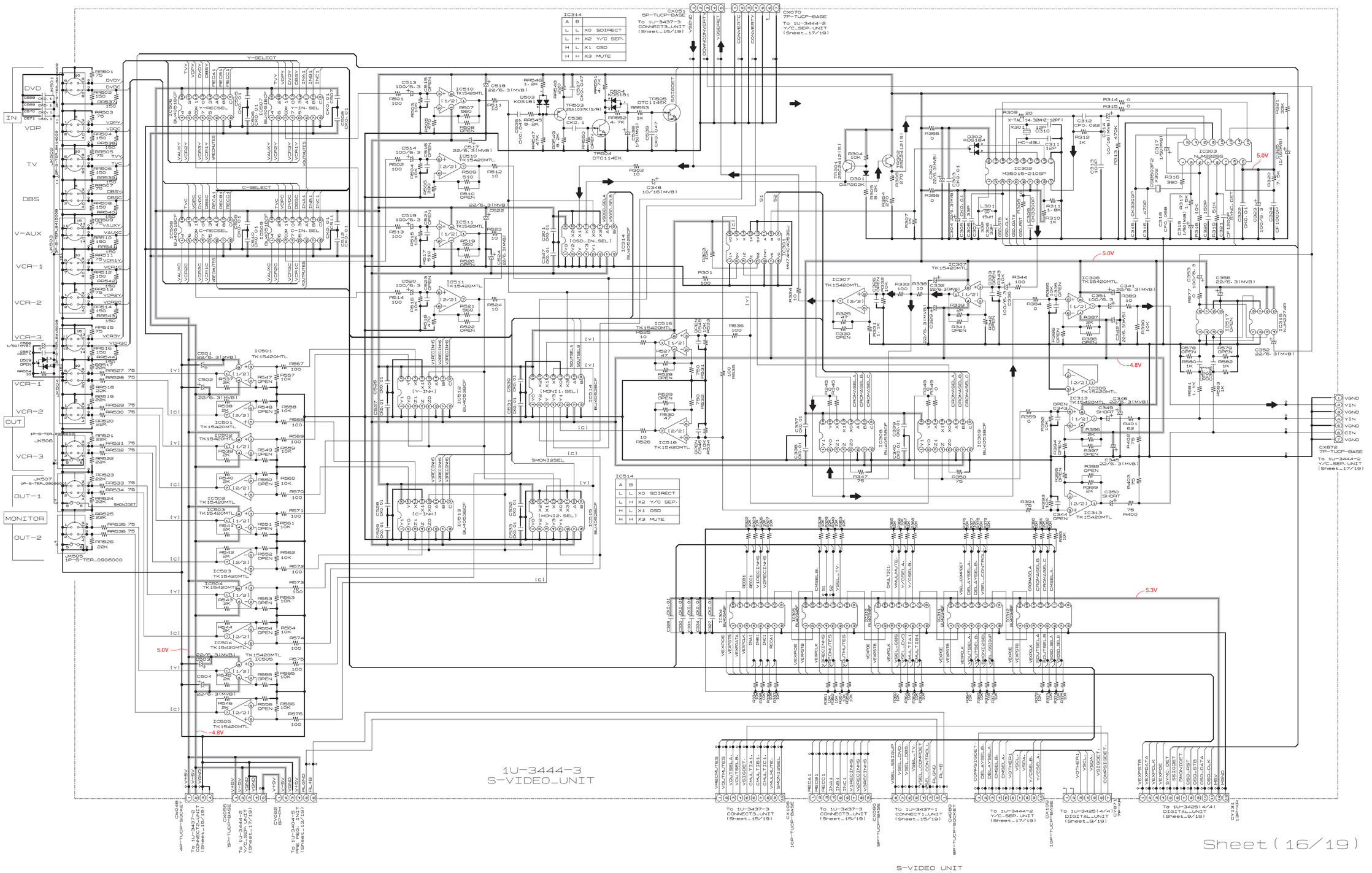
➔ SIGNAL LINE

SCHEMATIC DIAGRAMS (15/19)

1U-3437-1 V.CONN1 UNIT
1U-3437-2 V.CONN2 UNIT
1U-3437-3 V.CONN3 UNIT
1U-3437-4 C. VIDEO UNIT
1U-3437-5 232C UNIT

E F G H

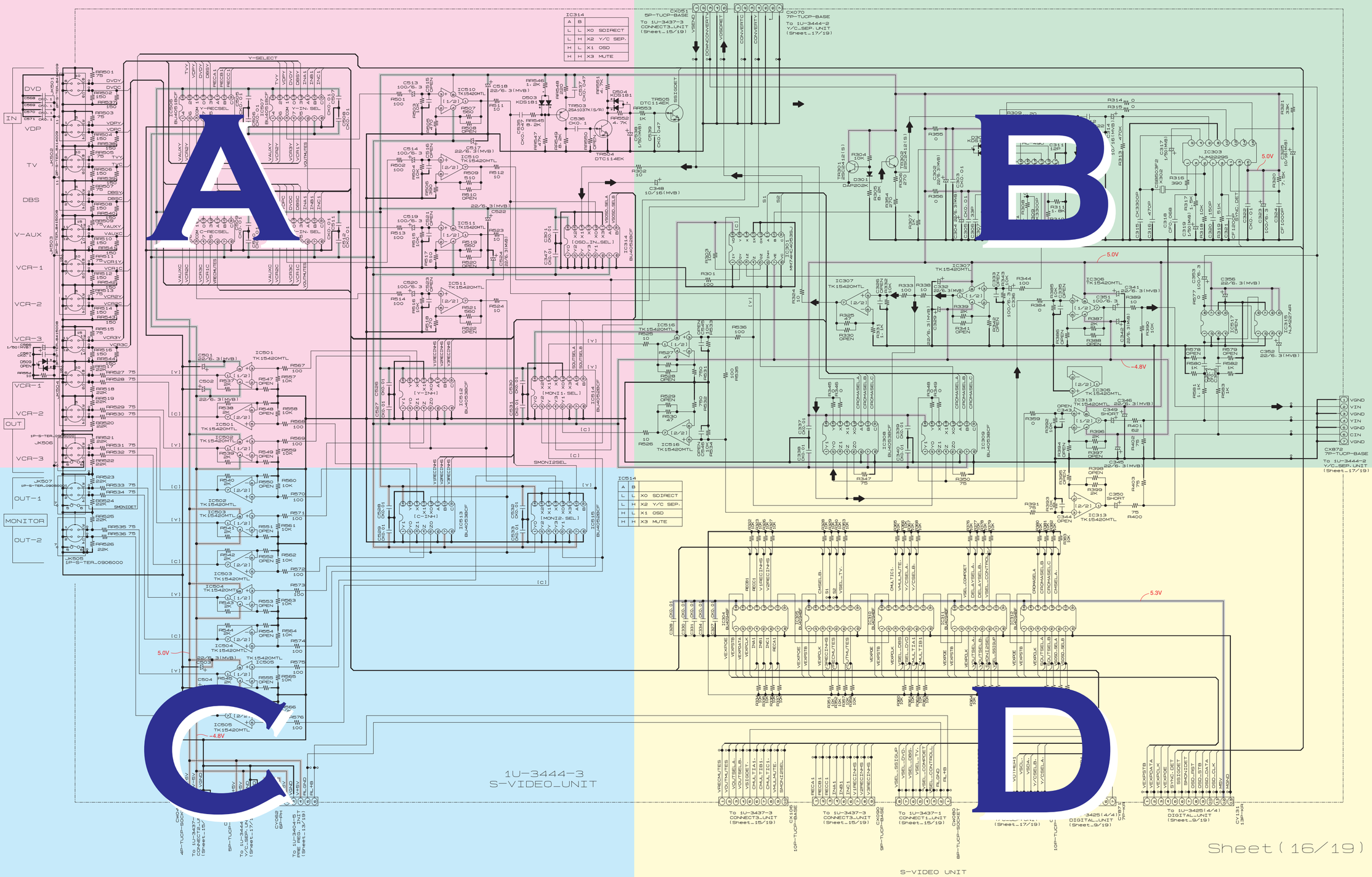
SCHEMATIC DIAGRAMS (16/19)



NOTICE
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SCHEMATIC DIAGRAMS (16/19)
1U-3444-3 S-VIDEO UNIT

SCHEMATIC DIAGRAMS (16/19)



± B LINE

SIGNAL LINE

NOTICE

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WARNING:

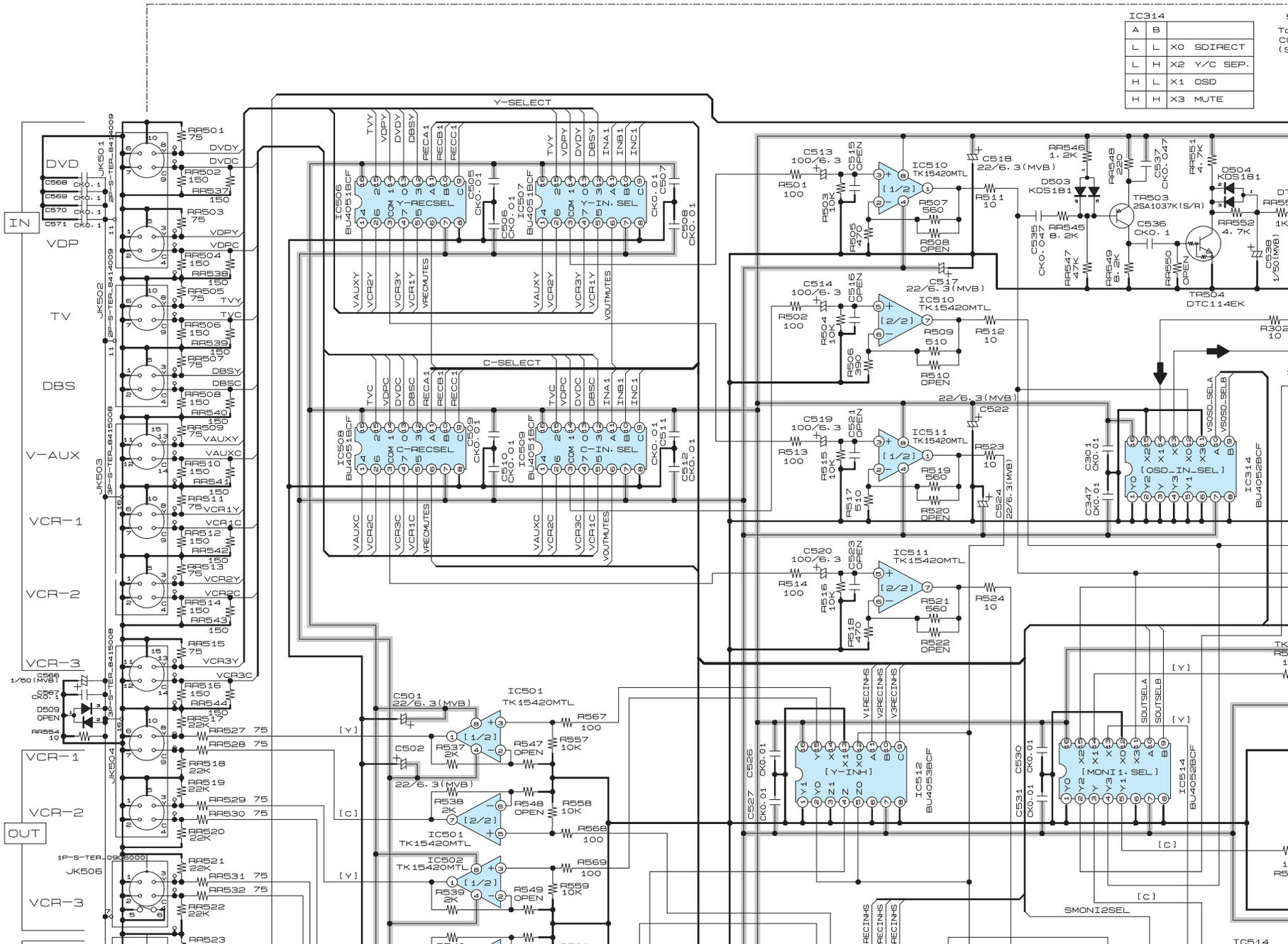
DO NOT return the unit to the customer until the problem is located and corrected.

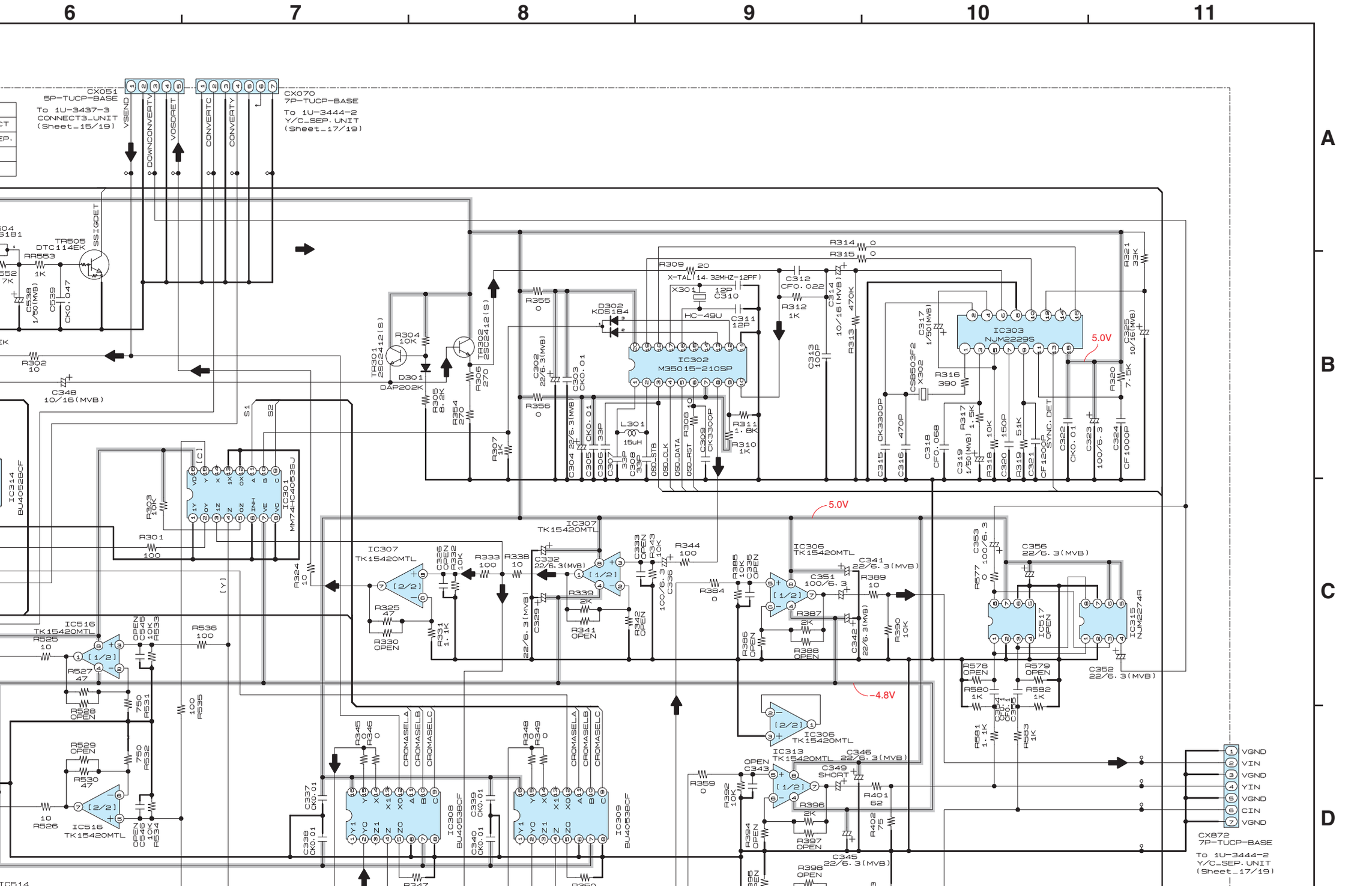
SCHEMATIC DIAGRAMS (16/19)

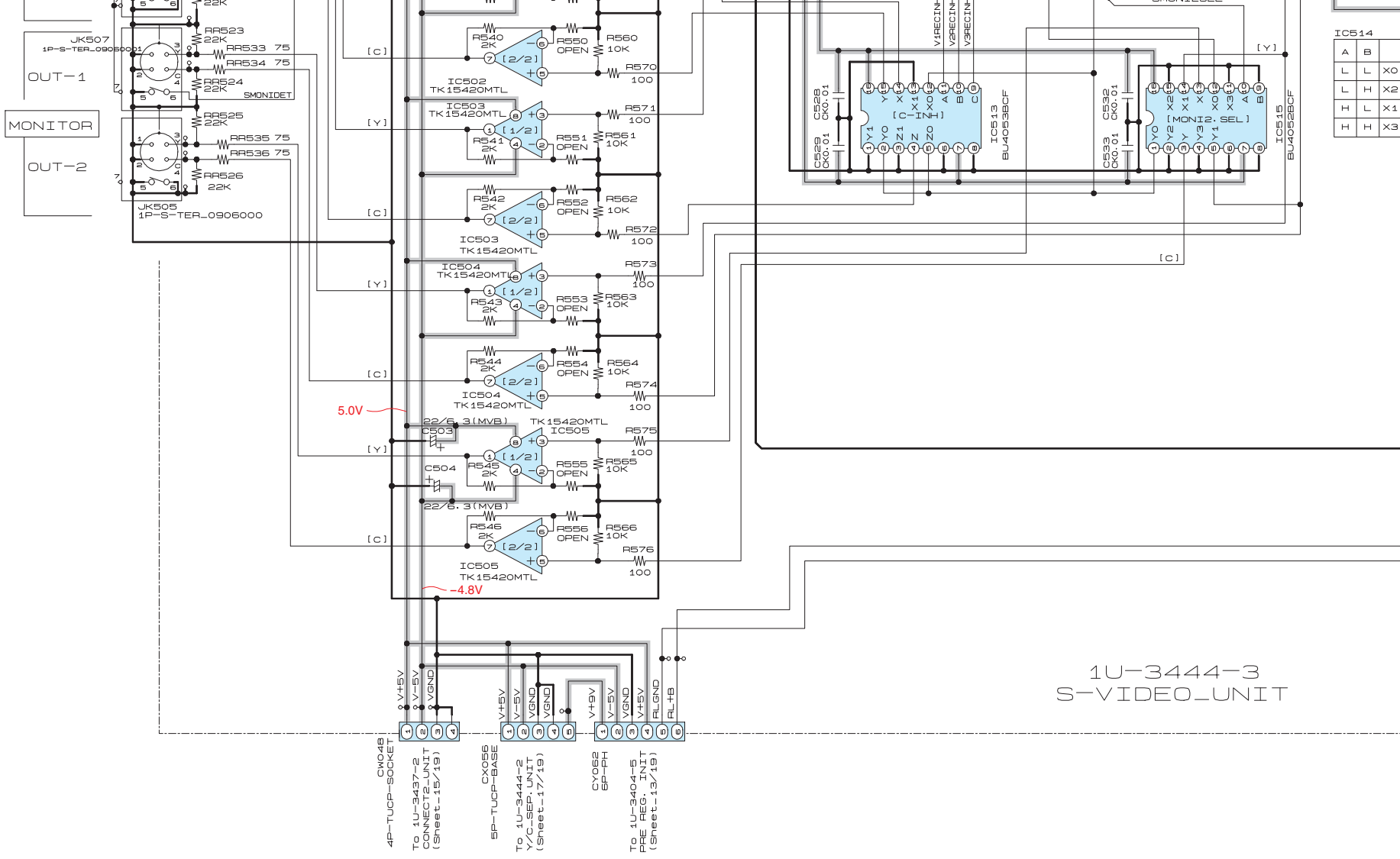
1U-3444-3 S-VIDEO UNIT

SCHEMATIC DIAGRAMS (16/19)

1 2 3 4 5




6
7
8
9
10
11
A
B
C
D
CX051
5P-TUCP-BASE
To 1U-3437-3
CONNECT3_UNIT
(Sheet_15/19)
VSEND
DOWNCONVERTY
VOSDRET
CX070
7P-TUCP-BASE
To 1U-3444-2
Y/C_SEP. UNIT
(Sheet_17/19)
CONVERTC
CONVERTY
TR505
DTC114EK
SSIGDET
RR553
1K
C538
1/50(MVB)
C539
CKO. 047
R302
10
C348
10/16(MVB)
TR301
2SC2412(S)
TR302
2SC2412(S)
D301
DAP202K
R304
10K
R305
8.2K
R354
220
R306
270
R355
0
R356
0
D302
KDS184
X301
12P
C310
HC-49U
C311
12P
R309
20
X-TAL(14.32MHZ-12PF)
C312
CFO.022
R312
1K
R314
0
R315
0
C314
10/16(MVB)
R313
470K
C313
100P
IC302
M35015-210SP
C302
22/6.3(MVB)
C303
CKO.01
C304
22/6.3(MVB)
CKO.01
C305
33P
C306
33P
C307
33P
C308
33P
L301
15UH
R308
10
R309
CK3300P
R311
1.8K
R310
1K
OSD_STB
OSD_CLK
OSD_DATA
OSD_RST
R307
1K
IC303
NJM2229S
5.0V
C317
1/50(MVB)
CSB503F2
X302
R316
390
C315
CK3300P
C316
470P
C318
CFO.068
C319
1/50(MVB)
R317
1.5K
R318
10K
C320
150P
R319
51K
C321
CF1205
SYNC. DET
C322
CKO.01
C323
100/6.3
C324
CF1000P
R320
7.5K
C325
10/16(MVB)
R321
33K
IC314
BU4052BCF
IC301
MM74HC4053SJ
S1
S2
[C]
[Y]
R303
10K
R301
100
R324
10
IC307
TK15420MTL
[2/2]
[1/2]
C326
OPEN
R332
10K
R333
100
R338
10
C332
22/6.3(MVB)
C333
OPEN
R343
10K
R344
100
R339
2K
R325
47
R330
OPEN
R331
1.1K
R342
OPEN
C329
22/6.3(MVB)
100/6.3
C336
IC306
TK15420MTL
R384
0
R385
10K
C335
OPEN
C351
100/6.3
C341
22/6.3(MVB)
R389
10
R387
2K
R388
OPEN
R386
OPEN
C342
22/6.3(MVB)
R390
10K
C353
100/6.3
C356
22/6.3(MVB)
R577
0
IC517
OPEN
IC315
NJM2274R
R578
OPEN
R579
OPEN
R580
1K
R582
1K
C354
OPEN
C355
OPEN
R581
1.1K
R583
1K
C352
22/6.3(MVB)
5.0V
-4.8V
IC516
TK15420MTL
R525
10
R527
47
R528
OPEN
R529
OPEN
R530
47
R526
10
R536
100
R535
100
R531
750
R532
750
R533
10K
R534
10K
C337
CKO.01
C338
CKO.01
C339
CKO.01
C340
CKO.01
IC308
BU4053BCF
IC309
BU4053BCF
R345
0
R346
0
R348
0
R349
0
CROMASELA
CROMASELB
CROMASELC
R347
R350
IC313
TK15420MTL
C346
22/6.3(MVB)
C343
OPEN
C349
SHORT
R359
0
R392
10K
R396
2K
R397
OPEN
R394
OPEN
R401
62
R402
75
C345
22/6.3(MVB)
R398
OPEN
R395
OPEN
CX872
7P-TUCP-BASE
To 1U-3444-2
Y/C_SEP. UNIT
(Sheet_17/19)
VGND
VIN
VGND
YIN
VGND
CIN
VGND



NOTICE

ALL RESISTANCE VALUES IN OHM. k=1,000 OHM M=1,000,000 OHM
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EACH VOLTAGE AND CURRENT ARE MEASUERD AT MO SIGNAL INPUT CONDITION.
CIRCUIT AND PARTS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

WARNING:

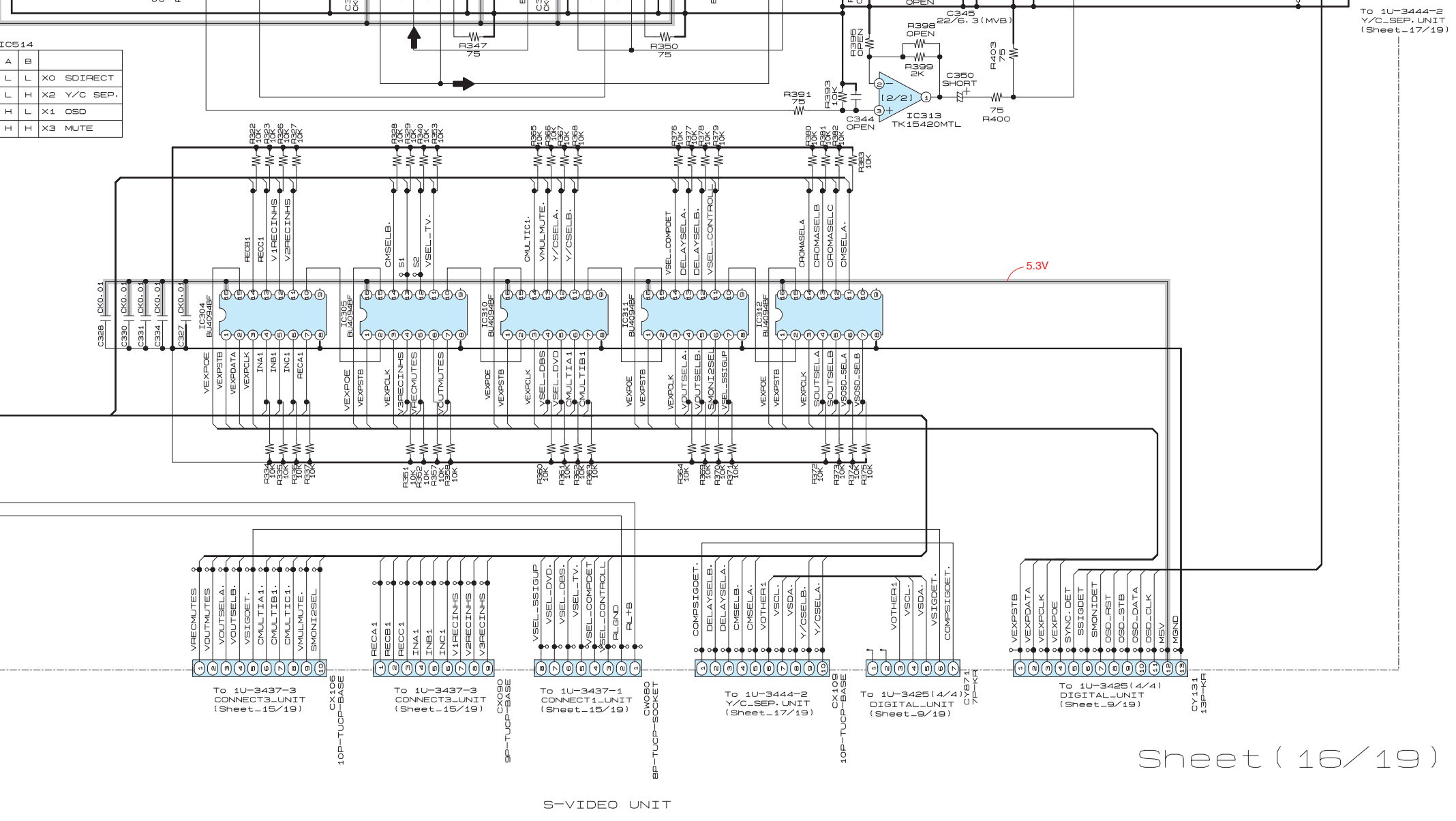
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CAUTION:

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WARNING:

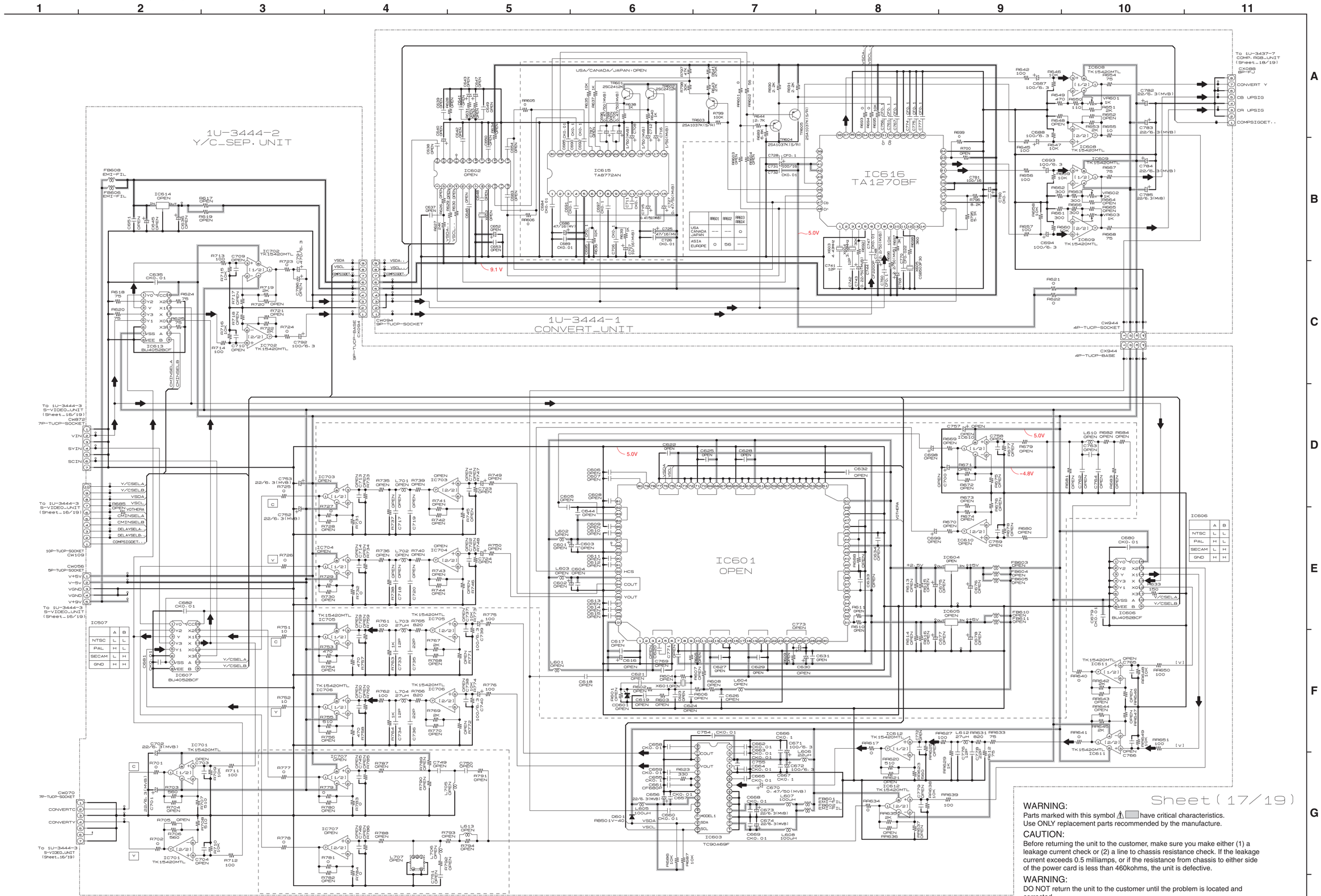
DO NOT return the unit to the customer until the problem is located and corrected.



SCHEMATIC DIAGRAMS (16/19)

1U-3444-3 S-VIDEO UNIT

SCHEMATIC DIAGRAMS (17/19)



Sheet (17/19)

WARNING:
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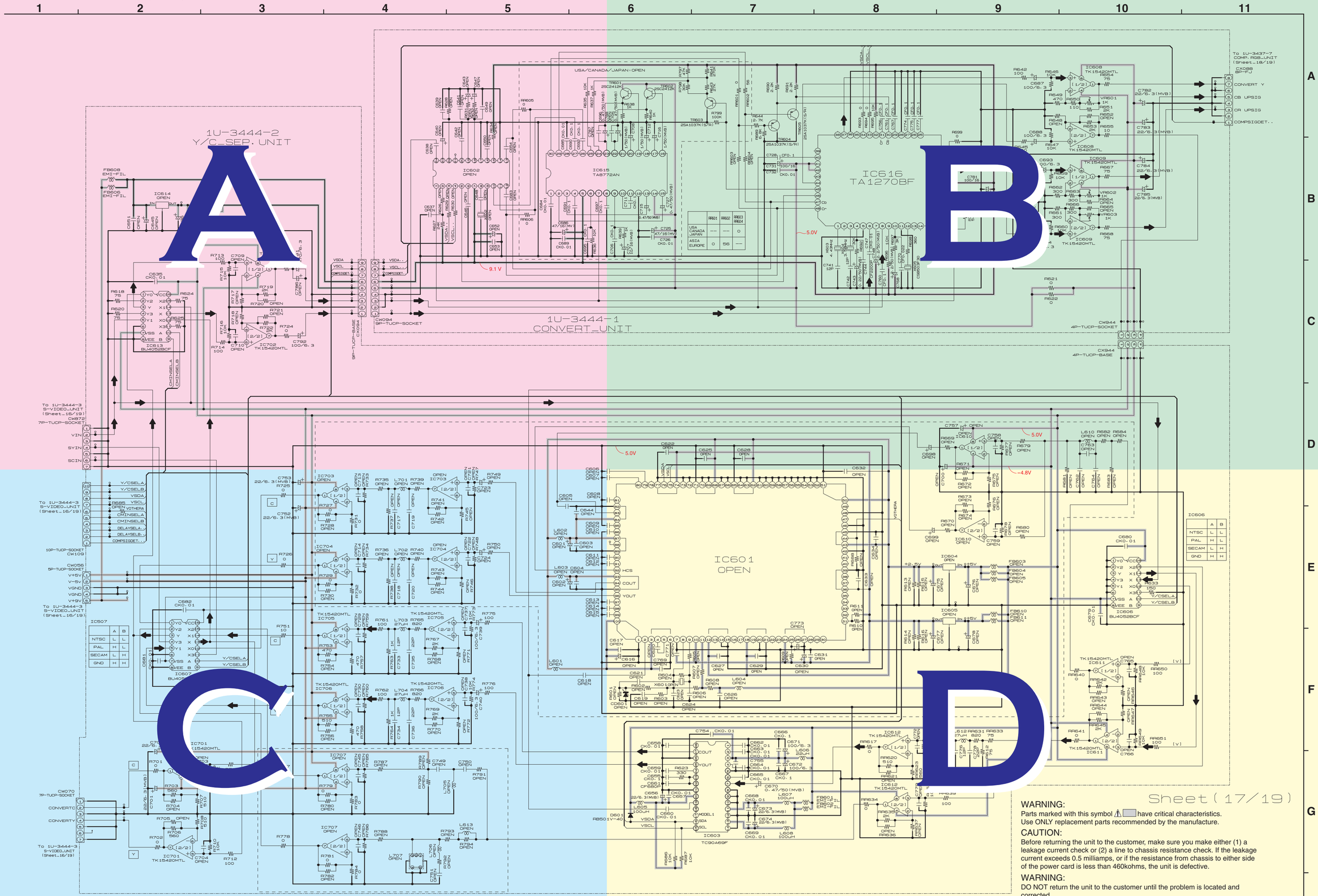
CAUTION:
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WARNING:
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NOTICE
ALL RESISTANCE VALUES IN OHM. k=1,000 OHM M=1,000,000 OHM
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EACH VOLTAGE AND CURRENT ARE MEASUERD AT MO SIGNAL INPUT CONDITION.
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SCHEMATIC DIAGRAMS (17/19)
1U-3444-1 CONVERT UNIT
1U-3444-2 Y/C SEP. UNIT

SCHEMATIC DIAGRAMS (17/19)



Sheet (17/19)

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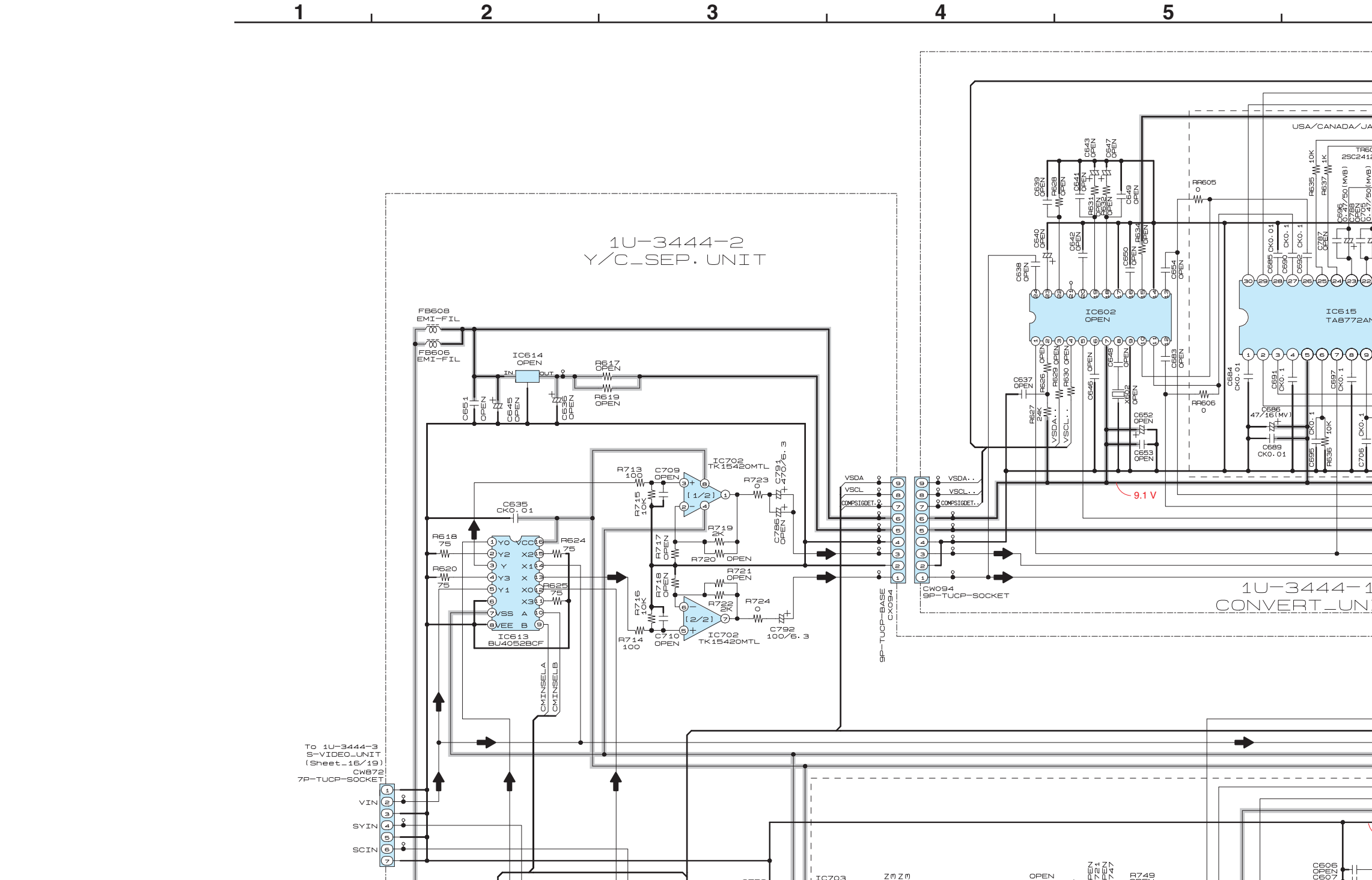
WARNING:
DO NOT return the unit to the customer until the problem is located and corrected.

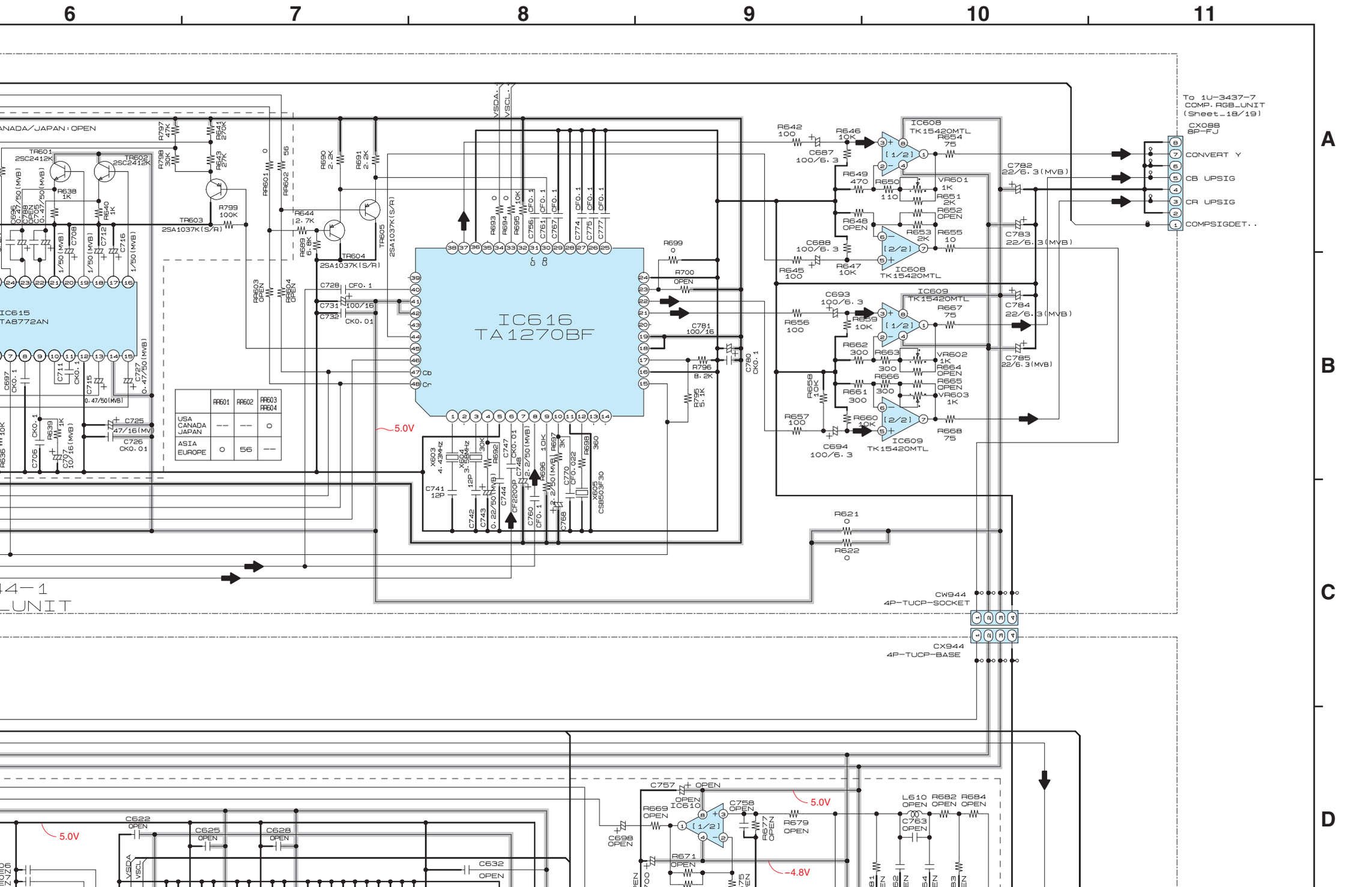
± B LINE
SIGNAL LINE

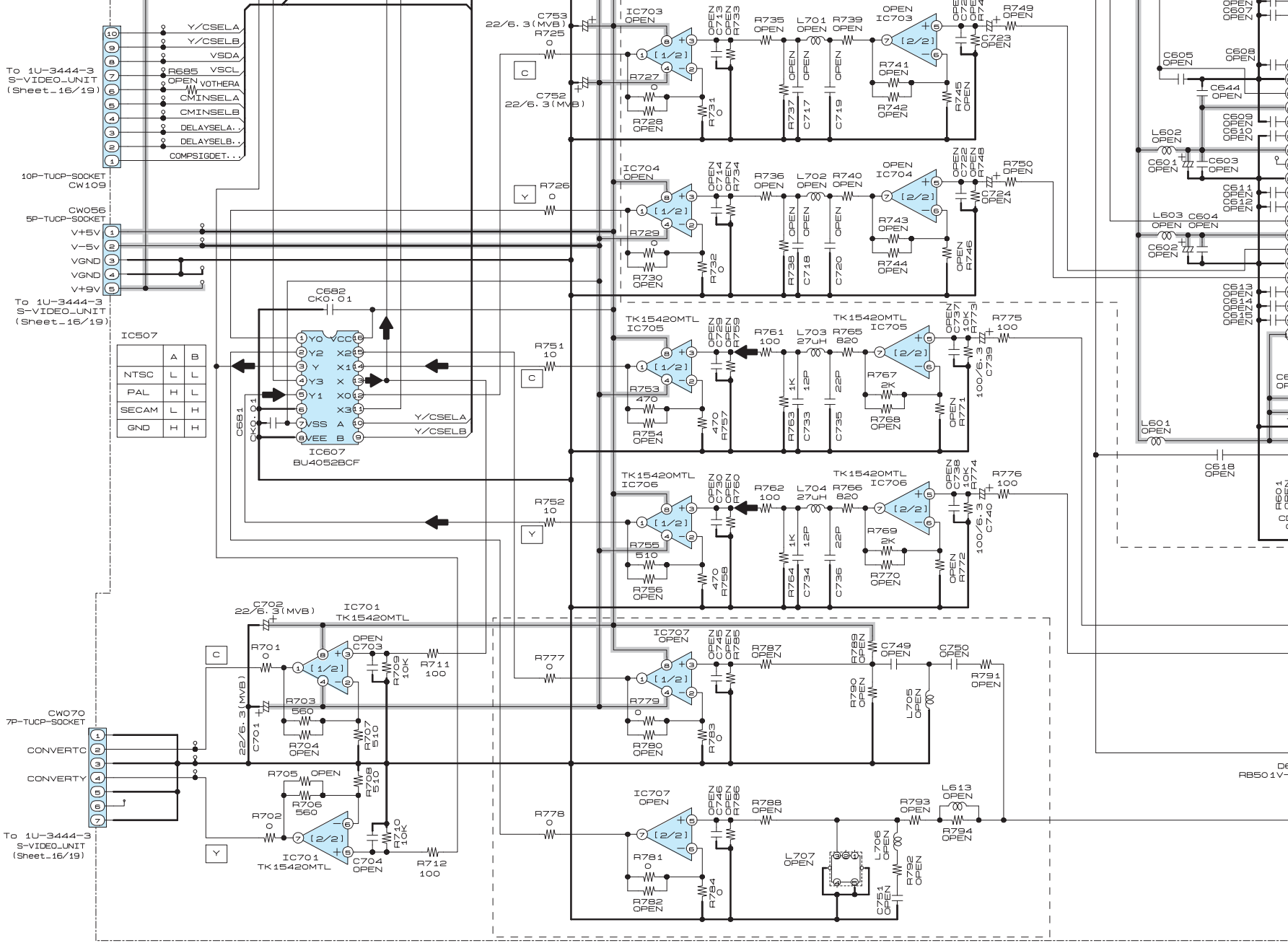
NOTICE
ALL RESISTANCE VALUES IN OHM. k=1,000 OHM M=1,000,000 OHM
ALL CAPACITANCE VALUES IN MICRO FARAD. P=MICRO-MICRO FARAD
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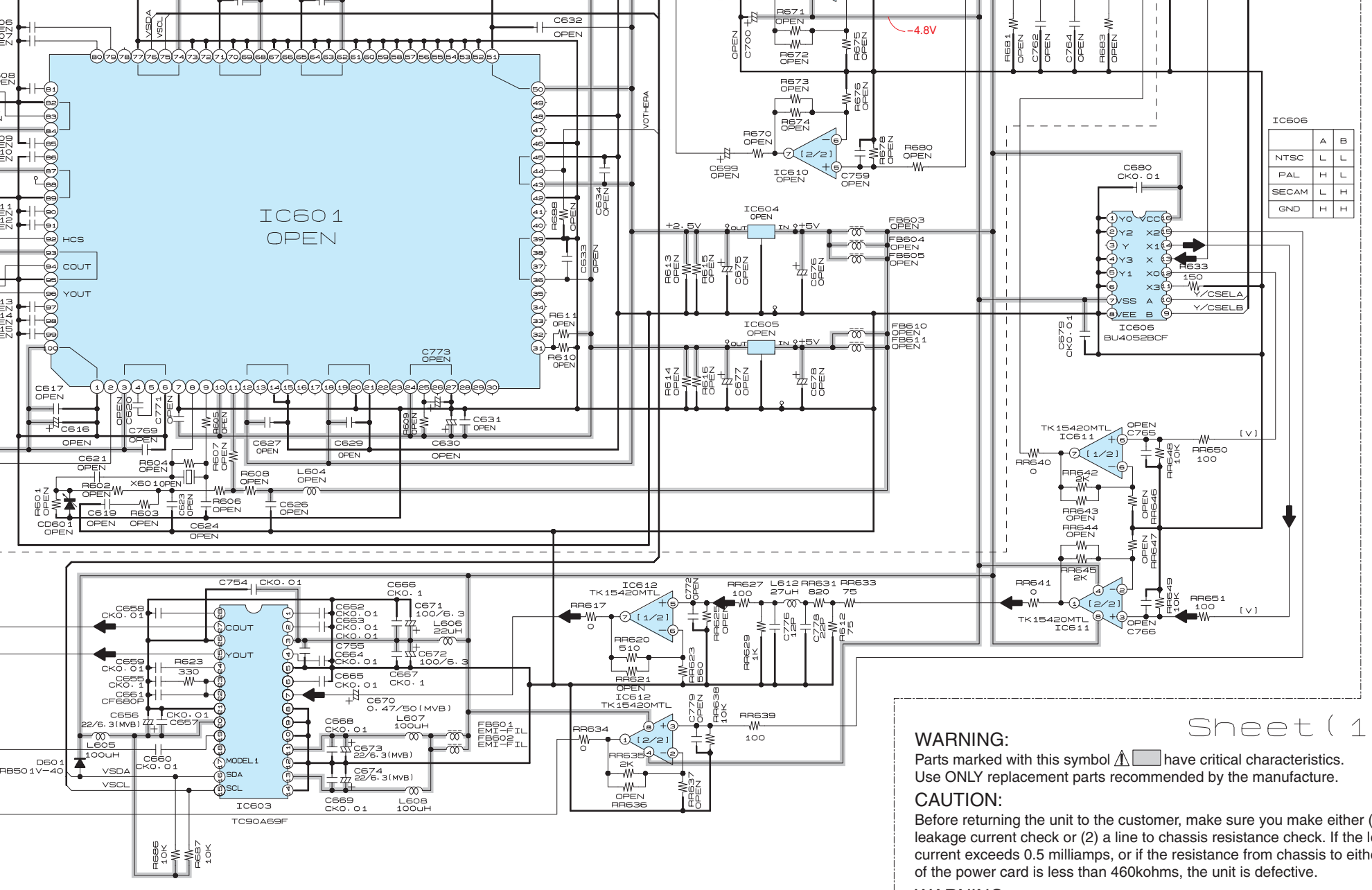
SCHEMATIC DIAGRAMS (17/19)
1U-3444-1 CONVERT UNIT
1U-3444-2 Y/C SEP. UNIT

SCHEMATIC DIAGRAMS (17/19)




6
7
8
9
10
11
A
B
C
D
IC616
TA1270BF
IC615
TA8772AN
IC608
TK15420MTL
IC609
TK15420MTL
IC610
To 1U-3437-7
COMP. RGB_UNIT
(Sheet_18/19)
CX088
8P-FJ
CONVERT Y
CB UPSIG
CR UPSIG
COMPSIGDET..
CW944
4P-TUCP-SOCKET
CX944
4P-TUCP-BASE
5.0V
-4.8V
VSDA
VSCL
TR601
2SC2412K
TR602
2SC2412K
TR603
2SA1037K(S/R)
TR604
2SA1037K(S/R)
TR605
2SA1037K(S/R)
ANADA/JAPAN : OPEN
AA601
AA602
AA603
AA604
USA
CANADA
JAPAN
ASIA
EUROPE
X603
4.43MHz
X604
3.58MHz
X605
CSB503F30
VR601
1K
VR602
1K
VR603
1K


CW056
5P-TUCP-SOCKET
V+5V
V-5v
VGND
VGND
V+9V
To 1U-3444-3
S-VIDEO_UNIT
(Sheet_16/19)
10P-TUCP-SOCKET
CW109
Y/CSELA
Y/CSELB
VSDA
VSCL
VOTHERA
CMINSELA
CMINSELB
DELAYSELA..
DELAYSELB..
COMPSIGDET...
R685
OPEN
IC507
NTSC
PAL
SECAM
GND
IC607
BU4052BCF
C682
CKO.01
C681
CKO.01
IC703
IC704
IC705
IC706
IC707
TK15420MTL
IC701
C753
22/6.3(MVB)
C752
22/6.3(MVB)
C702
22/6.3(MVB)
C701
22/6.3(MVB)
CW070
7P-TUCP-SOCKET
CONVERTC
CONVERTY
To 1U-3444-3
S-VIDEO_UNIT
(Sheet_16/19)



IC606	A	B
NTSC	L	L
PAL	H	L
SECAM	L	H
GND	H	H

E F G H

Sheet (17/19)

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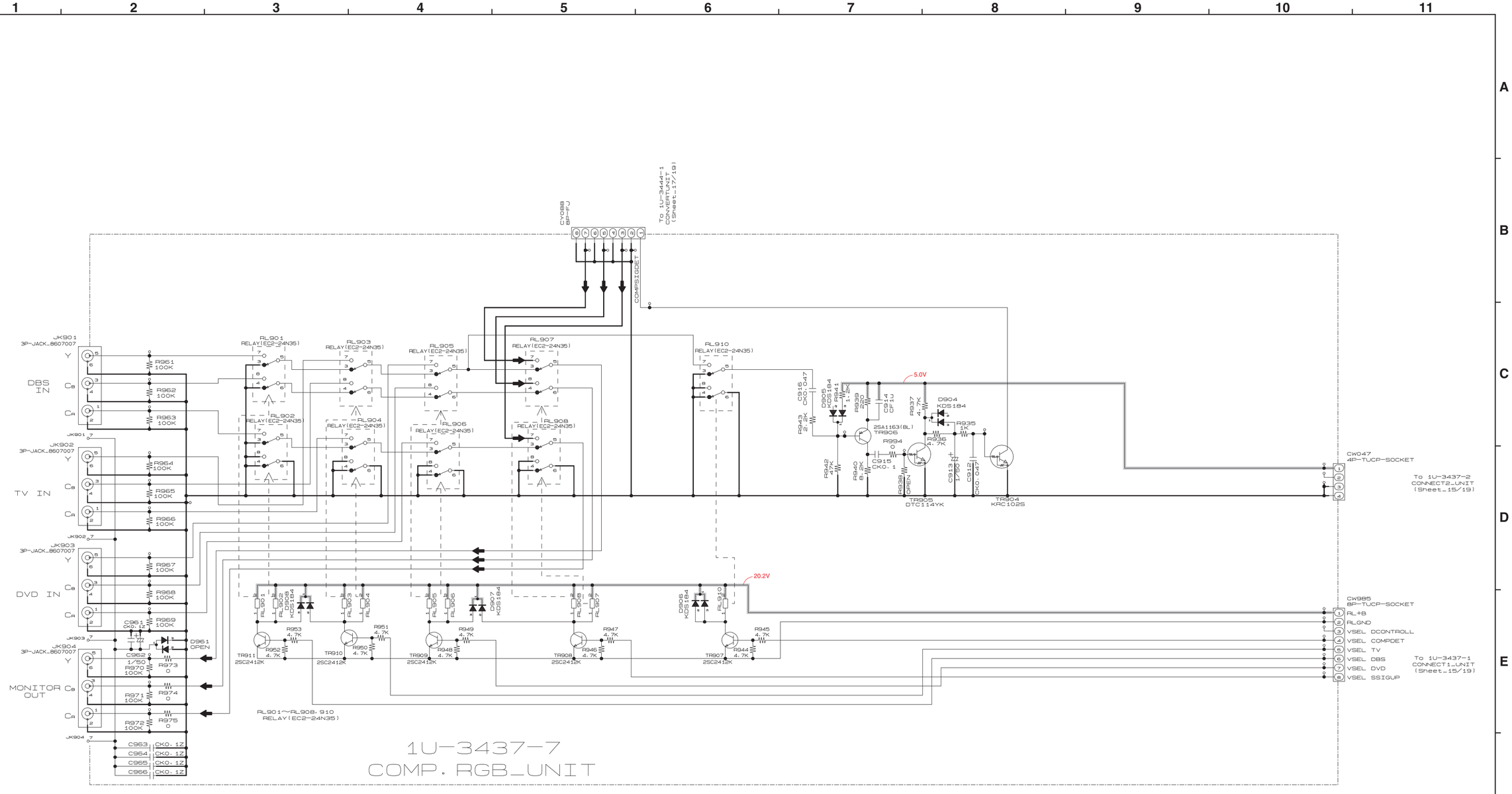
± B LINE
SIGNAL LINE

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 MEASUERD AT MO SIGNAL INPUT CONDITION.
CIRCUIT AND PARTS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

SCHEMATIC DIAGRAMS (17/19)

1U-3444-1 CONVERT UNIT
1U-3444-2 Y/C SEP. UNIT

SCHEMATIC DIAGRAMS (18/19)



+ B LINE
SIGNAL LINE

NOTICE

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ALL CAPACITANCE VALUES IN MICRO FARAD. P=MICRO-MICRO FARAD
EACH VOLTAGE AND CURRENT ARE MEASUERD AT MO 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 manufacture.

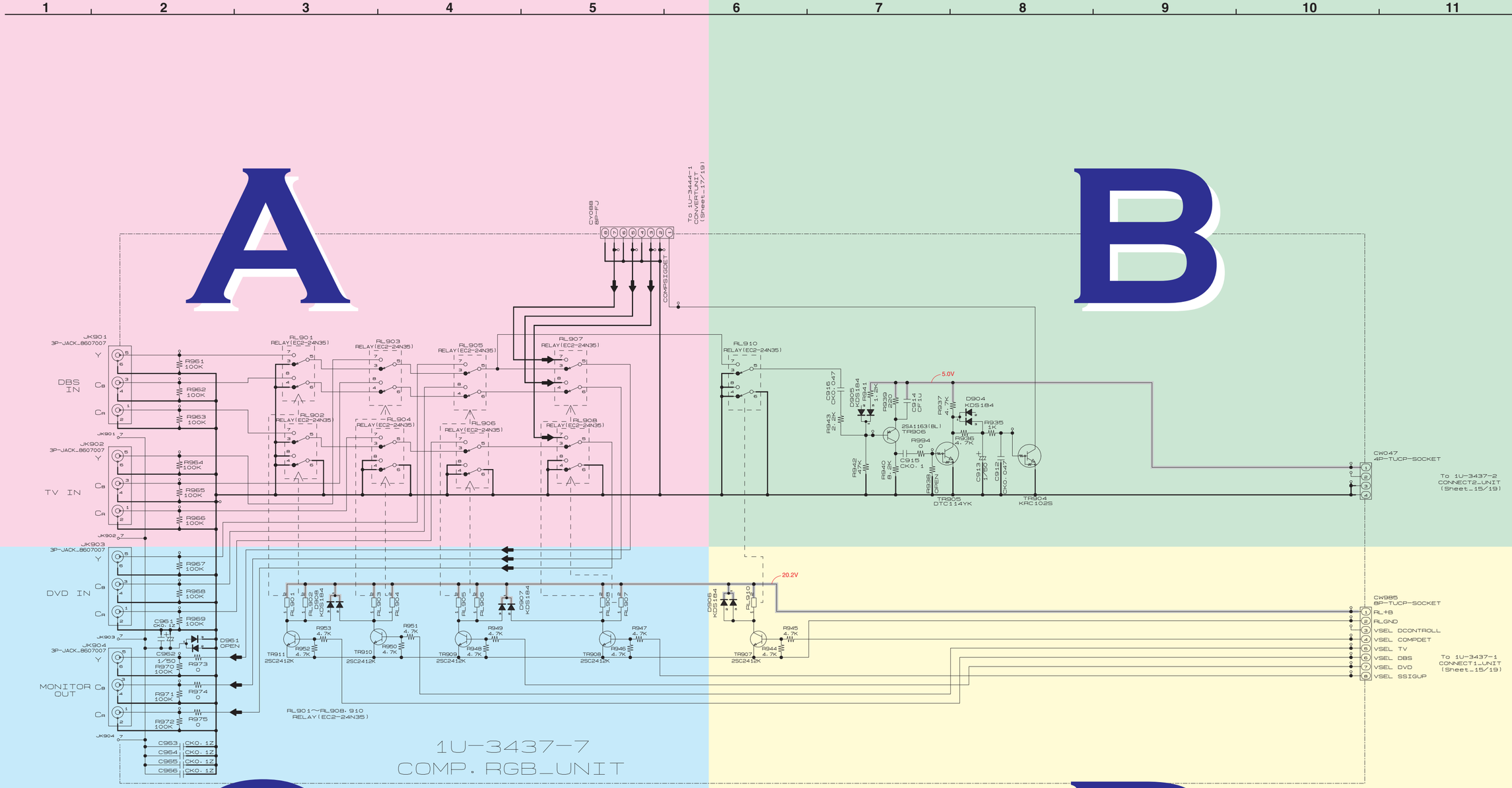
CAUTION:

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

WARNING:

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

SCHEMATIC DIAGRAMS (18/19)



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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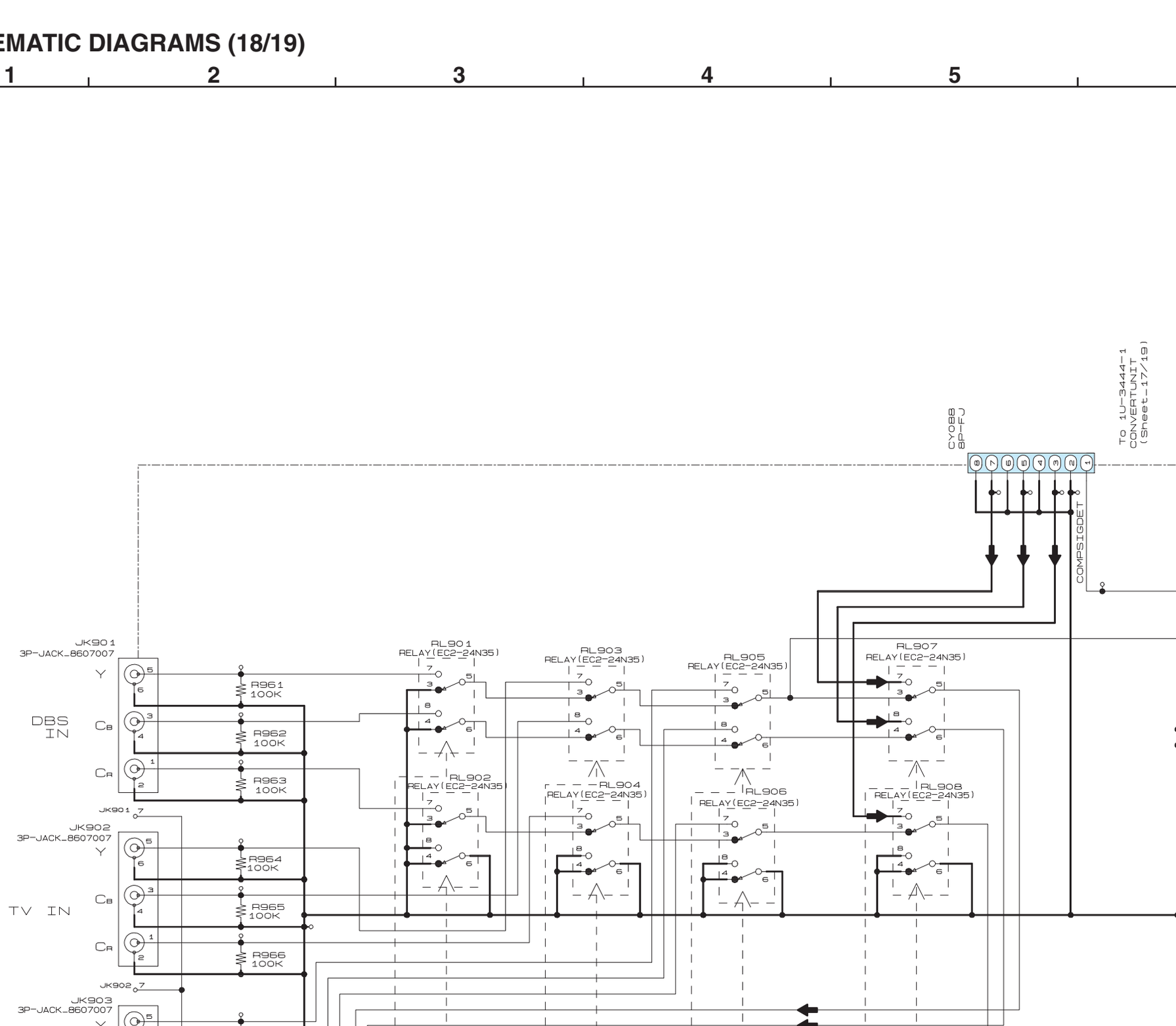
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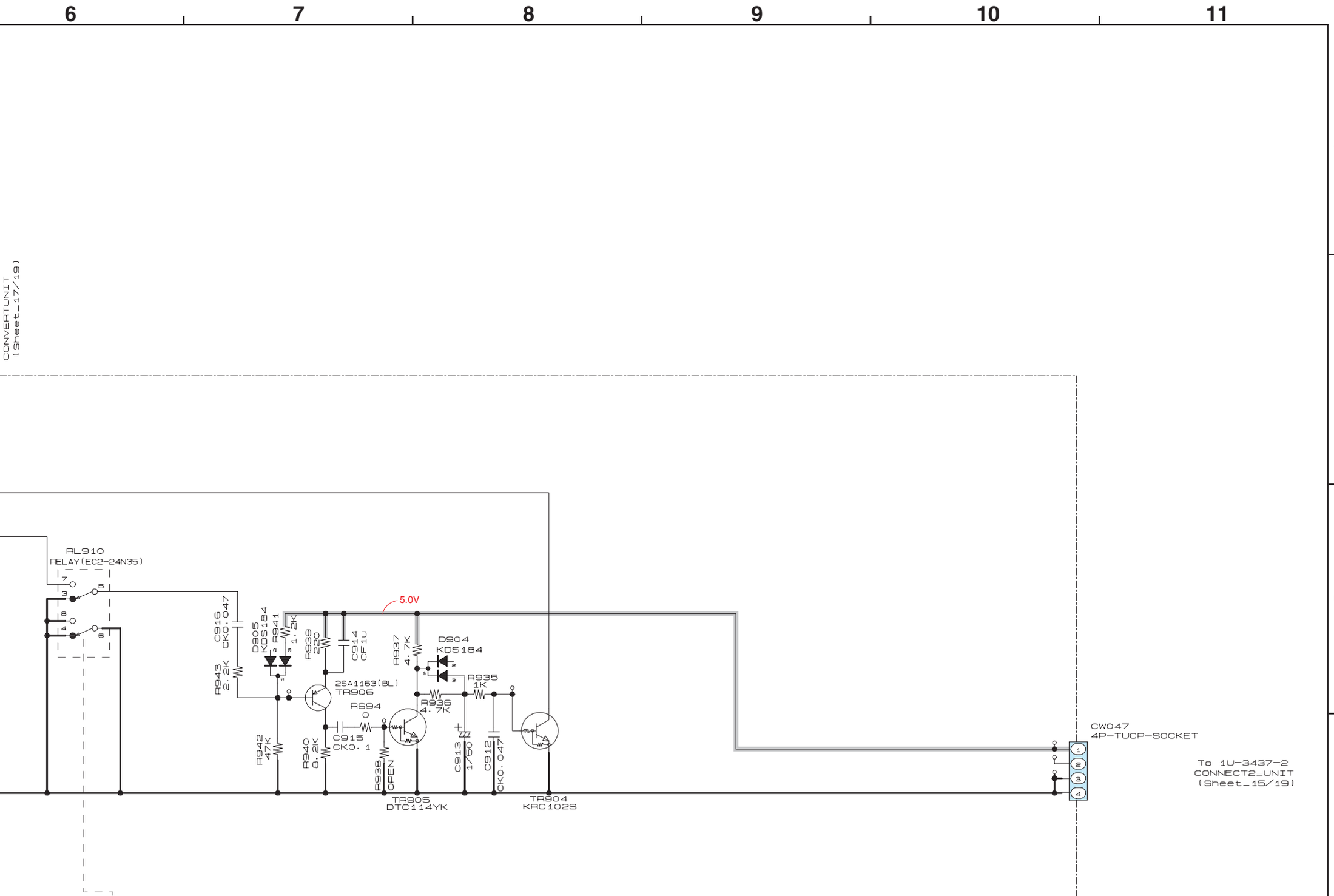
WARNING:

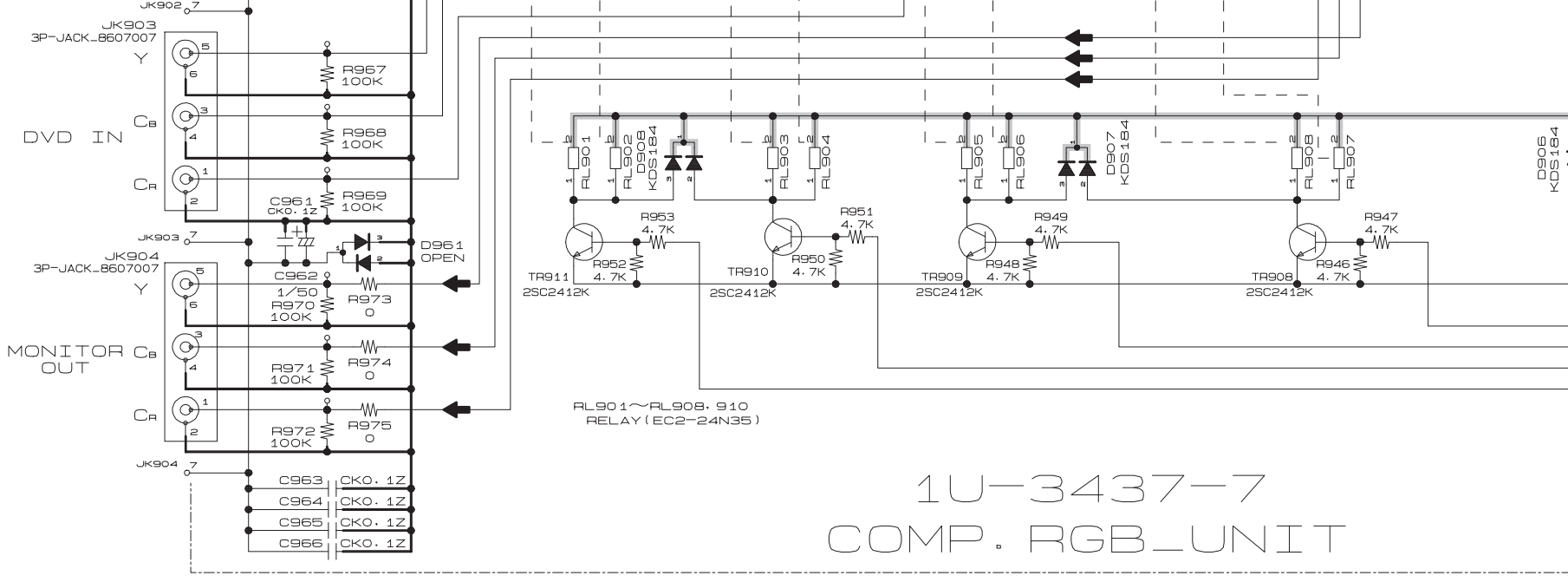
DO NOT return the unit to the customer until the problem is located and corrected.

SCHEMATIC DIAGRAMS (18/19)
1U-3437-7 COMP. RGB UNIT

SCHEMATIC DIAGRAMS (18/19)




6
7
8
9
10
11
A
B
C
D
CONVERTUNIT
(Sheet_17/19)
RL910
RELAY(EC2-24N35)
7
5
3
8
4
6
C916
CKO.047
D905
KDS184
R941
1.2K
R939
220
C914
CF1U
5.0V
R937
4.7K
D904
KDS184
R943
2.2K
2SA1163(BL)
TR906
R935
1K
R936
4.7K
R994
0
R942
47K
R940
8.2K
C915
CKO.1
R938
OPEN
C913
1/50
C912
CKO.047
TR905
DTC114YK
TR904
KRC102S
CW047
4P-TUCP-SOCKET
1
2
3
4
To 1U-3437-2
CONNECT2_UNIT
(Sheet_15/19)



NOTICE

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WARNING:

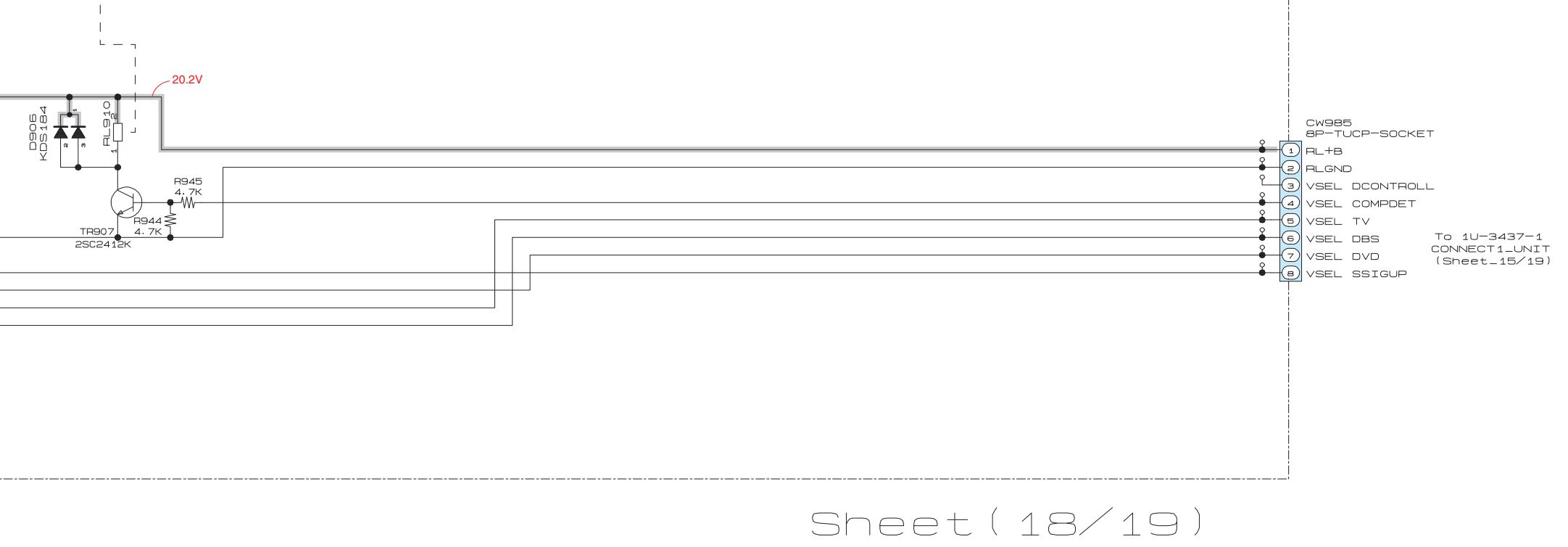
Parts marked with this symbol ⚠ ▭ have critical characteristics.
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CAUTION:

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WARNING:

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Sheet (18/19)

+ B LINE

SIGNAL LINE

E

F

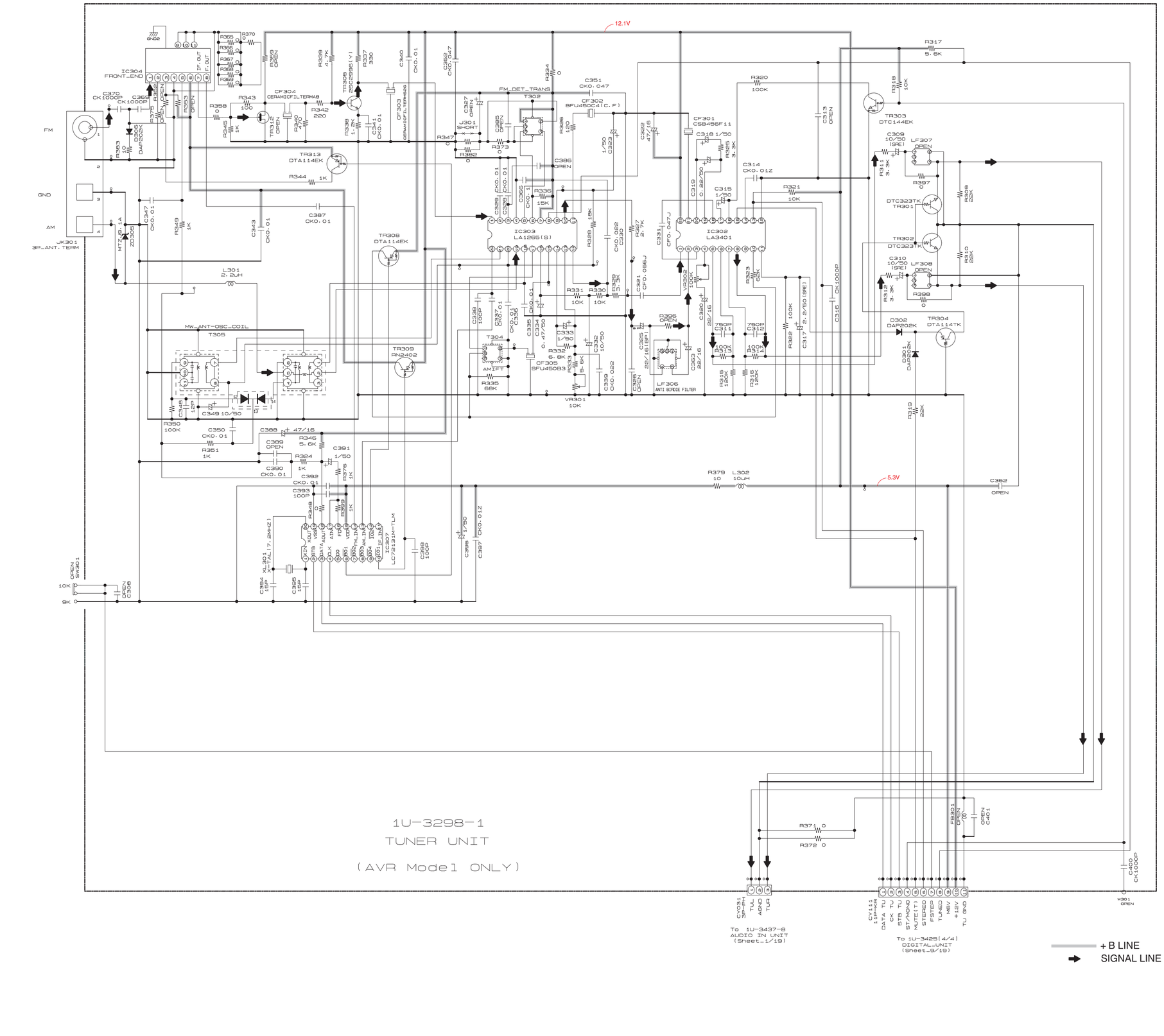
G

H

SCHEMATIC DIAGRAMS (18/19)

1U-3437-7 COMP. RGB UNIT

SCHEMATIC DIAGRAMS (19/19)



NOTICE
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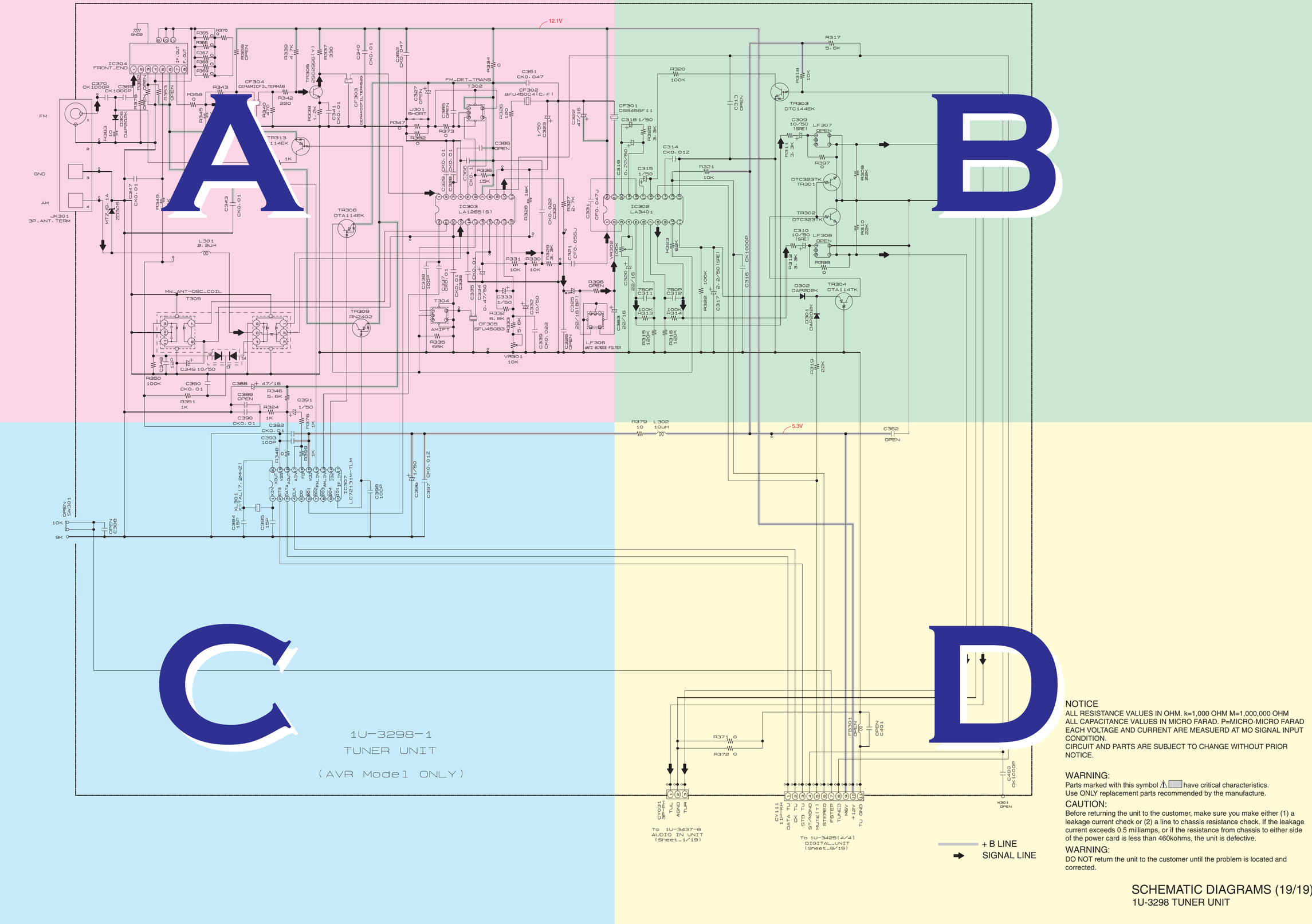
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WARNING:
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SCHEMATIC DIAGRAMS (19/19)
1U-3298 TUNER UNIT

SCHEMATIC DIAGRAMS (19/19)



NOTICE
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ALL CAPACITANCE VALUES IN MICRO FARAD. P=MICRO-MICRO FARAD
EACH VOLTAGE AND CURRENT ARE MEASUERD AT MO SIGNAL INPUT CONDITION.
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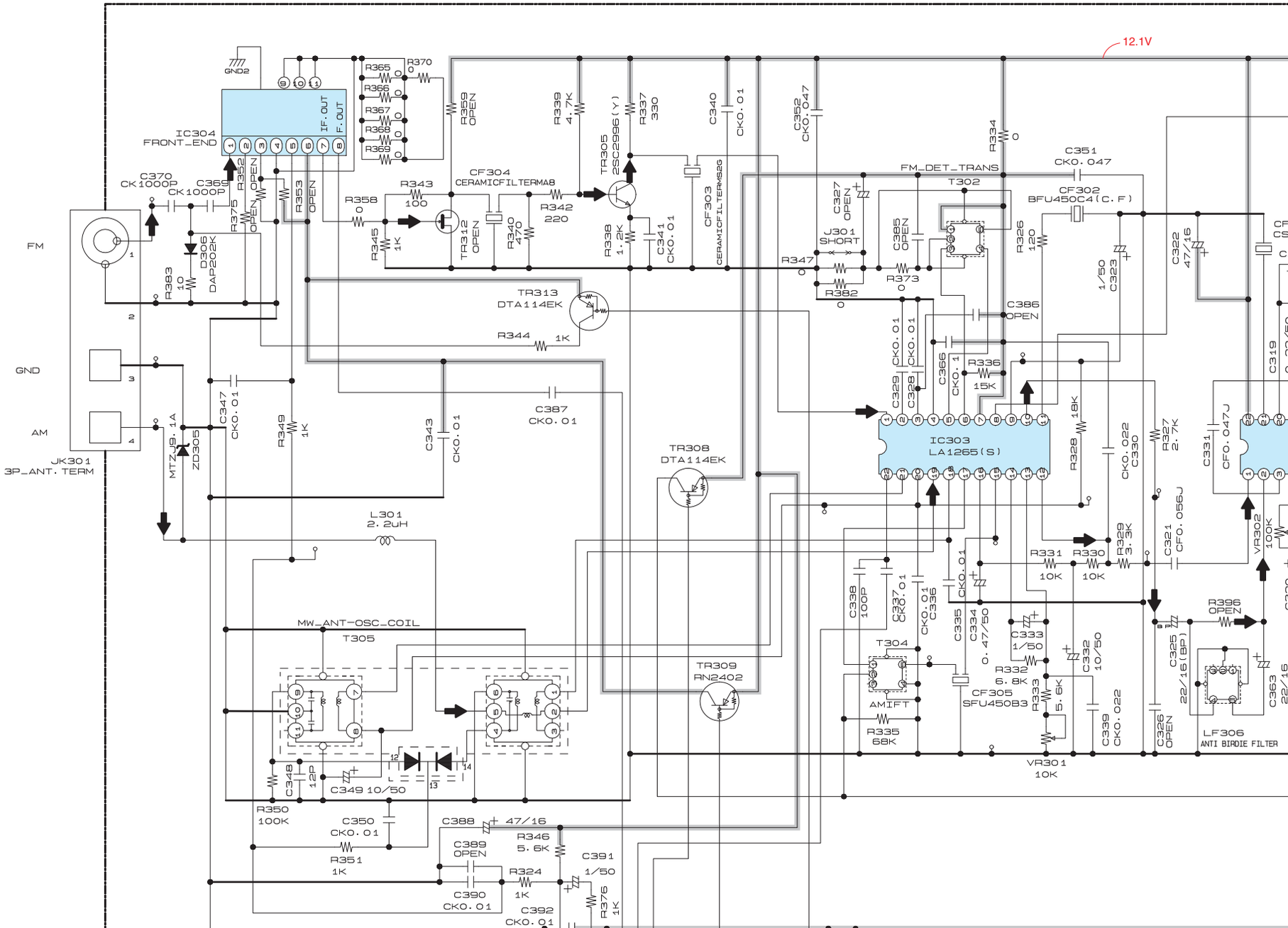
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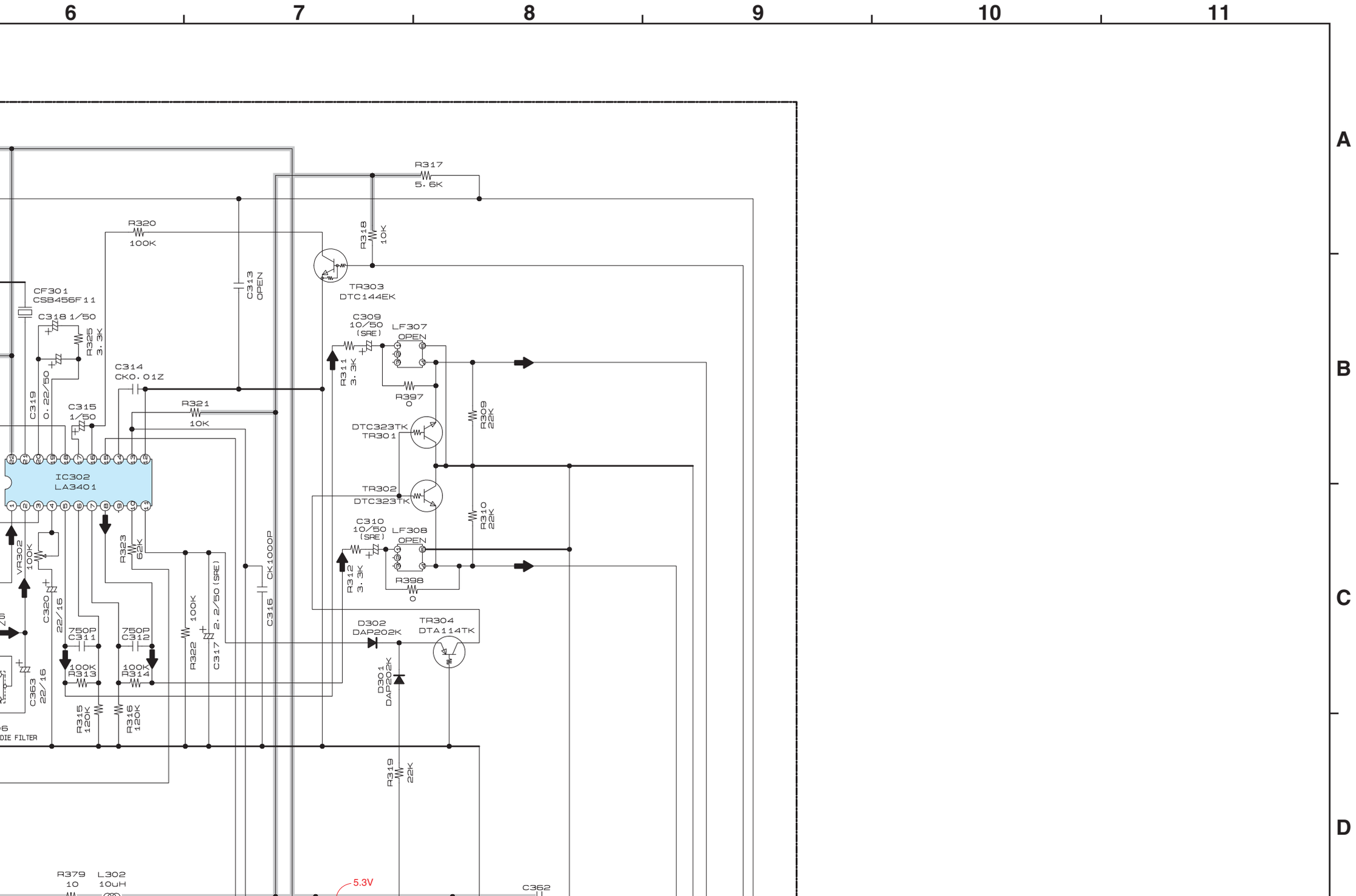
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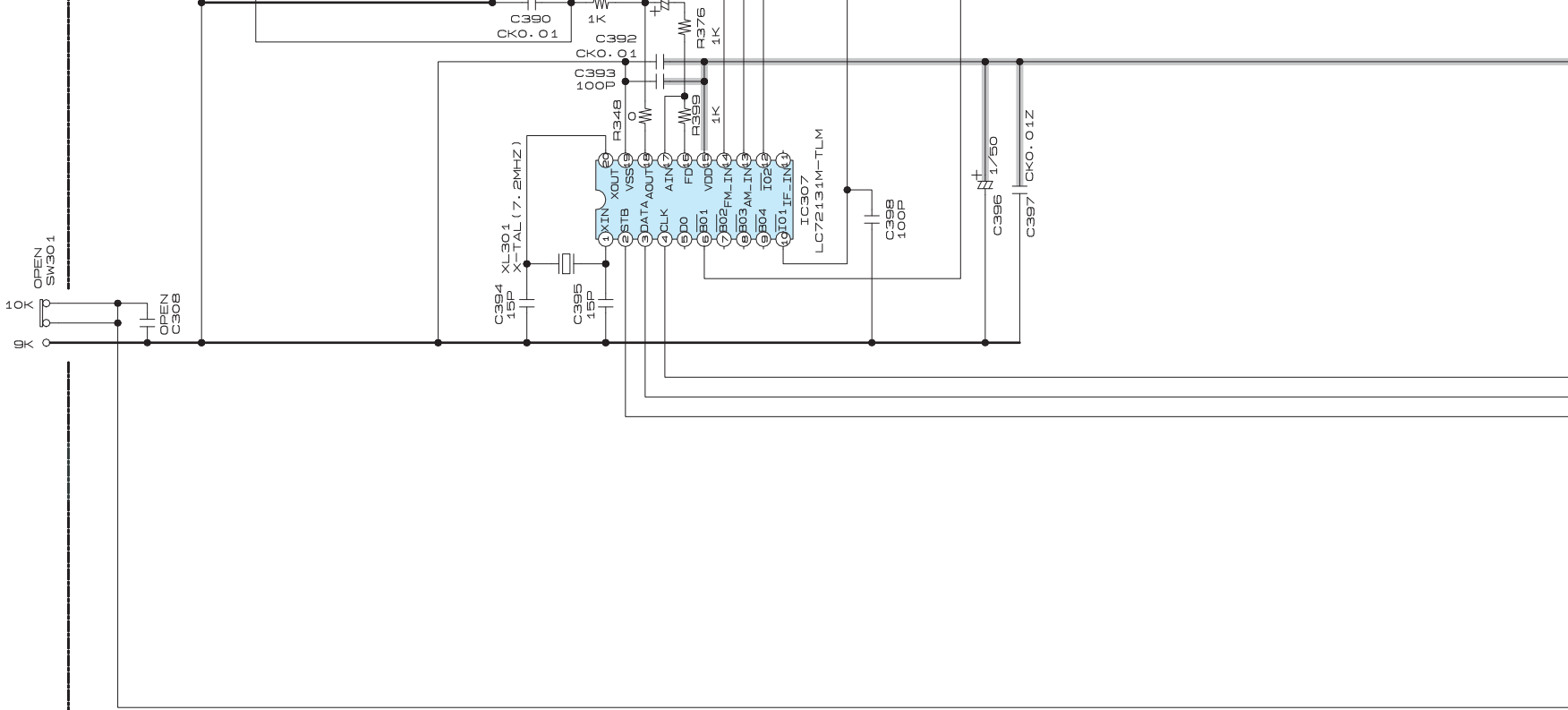
SCHEMATIC DIAGRAMS (19/19)
1U-3298 TUNER UNIT

SCHEMATIC DIAGRAMS (19/19)

1 2 3 4 5



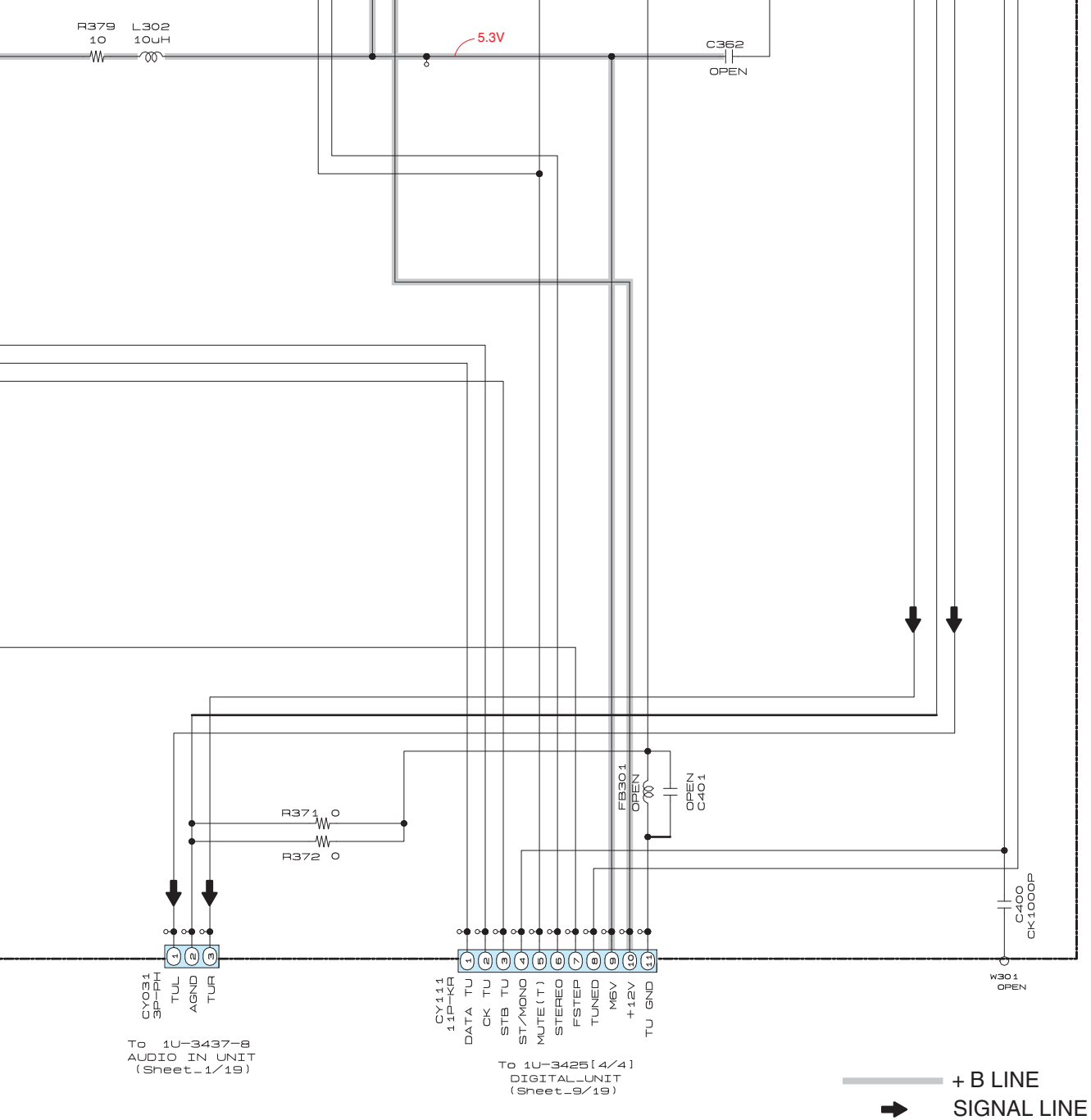

6
7
8
9
10
11
A
B
C
D
R317
5.6K
R320
100K
R318
10K
TR303
DTC144EK
C313
OPEN
CF301
CSB456F11
C318 1/50
R325
3.3K
C314
CK0.01Z
C319
0.22/50
C315
1/50
R321
10K
C309
10/50
(SRE)
LF307
OPEN
R311
3.3K
R397
0
R309
22K
DTC323TK
TR301
IC302
LA3401
TR302
DTC323TK
R310
22K
C310
10/50
(SRE)
LF308
OPEN
R312
3.3K
R398
0
VR302
100K
R323
62K
CK1000P
C316
C320
22/16
750P
C311
750P
C312
100K
R313
100K
R314
R322
100K
C317
2.2/50(SRE)
D302
DAP202K
TR304
DTA114TK
D301
DAP202K
C363
22/16
R315
120K
R316
120K
DIE FILTER
R319
22K
R379
10
L302
10uH
5.3V
C362



1U-3298-1

TUNER UNIT

(AVR Model ONLY)



NOTICE

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SCHEMATIC DIAGRAMS (19/19)

1U-3298 TUNER UNIT