

SERVICE MANUAL

Ver. 3

MODEL DHT-500SD

Please refer to the
MODIFICATION NOTICE.

HOME THEATER SYSTEM

HOME THEATER SYSTEM (DHT-500SD) consists of DVD SURROUND RECEIVER (ADV-500SD) and SPEAKER SYSTEM (SYS-500SD).

注 意

サービスをおこなう前に、このサービスマニュアルを必ずお読みください。本機は、火災、感電、けがなどに対する安全性を確保するために、さまざまな配慮をおこなっており、また法的には「電気用品安全法」にもとづき、所定の許可を得て製造されております。従ってサービスをおこなう際は、これらの安全性が維持されるよう、このサービスマニュアルに記載されている注意事項を必ずお守りください。

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

- 本機の仕様は性能改良のため、予告なく変更することがあります。
- 補修用性能部品の保有期間は、製造打切後 8年です。

- Please use this service manual with referring to the operating instructions without fail.

- 修理の際は、必ず取扱説明書を参照の上、作業を行ってください。

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

- 本文中に使用しているイラストは、説明の都合上現物と多少異なる場合があります。

DENON

TOKYO, JAPAN
Denon Brand Company, D&M Holdings Inc.

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.

LASER RADIATION

Do not stare into beam or view directly with optical instruments, class 3A laser product.

CAUTION Please heed the points listed below during servicing and inspection.

◎ Heed the cautions!

Spots requiring particular attention when servicing, such as the cabinet, parts, chassis, etc., have cautions indicated on labels or seals. Be sure to heed these cautions and the cautions indicated in the handling instructions.

◎ Caution concerning electric shock!

- (1) An AC voltage is impressed on this set, so touching internal metal parts when the set is energized could cause electric shock. Take care to avoid electric shock, by for example using an isolating transformer and gloves when servicing while the set is energized, unplugging the power cord when replacing parts, etc.
- (2) There are high voltage parts inside. Handle with extra care when the set is energized.

◎ Caution concerning disassembly and assembly!

Though great care is taken when manufacturing parts from sheet metal, there may in some rare cases be burrs on the edges of parts which could cause injury if fingers are moved across them. Use gloves to protect your hands.

◎ Only use designated parts!

The set's parts have specific safety properties (fire resistance, voltage resistance, etc.). For replacement parts, be sure to use parts which have the same properties. In particular, for the important safety parts that are marked  on wiring diagrams and parts lists, be sure to use the designated parts.

◎ Be sure to mount parts and arrange the wires as they were originally!

For safety reasons, some parts use tape, tubes or other insulating materials, and some parts are mounted away from the surface of printed circuit boards. Care is also taken with the positions of the wires inside and clamps are used to keep wires away from heating and high voltage parts, so be sure to set everything back as it was originally.

◎ Inspect for safety after servicing!

Check that all screws, parts and wires removed or disconnected for servicing have been put back in their original positions, inspect that no parts around the area that has been serviced have been negatively affected, conduct an insulation check on the external metal connectors and between the blades of the power plug, and otherwise check that safety is ensured.

(Insulation check procedure)

Unplug the power cord from the power outlet, disconnect the antenna, plugs, etc., and turn the power switch on. Using a 500V insulation resistance tester, check that the insulation resistance between the terminals of the power plug and the externally exposed metal parts (antenna terminal, headphones terminal, microphone terminal, input terminal, etc.) is 1MΩ or greater. If it is less, the set must be inspected and repaired.

CAUTION Concerning important safety parts

Many of the electric and structural parts used in the set have special safety properties. In most cases these properties are difficult to distinguish by sight, and using replacement parts with higher ratings (rated power and withstand voltage) does not necessarily guarantee that safety performance will be preserved. Parts with safety properties are indicated as shown below on the wiring diagrams and parts lists is this service manual. Be sure to replace them with parts with the designated part number.

- (1) Schematic diagrams ... Indicated by the  mark.
- (2) Parts lists ... Indicated by the  mark.

Using parts other than the designated parts could result in electric shock, fires or other dangerous situations.

注 意 サービス、点検時にはつぎのことにご注意願います。

◎注意事項をお守りください！

サービスのとき特に注意を必要とする個所についてはキャビネット、部品、シャーシなどにラベルや捺印で注意事項を表示しています。これらの注意書きおよび取扱説明書などの注意事項を必ずお守りください。

◎感電に注意！

- (1) このセットは、交流電圧が印加されていますので通電時に内部金属部に触れると感電することがあります。従って通電サービス時には、絶縁トランスの使用や手袋の着用、部品交換には、電源プラグを抜くなどして感電にご注意ください。
- (2) 内部には高電圧の部分がありますので、通電時の取扱には十分ご注意ください。

◎分解、組み立て作業時のご注意！

板金部品の端面の『バリ』は、部品製造時に充分管理をしておりますが、板金端面は鋭利となっている箇所がありますので、部品端面に触れたまま指を動かすとまれに怪我をする場合がありますので十分注意して作業して下さい。手の保護のために手袋を着用してください。

◎指定部品の使用！

セットの部品は難燃性や耐電圧など安全上の特性を持ったものとなっています。従って交換部品は、使用されていたものと同じ特性の部品を使用してください。特に配線図、部品表に  印で指定されている安全上重要な部品は必ず指定のものをご使用ください。

◎部品の取付けや配線の引きまわしは、元どおりに！

安全上、テープやチューブなどの絶縁材料を使用したり、プリント基板から浮かして取付けた部品があります。また内部配線は引きまわしやクランプによって発熱部品や高圧部品に接近しないように配慮されていますので、これらは必ず元どおりにしてください。

◎サービス後は安全点検を！

サービスののために取り外したねじ、部品、配線などが元どおりにになっているか、またサービスした個所の周辺を劣化させてしまったところがないかなどを点検し、外部金属端子部と、電源プラグの刃の間の絶縁チェックをおこなうなど、安全性が確保されていることを確認してください。

(絶縁チェックの方法)

電源コンセントから電源プラグを抜き、アンテナやプラグなどを外し、電源スイッチを入れます。500V 絶縁抵抗計を用いて、電源プラグのそれぞれの端子と外部露出金属部〔アンテナ端子、ヘッドホン端子マイク端子、入力端子など〕との間で、絶縁抵抗値が 1 MΩ 以上であること、この値以下のときはセットの点検修理が必要です。

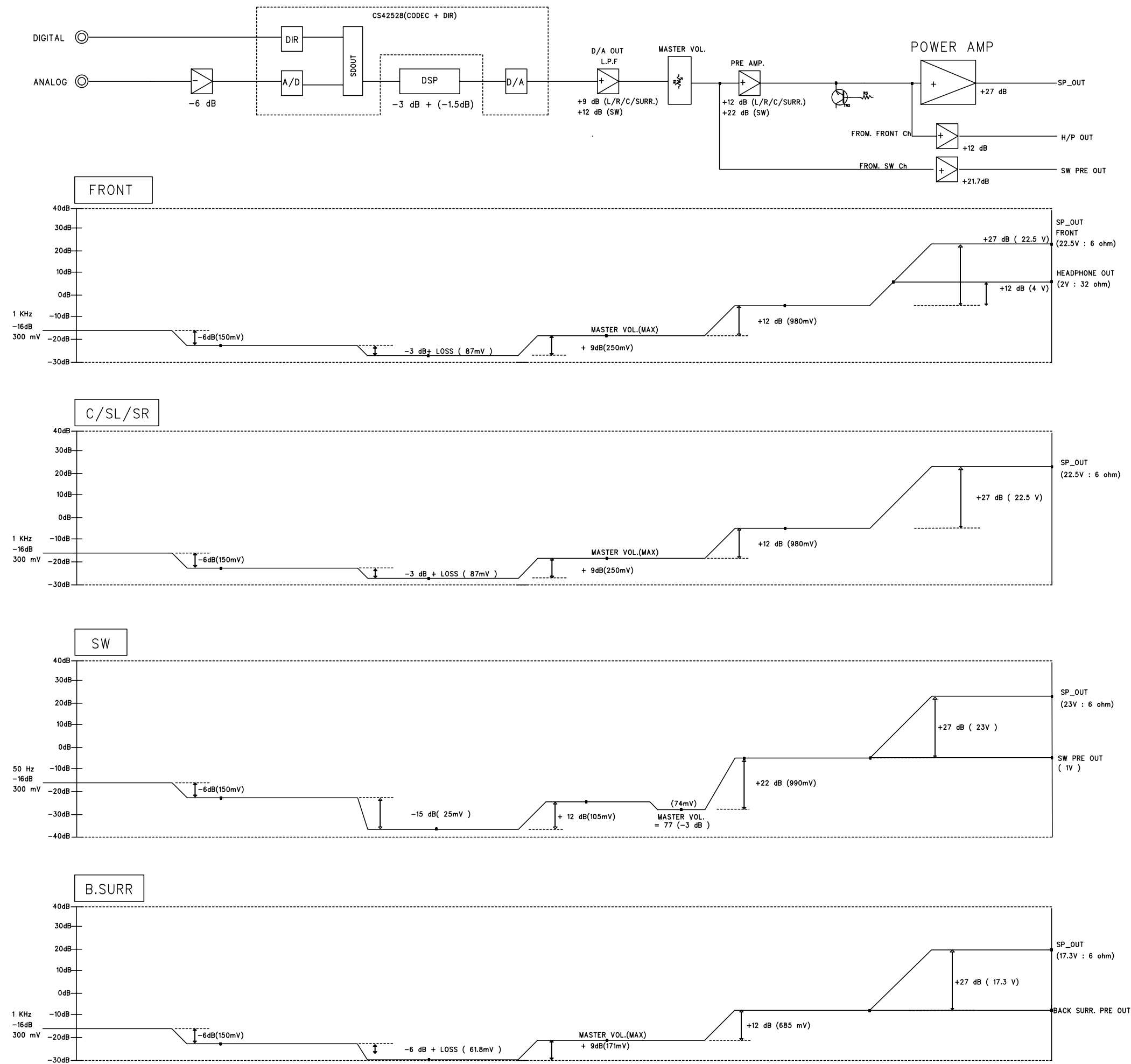
注 意 安全上重要な部品について

本機に使用している多くの電気部品、および機構部品は安全上、特別な特性を持っています。この特性はほとんどの場合、外観では判別つきにくく、またもとの部品より高い定格（定格電力、耐圧）を持ったものを使用しても安全性が維持されるとは、限りません。安全上の特性を持った部品は、このサービスマニュアルの配線図、部品表につぎのように表示していますので必ず指定されている部品番号のものを使用願います。

- (1) 配線図…  マークで表示しています。
- (2) 部品表…  マークで表示しています。

指定された部品と異なるものを使用した場合には、感電、火災などの危険を生じる恐れがあります。

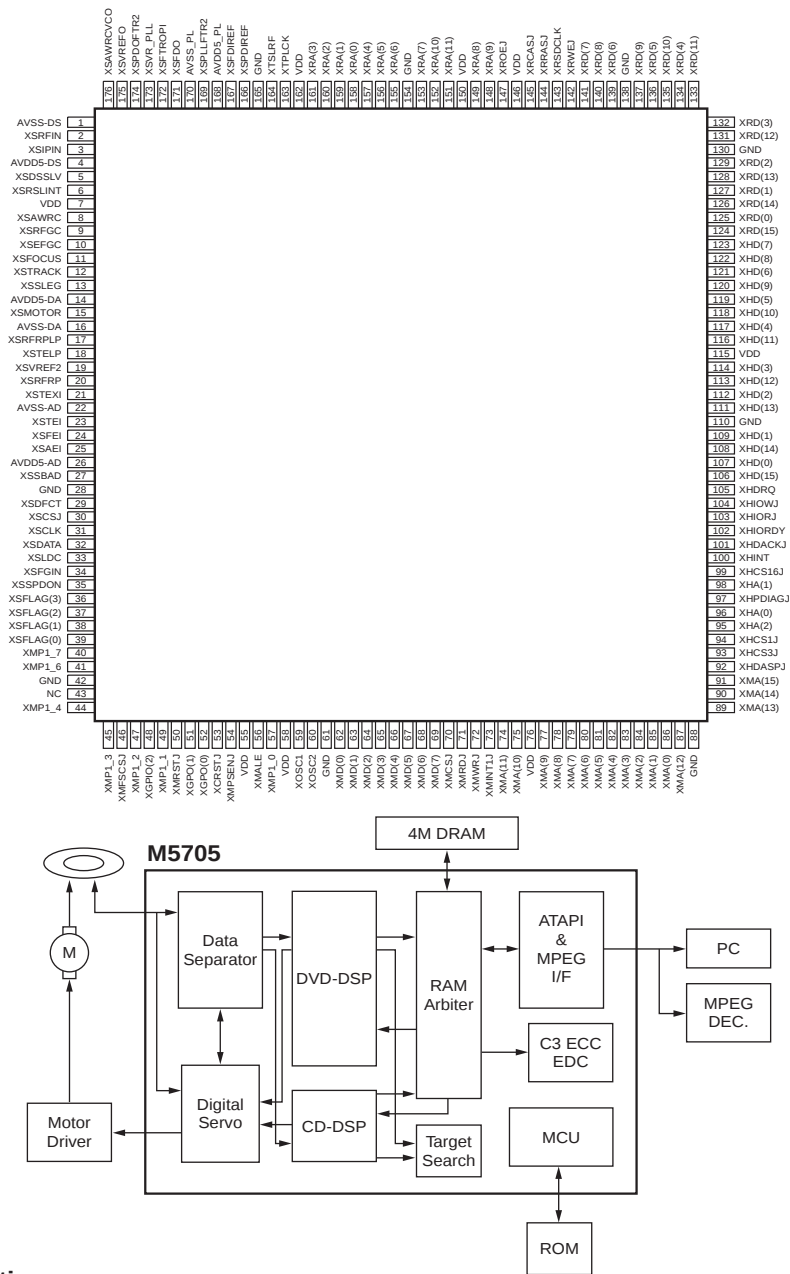
LEVEL DIAGRAM



Pin No.	Pin Name	I/O	Function																																				
24	RESET#	I	Reset input, active low.																																				
25	TDMDX	O	TDM transmit data.																																				
28	TDMDR	I	TDM receive data.																																				
29	TDMCLK	I	TDM clock input.																																				
30	TDMFS	I	TDM frame sync.																																				
31	TDMTSC#	O	TDM output enable.																																				
32	TWS	O	Audio transmit frame sync.																																				
	SEL_PLL2	I	System and DSCK output clock frequency selection is made at the rising edge of RESET#. The matrix below lists the available clock frequencies and their respective PLL bit settings.																																				
			<table><tr><th>SEL_PLL2</th><th>SEL_PLL1</th><th>SEL_PLL0</th><th>Clock Type</th></tr><tr><td>0</td><td>0</td><td>0</td><td>VCO off.</td></tr><tr><td>0</td><td>0</td><td>1</td><td>DCLK</td></tr><tr><td>0</td><td>1</td><td>0</td><td>Bypass mode</td></tr><tr><td>0</td><td>1</td><td>1</td><td>DCLK x 2</td></tr><tr><td>1</td><td>0</td><td>0</td><td>DCLK x 4.5</td></tr><tr><td>1</td><td>0</td><td>1</td><td>DCLK x 3</td></tr><tr><td>1</td><td>1</td><td>0</td><td>DCLK x 3.5z</td></tr><tr><td>1</td><td>1</td><td>1</td><td>DCLK x 4</td></tr></table>	SEL_PLL2	SEL_PLL1	SEL_PLL0	Clock Type	0	0	0	VCO off.	0	0	1	DCLK	0	1	0	Bypass mode	0	1	1	DCLK x 2	1	0	0	DCLK x 4.5	1	0	1	DCLK x 3	1	1	0	DCLK x 3.5z	1	1	1	DCLK x 4
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33	TSD0	O	Audio transmit serial data port 0.																																				
	SEL_PLL0	I	Refer to the description and matrix for SEL_PLL2 pin 32.																																				
36	TSD1	O	Audio transmit serial data port 1.																																				
	SEL_PLL1	I	Refer to the description and matrix for SEL_PLL2 pin 32.																																				
37	TSD[2]	O	Audio transmit serial data output 2.																																				
38	TSD[3]	O	Audio transmit serial data output 3.																																				
39	MCLK	I/O	Audio master clock for audio DAC.																																				
40	TBCK	O	Audio transmit bit clock.																																				
41	SPDIF	O	S/PDIF output.																																				
	SEL_PLL3	I	Clock source select.																																				
			<table><tr><th>SEL_PLL3</th><th>Clock Source</th></tr><tr><td>0</td><td>Crystal oscillator</td></tr><tr><td>1</td><td>DCLK input</td></tr></table>	SEL_PLL3	Clock Source	0	Crystal oscillator	1	DCLK input																														
SEL_PLL3	Clock Source																																						
0	Crystal oscillator																																						
1	DCLK input																																						
42,48	NC		No connect pins. Leave open.																																				
45	RSD	I	Audio receive serial data.																																				
46	RWS	I	Audio receive frame sync.																																				
47	RBCK	I	Audio receive bit clock.																																				
49	XIN	I	Crystal input.																																				
50	XOUT	O	Crystal output.																																				
51	AVEE	I	Analog power for PLL.																																				
66:61, 58:53	DMA[11:0]	O	DRAM address bus [11:0]																																				
69	DCAS#	O	DRAM column address strobe,																																				
70	DSCK_EN	O	DRAM clock enable.																																				
71	DWE#	O	DRAM write enable.																																				
72	DRAS#	O	DRAM row address strobe.																																				
73	DMBS0	O	SDRAM bank select 0.																																				
74	DMBS1	O	SDRAM bank select 1.																																				
96:93, 90:85, 82:77	DB[15:0]	I/O	DRAM data bus [15:0]																																				
97, 100	DCS[1:0]#	O	SDRAM chip select [1:0]																																				
101	DQM	O	Data input/output mask.																																				
102	DSCK	O	Output clock to SDRAM.																																				
105	DCLK	I	27 MHz clock input to PLL.																																				
106	UDAC	O	Video UDAC output.																																				
107	VREF	I	Internal voltage to video DAC.																																				
108	CDAC	O	Video CDAC output.																																				
109	COMP	I	Compensation input.																																				
110	RSET	I	DAC current adjustment resistor input.																																				
111	ADVEE	I	Analog power for video DAC.																																				
113	YDAC	O	Video YDAC output.																																				

Pin No.	Pin Name	I/O	Function
114	VDAC	O	Video VDAC output.
115	YUV7	O	YUV7 pixel output data.
116	PCLK2XSCN	I/O	27 MHz video output pixel clock.
117	PCLKQSCN	O	13.5 MHz video output pixel clock.
118	VSYNC#	I/O	Vertical sync, active low.
119	HSYNC#	I/O	Horizontal sync, active low.
127:122	HD[5:0]	I/O	Host data I/O [5:0].
128	HD[6]	I/O	Host data I/O [6].
131	HD[7]	I/O	Host data I/O [7].
132	HD[8]	I/O	Host data bus 8.
133	HD[9]	I/O	Host data bus line 9.
134	HD[10]	I/O	Host data bus line 10.
135	HD[11]	I/O	Host data bus line 11.
136	HD[12]	I/O	Host data bus line 12.
137	HD[13]	I/O	Host data bus line 13.
140	HD[14]	I/O	Host data bus line 14.
141	HD[15]	I/O	Host data bus line 15.
142	HWRQ#	O	Host write request.
143	HRRQ#	O	Host read request.
144	HIRQ	I/O	Host interrupt.
145	HRST#	O	Host reset.
146	HIORDY	I	Host I/O ready.
149	HWR#	I/O	Host write.
150	HRD#	O	Host read.
151	HIOCS16#	I	Device 16-bit data transfer.
152	HCS1FX#	O	Host select 1.
153	HCS3FX#	O	Host select 3.
158, 155:154	HA[2:0]	I/O	Host address bus.
160	AUX[0]	O	I ² C DATA.
162	AUX[2]	I/O	Auxiliary ports 2.
165	AUX[3]	I/O	Auxiliary ports 3.
169:166	AUX[7:3]	I/O	Auxiliary ports 7:3.
170	LOE#	O	Device output enable.
176:173	LCS[3:0]#	O	Chip select [3:0].
197:194, 191:185, 182:178	LD[15:0]	I/O	EPROM device data bus.
198	LWRLL#	O	Device low-byte write enable.
199	LWRHL#	O	Device high-byte write enable.
202	CAMIN0	I	Camera YUV 0.
203	CAMIN1	I	Camera YUV 1.
161	AUX[1]	O	I ² C CLK.

M5705 (ME: U1)



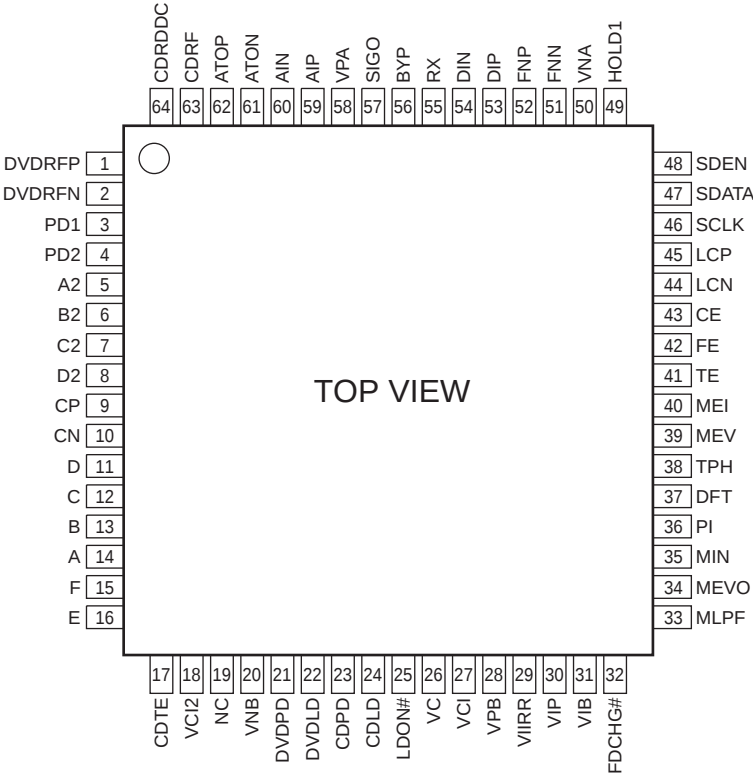
M5705 Terminal Function

Pin No.	Pin Name	Type	Description
2	XSRFIN	I/A	Analog RF signal input after passing through the equalizer
3	XSIPIN	I/A	Inverting input pin of data slicer
5	XSDSSLV	O/A	Slice level output pin
6	XSRSLINT	I/A	Reference current setting pin for analog data slicer
8	XSAWRC	O/A	Output for enlarge VCO range. Analog output from DAC buffer
9	XSRFGC	O/A	RF gain control output
10	XSEFGC	O/A	E,F gain control output
11	XSFOCUS	O/A	Output voltage level for focusing buffer IC
12	XSTRACK	O/A	Output voltage level for tracking buffer IC
13	XSSLEG	O/A	Output voltage level for sledge buffer IC
15	XSMOTOR	O/A	Output voltage level for spindle motor buffer IC
17	XSRFRPLP	I/A	High bandwidth low pass filter input for RFRP
18	XSTELP	I/A	High bandwidth low pass filter input for TE
19	XSVREF2	I/A	2.1V reference voltage input
20	XSRFRP	I/A	RF ripple/envelope signal input
21	XSTEXI	I/A	Tracking zero crossing input signal
23	XSTEI	I/A	Tracking error input signal
24	XSFEI	I/A	Focus error input signal
25	XSCEI	I/A	1. Center error input signal 2. Photo Interrupt input

Pin No.	Pin Name	Type	Description
27	XSSBAD	I/A	Sub-beam addition signal input
166	XSPDIREF	I/A	Phase detector reference current generator. Connect a resistor between this pin and ground to set reference current
167	XSFDIREF	I/A	Frequency detector reference current generator. Connect a resistor between this pin and ground to set reference current
169	XSPLLFR2	I/A	Data PLL loop filter pin#2
171	XSFDO	O/A	Output node of frequency detector charge pump circuit
172	XSFTROPI	I/A	Input node of loop filter OP circuit
173	XSVR_PLL	I/A	PLL reference voltage input
174	XSPDOFTR2	I/A	Phase detector filter pin#1
175	XSVREFO	O/A	Reference voltage output
176	XSAWRCVCO	I/A	Auto Wide Range Control of VCO input pin. For enlarge VCO range in CAV mode
29	XSDFCT	I	Detect detection signal input
30	XSCSJ	O	Chip select signal for accessing control registers
31	XSCLK	O	Clock output for accessing control registers
32	XSDATA	I/O	Registers data input/output pin
33	XSLDC	O	Laser diode on/off control output for both CD/DVD
34	XSFGIN	I	Motor Hall sensor input
35	XSSPDON	O	Spindle motor on output
36, 37, 38, 39	XSFLAG[3:0]	O	These pins are used to monitor some status of servo control block
48, 51, 52	XGPIO[2:0]	I/O	1. These pins are used as general purpose I/O bus 2. When use internal microcontroller, XGPIO[2] can be used as programmable I/O port 3.6.
40	XMP1_7	I/O	Internal microcontroller programmable I/O port 1.7.
41	XMP1_6	I/O	Internal microcontroller programmable I/O port 1.6.
43	XMP1_5	I/O	This pin is now changed to be NC.
44	XMP1_4	I/O	Internal microcontroller programmable I/O port 1.4.
45	XMP1_3	I/O	Internal microcontroller programmable I/O port 1.3.
47	XMP1_2	I/O	Internal microcontroller programmable I/O port 1.2.
49	XMP1_1	I/O	Internal microcontroller programmable I/O port 1.1.
57	XMP1_0	I/O	Internal microcontroller programmable I/O port 1.0. This pin is default used as the A16 (microcontroller address line 16)
46	XMFSCSJ	I/O	Output chip select connected to external flash ROM chip enable pin
54	XMPSENJ	I/O	Output program store enable connected to external ROM PSENJ pin.
56	XMALE	I/O	This signal is used as address latch signal in address/data mux mode
70	XMCSJ	I/O	1. This signal must be asserted for all microcontroller accesses to the register of this chip 2. When use internal microcontroller, this signal can be used as programmable I/O port 3.1
71	XMRDJ	I/O	1. This signal is used as the Read Strobe signal 2. When use internal microcontroller, this signal can be used as programmable I/O port 3.0
72	XMWRJ	I/O	This signal is used as the Write Strobe signal
73	XMINT1J	I/O	1. This signal is an interrupt line to the microcontroller 2. When use internal microcontroller, this signal can be used as programmable I/O port 3.7
74, 75, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 89, 90, 91	XMA[15:0]	I/O	These pins are used as address bus
62, 63, 64, 65, 66, 67, 68, 69	XMD[7:0]	I/O	These pins are used as data bus for the 16-bit processor mode, or the address/data mux bus for the 8-bit processor mode.
163	XTPLCK	I/O	PLCK test pin
164	XTSLRF	I/O	SLRF test pin
59	XOSC1	I	Crystal input/System clock. The input frequency from outside crystal or oscillator is 33.8688MHz
60	XOSC2	O	Crystal output
53	XCRSTJ	I	Chip Reset. As asserted low input generates a component reset that stops all operations within the chip and deasserts all output signals. All input/output signals are set to input.
94	XHCS1J	I	This pin is used to select the command block task file registers
93	XHCS3J	I	This pin is used to select the control block task file registers
103	XHIORJ	I	Asserted by the host during a host I/O read operation
104	XHIOWJ	I	Asserted by the host during a host I/O write operation
105	XHDRQ	O	1. DMA request. This pin is configured as the DMA request signal, and is used during DMA transfer between the host and the controller. This pin is tri-stated when DMA transfers are not enabled. 2. MPEG acknowledge. This pin is used as the ACKJ signal when MPEG interface mode is selected.
101	XHDACKJ	I	1. DMA acknowledge. This pin is configured as DACKJ, and is used as the DMA acknowledge signal during DMA data transfers. 2. MPEG request. This pin is used as the REQ signal when MPEG interface mode is selected
99	XHCS16J	O	1. 16-bit data select. This signal indicates that a 16-bit data transfer is active on the host data bus. This pin is open-drain tri-state output. 2. MPEG clock. This pin is used as the CLOCK signal when MPEG interface mode is selected.
50	XHRSTJ	I	Host Reset. The reset of ATA bus
100	XHINT	O	1. Host interface request. This tri-state pin is the host interrupt request, and is asserted to indicate to the host that the controller needs attention. 2. MPEG begin. This pin is used as the BEGIN signal when MPEG interface mode is selected

Pin No.	Pin Name	Type	Description
97	XHPDIAGJ	I/O	This pin is used as the Passed Diagnostics signal, and may be an input or an open-drain output
92	XHDASPJ	I/O	This pin is used as the Drive Active/Slave Present signal, and is an input or an open-drain output. This pin is used for Master/Slave drive communication and/or for driving an LED
102	XHIORDY	I/O	1. I/O channel ready. This signal is driven low to extend host transfer cycles when the controller is not ready to respond. This pin will be tri-stated when a read or write is not in progress. 2. MPEG error. This pin is used as the ERROR signal when MPEG interface mode is selected
95, 96, 98	XHA[2:0]	I	Host address lines. The host address lines A[2:0] are used to access the various host control, status, and data registers
106, 107, 108, 109, 111, 112, 113, 114, 116, 117, 118, 119, 120, 121, 122, 123	XHD[15:0]	I/O	1. Host data bus. This bus is used to transfer data and status between the host and the controller. 2. MPEG data bus 7-8. The HD[7:0] are used as the DATA [7:0] when MPEG interface mode is selected. 3. VCD I/F. Bit3-0 are used as VCD I/F signal when VCD function is enabled. The relationship of bit3-0 and VCD I/F is as follow HD0—CD-DATA HD1—CD-LRCK HD2—CD-BCK HD3—CD-C2PO
143	XRSDCLK	O	This signal is the clock output for SDRAM
147	XROEJ	O	This signal is used as the memory output enable for external DRAM buffers. After RSTJ is asserted, this signal will be low
142	XRWEJ	O	This signal is asserted low when a buffer memory write operation is active
144	XRRASJ	O	This signal is used as Row address output to external DRAM buffer. After RSTJ is asserted, this signal will be high
145	XRCASJ	O	This signal is used as column address output to external DRAM. After RSTJ is asserted, this signal will be high
148, 149, 151, 152, 153, 155, 156, 157, 158, 159, 160, 161	XRA[11:0]	O	1. RAM address lines. These are bits11-0 for addressing the buffer memory. 2. Hardware setting. The bits6-0 are used as hardware setting for some functions. RA[9] : FLASH size is 64K/128K 1: FLASH size is 64K 0: FLASH size is 128K RA[8] : External CPU is 8032/H8 1: 8032 0: H8 RA[7] : Microcontroller programmable I/O port 1 pin control 1: By internal microcontroller 0: By registers to decide input/output RA[6] : System test pin output 1: Normal operation 0: System test pin output RA[5] : For testing purpose, don't need to set RA[4] : IDE master/slave 1: Slave 0: Master RA[3] : For testing purpose, don't need to set RA[2] : For testing purpose, don't need to set RA[1-0] : MCU Mode selection 11: Normal Mode (internal uP, internal address latch) 10: Outside uP Mode (ICE Mode) 01: Test mode for internal uP testing 00: Internal uP mode with external address latch
124, 125, 126, 127, 128, 129, 131, 132, 134, 135, 136, 137, 138, 139, 140, 141	XRD[15:0]	I/O	These signals are the 8-bit parallel data lines to/from the buffer memory.
4	AVDD5_DS		Analog Power +5V for Data Slicer part
14	AVDD5_DA		Analog Power +5V for DAC part
26	AVDD5_AD		Analog Power +5V for ADC part
168	AVDD5_PL		Analog Power +5V for Data PLL part
7, 55, 58, 76, 115, 146, 150, 162	VDD		Power +3.3V for digital core logic and pad
1	AVSS_DS		Analog Ground for Data Slicer part
16	AVSS_DA		Analog Ground for DAC part
22	AVSS_AD		Analog Ground for ADC part
170	AVSS_PL		Analog Ground for Data PLL part
28, 42, 61, 88, 110, 130, 138, 154, 165	GND		Digital Ground core logic and pad.

SP3721A (ME: U2)

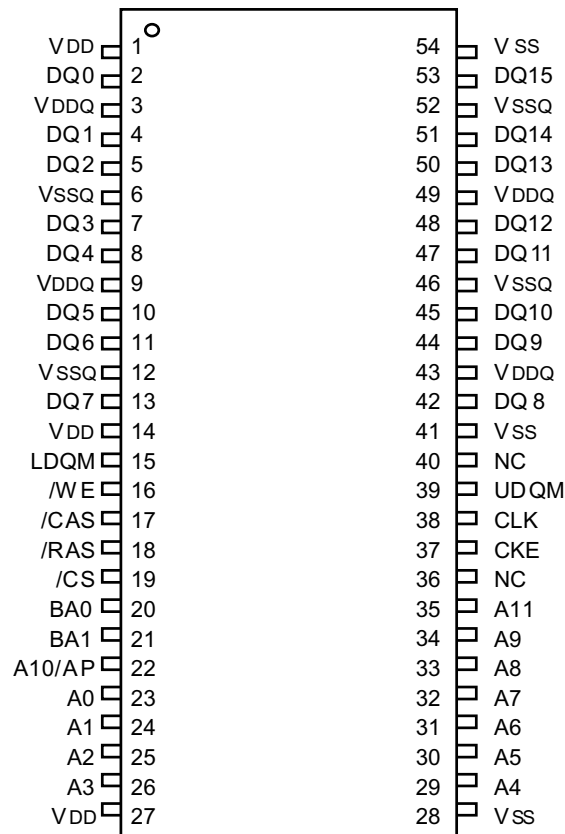


SP3721A Terminal Function

Pin No.	Pin Name	Type	Description
1, 2	DVDRFP, DVDRFN	I	RF Signal Inputs. Differential RF signal attenuator input pins
63	CDRF	I	RF Signal Inputs. Single-ended RF signal attenuator input pin
59, 60	AIP, AIN	I	AGC Amplifier Inputs. Differential AGC amplifier input pins
53, 54	DIP, DIN	I	Analog inputs for RF Single Buffer. Differential analog inputs to the RF single-ended output buffer and full wave rectifier
32	FDCHG#	I	Low Impedance Enable. A TTL compatible input pin that activates the FDCHG switches. A low level activates the switches and the falling edge of the internal FDCHG triggers the fast decay for the MIRR bottom hold circuit. (open high)
49	HOLD1	I	Hold Control. A TLL compatible control pin which, when pulled high, disables the RF AGC charge pump and holds the RF AGC amplifier gain at its present value. (open high)
11~14	D, C, B, A	I	Photo Detector Interface Inputs. Inputs from the main beam Photo detector matrix outputs
5~8	A2, B2, C2, D2	I	Photo Detector Interface Inputs. AC coupled inputs for the DPD from the main beam Photo detector matrix outputs
15~16	F, E	I	CD tracking Error Inputs. Inputs from the CD photo detector error outputs.
3~4	PD1, PD2	I	CD Photo detector Interface Inputs. Inputs from the CD photo detector error outputs
40	MEI	I	Mirror Envelope Inputs. The SIGO envelope input pin
35	MIN	I	RF signal Input for Mirror. AC coupled inputs for the mirror detection circuit from the pull-in signal output. (PI)
21	DVDPD	I	APC Input. DVD APC input pin from the monitor photo diode
23	CDPD	I	APC Input. CD APC input pin from the monitor photo diode
25	LDON#	I	APC Output On/Off. APC output control pin. A low level activates the LD output. (open high)
61, 62	ATON/ATOP	O	Differential Attenuator Output. Attenuator outputs
51, 52	FNN, FNP	O	Differential Normal Output. Filter normal outputs
57	SIGO	O	Single Ended Normal Output. Single-ended RF output
64	CDRFDC	O	CD RF Signal Output. Single ended CD RF summing output
42	FE	O	Focusing Error Signal Output. Focus error output reference to VCI
41	TE	O	Tracking Error Signal Output. Tracking error output reference to VCI

Pin No.	Pin Name	Type	Description
43	CE	O	Center Error Signal Output. Center error output reference to VCI
34	NEVO	O	SIGO Bottom Envelope Output. Bottom envelope for mirror detection
37	DFT	O	Defect Output. Pseudo CMOS output. When a defect is detected, the DFT output goes high. Also the servo AGC output can be monitored at this pin, when CAR bits 7-4 are '0011'
29	MIRR	O	Mirror Detect Output. Mirror Detect comparator output. Pseudo CMOS output
36	PI	O	Pull-in Signal Output. The summing signal output of A, B, C, D or PD1, PD2 for mirror detection. Reference to VCI
22	DVDLD	O	APC output. DVD APC output pin to control the laser power
24	CDLD	O	APC output. CD APC output pin to control the laser power
56	BYP	I/O	The RF AGC integration capacitor CBYP, is connected between BYP and VPA
9	CP	I/O	Differential Phase tracking LPF pin. An external capacitance is connected between this pin and the CN pin
10	CN	I/O	Differential Phase tracking LPF pin. An external capacitance is connected between this pin and the CP pin
45	LCP	—	Center Error LPF pin. An external capacitance is connected between this pin and the LCN pin
44	LCN	—	Center Error LPF pin. An external capacitance is connected between this pin and the LCP pin
30	MP	—	MIRR signal Peak hold pin. An external capacitance is connected to between this pin and VPB
31	MB	—	MIRR signal Bottom hold pin. An external capacitance is connected to between this pin and VPB
39	MEV	—	Sigo Bottom Envelope pin. An external capacitance is connected to between this pin and VPB
17	CDTE	—	CD Tracking. E-F Opamp output for feedback
38	TPH	—	PI Top Hold pin. An external capacitance is connected to between this pin and VPB
26	VC	—	Reference Voltage output. This pin provides the internal DC bias reference voltage (+2.5V Iix). Output Impedance is less than 50ohms
27	VCI	—	Reference Voltage input. DC bias voltage input for the servo input reference
18	VCI2	—	Reference Voltage input. DC bias voltage input for the servo input reference
55	RX	—	Reference Resistor Input. An external 8.2kohm, 1% resistor is connected from this pin to ground to establish a precise PTAT (proportional to absolute temperature) reference current for the filter
33	MLPF	—	MIRR signal LPF pin. An external capacitance is connected between this pin and VPB
19	NC	—	No Connect
48	SDEN	I	Serial Data Enable. Serial Enable CMOS input. A high level input enable the serial port (Not to be left open)
47	SDATA	I/O	Serial Data. Serial data bi-directional CMOS pin. NRZ programming data for the internal registers is applied to this input (Not to be left open)
46	SCLK	I	Serial Clock. Serial Clock CMOS input. The clock applied to this pin is synchronized with the data applied to SDATA (Not to be left open)
58	VPA		Power. Power supply pin for the RF block and serial port
28	VPB		Power. Power supply pin for the servo block
50	VNA		Ground. Ground pin for the RF block and serial port
20	VNB		Ground. Ground pin for the servo block

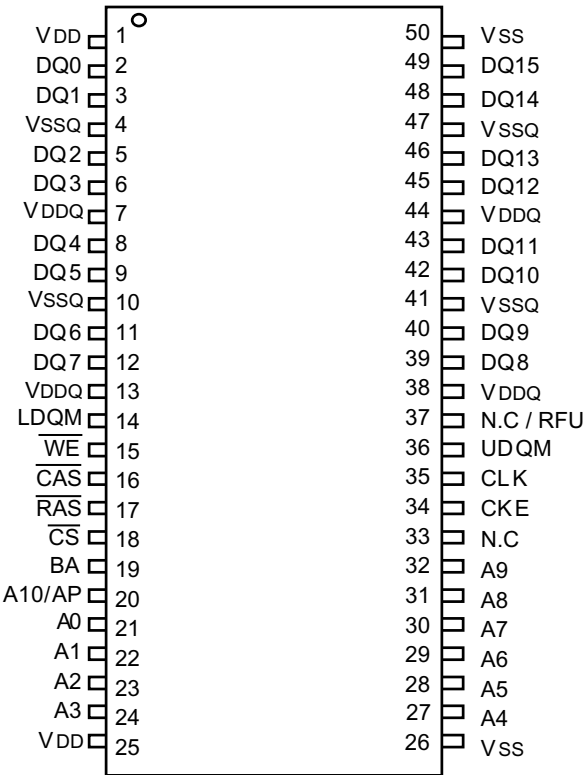
HY57V651620BTC-75 (ME: U11)



PIN DESCRIPTION

PIN	PIN NAME	DESCRIPTION
CLK	Clock	The system clock input. All other inputs are registered to the SDRAM on the rising edge of CLK
CKE	Clock Enable	Controls internal clock signal and when deactivated, the SDRAM will be one of the states among power down, suspend or self refresh
CS	Chip Select	Enables or disables all inputs except CLK, CKE and DQM
BA0,BA1	Bank Address	Selects bank to be activated during $\overline{\text{RAS}}$ activity Selects bank to be read/written during $\overline{\text{CAS}}$ activity
A0 ~ A11	Address	Row Address : RA0 ~ RA11, Column Address : CA0 ~ CA7 Auto-precharge flag : A10
$\overline{\text{RAS}}$, $\overline{\text{CAS}}$, $\overline{\text{WE}}$	Row Address Strobe, Column Address Strobe, Write Enable	$\overline{\text{RAS}}$, $\overline{\text{CAS}}$ and $\overline{\text{WE}}$ define the operation Refer function truth table for details
LDQM, UDQM	Data Input/Output Mask	Controls output buffers in read mode and masks input data in write mode
DQ0 ~ DQ15	Data Input/Output	Multiplexed data input / output pin
VDD/VSS	Power Supply/Ground	Power supply for internal circuits and input buffers
VDDQ/VSSQ	Data Output Power/Ground	Power supply for output buffers
NC	No Connection	No connection

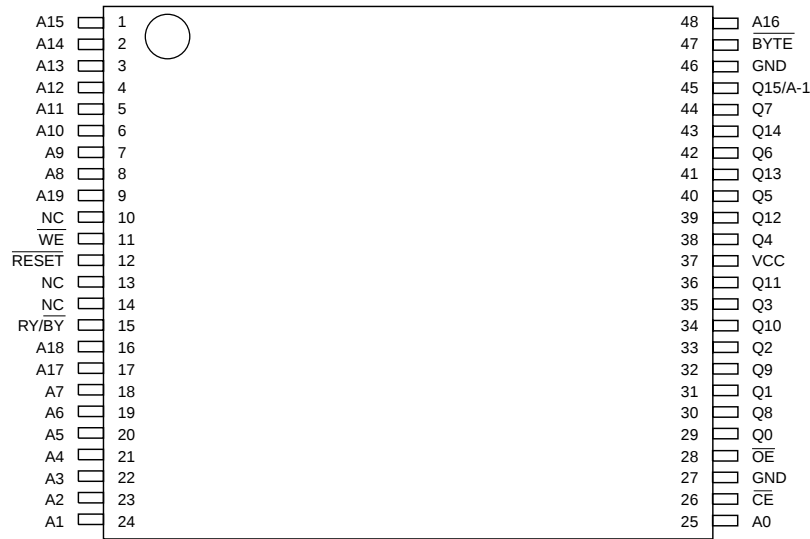
T431616A-8S(ME:U5)



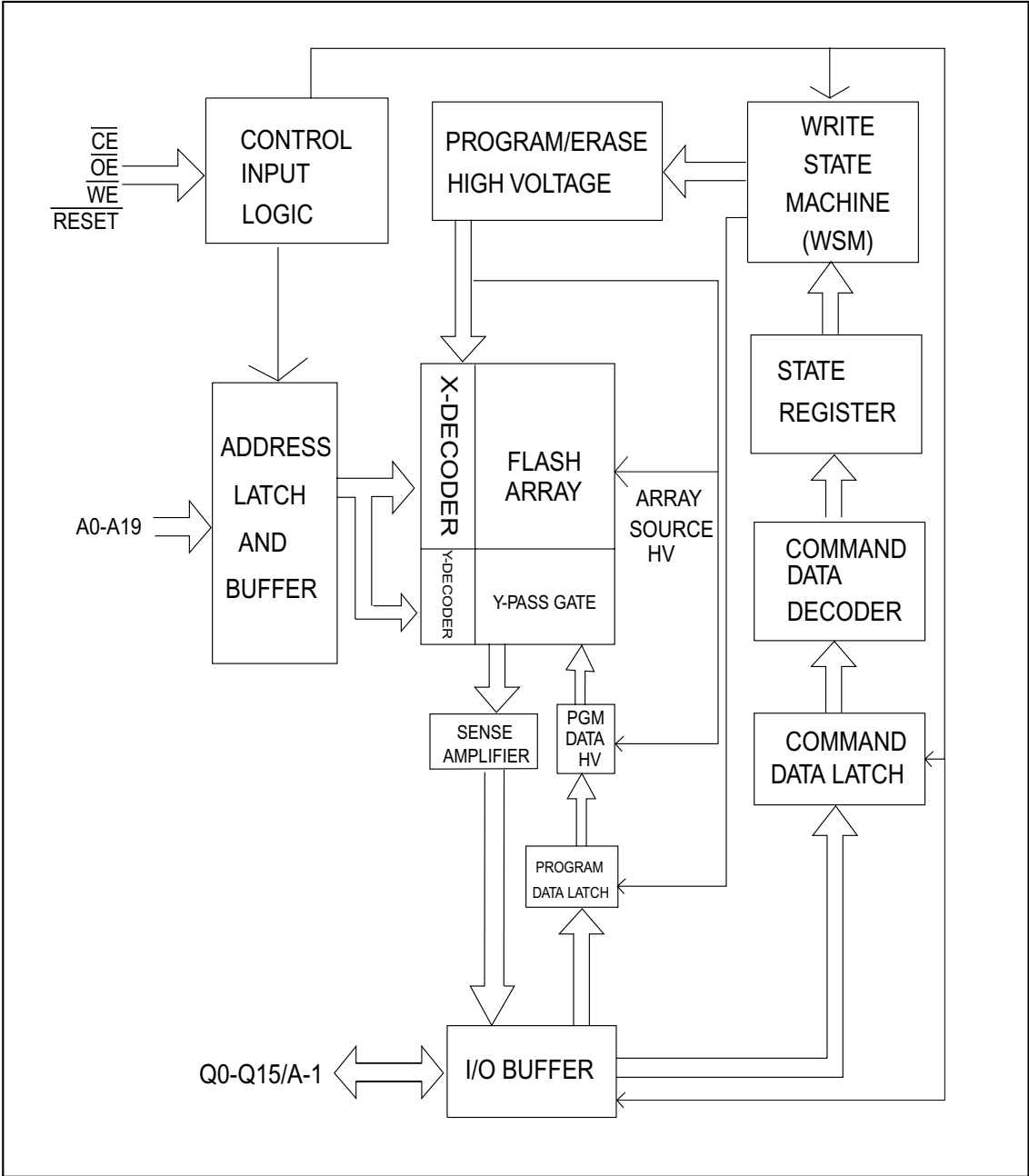
PIN DESCRIPTION

PIN	PIN NAME	DESCRIPTION
CLK	System Clock	Active on the positive going edge to sample all input.
CS	Chip Select	Disables or enables device operation by masking or enabling all input except CLK,CKE and L(U)DQM
CKE	Clock Enable	Masks system clock to freeze operation from the next clock cycle. CKE should be enabled at least one cycle prior to new command. Disable input buffers for power down in standby.
A0 ~ A10/AP	Address	Row/column addresses are multiplexed on the same pins. Row address : RA0 ~ RA10,column address : CA0 ~ CA7
BA	Bank Select Address	Selects bank to activated during row address latch time. Select bank for read/write during column address latch time.
RAS	Row Address Strobe	Latches row addresses on the positive going edge of the CLK with RAS low. Enables row access & precharge.
CAS	Column Address Strobe	Latches column addresses on the positive going edge of the CLK with CAS low. Enables column access.
WE	Write Enable	Enables write operation and row precharge. Latches data in starting from CAS, WE active.
L(U)DQM	Data Input/Output Mask	Makes data output Hi-Z, tshz after the clock and masks the output. Blocks data input when L(U)DQM active.
DQ0 ~ DQ15	Data Input/Output	Data inputs/outputs are multiplexed on the same pins.
VDD/VSS	Power Supply/Ground	Powe and ground for the input buffers and the core logic.
VDDQ/VSSQ	Data Output Power/Ground	Isolated power supply and ground for the output buffers to provide improved noise immunity.
N.C/RFU	No Connection/Reserved for Future Use	This pin is recommended to be left No Connection on the device.

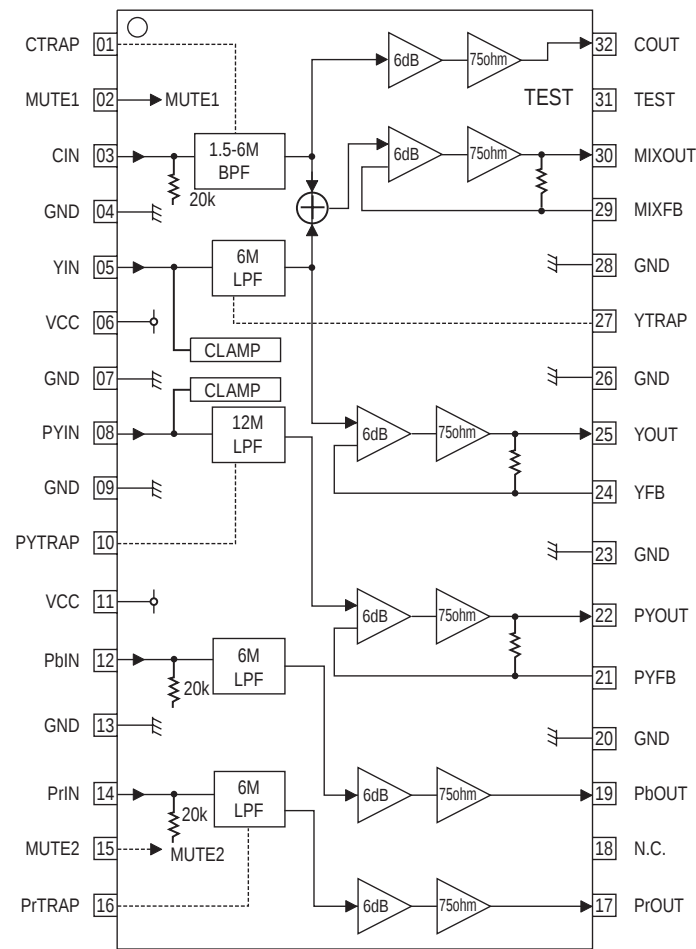
MX29LV800ABTC-70 (ME: U10)



BLOCK DIAGRAM



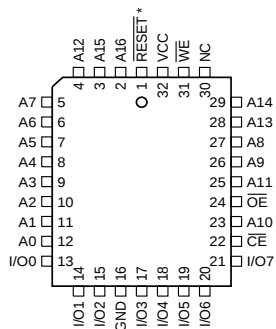
BH7862FS (MAIN: IC11)



BH7862FS Terminal Function

Pin No.	Port	Description
1	CTRAP	Pin for LC resonance
10	PYTRAP	
16	PrTRAP	
27	YTRAP	
2	MUTE1	Mute control pin, L: C, MIX, Y simultaneous mute
3	CIN	Signal input pin, chroma signal & color-difference signal
12	PbIN	
14	PrIN	
4, 7, 9, 13, 20, 23, 26, 28	GND	GND pin
5	YIN	Signal input pin, luminance signal
8	PYIN	
6	VCC	Power supply for C, MIX, Y
11		Power supply for PY, Pb, Pr
15	MUTE2	Mute control pin, L: PY, Pb, Pr simultaneous mute
17	PrOUT	Signal output pin, color-difference signal
19	PbOUT	
18	N.C.	
21	PYFB	Signal output pin, luminance signal (progressive)
22	PYOUT	
24	YFB	Signal output pin, luminance signal (interlace)
25	YOUT	
29	MIXFB	Signal output pin, Y/C MIX signal
30	MIXOUT	
31	TEST	TEST pin
32	COUT	Signal output pin, chroma signal

AT49F001N-70JC(ME:U3)

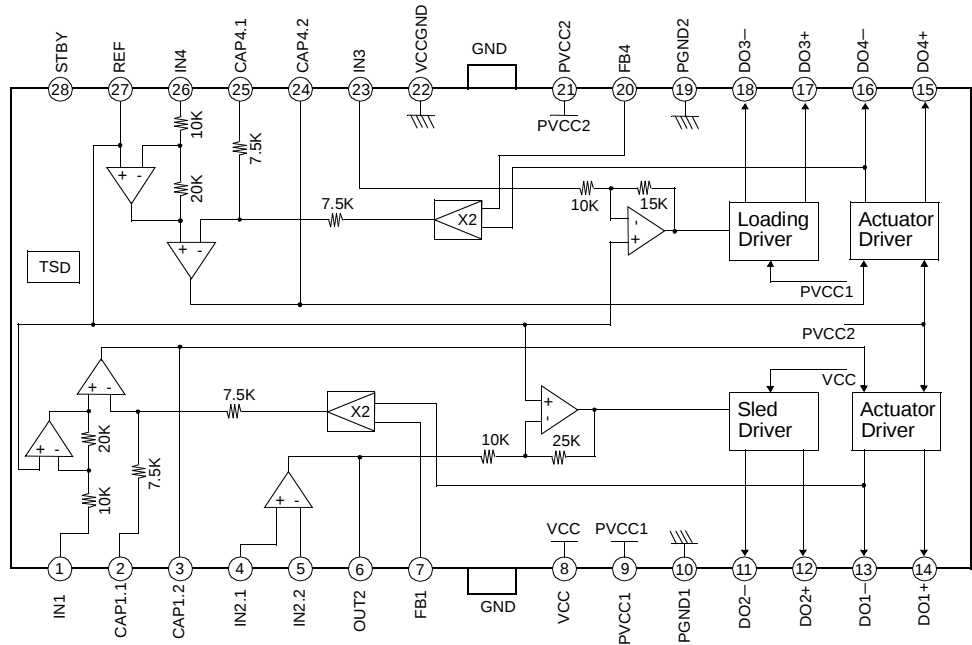


Pin Configurations

Pin Name	Function
A0 - A16	Addresses
$\overline{CE}$	Chip Enable
$\overline{OE}$	Output Enable
$\overline{WE}$	Write Enable
$\overline{RESET}$	RESET
I/O0 - I/O7	Data Inputs/Outputs
NC	No Connect
DC	Don't Connect

*Note: This pin is a DC on the AT49F001N(T).

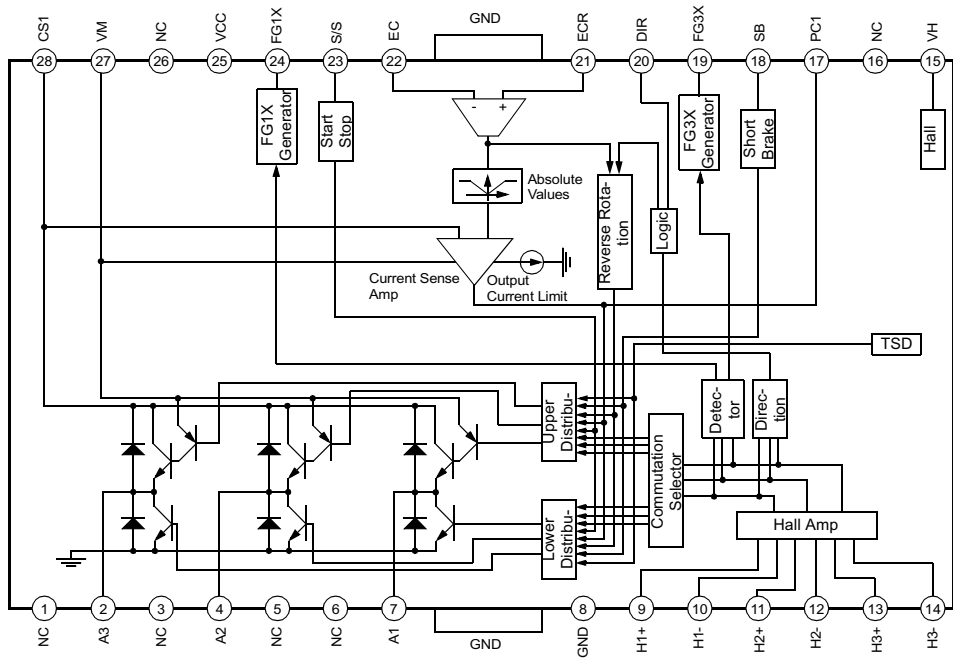
FAN8024BDTF(ME:U6)



Pin Definitions

Pin Number	Pin Name	I/O	Pin Function Description
1	IN1	I	CH1 input
2	CAP1.1	-	Connection with capacitor
3	CAP1.2	-	for CH1
4	IN2.1	I	OP-AMP CH2 input(+)
5	IN2.2	I	OP-AMP CH2 input(-)
6	OUT2	O	OP-AMP CH2 output
7	FB1	I	Feedback for CH1
8	VCC	-	Signal Vcc
9	PVCC1	-	Power Supply 1
10	PGND1	-	Power Ground 1
11	DO2-	O	Drive2 Output (-)
12	DO2+	O	Drive2 Output (+)
13	DO1-	O	Drive1 Output (-)
14	DO1+	O	Drive1 Output (+)
15	DO4+	O	Drive4 Output (+)
16	DO4-	O	Drive4 Output (-)
17	DO3+	O	Drive3 Output (+)
18	DO3-	O	Drive3 Output (-)
19	PGND2	-	Power Ground 2
20	FB4	-	Feedback for CH4
21	PVCC2	-	Power Supply 2
22	VCCGND	-	Vcc ground
23	IN3	I	CH3 input
24	CAP4.2	-	Connection with capacitor
25	CAP4.1	-	for CH4
26	IN4	I	CH4 input
27	REF	I	Bias voltage input
28	STBY	I	Stand-by input

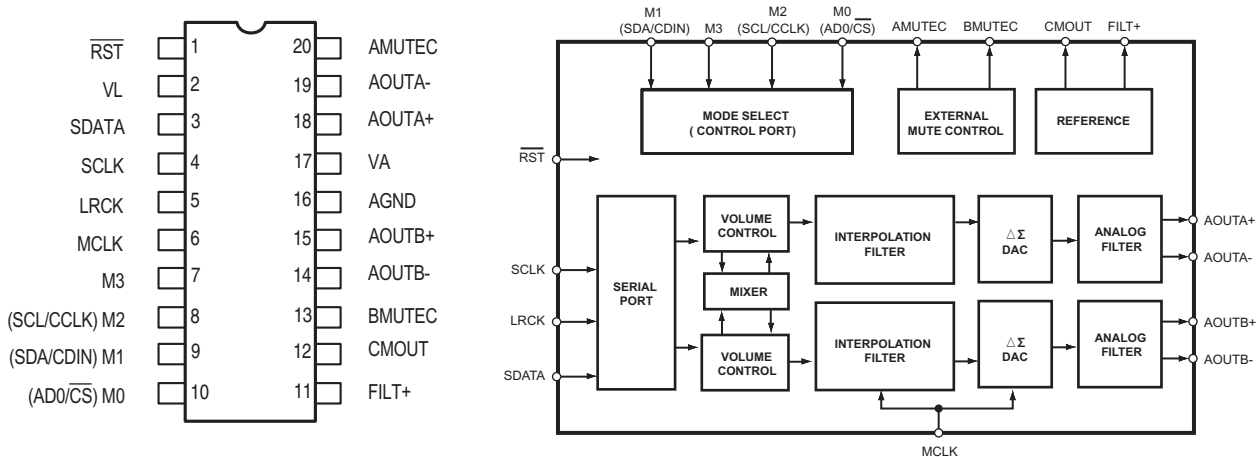
FAN8423D3TF(ME:U7)



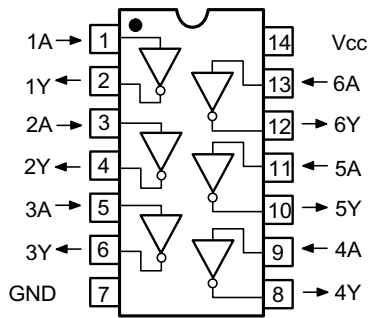
Pin Definitions

Pine Number	Pin Name	I/O	Pin Function Description
1	NC	-	No connection
2	A3	O	Output (A3)
3	NC	-	No connection
4	A2	O	Output (A2)
5	NC	-	No connection
6	NC	-	No connection
7	A1	O	Output (A1)
8	GND	-	Ground
9	H1+	I	Hall signal (H1+)
10	H1-	I	Hall signal (H1-)
11	H2+	I	Hall signal (H2+)
12	H2-	I	Hall signal (H2-)
13	H3+	I	Hall signal (H3+)
14	H3-	I	Hall signal (H3-)
15	VH	I	Hall bias
16	NC	-	No connection
17	PC1	-	Phase compensation capacitor
18	SB	I	Short brake
19	FG3X	O	FG waveform (3X)
20	DIR	O	Rotational direction output
21	ECR	I	Output current control reference
22	EC	I	Output current control voltage
23	S/S	I	Power save (Start/Stop switch)
24	FG1X	O	FG waveform (1X)
25	VCC	-	Supply voltage (Signal)
26	NC	-	No connection
27	VM	-	Supply voltage (Motor)
28	CS1	-	Output current detection

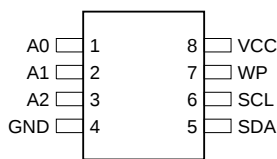
CS4392(ME:U16)



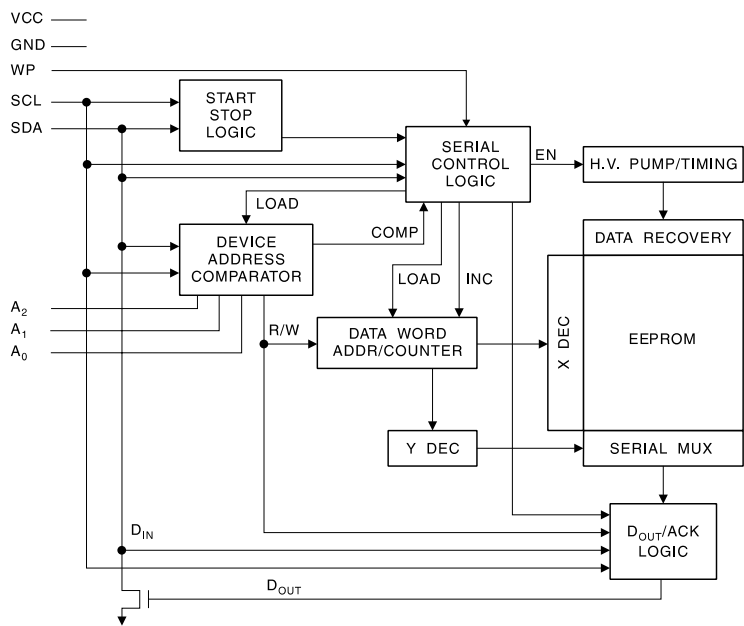
SN74HCU04PWR (ME: U8)



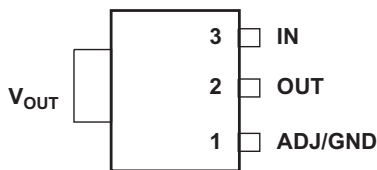
AT24C02N(ME: U13)



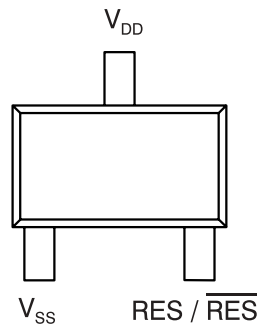
Block Diagram



NPC1117ST20T3(ME: Q4)
LM117S-3V3 (DS:IC33)
LM117S-2V5 (DS:IC32)



V6309M(ME: Q5)



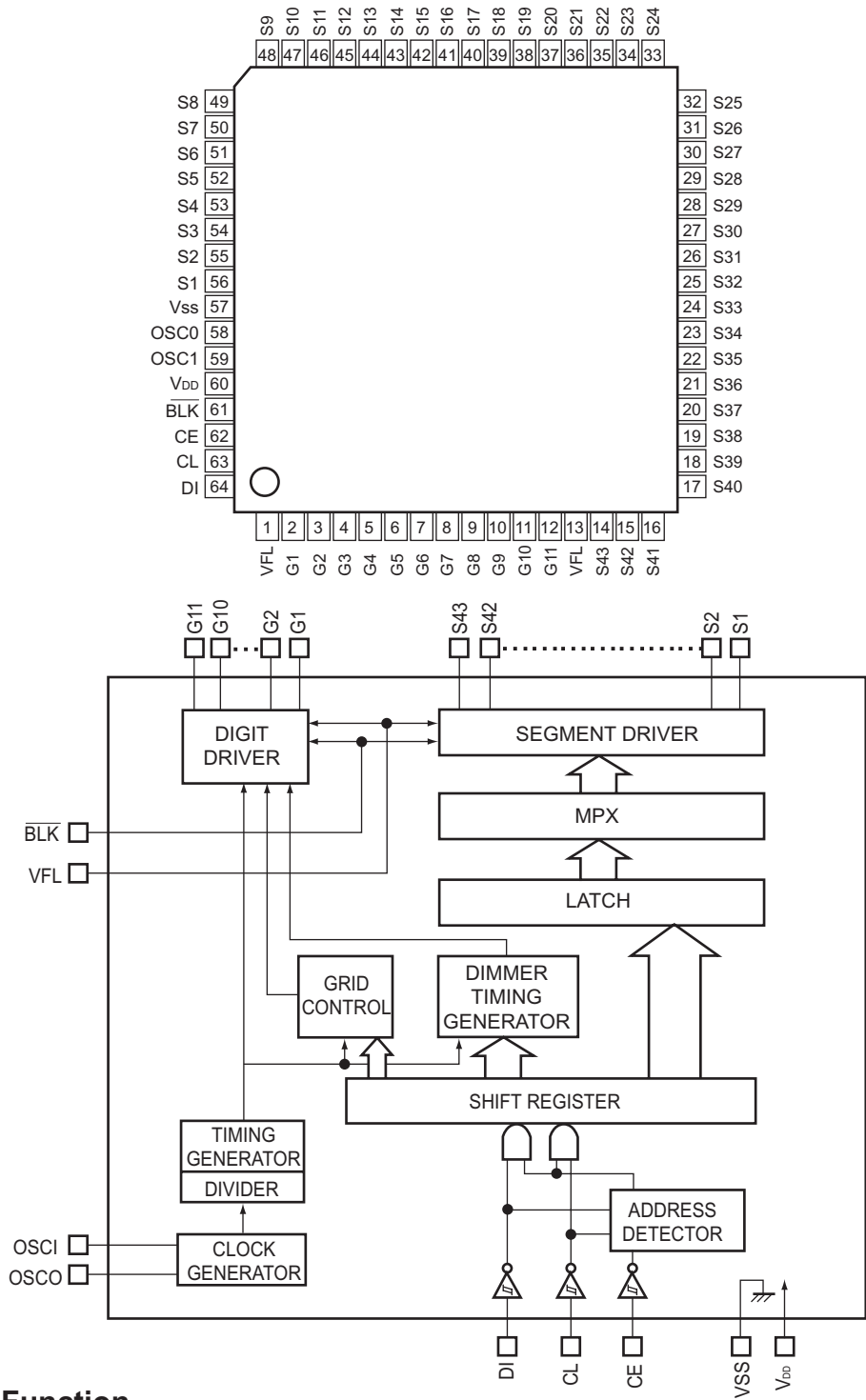
KA78L08AZ (SM: IC93)



KA79L08AZ (MA: IC17)



LC75725E(FR:IC91)

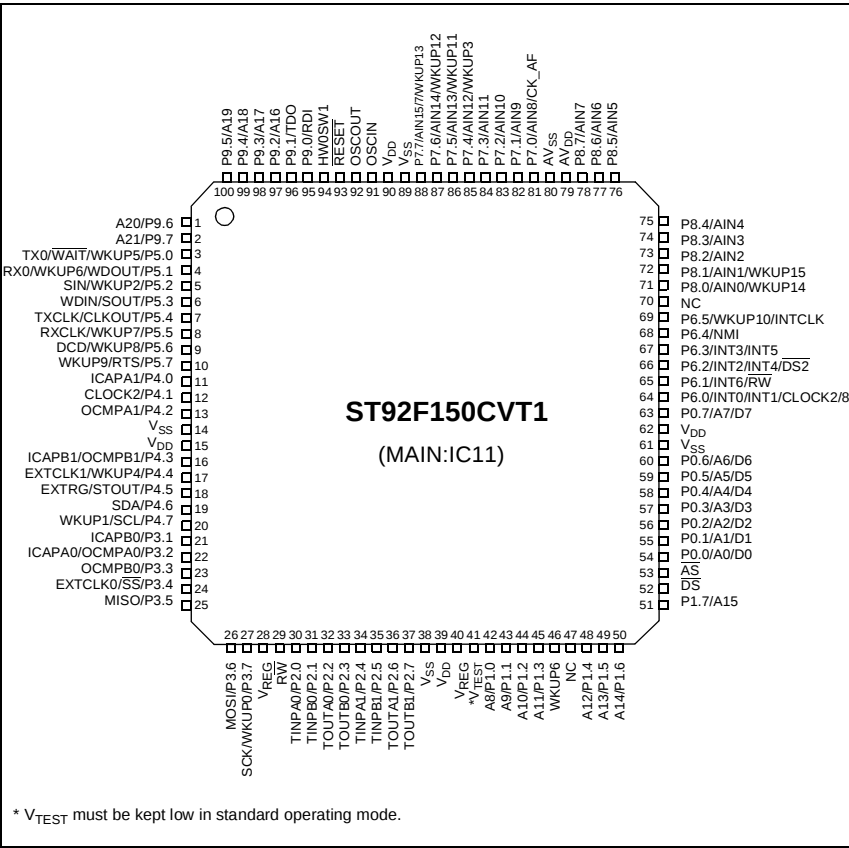


Terminal Function

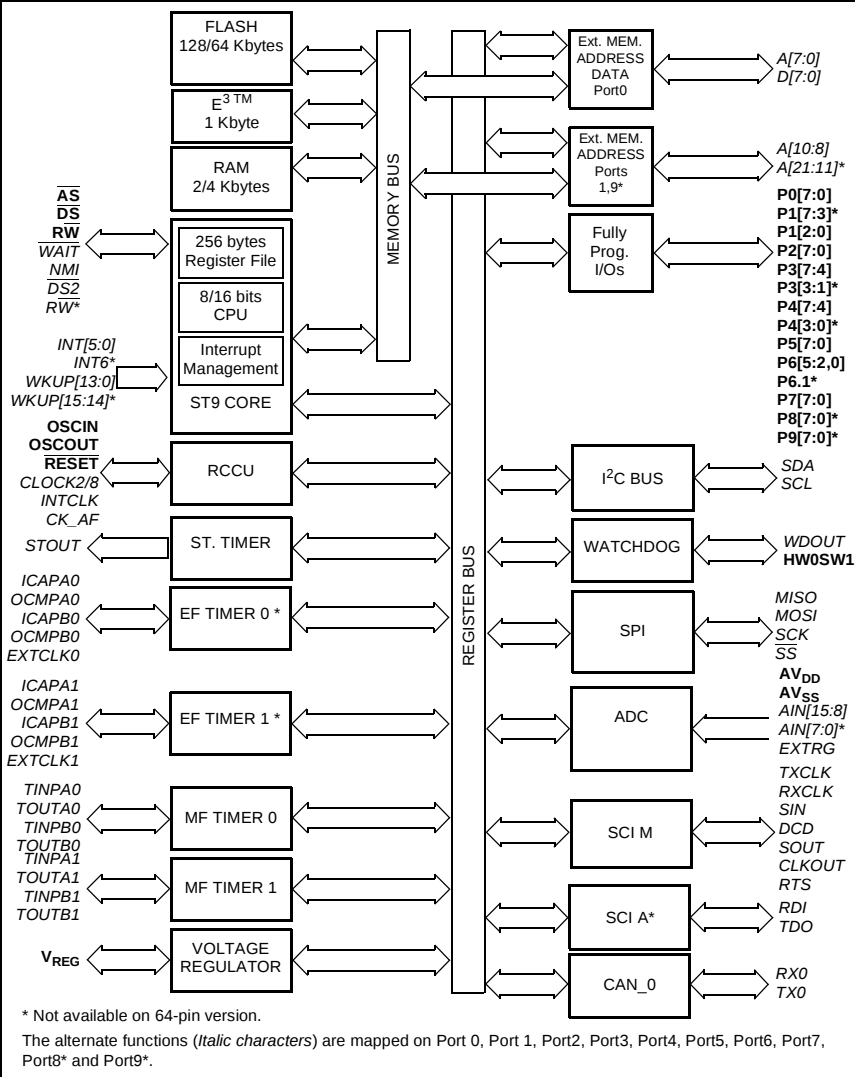
Pin No.	I/O	Name	Function
1,13	-	VFL	Power supply pin to driver block
2~12	O	G1~G11	Digit output pin
14~56	O	S1~S43	Segment output pin
57	-	Vss	power supply pin
58	O	OSCO	Pin for oscillator
59	I	OSCI	Pin for oscillator
60	-	VDD	Power supply pin to logic block
61	I	BLK	Display off input pin
62	I	CE	Input for serial data transfer
63	I	CL	CE : Chip enable CL : Sync clock
64	I	DI	DI : Transfer data

ST92F150CVT1(MAIN:IC11)

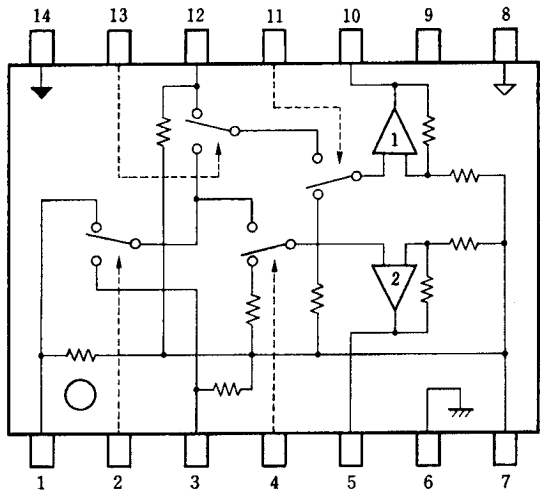
Pin Configuration (Top-view TQFP100)



Architectural Block Diagram

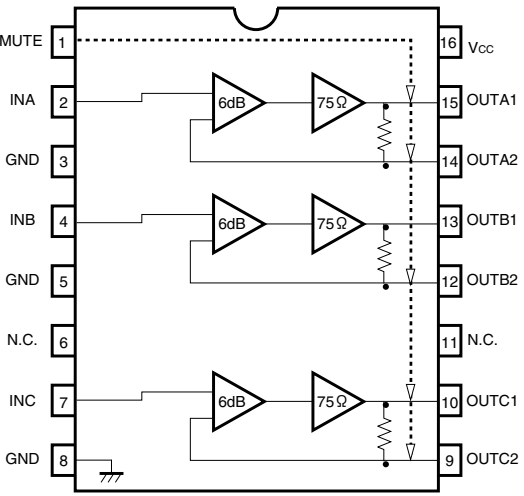


NJM2279(MAIN:IC13)



- ピン配置
- | | |
|----------|--------------------|
| 1. Vin3 | 8. V ⁺ |
| 2. SW1 | 9. N.C. |
| 3. Vin2 | 10. Vout1 |
| 4. MUTE2 | 11. MUTE1 |
| 5. Vout2 | 12. Vin1 |
| 6. GND2 | 13. SW2 |
| 7. GND1 | 14. V ⁻ |

BA7660F(MAIN:IC12)



MUTE (1pin)

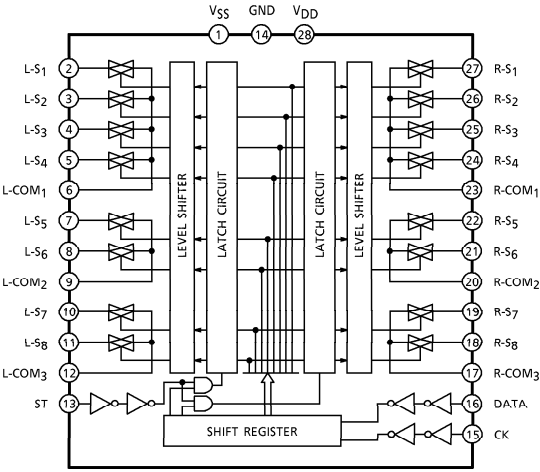
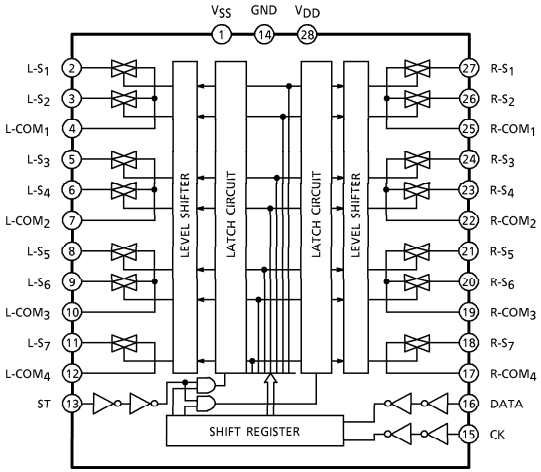
H	3ch MUTE
L	NORMAL

TC9162AN/AF(AMP:IC59)

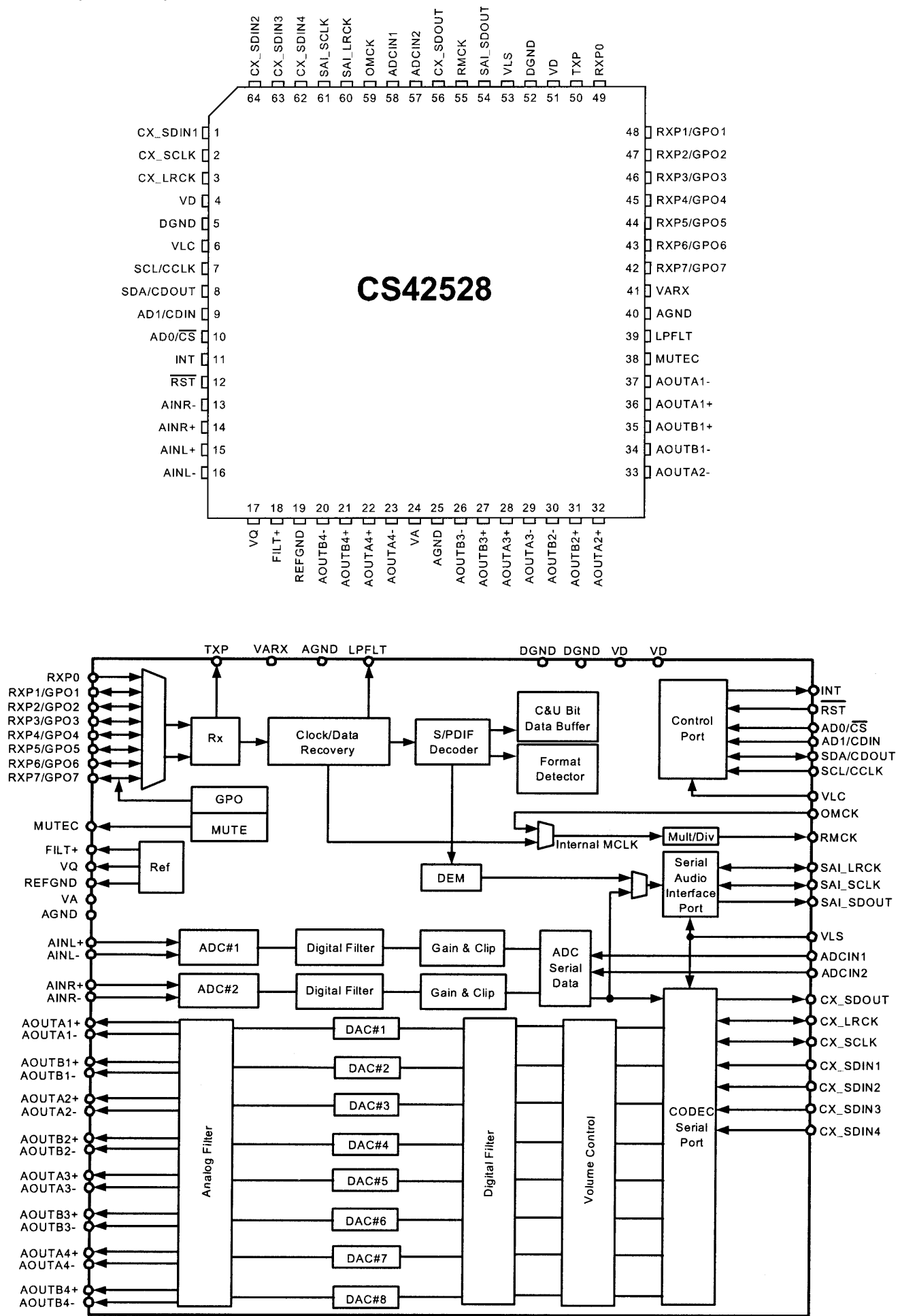
- | | | | |
|--------------------|----|----|--------------------|
| V _{SS} | 1 | 28 | V _{DD} |
| L-S ₁ | 2 | 27 | R-S ₁ |
| L-S ₂ | 3 | 26 | R-S ₂ |
| L-COM ₁ | 4 | 25 | R-COM ₁ |
| L-S ₃ | 5 | 24 | R-S ₃ |
| L-S ₄ | 6 | 23 | R-S ₄ |
| L-COM ₂ | 7 | 22 | R-COM ₂ |
| L-S ₅ | 8 | 21 | R-S ₅ |
| L-S ₆ | 9 | 20 | R-S ₆ |
| L-COM ₃ | 10 | 19 | R-COM ₃ |
| L-S ₇ | 11 | 18 | R-S ₇ |
| L-COM ₄ | 12 | 17 | R-COM ₄ |
| ST | 13 | 16 | DATA |
| GND | 14 | 15 | CK |

TC9164AN/AF(MAIN:IC14)

- | | | | |
|--------------------|----|----|--------------------|
| V _{SS} | 1 | 28 | V _{DD} |
| L-S ₁ | 2 | 27 | R-S ₁ |
| L-S ₂ | 3 | 26 | R-S ₂ |
| L-S ₃ | 4 | 25 | R-S ₃ |
| L-S ₄ | 5 | 24 | R-S ₄ |
| L-COM ₁ | 6 | 23 | R-COM ₁ |
| L-S ₅ | 7 | 22 | R-S ₅ |
| L-S ₆ | 8 | 21 | R-S ₆ |
| L-COM ₂ | 9 | 20 | R-COM ₂ |
| L-S ₇ | 10 | 19 | R-S ₇ |
| L-S ₈ | 11 | 18 | R-S ₈ |
| L-COM ₃ | 12 | 17 | R-COM ₃ |
| ST | 13 | 16 | DATA |
| GND | 14 | 15 | CK |

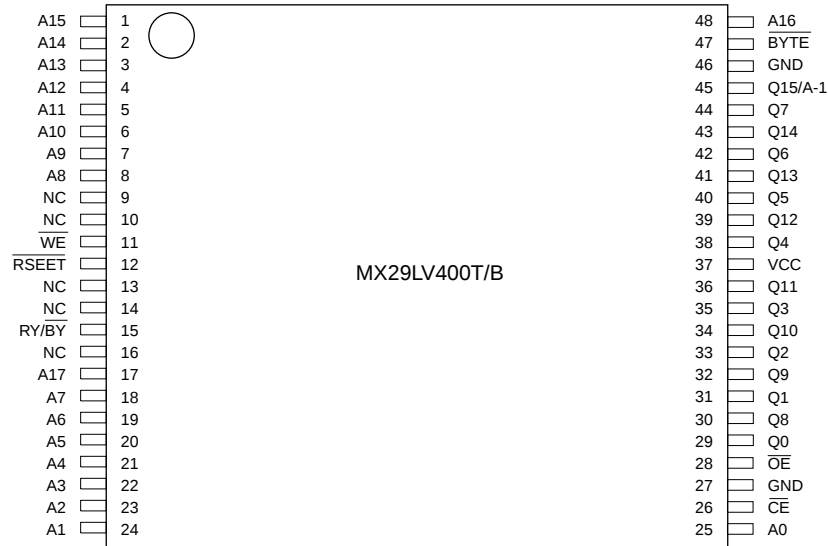


CS42528(DSP:IC51)

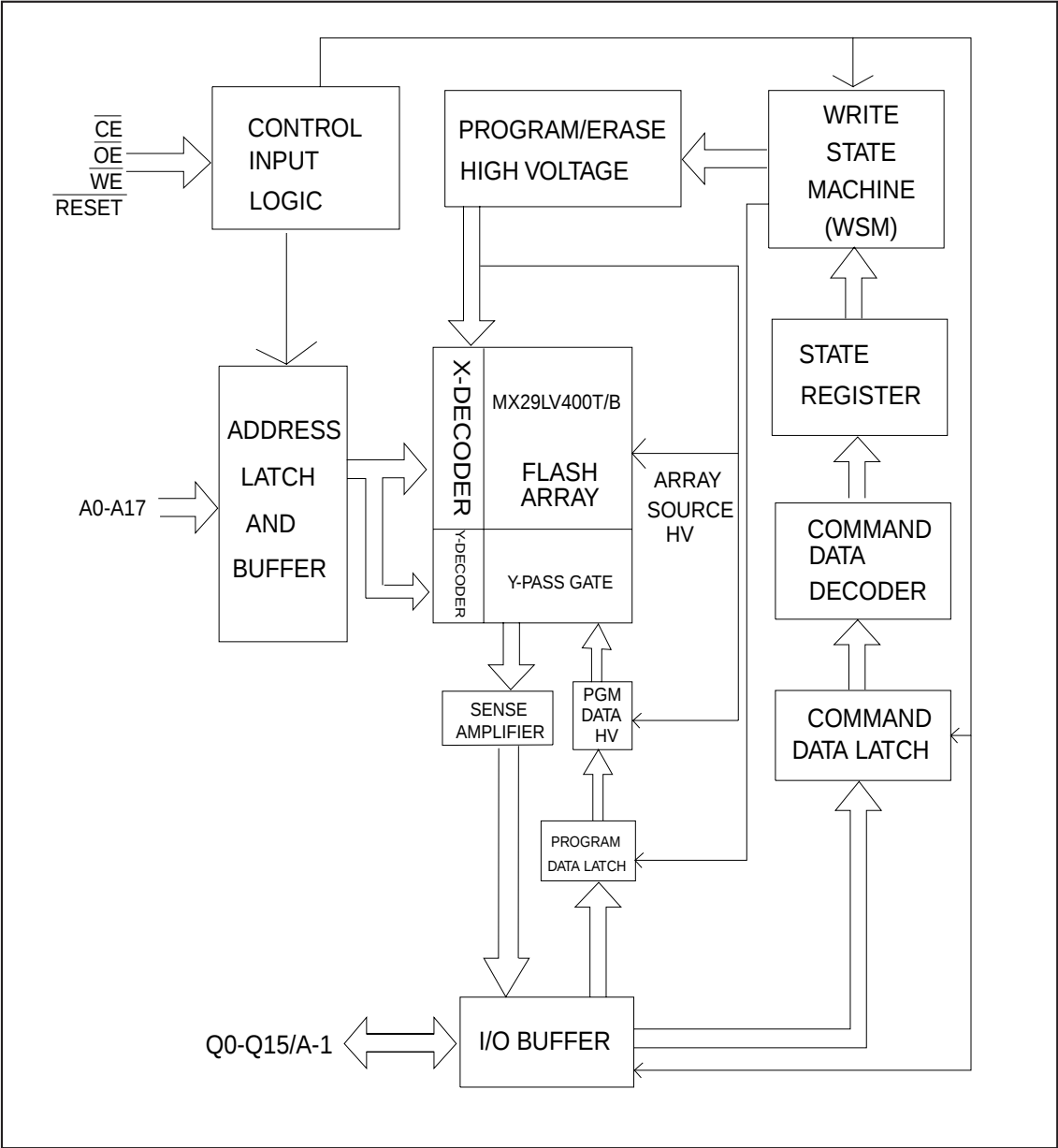


MX29LV400T/B(DSP:IC53)

48 TSOP (Standard Type) (12mm x 20mm)

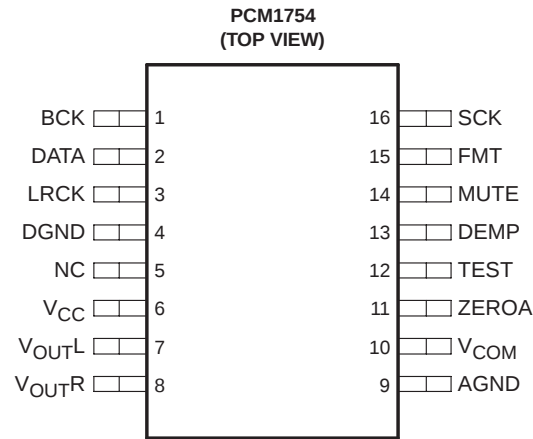


BLOCK DIAGRAM

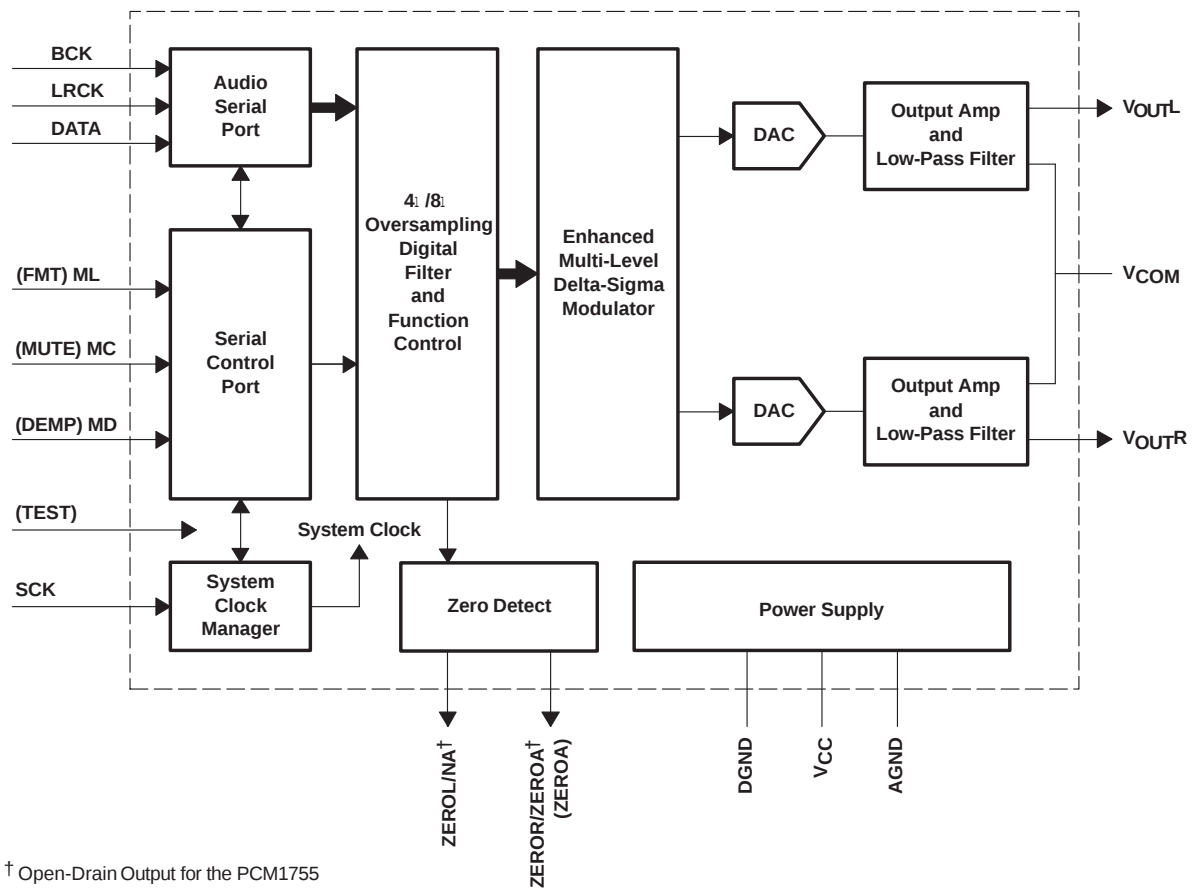


PCM1754(DSP:IC55)

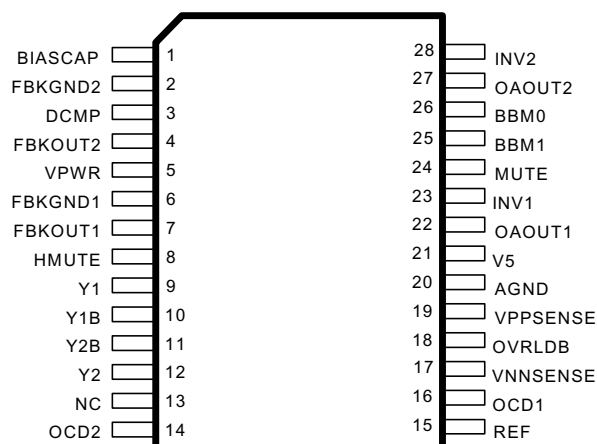
PIN ASSIGNMENTS



FUNCTIONAL BLOCK DIAGRAM



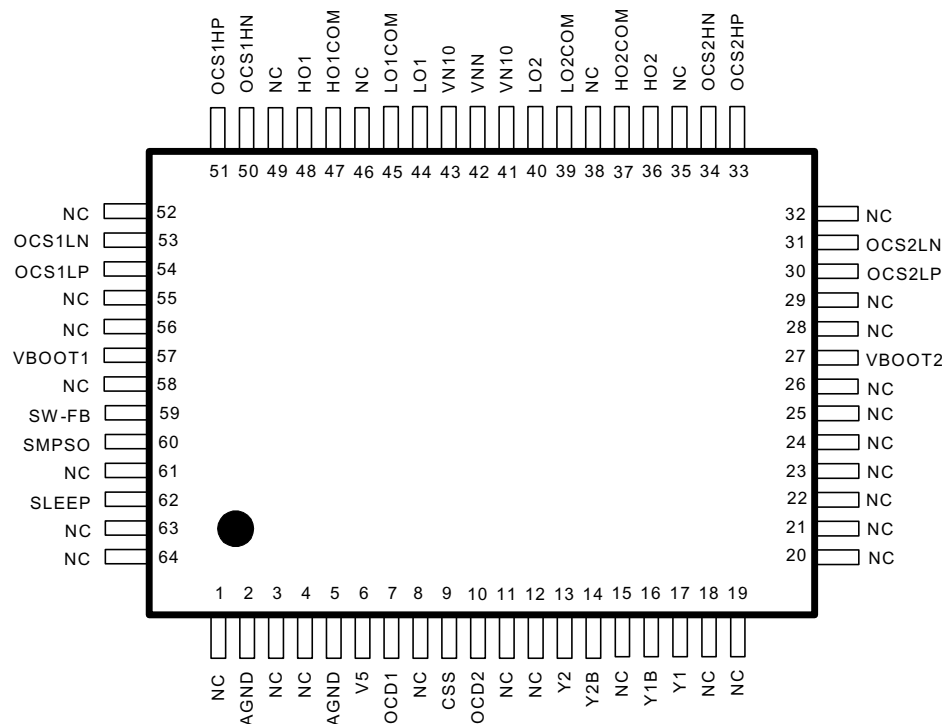
TC2001(AMP:IC52,62,72)



TC2001 Audio Signal Processor Pin Descriptions

Pin	Function	Description
1	BIASCAP	Bandgap reference times two (typically 2.5VDC). Used to set the common mode voltage for the input op amps. This pin is not capable of driving external circuitry.
2, 6	FBKGND2, FBKGND1	Ground Kelvin feedback (Channels 1 & 2)
3	DCMP	Internal mode selection. This pin must be grounded for proper device operation.
4, 7	FBKOUT2, FBKOUT1	Switching feedback (Channels 1 & 2)
5	VPWR	Test pin. Must be left floating.
8	HMUTE	Logic output. A logic high indicates both amplifiers are muted, due to the mute pin state, or a "fault".
9, 12	Y1, Y2	Non-inverted switching modulator outputs.
10, 11	Y1B, Y2B	Inverted switching modulator outputs.
13	NC	No connect
14	OCD2	Over Current Detect input.
15	REF	Internal bandgap reference voltage; approximately 1.2 VDC.
16	OCD1	Over Current Detect input.
17	VNNSENSE	Negative supply voltage sense input. This pin is used for both over and under voltage sensing for the VNN supply.
18	OVRldb	A logic low output indicates the input signal has overloaded the amplifier.
19	VPPSENSE	Positive supply voltage sense input. This pin is used for both over and under voltage sensing for the VPP supply.
20	AGND	Ground.
21	V5	5 Volt power supply input.
22, 27	OAOUT1, OAOUT2	Input stage output pins.
23, 28	IN1, IN2	Single-ended inputs. Inputs are a "virtual" ground of an inverting opamp with approximately 2.4VDC bias.
24	MUTE	When set to logic high, both amplifiers are muted and in idle mode. When low (grounded), both amplifiers are fully operational. If left floating, the device stays in the mute mode. Ground if not used.
25, 26	BBM1, BBM0	Break-before-make timing control to prevent shoot-through in the output MOSFETs.

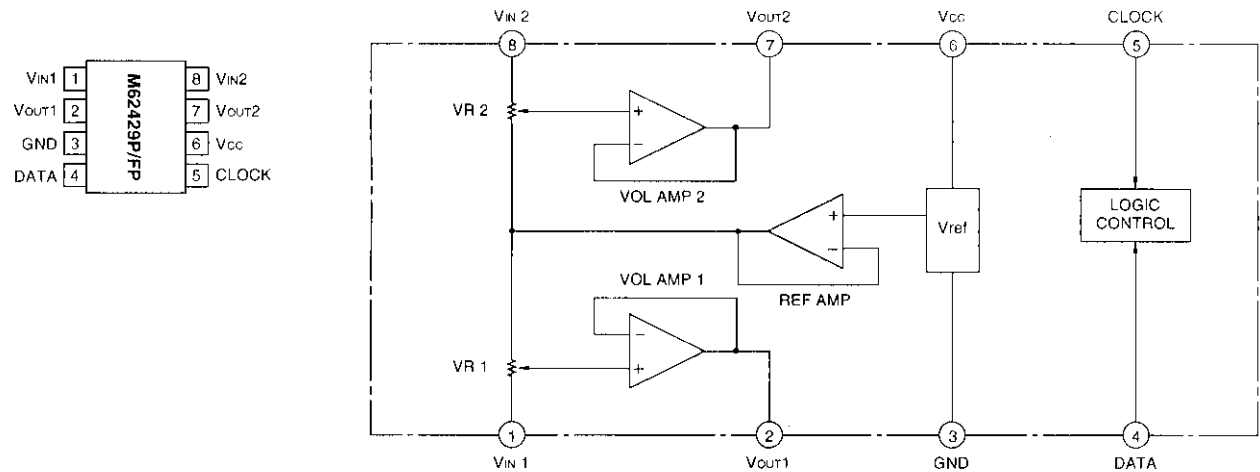
TP2150B(AMP:IC53,63,73)



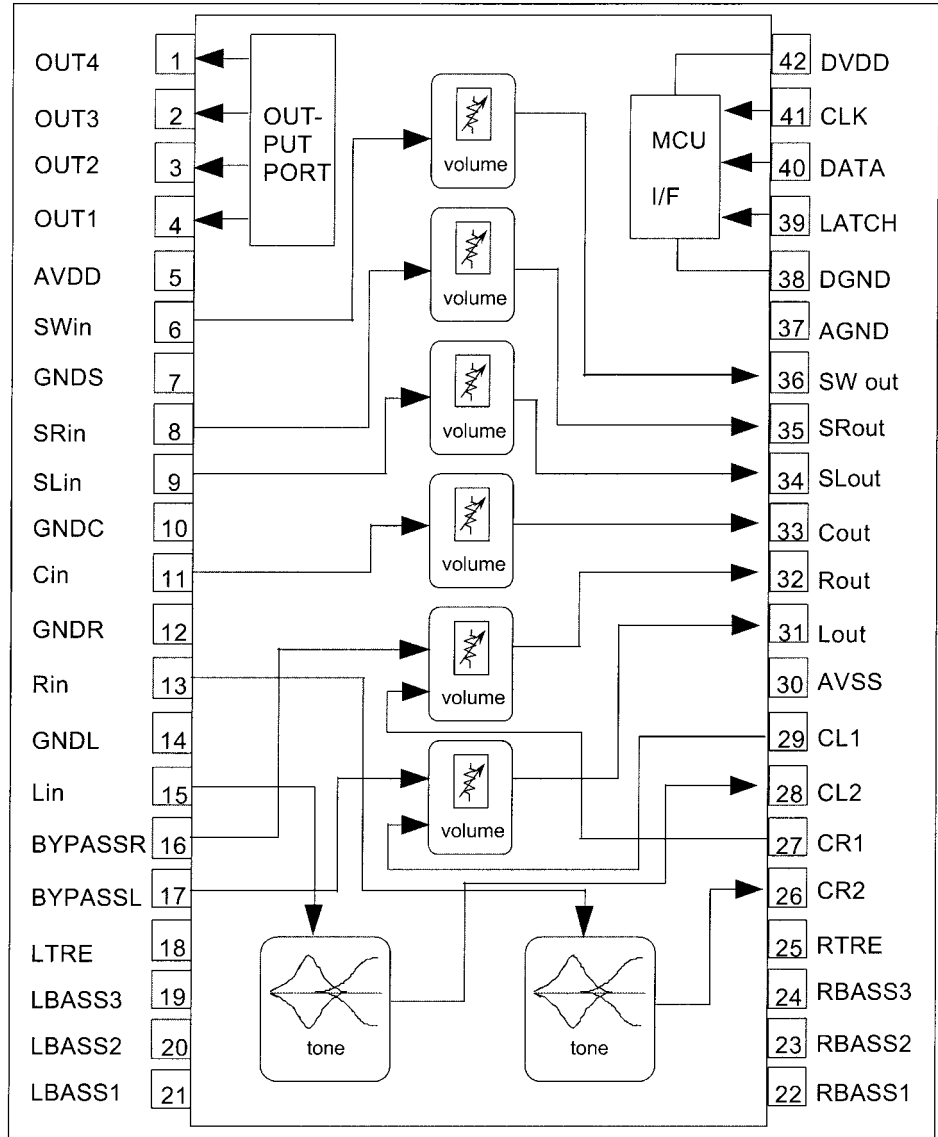
TP2150B Pin Description

Pin	Function	Description
2,5	AGND	Analog ground.
6	V5	5V power supply input.
7	OCD1	Over-current threshold output (Channel 1)
9	CSS	Soft startup for VN10 controller, this pin should be tied to V5
10	OCD2	Over-current threshold output (Channel 2)
13,17	Y2, Y1	Non-inverted switching modulator inputs
14,16	Y2B, Y1B	Inverted switching modulator inputs
27,57	VBOOT2, VBOOT1	Bootstrapped voltage to supply drive to gate of high-side FET (Channel 2 & 1)
30,31	OCS2LP, OCS2LN	Over Current Sense inputs, Channel 2 low-side
33,34	OCS2HP, OCS2HN	Over Current Sense inputs, Channel 2 high-side
36,48	HO2, HO1	High side gate drive output (Channel 2 & 1)
37,47	HO2COM, HO1COM	Kelvin connection to source of high-side transistor (Channel 2 & 1)
39,45	LO2COM, LO1COM	Kelvin connection to source of low-side transistor (Channel 2 & 1)
40,44	LO2, LO1	Low side gate drive output (Channel 2 & 1)
41,43	VN10	"Floating" supply input for the FET drive circuitry. This voltage must be stable and referenced to VNN.
42	VNN	Negative supply voltage.
50,51	OCS1HN, OCS1HP	Over Current Sense inputs, Channel 1 high-side
53,54	OCS1LN , OCS1LP	Over Current Sense inputs, Channel 1 low-side
59	SW-FB	Feedback for regulating switching power supply output for VN10
60	SMPSO	Switching power supply output for VN10
62	SLEEP	This pin is active high. Tie this pin to GND for normal operation. Tie this pin to +5V to place the part in sleep mode.
1,3,4,8, 11,12,15, 18,19,20, 21,22,23, 24,25,26, 28,31,32, 35,38,46, 49,52,53, 56,58,61, 63,64	NC	Not connected (bonded) internally. Please refer to the Application/Test circuit for details on the how to connect these pins.

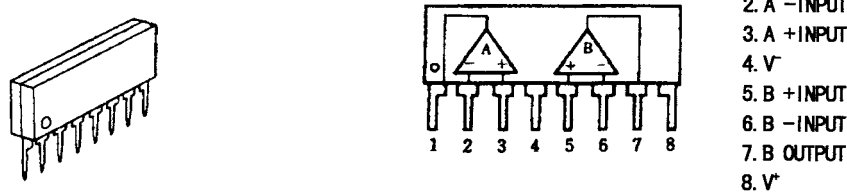
M62429FP(AMP:IC88)



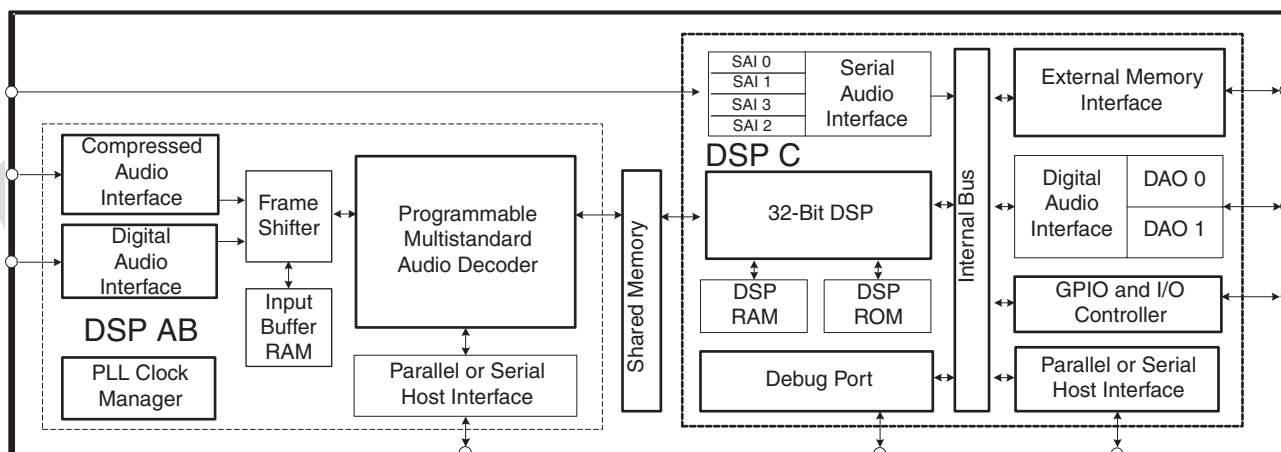
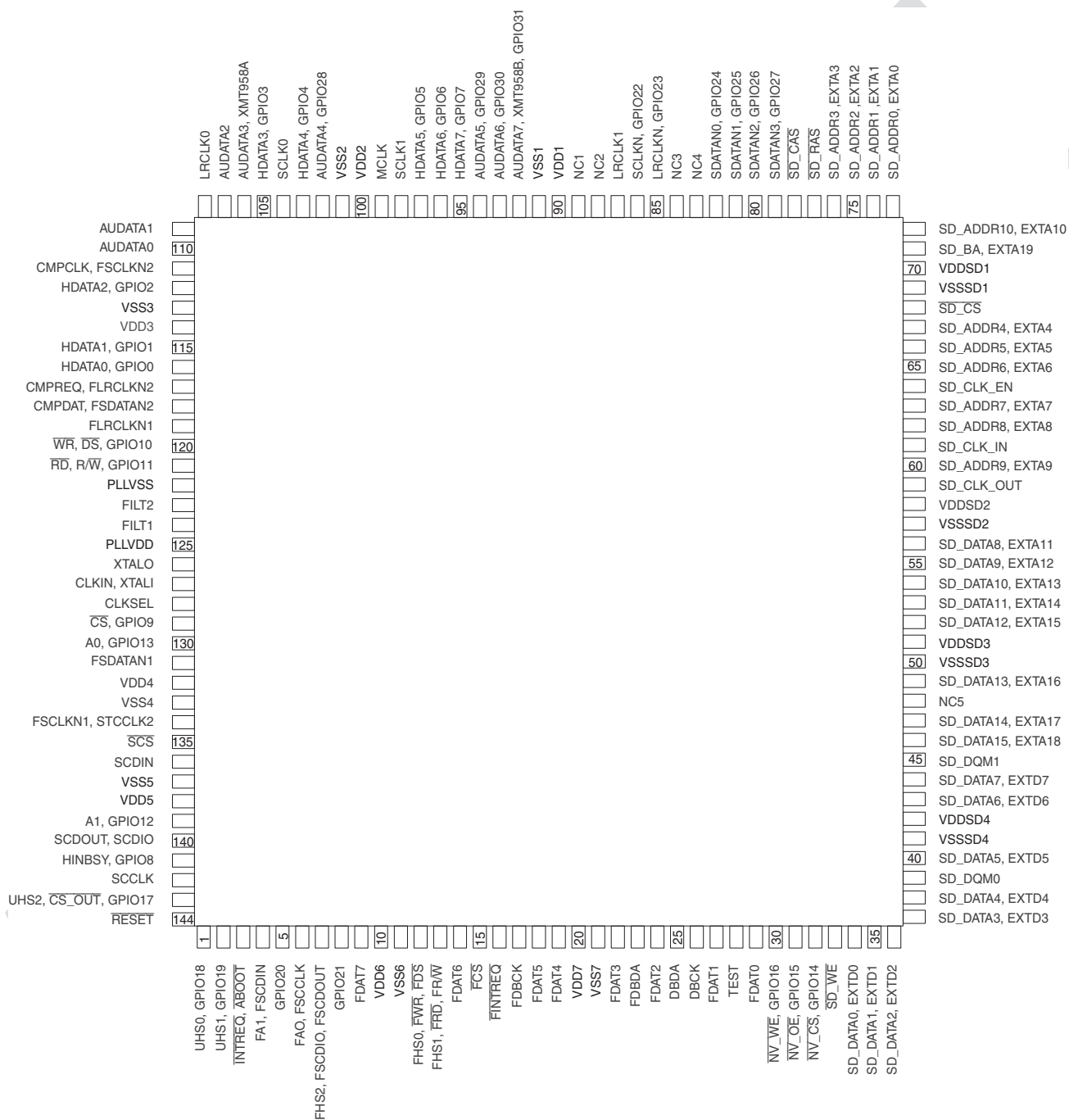
M62446AFP(AMP:IC58)



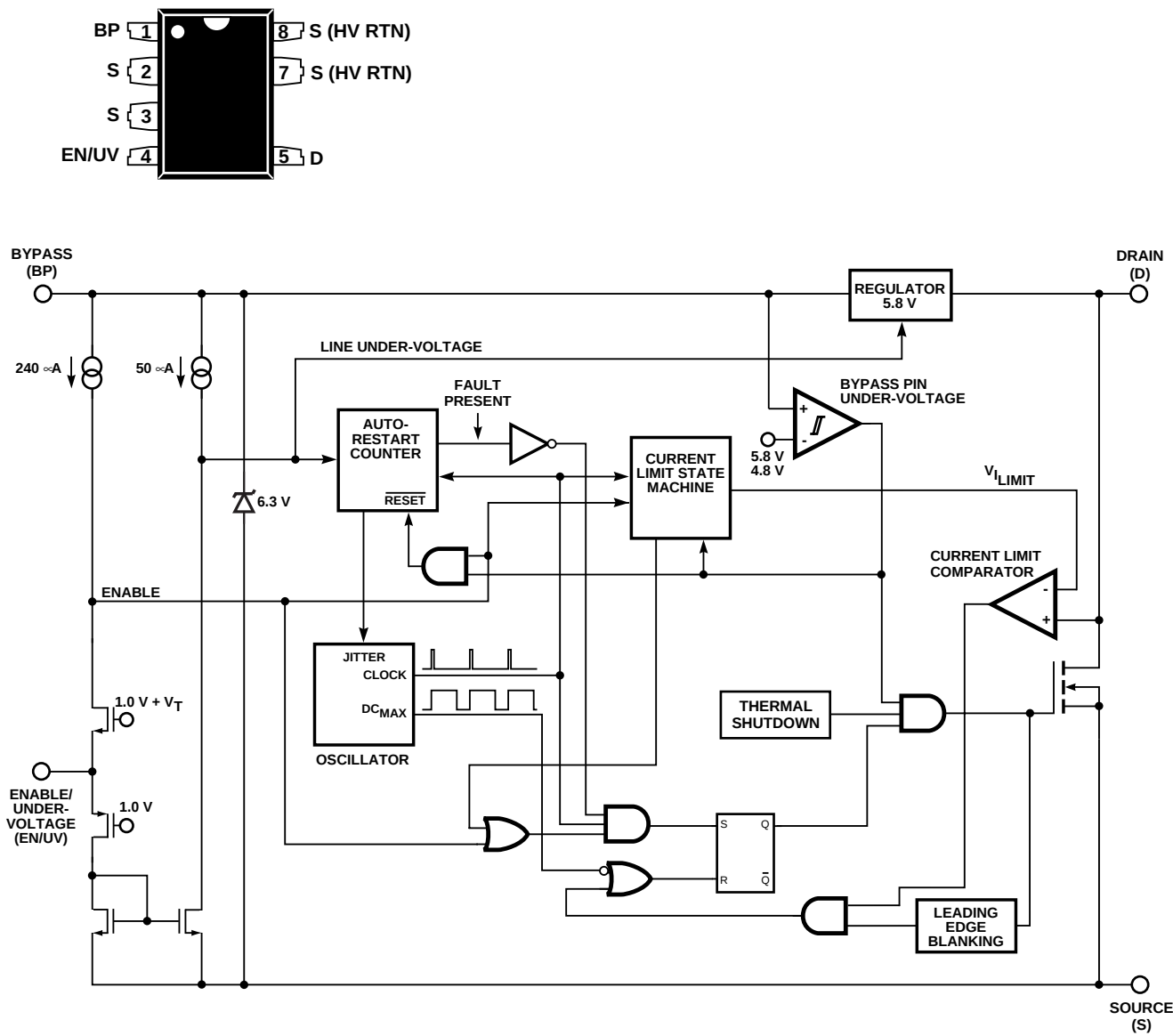
M4556AL(AMP:IC78)



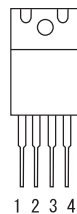
CS494003 (DS:IC31)



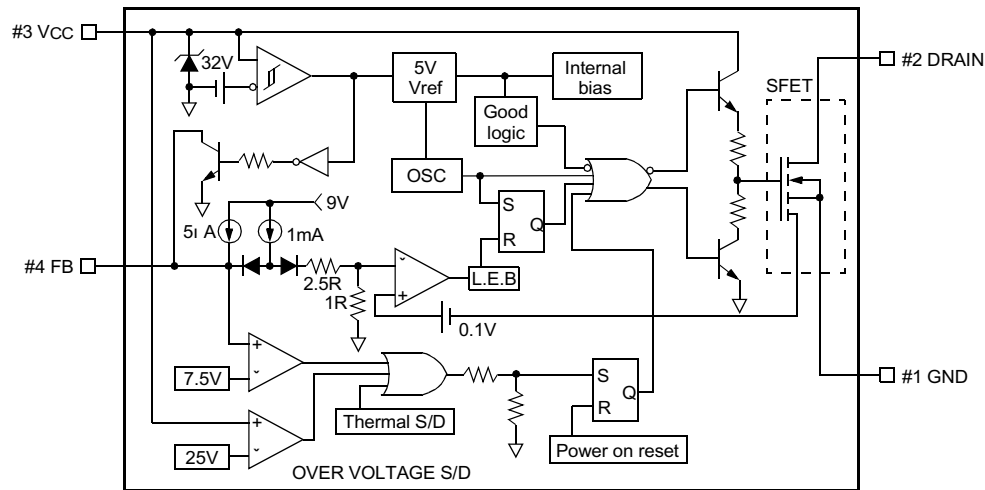
TNY266 (SM:IC81)



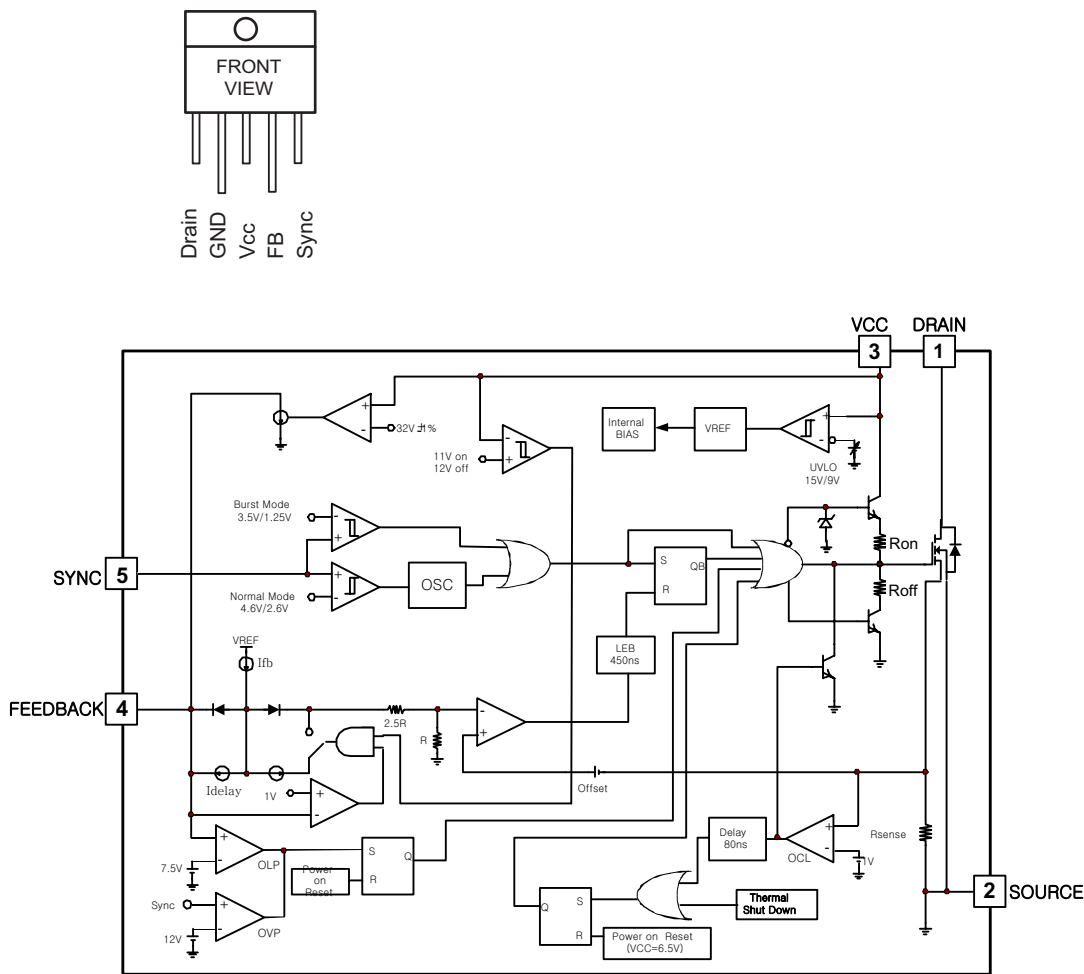
KA1M0565R (SM:IC95)



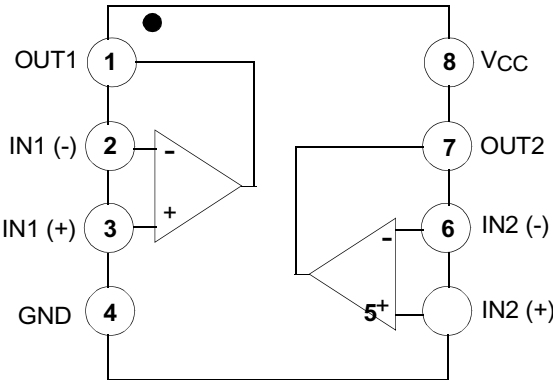
1. GND 2. DRAIN 3. VCC 4. FB



KA5Q1565RF (SM:IC96,97),

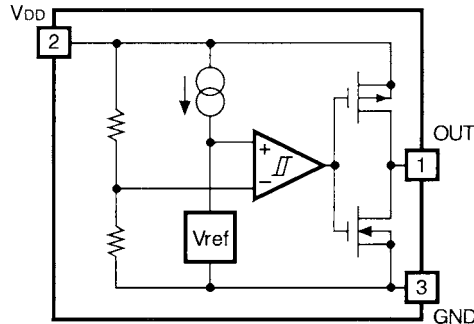


KA358A (SM:IC82)

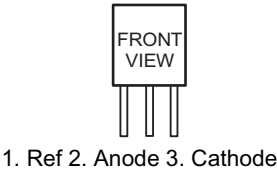
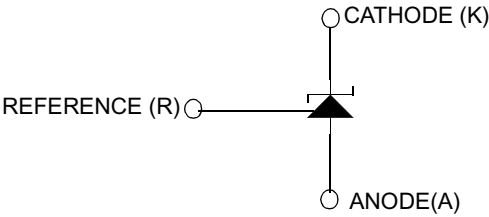


RE5VL28CATZ (MA:IC18)

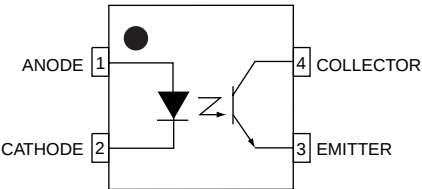
• CMOS Output



KA431A (SM:IC90,91,92,94)



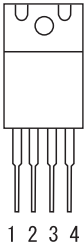
H11A817B (PC91~96)



STL7805 (MA:IC18)

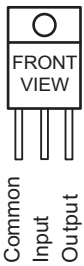


KA278R12C (SM:IC99,FR:IC92)



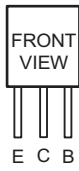
- PIN FUNCTION
- 1. IN
 - 2. OUT
 - 3. GND
 - 4. ON/OFF CONTROL
- "H" or OPEN : ON
"L" : OFF

NJM7912FA (SM:IC98)

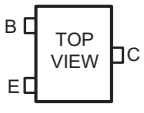


● TRANSISTORS

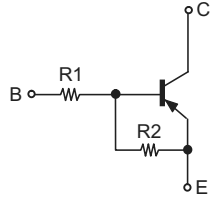
2SB1151Y
2SD1691Y
2SC2785
2SA1274
2SB8811
2SC2316



DTC114TK
KRA102S
KRC102S
2SD1304
KRC107S
KTA3875S
KTA1504S

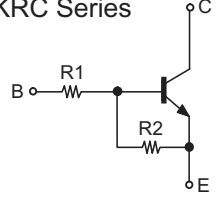


KRA Series



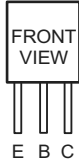
	R1	R2
KRA102S	10Kohm	10Kohm

DTC Series
KRC Series

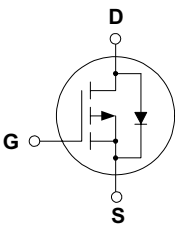


	R1	R2
KRC107M	10Kohm	47Kohm
DTC114TK	10Kohm	—
KRC102S	10Kohm	10Kohm

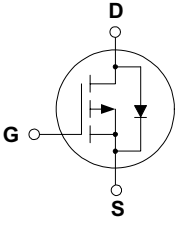
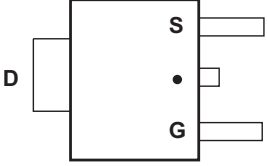
2SA708
2SC1008



FQPF13N10 (AM:Q561~564,Q661~664,Q761~764)

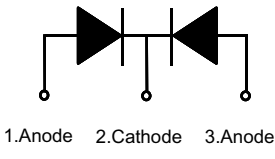
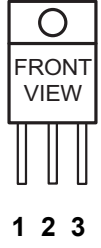


FQD5P10 (AM557,657,757)

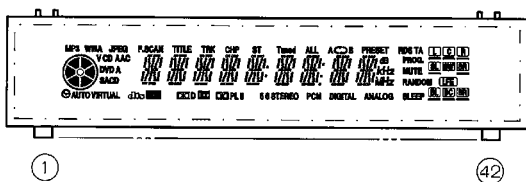


● DIODE

FFP10U20DN (SM:D911,912)



● **FL DISPLAY 11-BT-230GN/K (FL91)**

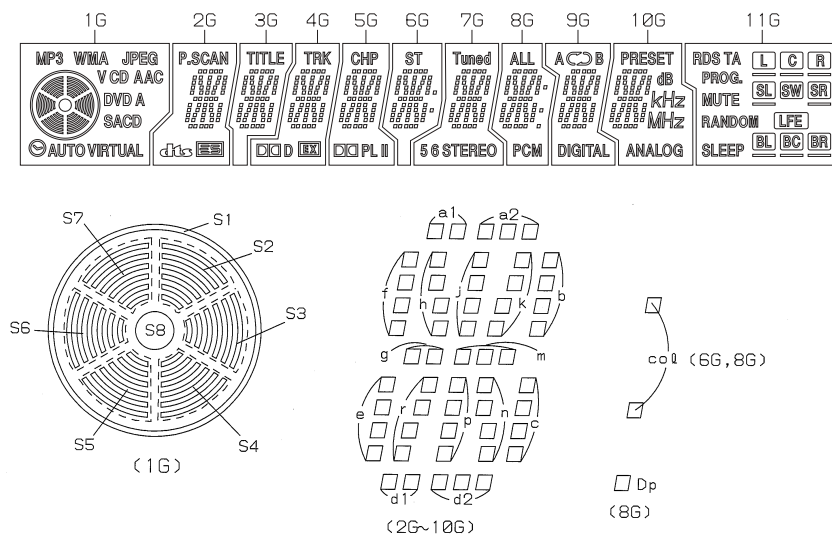


PIN CONNECTION

[illegible]

NOTE 1) F-,F+ --- Filament
2) NP ----- No pin
3) DL ----- Datum Line
4) 1G~11G --- Grid
5) NX ----- No extend pin
6) Solder composition is Sn-3Ag-0.5Cu.

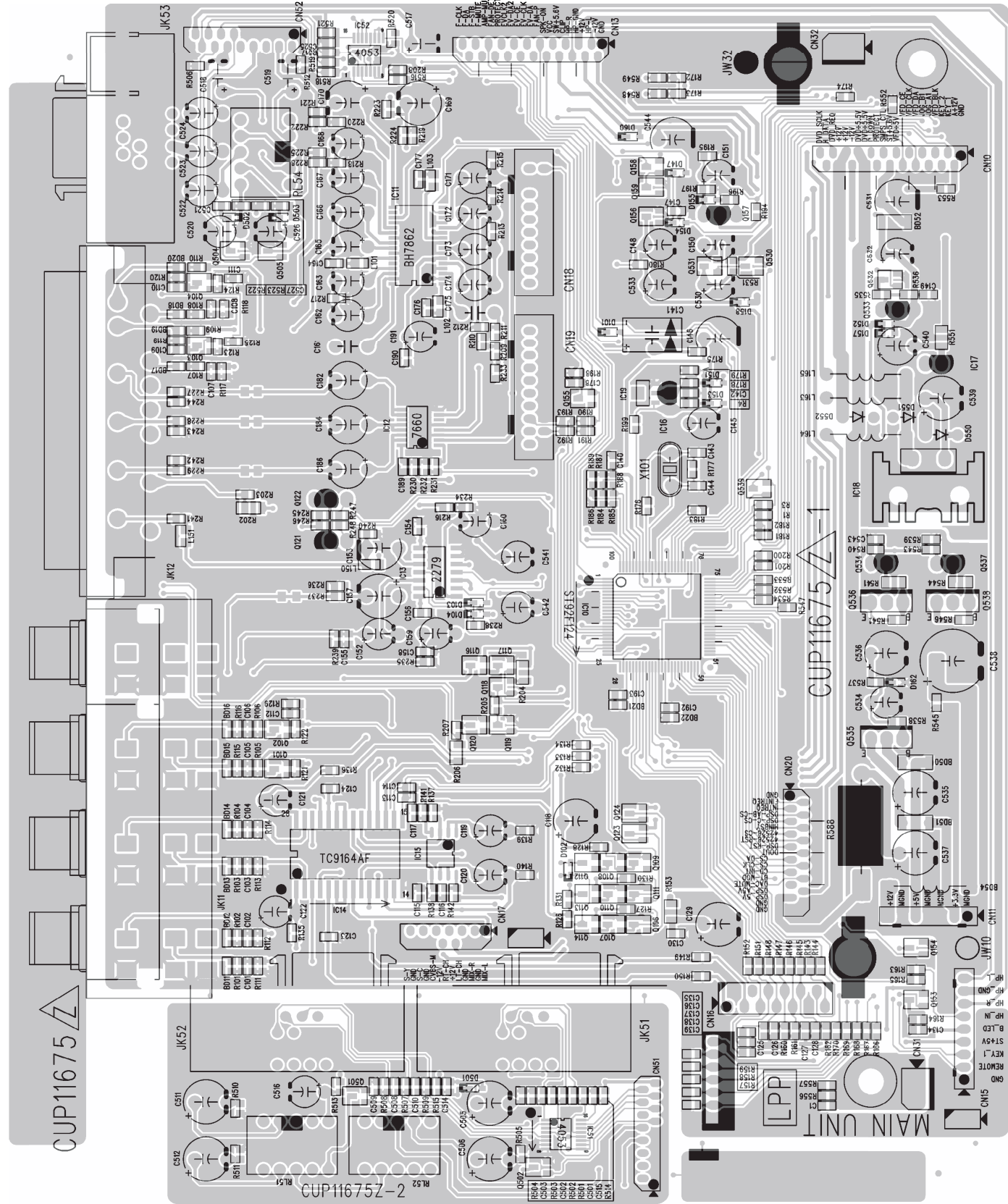
GRID ASSIGNMENT



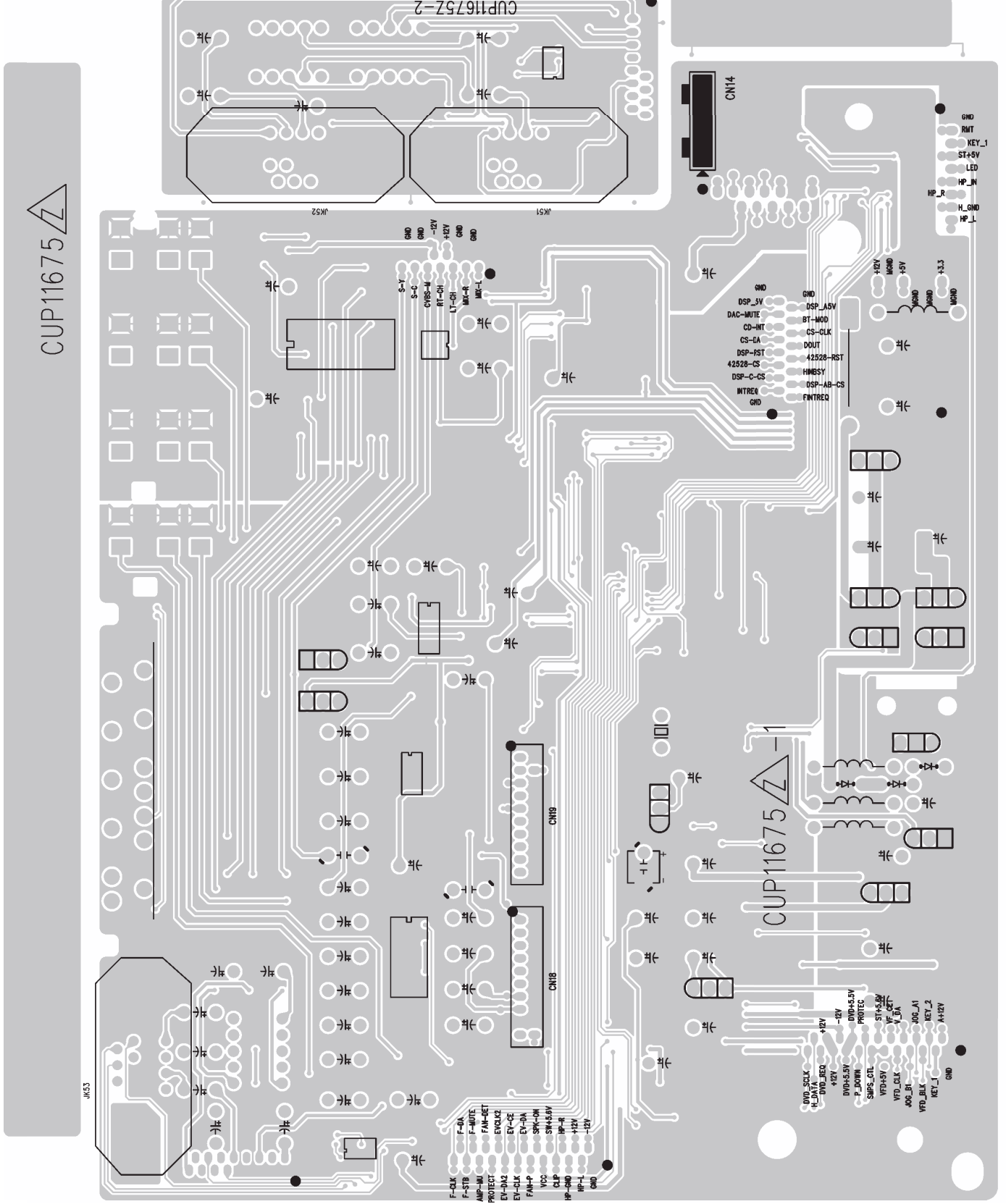
ANODE CONNECTION

	1G	2G	3G	4G	5G	6G	7G	8G	9G	10G	11G
P1	MP3	P.SCAN	TITLE	TRK	CHP	ST	Tuned	ALL	A	PRESET	RDS
P2	WMA	-	-	-	-	-	-	-		dB	TA
P3	JPEG	f	f	f	f	f	f	f	f	f	
P4	S1	a1	a1	a1	a1	a1	a1	a1	a1	a1	
P5	S2	a2	a2	a2	a2	a2	a2	a2	a2	a2	(L) (R)
P6	S3	h	h	h	h	h	h	h	h	h	
P7	S4	j	j	j	j	j	j	j	j	j	(C)
P8	S5	k	k	k	k	k	k	k	k	k	
P9	S6	b	b	b	b	b	b	b	b	b	
P10	S7	m	m	m	m	m	m	m	m	m	(SL) (SR)
P11	S8	g	g	g	g	g	g	g	g	g	
P12	V	e	e	e	e	e	e	e	e	e	PROG.
P13	CD	r	r	r	r	r	r	r	r	r	MUTE
P14	AAC	p	p	p	p	p	p	p	p	p	RANDOM
P15	DVD	n	n	n	n	n	n	n	n	n	SLEEP
P16	A	c	c	c	c	c	c	c	c	c	
P17	SACD	d1	d1	d1	d1	d1	d1	d1	d1	d1	
P18		d2	d2	d2	d2	d2	d2	d2	d2	d2	
P19	AUTO		-	DICD	DICPL	col	5	col	B	kHz	(BL) (BR)
P20	VIRTUAL		-		II	-	6	Dp	-	MHz	
P21	-	-	-	-	-	-	STEREO	PCM	DIGITAL	ANALOG	(BC)

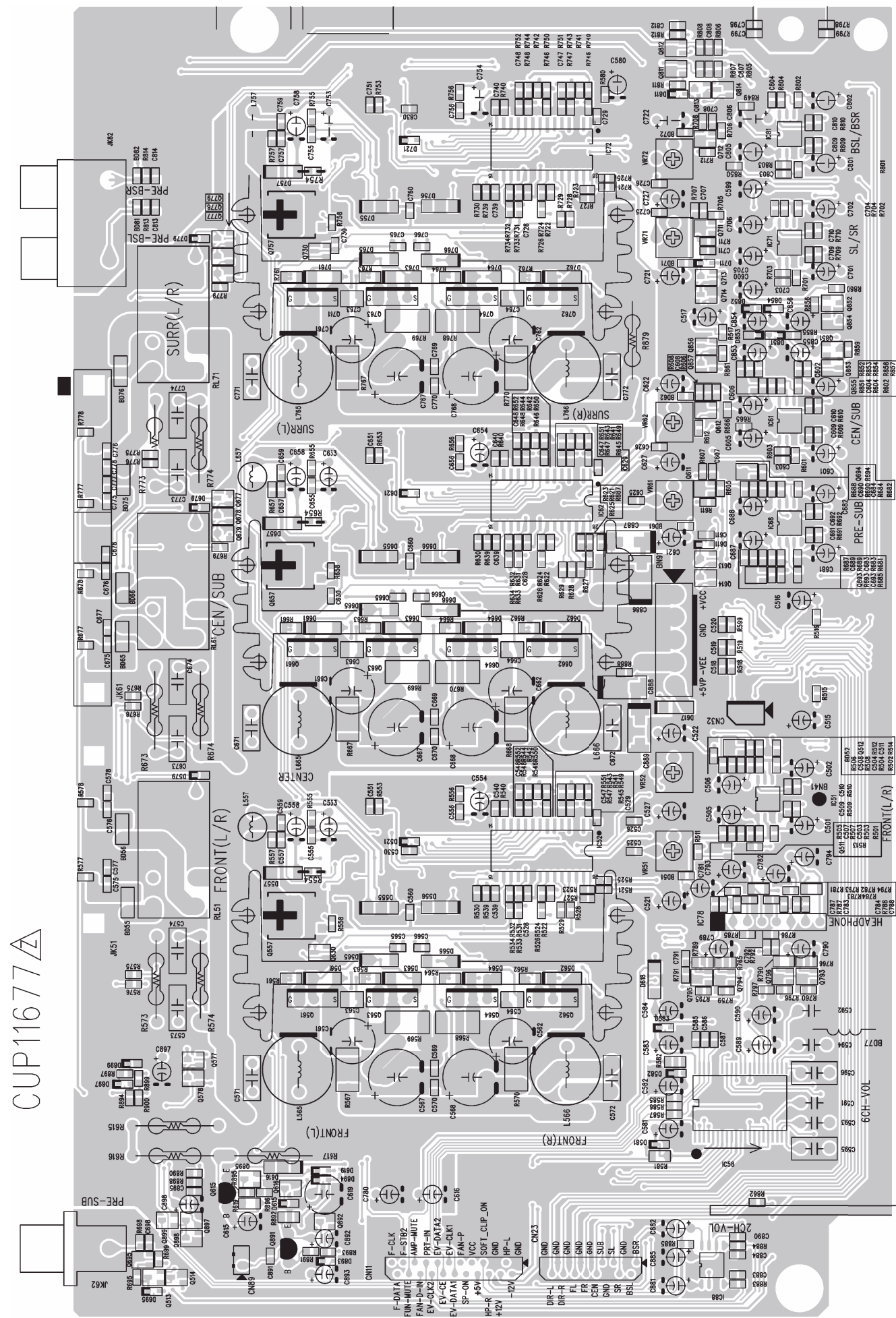
MAIN P.W.B. UNIT ASS'Y COMPONENT SIDE



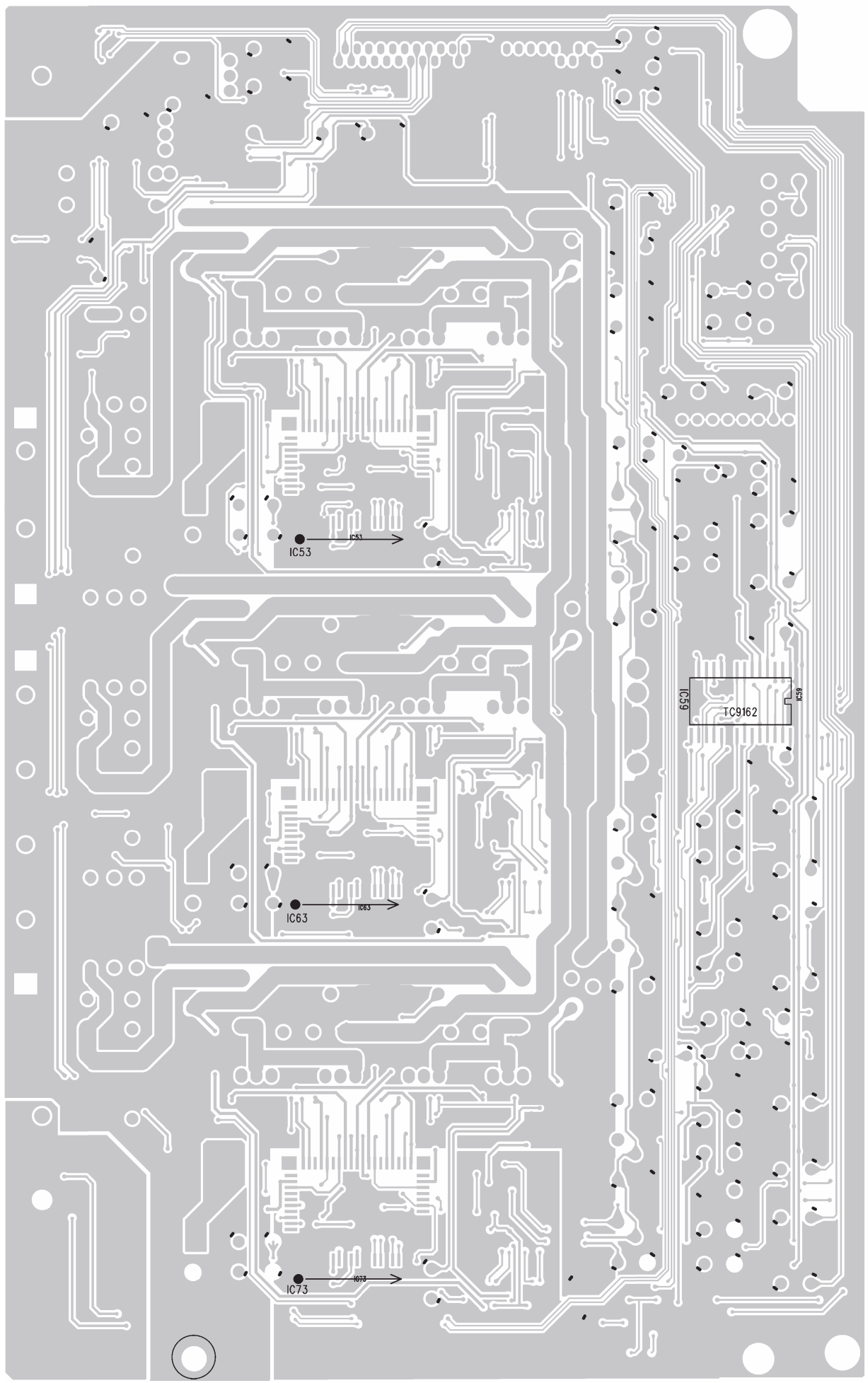
MAIN P.W.B. UNIT ASS'Y FOIL SIDE



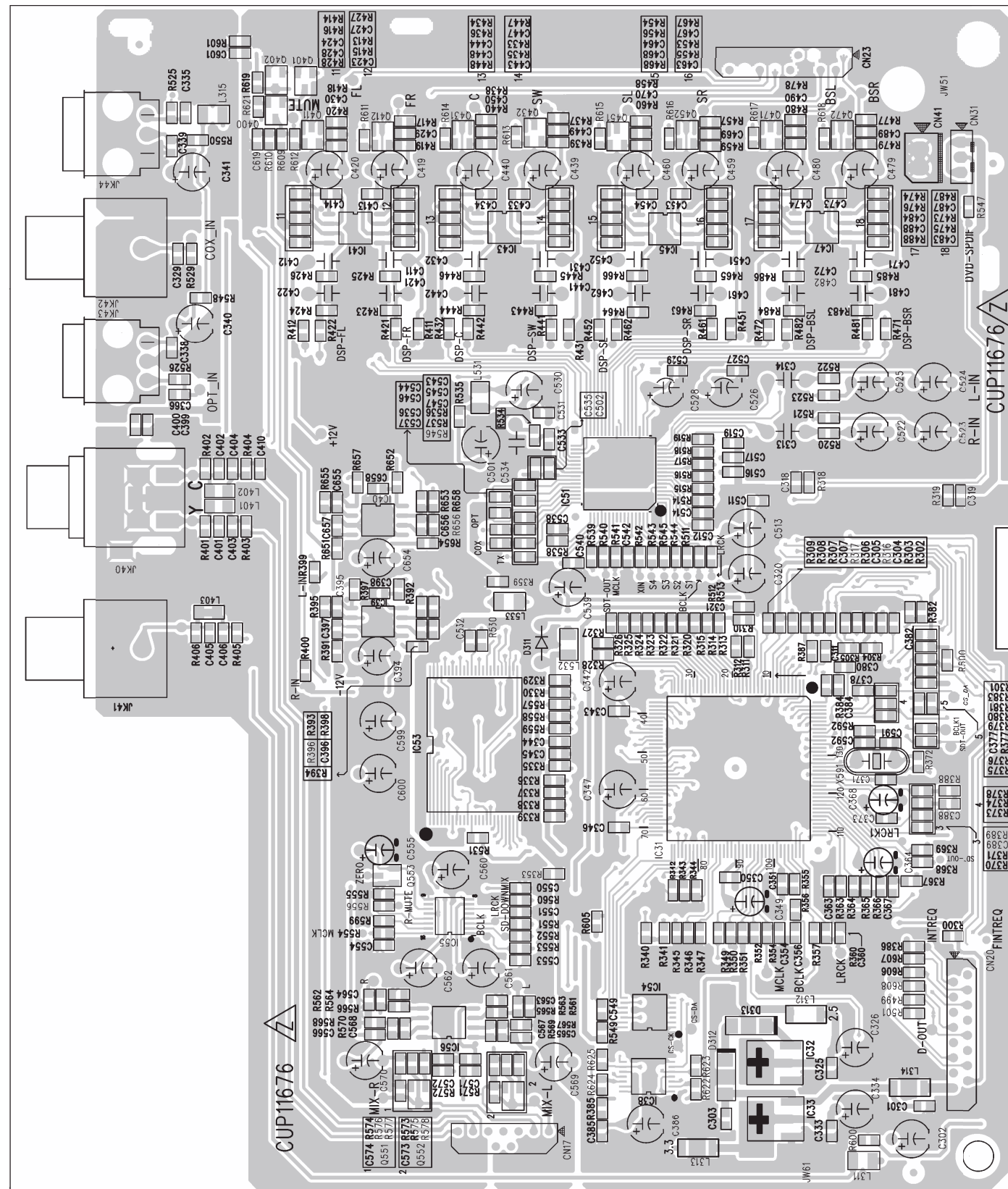
AMP P.W.B. UNIT ASS'Y COMPONENT SIDE



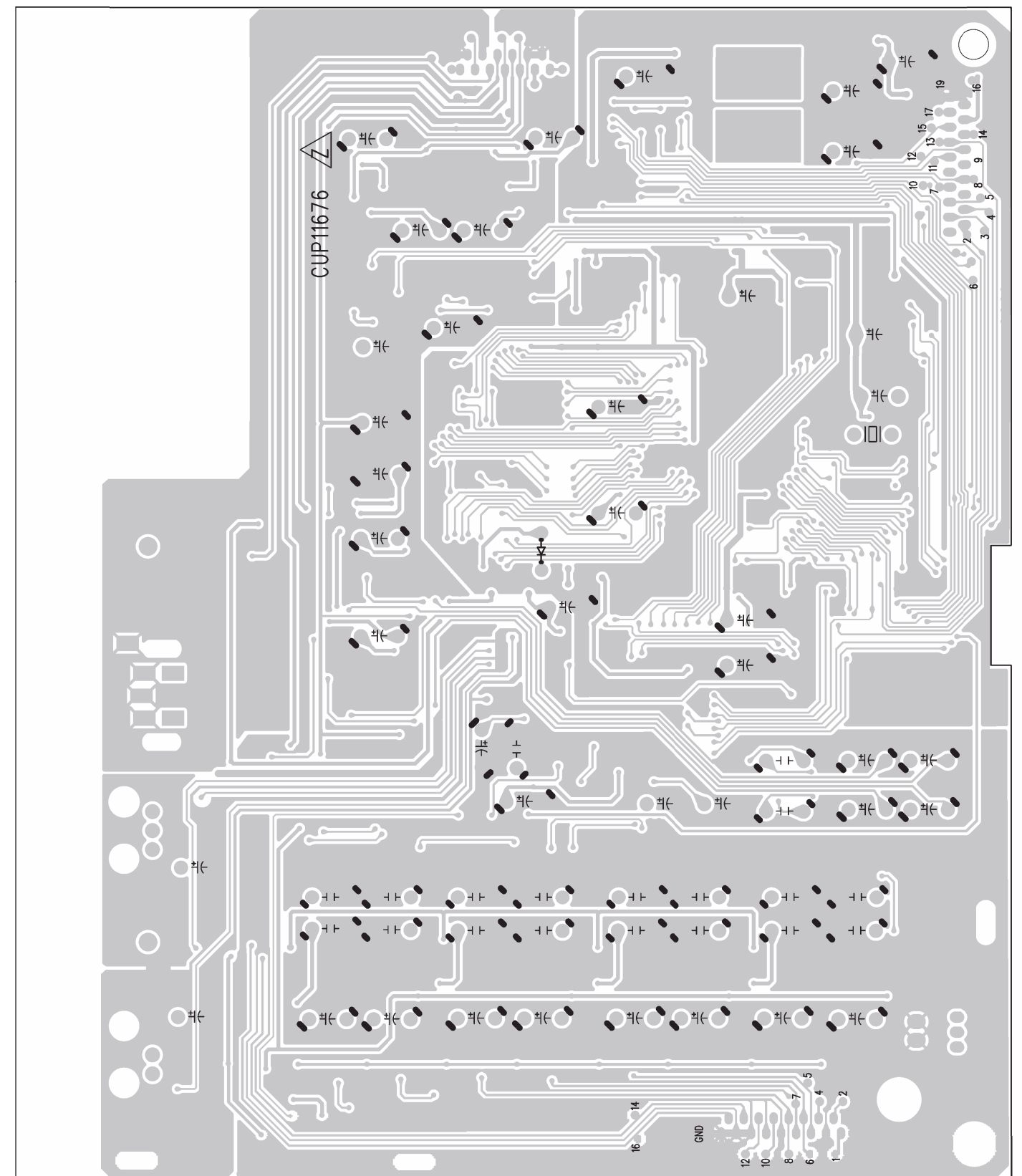
AMP P.W.B. UNIT ASS'Y FOIL SIDE



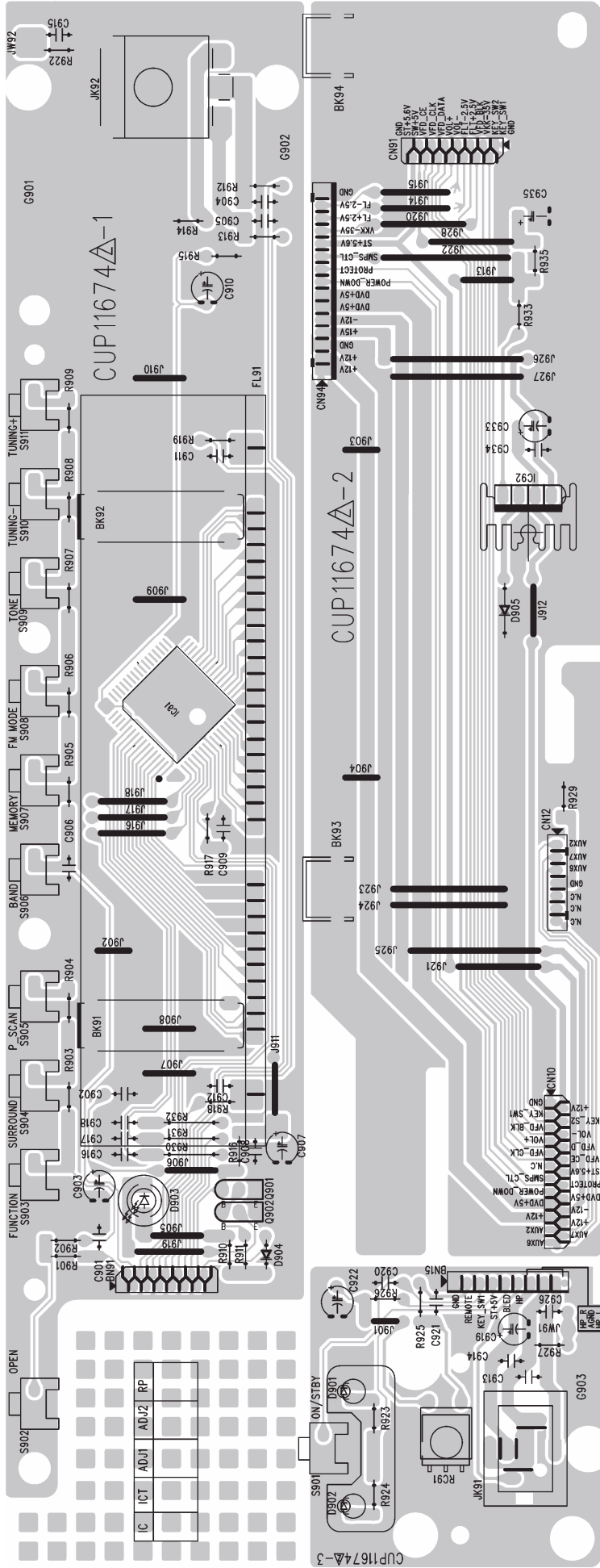
DSP P.W.B. UNIT ASS'Y COMPONENT SIDE



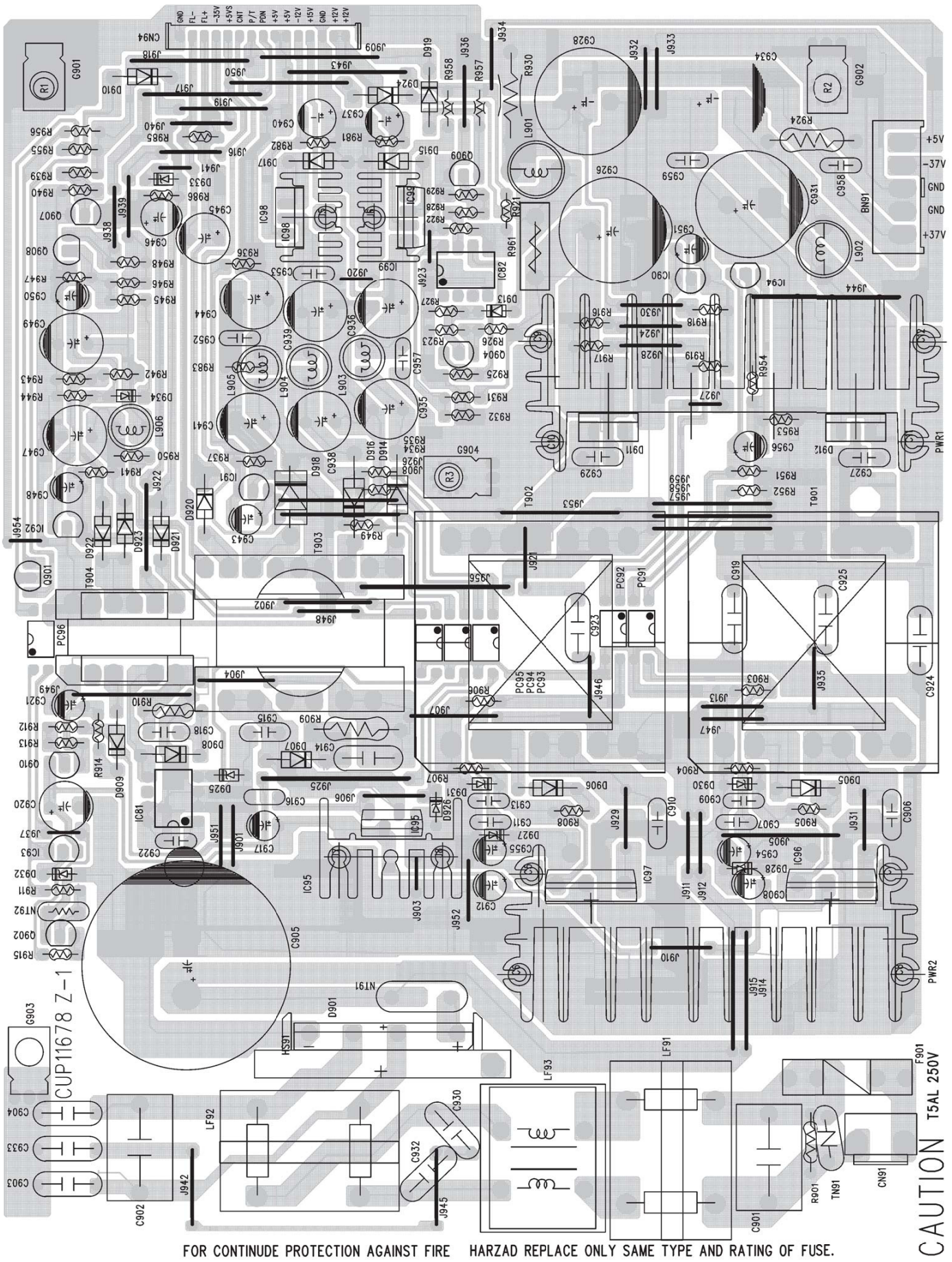
DSP P.W.B. UNIT ASS'Y FOIL SIDE



FRONT P.W.B. UNIT ASS'Y COMPONENT SIDE



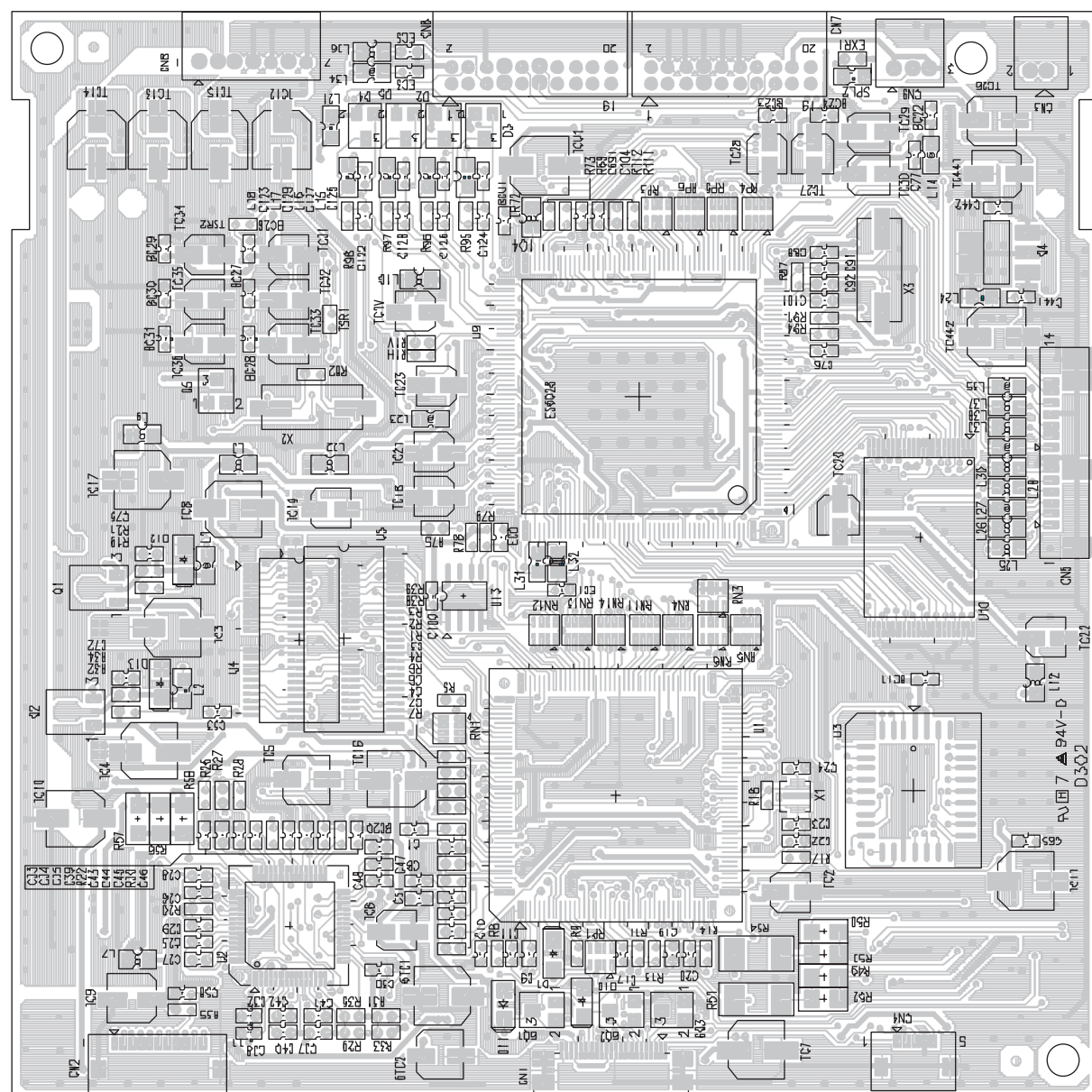
SMPS P.W.B. UNIT ASS'Y COMPONENT SIDE



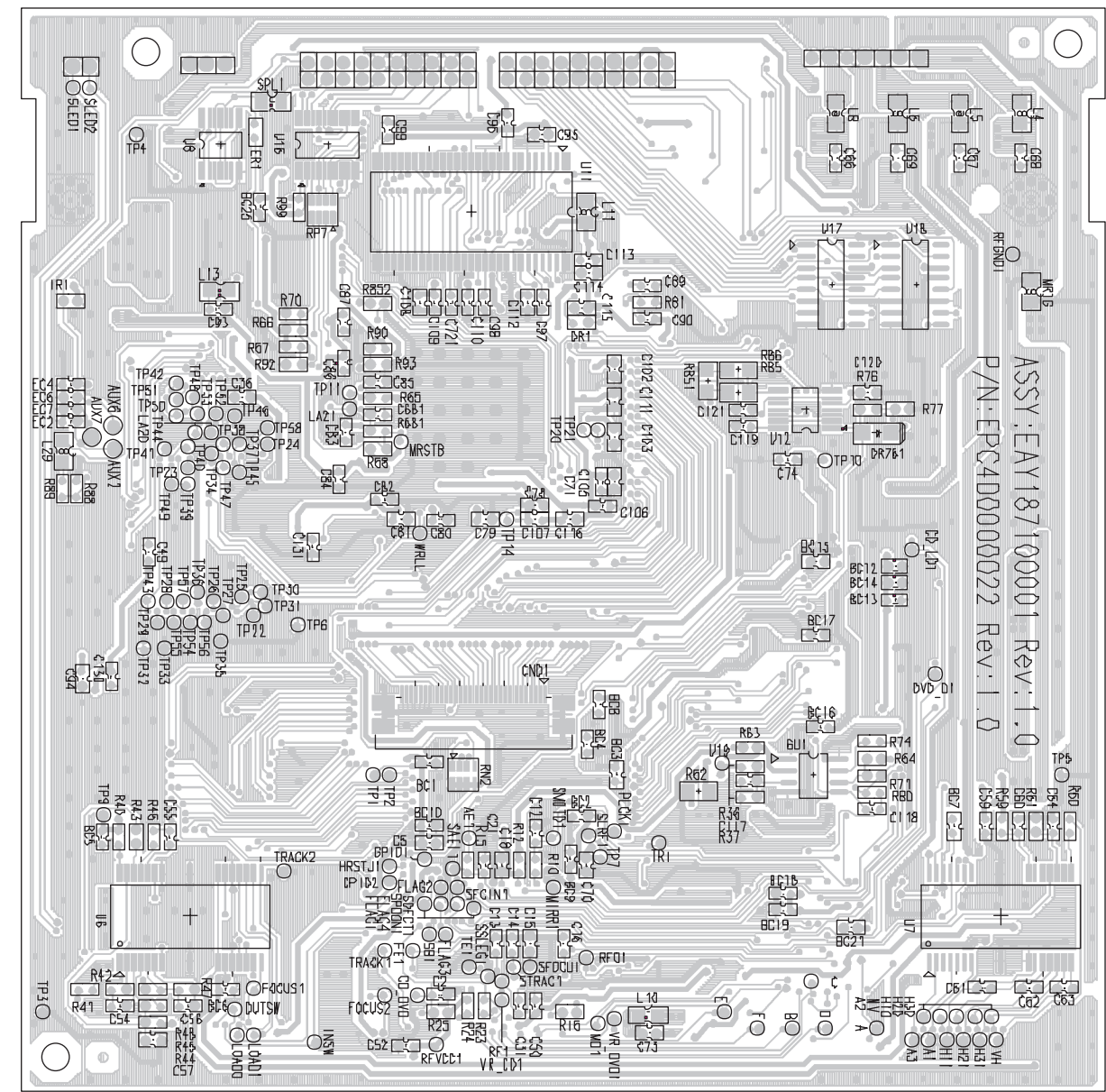
FOR CONTINUE PROTECTION AGAINST FIRE HARZAD REPLACE ONLY SAME TYPE AND RATING OF FUSE.

CAUTION T5AL 250V

MECHANISM P.W.B. UNIT ASS'Y COMPONENT SIDE



MECHANISM P.W.B. UNIT ASS'Y FOIL SIDE



NOTE FOR PARTS LIST

- Part indicated with the mark "nsp" 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 General-purpose Carbon Film Resistor in the P.W.Board parts list. (Refer to the Schematic Diagram for those parts.)
- Not including General-purpose Carbon Chip Resistor in the P.W.Board parts list. (Refer to the Schematic Diagram for those parts.)

WARNING:

Parts marked with this symbol $\triangle$ have critical characteristics.

Use ONLY replacement parts recommended by the manufacturer.

● Resistors

Ex.: $\frac{RN}{\text{Type}} \quad \frac{14K}{\text{Shape and performance}} \quad \frac{2E}{\text{Power}} \quad \frac{182}{\text{Resistance}} \quad \frac{G}{\text{Allowable error}} \quad \frac{FR}{\text{Others}}$

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

* Resistance

$\frac{1}{\text{Unit}} \frac{8}{\text{Effective digit}} \frac{2}{\text{Zero}} \Rightarrow 1800 \text{ ohm} = 1.8 \text{ kohm}$
Indicates number of zeros after effective number.
2-digit effective number.

• Units: ohm

$\frac{1}{\text{Unit}} \frac{R}{\text{Effective digit}} \frac{2}{\text{Zero}} \Rightarrow 1.2 \text{ ohm}$
1-digit effective number.
2-digit effective number, decimal point indicated by R.

• Units: ohm

● Capacitors

Ex.: $\frac{CE}{\text{Type}} \quad \frac{04W}{\text{Shape and performance}} \quad \frac{1H}{\text{Dielectric strength}} \quad \frac{2R2}{\text{Capacity}} \quad \frac{M}{\text{Allowable error}} \quad \frac{BP}{\text{Others}}$

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

* Capacity (electrolyte only)

$\frac{2}{\text{Unit}} \frac{2}{\text{Effective digit}} \frac{2}{\text{Zero}} \Rightarrow 2200\mu\text{F}$
Indicates number of zeros after effective number.
2-digit effective number.

• Units: μF .

$\frac{2}{\text{Unit}} \frac{R}{\text{Effective digit}} \frac{2}{\text{Zero}} \Rightarrow 2.2\mu\text{F}$
1-digit effective number.
2-digit effective number, decimal point indicated by R.

• Units: μF .

* Capacity (except electrolyte)

$\frac{2}{\text{Unit}} \frac{2}{\text{Effective digit}} \frac{2}{\text{Zero}} \Rightarrow 2200\text{pF} = 0.0022\mu\text{F}$
(More than 2) — Indicates number of zeros after effective number.
2-digit effective number.

• Units: pF.

$\frac{2}{\text{Unit}} \frac{2}{\text{Effective digit}} \frac{1}{\text{Zero}} \Rightarrow 220\text{pF}$
(0 or 1) — Indicates number of zeros after effective number.
2-digit effective number.

• Units: pF.

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

部品表について

- nsp 印の部品は常時在庫していませんので供給に長時間を要することがあります。
場合によっては、供給をお断りすることがあります。
- 部品を発注する際は特に数字の "1" と英字の "I" との区別をはっきり記入してください。
- 部品番号を表示していない部品は供給できません。
- $\triangle$ 印の部品は安全上重要な部品です。交換するときは、安全および性能維持のため必ず指定の部品をご使用ください。
- ★印のついている部品は分解図中には記載していません。
- 汎用カーボン抵抗器は記載していません。定数は回路図を参照願います。
- 汎用カーボンチップ抵抗器は記載していません。定数は回路図を参照願います。
- 部品表の抵抗器、コンデンサの品名記号の読み方は表を参照してください。

●抵抗器

例) $\frac{RN}{\text{種類}} \quad \frac{14K}{\text{形状特性}} \quad \frac{2E}{\text{電力}} \quad \frac{182}{\text{抵抗値}} \quad \frac{G}{\text{許容差}} \quad \frac{FR}{\text{その他}}$

RD : カーボン	2B : 1/8 W	F : $\pm 1\%$	P : 耐パルス形
RC : 固定体	2E : 1/4 W	G : $\pm 2\%$	NL : 低雑音形
RS : 金属系皮膜	2H : 1/2 W	J : $\pm 5\%$	NB : 不燃形
RW : 巻線	3A : 1 W	K : $\pm 10\%$	FR : ヒューズ抵抗
RN : 金属皮膜	3D : 2 W	M : $\pm 20\%$	F : リード線成形
RK : 金属混合体	3F : 3 W		
	3H : 5 W		

* 抵抗値

$\frac{18}{\text{Unit}} \frac{2}{\text{Effective digit}} \Rightarrow 1800\Omega = 1.8\text{k}\Omega$
有効数字につづく0の数を表わす。
2桁の有効数字を表わす。

$\frac{1R}{\text{Unit}} \frac{2}{\text{Effective digit}} \Rightarrow 1.2\Omega$
1桁の有効数字を表わす。
2桁の有効数字で小数点はRで表わす。
: 単位は Ω

●コンデンサ

例) $\frac{CE}{\text{種類}} \quad \frac{04W}{\text{形状特性}} \quad \frac{1H}{\text{耐圧}} \quad \frac{2R2}{\text{容量}} \quad \frac{M}{\text{許容差}} \quad \frac{BP}{\text{その他}}$

CE : アルミ箔電解	0J : 6.3 V	F : $\pm 1\%$	HS : 高安定形
CA : アルミ固体電解	1A : 10 V	G : $\pm 2\%$	BP : 無極性形
CS : タンタル電解	1C : 16 V	J : $\pm 5\%$	HR : 耐リップル形
CQ : フィルム	1E : 25 V	K : $\pm 10\%$	DL : 充放電対策用
CK : セラミック	1V : 35 V	M : $\pm 20\%$	HF : 高周波保証用
CC : セラミック	1H : 50 V	Z : $\pm 80\%$	U : UL 部品
CP : オイル	2A : 100 V	-20%	C : CSA 部品
CM : マイカ	2B : 125 V	P : $\pm 100\%$	W : UL-CSA 部品
CF : メタライズド	2C : 160 V	- 0%	F : リード線成形
CH : メタライズド	2D : 200 V	C : $\pm 0.25\text{pF}$	
	2E : 250 V	D : $\pm 0.5\text{pF}$	
	2H : 500 V	= : その他	
	2J : 630 V		

* 容量値

● 電解コンデンサの場合

$\frac{22}{\text{Unit}} \frac{2}{\text{Effective digit}} \Rightarrow 2200\mu\text{F}$
有効数字につづく0の数を表わす。
2桁の有効数字を表わす。
: 単位は μF

$\frac{2R}{\text{Unit}} \frac{2}{\text{Effective digit}} \Rightarrow 2.2\mu\text{F}$
1桁の有効数字を表わす。
2桁の有効数字で小数点はRで表わす。
: 単位は μF

● 電解コンデンサ以外の場合

$\frac{22}{\text{Unit}} \frac{2}{\text{Effective digit}} \Rightarrow 2200\text{pF} = 0.0022\mu\text{F}$
有効数字につづく0の数を表わす。
(0の数が2以上の場合)
2桁の有効数字を表わす。
: 単位はpF

$\frac{22}{\text{Unit}} \frac{1}{\text{Effective digit}} \Rightarrow 220\text{pF}$
有効数字につづく0の数を表わす。
(0の数が0または1の場合)
2桁の有効数字を表わす。
: 単位はpF

- 耐圧を交流で表示する場合は、耐圧表示の次に「AC」を表示します。

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

MAIN P.W.B. UNIT ASS'Y

	Ref.No.	Part No.	Part Name	Remarks	New
SEMICONDUCTORS GROUP					
	IC10	00D 943 0038 300	IC ST92F124V1T6	HVIST92F124V1T6	
	IC11	00D 943 0020 004	IC ROHM (BH7862FS)	BVIBH7862FS	
	IC12	00D 943 0040 408	IC BA7660FS	HVIBA7660FS	
	IC13	00D 943 0038 708	IC NJM2279M-TE1	HVINJM2279MTE1	
	IC14	00D 943 0038 203	IC TC9164AF	HVITC9164AF	
	IC15	00D 943 0007 108	IC NJM2068MD-TE1	HVINJM2068MDTE1	
	IC16	00D 943 0038 407	IC	HVIRE5VL28CATZ	
	IC17	00D 943 0039 406	IC KA79LXXAZTA	HVICA79L05AZT	
	IC18	00D 943 0039 309	IC 7805CP	HVIL7805CP	
	Q101	00D 943 0037 107	TR KTD1304	HVTKTD1304T	
	Q102	00D 943 0037 107	TR KTD1304	HVTKTD1304T	
	Q103	00D 943 0037 107	TR KTD1304	HVTKTD1304T	
	Q104	00D 943 0037 107	TR KTD1304	HVTKTD1304T	
	Q106	00D 943 0037 903	TR KRC102S	HVTKRC102S	
	Q107	00D 943 0037 806	TR KRA102S	HVTKRC114S	
	Q108	00D 943 0037 806	TR KRC102S	HVTKRC114S	
	Q109	00D 943 0037 903	TR KRA102S	HVTKRC102S	
	Q110	00D 943 0037 806	TR KRA102S	HVTKRC114S	
	Q111	00D 943 0037 903	TR KRA102S	HVTKRC102S	
	Q112	00D 943 0038 009	TR KRC102S	HVTKRA102S	
	Q113	00D 943 0038 009	TR KRC114S	HVTKRA102S	
	Q114	00D 943 0038 009	TR KRC114S	HVTKRA102S	
	Q116	00D 943 0038 009	TR KRC102S	HVTKRA102S	
	Q117	00D 943 0037 903	TR KRA102S	HVTKRC102S	
	Q120	00D 943 0037 903	TR KRC102S	HVTKRC102S	
	Q123	00D 943 0038 009	TR KRC114S	HVTKRA102S	
	Q124	00D 943 0038 009	TR KRC102S	HVTKRA102S	
	Q153	00D 943 0038 009	TR KRA102S	HVTKRA102S	
	Q154	00D 943 0037 903	TR KRA102S	HVTKRC102S	
	Q155	00D 943 0038 009	TR KRA102S	HVTKRA102S	
	Q156	00D 943 0037 903	TR KRC102S	HVTKRC102S	
	Q158	00D 943 0038 009	TR KRA102S	HVTKRA102S	
	Q159	00D 943 0037 903	TR KRA102S	HVTKRC102S	
	Q530	00D 943 0037 903	TR KRC102S	HVTKRC102S	
	Q531	00D 943 0038 009	TR KRA102S	HVTKRA102S	
	Q532	00D 943 0037 903	TR KRC102S	HVTKRC102S	
	Q533	00D 943 0037 204	TR KTA1274Y	HVTKTA1274YT	
	Q534	00D 943 0037 408	TR KSC2785Y(DEAD)	HVTKSC2785YT	
	Q535	00D 943 0037 301	TR KSD1691Y	HVTKSD1691Y	
	Q536	00D 943 0037 602	TR KSB1151Y	HVTKSB1151Y	
	Q537	00D 943 0037 408	TR KSC2785Y(DEAD)	HVTKSC2785YT	
	Q538	00D 943 0037 602	TR KSB1151Y	HVTKSB1151Y	
	Q539	00D 943 0038 009	TR KRC102S	HVTKRA102S	
	D101	00D 943 0041 708	DIODE	HVD1SS355T	
	D103	00D 943 0041 708	DIODE	HVD1SS355T	
	D104	00D 943 0041 708	DIODE	HVD1SS355T	
	D147	00D 943 0041 708	DIODE	HVD1SS355T	
	D151	00D 943 0041 708	DIODE	HVD1SS355T	
	D152	00D 943 0041 708	DIODE	HVD1SS355T	
	D154	00D 943 0041 708	DIODE	HVD1SS355T	
	D157	00D 943 0041 708	DIODE	HVD1SS355T	
	D158	00D 943 0041 708	DIODE	HVD1SS355T	
	D160	00D 943 0041 708	DIODE	HVD1SS355T	
	D162	00D 943 0040 903	DIODE , ZENER 1712 TYPE	HVDUDZS4.3BSR	
	D550	00D 943 0035 002	DIODE TW 1N4003	KVD1N4003SRT	
	D551	00D 943 0035 002	DIODE TW 1N4003	KVD1N4003SRT	
	D552	00D 943 0035 002	DIODE TW 1N4003	KVD1N4003SRT	

	Ref.No.	Part No.	Part Name	Remarks	New
RESISTORS GROUP					
	R588	00D 943 0035 303	FUSE 0.47 OHM , 1W , J	KRQ1CJR47	
CAPACITORS GROUP					
	C001	00D 943 0043 706	CHIP 0.022uF , 50V , KC	HCUS1H223KC	
	C101	00D 943 0043 803	CHIP 220pF , 50V , JA	HCUS1H221JA	
	C102	00D 943 0043 803	CHIP 220pF , 50V , JA	HCUS1H221JA	
	C103	00D 943 0043 803	CHIP 220pF , 50V , JA	HCUS1H221JA	
	C104	00D 943 0043 803	CHIP 220pF , 50V , JA	HCUS1H221JA	
	C105	00D 943 0043 803	CHIP 220pF , 50V , JA	HCUS1H221JA	
	C106	00D 943 0043 803	CHIP 220pF , 50V , JA	HCUS1H221JA	
	C107	00D 943 0043 803	CHIP 220pF , 50V , JA	HCUS1H221JA	
	C108	00D 943 0043 803	CHIP 220pF , 50V , JA	HCUS1H221JA	
	C109	00D 943 0043 803	CHIP 220pF , 50V , JA	HCUS1H221JA	
	C110	00D 943 0043 803	CHIP 220pF , 50V , JA	HCUS1H221JA	
	C111	00D 943 0043 706	CHIP 0.022uF , 50V , KC	HCUS1H223KC	
	C112	00D 943 0043 706	CHIP 0.022uF , 50V , KC	HCUS1H223KC	
	C113	00D 943 0043 803	CHIP 220pF , 50V , JA	HCUS1H221JA	
	C114	00D 943 0043 803	CHIP 220pF , 50V , JA	HCUS1H221JA	
	C115	00D 943 0043 405	CHIP 560pF , 50V , JA	HCUS1H561JA	
	C116	00D 943 0043 706	CHIP 0.022uF , 50V , KC	HCUS1H223KC	
	C117	00D 943 0043 706	CHIP 0.022uF , 50V , KC	HCUS1H223KC	
	C118	00D 943 0045 500	ELECT 220uF , 25V	HCEA1EH221T	
	C119	00D 943 0045 102	ELECT 10uF , 35V	HCEA1VH100T	
	C120	00D 943 0045 102	ELECT 10uF , 35V	HCEA1VH100T	
	C121	00D 943 0016 131	ELECT 100uF , 16V	HCEA1CH101T	
	C122	00D 943 0016 131	ELECT 100uF , 16V	HCEA1CH101T	
	C123	00D 943 0044 200	CHIP 1000pF , 50V , KC	HCUS1H102KC	
	C124	00D 943 0044 200	CHIP 1000pF , 50V , KC	HCUS1H102KC	
	C125	00D 943 0043 803	CHIP 220pF , 50V , JA	HCUS1H221JA	
	C126	00D 943 0043 803	CHIP 220pF , 50V , JA	HCUS1H221JA	
	C127	00D 943 0043 803	CHIP 220pF , 50V , JA	HCUS1H221JA	
	C128	00D 943 0043 803	CHIP 220pF , 50V , JA	HCUS1H221JA	
	C129	00D 943 0016 157	ELECT 470uF , 16V	HCEA1CH471T	
	C130	00D 943 0043 706	CHIP 0.022uF , 50V , KC	HCUS1H223KC	
	C134	00D 943 0043 706	CHIP 0.022uF , 50V , KC	HCUS1H223KC	
	C135	00D 943 0043 803	CHIP 220pF , 50V , JA	HCUS1H221JA	
	C136	00D 943 0043 803	CHIP 220pF , 50V , JA	HCUS1H221JA	
	C137	00D 943 0043 803	CHIP 220pF , 50V , JA	HCUS1H221JA	
	C138	00D 943 0043 803	CHIP 220pF , 50V , JA	HCUS1H221JA	
	C139	00D 943 0043 706	CHIP 0.022uF , 50V , KC	HCUS1H223KC	
	C140	00D 943 0043 706	CHIP 0.022uF , 50V , KC	HCUS1H223KC	
	C142	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C143	00D 943 0043 900	CHIP 22pF , 50V , JA	HCUS1H220JA	
	C144	00D 943 0043 900	CHIP 22pF , 50V , JA	HCUS1H220JA	
	C145	00D 943 0045 908	ELECT 22uF , 16V	HCEA1CH220T	
	C146	00D 943 0016 128	ELECT 470uF , 10V	HCEA1AH471T	
	C147	00D 943 0043 706	CHIP 0.022uF , 50V , KC	HCUS1H223KC	
	C148	00D 943 0045 403	ELECT 2.2uF , 50V	HCEA1HH2R2T	
	C149	00D 943 0043 706	CHIP 0.022uF , 50V , KC	HCUS1H223KC	
	C151	00D 943 0045 403	ELECT 2.2uF , 50V	HCEA1HH2R2T	
	C152	00D 943 0045 102	ELECT 10uF , 35V	HCEA1VH100T	
	C153	00D 943 0016 128	ELECT 470uF , 10V	HCEA1AH471T	
	C154	00D 943 0043 706	CHIP 0.022uF , 50V , KC	HCUS1H223KC	
	C155	00D 943 0043 900	CHIP 22pF , 50V , JA	HCUS1H220JA	
	C156	00D 943 0043 706	CHIP 0.022uF , 50V , KC	HCUS1H223KC	
	C157	00D 943 0016 128	ELECT 470uF , 10V	HCEA1AH471T	
	C158	00D 943 0043 900	CHIP 22pF , 50V , JA	HCUS1H220JA	
	C159	00D 943 0045 102	ELECT 10uF , 35V	HCEA1VH100T	
	C160	00D 943 0016 131	ELECT 100uF , 16V	HCEA1CH101T	
	C161	00D 943 0057 404	SEMICONDUCTOR 0.1uF , 50V , ZF	CCFT1H104ZF	
	C164	00D 943 0043 502	CHIP 56pF , 50V , JA	HCUS1H560JA	
	C165	00D 943 0016 131	ELECT 100uF , 16V	HCEA1CH101T	
	C166	00D 943 0045 908	ELECT 22uF , 16V	HCEA1CH220T	
	C167	00D 943 0016 131	ELECT 100uF , 16V	HCEA1CH101T	

	Ref.No.	Part No.	Part Name	Remarks	New
	C168	00D 943 0045 908	ELECT 22uF , 16V	HCEA1CH220T	
	C169	00D 943 0016 128	ELECT 470uF , 10V	HCEA1AH471T	
	C170	00D 943 0016 128	ELECT 470uF , 10V	HCEA1AH471T	
	C171	00D 943 0045 801	ELECT 47uF , 16V	HCEA1CH470T	
	C172	00D 943 0045 801	ELECT 47uF , 16V	HCEA1CH470T	
	C173	00D 943 0045 102	ELECT 10uF , 35V	HCEA1VH100T	
	C174	00D 943 0045 102	ELECT 10uF , 35V	HCEA1VH100T	
	C175	00D 943 0057 404	SEMICONDUCTOR 0.1uF , 50V , ZF	CCFT1H104ZF	
	C176	00D 943 0043 502	CHIP 56pF , 50V , JA	HCUS1H560JA	
	C177	00D 943 0043 900	CHIP 22pF , 50V , JA	HCUS1H220JA	
	C178	00D 943 0043 706	CHIP 0.022uF , 50V , KC	HCUS1H223KC	
	C182	00D 943 0016 128	ELECT 470uF , 10V	HCEA1AH471T	
	C184	00D 943 0016 128	ELECT 470uF , 10V	HCEA1AH471T	
	C186	00D 943 0016 128	ELECT 470uF , 10V	HCEA1AH471T	
	C189	00D 943 0043 706	CHIP 0.022uF , 50V , KC	HCUS1H223KC	
	C190	00D 943 0043 706	CHIP 0.022uF , 50V , KC	HCUS1H223KC	
	C191	00D 943 0016 131	ELECT 100uF , 16V	HCEA1CH101T	
	C192	00D 943 0043 405	CHIP 560pF , 50V , JA	HCUS1H561JA	
	C193	00D 943 0043 405	CHIP 560pF , 50V , JA	HCUS1H561JA	
	C530	00D 943 0045 102	ELECT 10uF , 35V	HCEA1VH100T	
	C531	00D 943 0016 128	ELECT 470uF , 10V	HCEA1AH471T	
	C532	00D 943 0016 131	ELECT 100uF , 16V	HCEA1CH101T	
	C533	00D 943 0016 131	ELECT 100uF , 16V	HCEA1CH101T	
	C534	00D 943 0016 131	ELECT 100uF , 16V	HCEA1CH101T	
	C535	00D 943 0016 128	ELECT 470uF , 10V	HCEA1AH471T	
	C536	00D 943 0016 128	ELECT 470uF , 10V	HCEA1AH471T	
	C537	00D 943 0016 128	ELECT 470uF , 10V	HCEA1AH471T	
	C538	00D 943 0046 004	ELECT 1000uF , 16V	HCEA1CH102E	
	C539	00D 943 0016 144	ELECT 220uF , 16V	HCEA1CH221T	
	C540	00D 943 0016 144	ELECT 220uF , 16V	HCEA1CH221T	
	C541	00D 943 0016 131	ELECT 100uF , 16V	HCEA1CH101T	
	C542	00D 943 0016 131	ELECT 100uF , 16V	HCEA1CH101T	
	C543	00D 943 0043 706	CHIP 0.022uF , 50V , KC	HCUS1H223KC	
	C544	00D 943 0016 144	ELECT 220uF , 16V	HCEA1CH221T	
OTHER PARTS GROUP					
	BD11	00D 943 0042 309	BEAD HB-1M1608-601JT	HLZ9Z018Z	
	BD12	00D 943 0042 309	BEAD HB-1M1608-601JT	HLZ9Z018Z	
	BD13	00D 943 0042 309	BEAD HB-1M1608-601JT	HLZ9Z018Z	
	BD14	00D 943 0042 309	BEAD HB-1M1608-601JT	HLZ9Z018Z	
	BD15	00D 943 0042 309	BEAD HB-1M1608-601JT	HLZ9Z018Z	
	BD16	00D 943 0042 309	BEAD HB-1M1608-601JT	HLZ9Z018Z	
	BD17	00D 943 0042 309	BEAD HB-1M1608-601JT	HLZ9Z018Z	
	BD18	00D 943 0042 309	BEAD HB-1M1608-601JT	HLZ9Z018Z	
	BD19	00D 943 0042 309	BEAD HB-1M1608-601JT	HLZ9Z018Z	
	BD20	00D 943 0042 309	BEAD HB-1M1608-601JT	HLZ9Z018Z	
	BD21	00D 943 0042 309	BEAD HB-1M1608-601JT	HLZ9Z018Z	
	BD22	00D 943 0042 309	BEAD HB-1M1608-601JT	HLZ9Z018Z	
	BD50	00D 943 0042 406	BEAD HU-1H4516-600JT	HLZ9Z014Z	
	BD51	00D 943 0042 406	BEAD HU-1H4516-600JT	HLZ9Z014Z	
	BD52	00D 943 0042 406	BEAD HU-1H4516-600JT	HLZ9Z014Z	
	BD54	00D 943 0042 503	BEAD , CORE	KLZ9H001Z	
	CN10	00D 943 0035 808	JACK , RCA (12P)	KJP23GA117ZG	
	CN11	00D 943 0025 203	WAFER MOLEX53014-0910	KJP07GA19ZM	
	CN13	00D 943 0035 808	SCART CONNECTOR	KJP23GA117ZG	
	CN14	00D 943 0025 203	WAFER , CARD CABLE GF120-13S-TS	KJP07GA19ZM	
	CN15	00D 943 0036 506	WAFER , CARD CABLE GF102-13S-TS	KJP09GA19ZM	
	CN16	00D 943 0036 409	20 DUAL WAFER	KJP13GA115ZG	
	CN17	00D 943 0036 302	20 DUAL WAFER	KJP13GA117ZG	
	CN18	00D 943 0021 401	WAFER MOLEX53014-0710	CJP20GA147ZW	
	CN19	00D 943 0021 401	WAFER , CARD CABLE GF102-23S-TS	CJP20GA147ZW	
	CN20	00D 943 0035 905	WAFER , C.CABLE	KJP19GA117ZG	
	CN31	00D 943 0036 807	WAFER MOLEX53014-0710	KJP02GA01ZM	
	JK11	00D 943 0056 609	WAFER , CARD CABLE GF102-23S-TS	CJJ4L005Z	
	JK12	00D 943 0026 309	WAFER MOLEX 5267-02A	KJP21GA118ZP	
	JW32	00D 943 0046 606	WIRE ASS'Y (GND) 2 P (BLACK)	CWZQDR1000JW32	
	L101	00D 943 0042 600	FERRITE INDUCTOR 2012-R68UH	HLQ08ER68KRZ	

	Ref.No.	Part No.	Part Name	Remarks	New
	L102	00D 943 0042 600	FERRITE INDUCTOR 2012-R68UH	HLQ08ER68KRZ	
	L103	00D 943 0042 707	FERRITE INDUCTOR 2012-R39UH	HLQ08ER39KRZ	
	L150	00D 943 0042 600	FERRITE INDUCTOR 2012-R68UH	HLQ08ER68KRZ	
	L151	00D 943 0042 600	FERRITE INDUCTOR 2012-R68UH	HLQ08ER68KRZ	
	L152	00D 943 0042 600	FERRITE INDUCTOR 2012-R68UH	HLQ08ER68KRZ	
	L163	00D 943 0035 701	BEAD , CORE	KLZ9H001Z	
	L164	00D 943 0035 701	BEAD , CORE	KLZ9H001Z	
	X101	00D 943 0004 907	CRYSTAL , 4MHZ	HOX04000E150C	

AMP P.W.B. UNIT ASS'Y

	Ref.No.	Part No.	Part Name	Remarks	New
SEMICONDUCTORS GROUP					
	IC51	00D 943 0007 108	IC NJM2068MD-TE1	HVINJM2068MDTE1	
	IC52	00D 943 0059 703	IC TC2001	HVITC2001	
	IC53	00D 943 0059 509	IC TP2150	HVITP2150	
	IC58	00D 943 0059 907	IC M62446AFP	HVIM62446AFP	
	IC59	00D 943 0059 606	IC TC9162AF	HVITC9162AF	
	IC61	00D 943 0007 108	IC NJM2068MD-TE1	HVINJM2068MDTE1	
	IC62	00D 943 0059 703	IC TC2001	HVITC2001	
	IC63	00D 943 0059 509	IC TP2150	HVITP2150	
	IC68	00D 943 0007 108	IC NJM2068MD-TE1	HVINJM2068MDTE1	
	IC71	00D 943 0007 108	IC NJM2068MD-TE1	HVINJM2068MDTE1	
	IC72	00D 943 0059 703	IC TC2001	HVITC2001	
	IC73	00D 943 0059 509	IC TP2150	HVITP2150	
	IC78	00D 943 0059 800	IC NJM4556AL	HVINJM4556AL	
	IC81	00D 943 0007 108	IC NJM2068MD-TE1	HVINJM2068MDTE1	
	IC88	00D 943 0060 006	IC M62429FP	HVIM62429FP	
	D521	00D 943 0041 708	DIODE 1SS355	HVD1SS355T	
	D555	00D 943 0060 501	DIODE 1SR159-200	HVD1SR159-200	
	D556	00D 943 0060 501	DIODE 1SR159-200	HVD1SR159-200	
	D557	00D 943 0060 501	DIODE 1SR159-200	HVD1SR159-200	
	D561	00D 943 0060 501	DIODE 1SR159-200	HVD1SR159-200	
	D562	00D 943 0060 501	DIODE 1SR159-200	HVD1SR159-200	
	D563	00D 943 0060 501	DIODE 1SR159-200	HVD1SR159-200	
	D564	00D 943 0060 501	DIODE 1SR159-200	HVD1SR159-200	
	D565	00D 943 0060 501	DIODE 1SR159-200	HVD1SR159-200	
	D566	00D 943 0060 501	DIODE 1SR159-200	HVD1SR159-200	
	D579	00D 943 0041 708	DIODE 1SS355	HVD1SS355T	
	D581	00D 943 0060 103	DIODE , ZENER (CHIP,7.5V) 1712 TYPE	HVDUDZS7.5BSR	
	D582	00D 943 0060 103	DIODE , ZENER (CHIP,7.5V) 1712 TYPE	HVDUDZS7.5BSR	
	D583	00D 943 0041 708	DIODE 1SS355	HVD1SS355T	
	D611	00D 943 0041 708	DIODE 1SS355	HVD1SS355T	
	D615	00D 943 0060 200	DIODE , ZENER (CHIP,6.8V) 1712 TYPE	HVDUDZS6.8BSR	
	D616	00D 943 0060 404	DIODE RB160L-60TE25	HVDRB160L60TE25	
	D617	00D 943 0060 404	DIODE RB160L-60TE25	HVDRB160L60TE25	
	D618	00D 943 0060 404	DIODE RB160L-60TE25	HVDRB160L60TE25	
	D619	00D 943 0041 708	DIODE 1SS355	HVD1SS355T	
	D621	00D 943 0041 708	DIODE 1SS355	HVD1SS355T	
	D655	00D 943 0060 501	DIODE 1SR159-200	HVD1SR159-200	
	D656	00D 943 0060 501	DIODE 1SR159-200	HVD1SR159-200	
	D657	00D 943 0060 501	DIODE 1SR159-200	HVD1SR159-200	
	D661	00D 943 0060 501	DIODE 1SR159-200	HVD1SR159-200	
	D662	00D 943 0060 501	DIODE 1SR159-200	HVD1SR159-200	
	D663	00D 943 0060 501	DIODE 1SR159-200	HVD1SR159-200	
	D664	00D 943 0060 501	DIODE 1SR159-200	HVD1SR159-200	
	D665	00D 943 0060 501	DIODE 1SR159-200	HVD1SR159-200	
	D666	00D 943 0060 501	DIODE 1SR159-200	HVD1SR159-200	
	D679	00D 943 0041 708	DIODE 1SS355	HVD1SS355T	
	D695	00D 943 0041 708	DIODE 1SS355	HVD1SS355T	
	D711	00D 943 0041 708	DIODE 1SS355	HVD1SS355T	
	D721	00D 943 0041 708	DIODE 1SS355	HVD1SS355T	
	D755	00D 943 0060 501	DIODE 1SR159-200	HVD1SR159-200	
	D756	00D 943 0060 501	DIODE 1SR159-200	HVD1SR159-200	
	D757	00D 943 0060 501	DIODE 1SR159-200	HVD1SR159-200	
	D761	00D 943 0060 501	DIODE 1SR159-200	HVD1SR159-200	
	D762	00D 943 0060 501	DIODE 1SR159-200	HVD1SR159-200	
	D763	00D 943 0060 501	DIODE 1SR159-200	HVD1SR159-200	
	D764	00D 943 0060 501	DIODE 1SR159-200	HVD1SR159-200	
	D765	00D 943 0060 501	DIODE 1SR159-200	HVD1SR159-200	
	D766	00D 943 0060 501	DIODE 1SR159-200	HVD1SR159-200	
	D779	00D 943 0041 708	DIODE 1SS355	HVD1SS355T	
	D811	00D 943 0041 708	DIODE 1SS355	HVD1SS355T	
	D851	00D 943 0041 708	DIODE 1SS355	HVD1SS355T	
	D852	00D 943 0041 708	DIODE 1SS355	HVD1SS355T	

	Ref.No.	Part No.	Part Name	Remarks	New
	D853	00D 943 0041 708	DIODE 1SS355	HVD1SS355T	
	D854	00D 943 0041 708	DIODE 1SS355	HVD1SS355T	
	D893	00D 943 0041 708	DIODE 1SS355	HVD1SS355T	
	D894	00D 943 0041 708	DIODE 1SS355	HVD1SS355T	
	D897	00D 943 0041 708	DIODE 1SS355	HVD1SS355T	
	D899	00D 943 0060 307	DIODE , ZENER (CHIP,5.6V) 1712 TYPE	HVDUDZ5.6BSR	
	Q511	00D 943 0037 107	TR KTD1304	HVTKTD1304T	
	Q512	00D 943 0037 107	TR KTD1304	HVTKTD1304T	
	Q513	00D 943 0038 009	TR KRA102S	HVTKRA102S	
	Q514	00D 943 0037 903	TR KRC102S	HVTKRC102S	
	Q557	00D 943 0059 305	F.E.T FQD5P10RTM	HVTFQD5P10D	
	Q561	00D 943 0059 208	F.E.T FQPF13N10TU	HVTFQPF13N10	
	Q562	00D 943 0059 208	F.E.T FQPF13N10TU	HVTFQPF13N10	
	Q563	00D 943 0059 208	F.E.T FQPF13N10TU	HVTFQPF13N10	
	Q564	00D 943 0059 208	F.E.T FQPF13N10TU	HVTFQPF13N10	
	Q577	00D 943 0038 009	TR KRA102S	HVTKRA102S	
	Q578	00D 943 0037 903	TR KRC102S	HVTKRC102S	
	Q611	00D 943 0037 107	TR KTD1304	HVTKTD1304T	
	Q612	00D 943 0037 107	TR KTD1304	HVTKTD1304T	
	Q613	00D 943 0038 009	TR KRA102S	HVTKRA102S	
	Q614	00D 943 0037 903	TR KRC102S	HVTKRC102S	
	Q615	00D 943 0059 004	TR KSC2316Y	HVTKSC2316YT	
	Q616	00D 943 0037 903	TR KRC102S	HVTKRC102S	
	Q630	00D 943 0037 903	TR KRC102S	HVTKRC102S	
	Q657	00D 943 0059 305	F.E.T FQD5P10RTM	HVTFQD5P10D	
	Q661	00D 943 0059 208	F.E.T FQPF13N10TU	HVTFQPF13N10	
	Q662	00D 943 0059 208	F.E.T FQPF13N10TU	HVTFQPF13N10	
	Q663	00D 943 0059 208	F.E.T FQPF13N10TU	HVTFQPF13N10	
	Q664	00D 943 0059 208	F.E.T FQPF13N10TU	HVTFQPF13N10	
	Q677	00D 943 0038 009	TR KRA102S	HVTKRA102S	
	Q678	00D 943 0037 903	TR KRC102S	HVTKRC102S	
	Q679	00D 943 0037 903	TR KRC102S	HVTKRC102S	
	Q693	00D 943 0037 107	TR KTD1304	HVTKTD1304T	
	Q694	00D 943 0037 107	TR KTD1304	HVTKTD1304T	
	Q695	00D 943 0037 107	TR KTD1304	HVTKTD1304T	
	Q711	00D 943 0037 107	TR KTD1304	HVTKTD1304T	
	Q712	00D 943 0037 107	TR KTD1304	HVTKTD1304T	
	Q713	00D 943 0038 009	TR KRA102S	HVTKRA102S	
	Q714	00D 943 0037 903	TR KRC102S	HVTKRC102S	
	Q730	00D 943 0037 903	TR KRC102S	HVTKRC102S	
	Q757	00D 943 0059 305	F.E.T FQD5P10RTM	HVTFQD5P10D	
	Q761	00D 943 0059 208	F.E.T FQPF13N10TU	HVTFQPF13N10	
	Q762	00D 943 0059 208	F.E.T FQPF13N10TU	HVTFQPF13N10	
	Q763	00D 943 0059 208	F.E.T FQPF13N10TU	HVTFQPF13N10	
	Q764	00D 943 0059 208	F.E.T FQPF13N10TU	HVTFQPF13N10	
	Q777	00D 943 0037 903	TR KRC102S	HVTKRC102S	
	Q778	00D 943 0037 903	TR KRC102S	HVTKRC102S	
	Q779	00D 943 0038 009	TR KRA102S	HVTKRA102S	
	Q793	00D 943 0037 107	TR KTD1304	HVTKTD1304T	
	Q794	00D 943 0037 107	TR KTD1304	HVTKTD1304T	
	Q795	00D 943 0037 107	TR KTD1304	HVTKTD1304T	
	Q796	00D 943 0037 107	TR KTD1304	HVTKTD1304T	
	Q811	00D 943 0037 107	TR KTD1304	HVTKTD1304T	
	Q812	00D 943 0037 107	TR KTD1304	HVTKTD1304T	
	Q813	00D 943 0038 009	TR KRA102S	HVTKRA102S	
	Q814	00D 943 0037 903	TR KRC102S	HVTKRC102S	
	Q851	00D 943 0058 801	TR KTC3875S Y RTK	HVTKTC3875SYRTK	
	Q852	00D 943 0058 908	TR KTA1504S Y RTK	HVTKTA1504SYRTK	
	Q853	00D 943 0058 801	TR KTC3875S Y RTK	HVTKTC3875SYRTK	
	Q854	00D 943 0058 908	TR KTA1504S Y RTK	HVTKTA1504SYRTK	
	Q855	00D 943 0037 107	TR KTD1304	HVTKTD1304T	
	Q856	00D 943 0038 009	TR KRA102S	HVTKRA102S	
	Q857	00D 943 0037 903	TR KRC102S	HVTKRC102S	
	Q891	00D 943 0059 101	TR KSB811Y	HVTKSB811YT	
	Q892	00D 943 0037 806	TR KRC114S	HVTKRC114S	
	Q895	00D 943 0037 107	TR KTD1304	HVTKTD1304T	
	Q897	00D 943 0037 806	TR KRC114S	HVTKRC114S	

	Ref.No.	Part No.	Part Name	Remarks	New
	Q898	00D 943 0037 806	TR KRC114S	HVTKRC114S	
	Q899	00D 943 0038 009	TR KRA102S	HVTKRA102S	
RESISTORS GROUP					
	R573	00D 943 0058 500	METAL OXIDE FILM 2W 20 OHM MINI	KRG2SANJ200H	
	R574	00D 943 0058 500	METAL OXIDE FILM 2W 20 OHM MINI	KRG2SANJ200H	
	R615	00D 943 0064 808	METAL OXIDE FILM 180OHM , 1W , J	CRG1ANJ181H	
	R616	00D 943 0064 808	METAL OXIDE FILM 180OHM , 1W , J	CRG1ANJ181H	
	R617	00D 943 0064 905	METAL OXIDE FILM 1.5 KOHM , 1W , J	CRG1ANJ152H	
	R673	00D 943 0058 500	METAL OXIDE FILM 2W 20 OHM MINI	KRG2SANJ200H	
	R674	00D 943 0058 500	METAL OXIDE FILM 2W 20 OHM MINI	KRG2SANJ200H	
	R773	00D 943 0058 500	METAL OXIDE FILM 2W 20 OHM MINI	KRG2SANJ200H	
	R774	00D 943 0058 500	METAL OXIDE FILM 2W 20 OHM MINI	KRG2SANJ200H	
	R879	00D 943 0052 108	METAL OXIDE FILM 2.7 KOHM , 1W , J	CRG1ANJ272H	
CAPACITORS GROUP					
	C501	00D 943 0045 102	ELECT 10uF , 35V	HCEA1VH100T	
	C502	00D 943 0045 102	ELECT 10uF , 35V	HCEA1VH100T	
	C503	00D 943 0044 307	CHIP 100pF , 50V , JA	HCUS1H101JA	
	C504	00D 943 0044 307	CHIP 100pF , 50V , JA	HCUS1H101JA	
	C505	00D 943 0045 102	ELECT 10uF , 35V	HCEA1VH100T	
	C506	00D 943 0045 102	ELECT 10uF , 35V	HCEA1VH100T	
	C507	00D 943 0043 405	CHIP 560pF , 50V , JA	HCUS1H561JA	
	C508	00D 943 0043 405	CHIP 560pF , 50V , JA	HCUS1H561JA	
	C509	00D 943 0043 706	CHIP 0.022uF , 50V , KC	HCUS1H223KC	
	C510	00D 943 0043 706	CHIP 0.022uF , 50V , KC	HCUS1H223KC	
	C511	00D 943 0043 706	CHIP 0.022uF , 50V , KC	HCUS1H223KC	
	C515	00D 943 0062 101	ELECT 100uF , 16V	HCEA1CH101T	
	C516	00D 943 0062 101	ELECT 100uF , 16V	HCEA1CH101T	
	C517	00D 943 0045 403	ELECT 2.2uF , 50V	HCEA1HH2R2T	
	C518	00D 943 0043 405	CHIP 560pF , 50V , JA	HCUS1H561JA	
	C519	00D 943 0043 405	CHIP 560pF , 50V , JA	HCUS1H561JA	
	C520	00D 943 0043 405	CHIP 560pF , 50V , JA	HCUS1H561JA	
	C521	00D 943 0061 607	ELECT 4.7uF , 50V	HCEA1HH4R7T	
	C522	00D 943 0061 607	ELECT 4.7uF , 50V	HCEA1HH4R7T	
	C525	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C526	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C527	00D 943 0062 208	ELECT 470uF , 10V	HCEA1AH471T	
	C528	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C529	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C530	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C539	00D 943 0043 803	CHIP 220pF , 50V , JA	HCUS1H221JA	
	C540	00D 943 0043 803	CHIP 220pF , 50V , JA	HCUS1H221JA	
	C547	00D 943 0060 802	CHIP 270pF , 50V , JA	HCUS1H271JA	
	C548	00D 943 0060 909	CHIP 150pF , 50V , JA	HCUS1H151JA	
	C551	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C553	00D 943 0061 801	ELECT 47uF , 25V 105°C	HCEA1EH470TS	
	C554	00D 943 0061 801	ELECT 47uF , 25V 105°C	HCEA1EH470TS	
	C555	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C556	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C557	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C558	00D 943 0061 908	ELECT 100uF , 25V	HCEA1EH101T	
	C559	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C560	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C561	00D 943 0061 403	ELECT 33uF , 100V , 105Åé	HCEA2AH330TS	
	C562	00D 943 0061 403	ELECT 33uF , 100V , 105Åé	HCEA2AH330TS	
	C563	00D 943 0065 603	CHIP 0.1uF /100V , KB	CCUP2A104KB	
	C564	00D 943 0065 603	CHIP 0.1uF /100V , KB	CCUP2A104KB	
	C565	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C566	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C567	00D 943 0061 704	ELECT 470uF , 50V	HCEA1HH471E	
	C568	00D 943 0061 704	ELECT 470uF , 50V	HCEA1HH471E	
	C569	00D 943 0043 609	CHIP 0.047uF , 50V , ZF	HCUS1H473ZF	
	C570	00D 943 0043 609	CHIP 0.047uF , 50V , ZF	HCUS1H473ZF	
	C571	00D 943 0056 803	METALLIZED FILM 0.15uF /100V , J	CCME2A154JXT	

	Ref.No.	Part No.	Part Name	Remarks	New
	C572	00D 943 0056 803	METALLIZED FILM 0.15uF /100V , J	CCME2A154JXT	
	C573	00D 943 0056 803	METALLIZED FILM 0.15uF /100V , J	CCME2A154JXT	
	C574	00D 943 0056 803	METALLIZED FILM 0.15uF /100V , J	CCME2A154JXT	
	C575	00D 943 0060 705	CHIP 4700pF , 50V , JA	HCUS1H472KC	
	C576	00D 943 0060 705	CHIP 4700pF , 50V , JA	HCUS1H472KC	
	C577	00D 943 0060 705	CHIP 4700pF , 50V , JA	HCUS1H472KC	
	C578	00D 943 0060 705	CHIP 4700pF , 50V , JA	HCUS1H472KC	
	C580	00D 943 0062 101	ELECT 100uF , 16V	HCEA1CH101T	
	C581	00D 943 0062 101	ELECT 100uF , 16V	HCEA1CH101T	
	C582	00D 943 0062 101	ELECT 100uF , 16V	HCEA1CH101T	
	C583	00D 943 0062 101	ELECT 100uF , 16V	HCEA1CH101T	
	C584	00D 943 0062 101	ELECT 100uF , 16V	HCEA1CH101T	
	C585	00D 943 0043 405	CHIP 560pF , 50V , JA	HCUS1H561JA	
	C586	00D 943 0043 405	CHIP 560pF , 50V , JA	HCUS1H561JA	
	C587	00D 943 0043 405	CHIP 560pF , 50V , JA	HCUS1H561JA	
	C589	00D 943 0045 102	ELECT 10uF , 35V	HCEA1VH100T	
	C590	00D 943 0045 102	ELECT 10uF , 35V	HCEA1VH100T	
	C591	00D 943 0061 209	MYLAR 8200PF 50V J	HCQI1H822JZT	
	C592	00D 943 0061 209	MYLAR 8200PF 50V J	HCQI1H822JZT	
	C593	00D 943 0061 306	MYLAR 0.015UF 50V J	HCQI1H153JZT	
	C594	00D 943 0061 306	MYLAR 0.015UF 50V J	HCQI1H153JZT	
	C595	00D 943 0058 704	FILM 0.33UF 63V J	KCFE1J334JBT	
	C596	00D 943 0058 704	FILM 0.33UF 63V J	KCFE1J334JBT	
	C599	00D 943 0062 101	ELECT 100uF , 16V	HCEA1CH101T	
	C600	00D 943 0062 101	ELECT 100uF , 16V	HCEA1CH101T	
	C601	00D 943 0045 102	ELECT 10uF , 35V	HCEA1VH100T	
	C602	00D 943 0045 102	ELECT 10uF , 35V	HCEA1VH100T	
	C603	00D 943 0044 307	CHIP 100pF , 50V , JA	HCUS1H101JA	
	C604	00D 943 0044 103	CHIP 0.01uF , 50V , KC	HCUS1H103KC	
	C605	00D 943 0045 102	ELECT 10uF , 35V	HCEA1VH100T	
	C606	00D 943 0045 102	ELECT 10uF , 35V	HCEA1VH100T	
	C607	00D 943 0043 405	CHIP 560pF , 50V , JA	HCUS1H561JA	
	C608	00D 943 0043 405	CHIP 560pF , 50V , JA	HCUS1H561JA	
	C609	00D 943 0043 706	CHIP 0.022uF , 50V , KC	HCUS1H223KC	
	C610	00D 943 0043 706	CHIP 0.022uF , 50V , KC	HCUS1H223KC	
	C611	00D 943 0043 706	CHIP 0.022uF , 50V , KC	HCUS1H223KC	
	C615	00D 943 0062 101	ELECT 100uF , 16V	HCEA1CH101T	
	C616	00D 943 0062 208	ELECT 470uF , 10V	HCEA1AH471T	
	C619	00D 943 0045 500	ELECT 220uF , 25V	HCEA1EH221T	
	C621	00D 943 0061 607	ELECT 4.7uF , 50V	HCEA1HH4R7T	
	C622	00D 943 0061 607	ELECT 4.7uF , 50V	HCEA1HH4R7T	
	C625	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C626	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C627	00D 943 0062 208	ELECT 470uF , 10V	HCEA1AH471T	
	C628	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C629	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C630	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C639	00D 943 0043 803	CHIP 220pF , 50V , JA	HCUS1H221JA	
	C640	00D 943 0043 803	CHIP 220pF , 50V , JA	HCUS1H221JA	
	C647	00D 943 0060 802	CHIP 270pF , 50V , JA	HCUS1H271JA	
	C648	00D 943 0060 909	CHIP 150pF , 50V , JA	HCUS1H151JA	
	C651	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C653	00D 943 0061 801	ELECT 47uF , 25V 105°C	HCEA1EH470TS	
	C654	00D 943 0061 801	ELECT 47uF , 25V 105°C	HCEA1EH470TS	
	C655	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C656	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C657	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C658	00D 943 0061 908	ELECT 100uF , 25V	HCEA1EH101T	
	C659	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C660	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C661	00D 943 0061 403	ELECT 33uF , 100V , 105Åé	HCEA2AH330TS	
	C662	00D 943 0061 403	ELECT 33uF , 100V , 105Åé	HCEA2AH330TS	
	C663	00D 943 0065 603	CHIP 0.1uF /100V , KB	CCUP2A104KB	
	C664	00D 943 0065 603	CHIP 0.1uF /100V , KB	CCUP2A104KB	
	C665	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C666	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C667	00D 943 0061 704	ELECT 470uF , 50V	HCEA1HH471E	

	Ref.No.	Part No.	Part Name	Remarks	New
	C668	00D 943 0061 704	ELECT 470uF , 50V	HCEA1HH471E	
	C669	00D 943 0043 609	CHIP 0.047uF , 50V , ZF	HCUS1H473ZF	
	C670	00D 943 0043 609	CHIP 0.047uF , 50V , ZF	HCUS1H473ZF	
	C671	00D 943 0056 803	METALLIZED FILM 0.15uF /100V , J	CCME2A154JXT	
	C672	00D 943 0056 803	METALLIZED FILM 0.15uF /100V , J	CCME2A154JXT	
	C673	00D 943 0056 803	METALLIZED FILM 0.15uF /100V , J	CCME2A154JXT	
	C674	00D 943 0056 803	METALLIZED FILM 0.15uF /100V , J	CCME2A154JXT	
	C675	00D 943 0060 705	CHIP 4700pF , 50V , JA	HCUS1H472KC	
	C676	00D 943 0060 705	CHIP 4700pF , 50V , JA	HCUS1H472KC	
	C677	00D 943 0060 705	CHIP 4700pF , 50V , JA	HCUS1H472KC	
	C678	00D 943 0060 705	CHIP 4700pF , 50V , JA	HCUS1H472KC	
	C681	00D 943 0045 102	ELECT 10uF , 35V	HCEA1VH100T	
	C682	00D 943 0045 102	ELECT 10uF , 35V	HCEA1VH100T	
	C683	00D 943 0044 307	CHIP 100pF , 50V , JA	HCUS1H101JA	
	C684	00D 943 0044 307	CHIP 100pF , 50V , JA	HCUS1H101JA	
	C687	00D 943 0045 102	ELECT 10uF , 35V	HCEA1VH100T	
	C688	00D 943 0045 102	ELECT 10uF , 35V	HCEA1VH100T	
	C689	00D 943 0044 103	CHIP 0.01uF , 50V , KC	HCUS1H103KC	
	C690	00D 943 0044 103	CHIP 0.01uF , 50V , KC	HCUS1H103KC	
	C691	00D 943 0043 706	CHIP 0.022uF , 50V , KC	HCUS1H223KC	
	C692	00D 943 0043 706	CHIP 0.022uF , 50V , KC	HCUS1H223KC	
	C693	00D 943 0043 706	CHIP 0.022uF , 50V , KC	HCUS1H223KC	
	C698	00D 943 0044 200	CHIP 1000pF , 50V , KC	HCUS1H102KC	
	C701	00D 943 0045 102	ELECT 10uF , 35V	HCEA1VH100T	
	C702	00D 943 0045 102	ELECT 10uF , 35V	HCEA1VH100T	
	C703	00D 943 0044 307	CHIP 100pF , 50V , JA	HCUS1H101JA	
	C704	00D 943 0044 307	CHIP 100pF , 50V , JA	HCUS1H101JA	
	C705	00D 943 0045 102	ELECT 10uF , 35V	HCEA1VH100T	
	C706	00D 943 0045 102	ELECT 10uF , 35V	HCEA1VH100T	
	C707	00D 943 0043 405	CHIP 560pF , 50V , JA	HCUS1H561JA	
	C708	00D 943 0043 405	CHIP 560pF , 50V , JA	HCUS1H561JA	
	C709	00D 943 0043 706	CHIP 0.022uF , 50V , KC	HCUS1H223KC	
	C710	00D 943 0043 706	CHIP 0.022uF , 50V , KC	HCUS1H223KC	
	C711	00D 943 0043 706	CHIP 0.022uF , 50V , KC	HCUS1H223KC	
	C721	00D 943 0061 607	ELECT 4.7uF , 50V	HCEA1HH4R7T	
	C722	00D 943 0061 607	ELECT 4.7uF , 50V	HCEA1HH4R7T	
	C725	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C726	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C727	00D 943 0062 208	ELECT 470uF , 10V	HCEA1AH471T	
	C728	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C729	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C730	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C739	00D 943 0043 803	CHIP 220pF , 50V , JA	HCUS1H221JA	
	C740	00D 943 0043 803	CHIP 220pF , 50V , JA	HCUS1H221JA	
	C747	00D 943 0060 802	CHIP 270pF , 50V , JA	HCUS1H271JA	
	C748	00D 943 0060 909	CHIP 150pF , 50V , JA	HCUS1H151JA	
	C751	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C753	00D 943 0061 801	ELECT 47uF , 25V 105°C	HCEA1EH470TS	
	C754	00D 943 0061 801	ELECT 47uF , 25V 105°C	HCEA1EH470TS	
	C755	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C756	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C757	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C758	00D 943 0061 908	ELECT 100uF , 25V	HCEA1EH101T	
	C759	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C760	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C761	00D 943 0061 403	ELECT 33uF , 100V , 105Åé	HCEA2AH330TS	
	C762	00D 943 0061 403	ELECT 33uF , 100V , 105Åé	HCEA2AH330TS	
	C763	00D 943 0065 603	CHIP 0.1uF /100V , KB	CCUP2A104KB	
	C764	00D 943 0065 603	CHIP 0.1uF /100V , KB	CCUP2A104KB	
	C765	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C766	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C767	00D 943 0061 704	ELECT 470uF , 50V	HCEA1HH471E	
	C768	00D 943 0061 704	ELECT 470uF , 50V	HCEA1HH471E	
	C769	00D 943 0043 609	CHIP 0.047uF , 50V , ZF	HCUS1H473ZF	
	C770	00D 943 0043 609	CHIP 0.047uF , 50V , ZF	HCUS1H473ZF	
	C771	00D 943 0056 803	METALLIZED FILM 0.15uF /100V , J	CCME2A154JXT	
	C772	00D 943 0056 803	METALLIZED FILM 0.15uF /100V , J	CCME2A154JXT	

	Ref.No.	Part No.	Part Name	Remarks	New
	C773	00D 943 0056 803	METALLIZED FILM 0.15uF /100V , J	CCME2A154JXT	
	C774	00D 943 0056 803	METALLIZED FILM 0.15uF /100V , J	CCME2A154JXT	
	C775	00D 943 0060 705	CHIP 4700pF , 50V , JA	HCUS1H472KC	
	C776	00D 943 0060 705	CHIP 4700pF , 50V , JA	HCUS1H472KC	
	C777	00D 943 0060 705	CHIP 4700pF , 50V , JA	HCUS1H472KC	
	C778	00D 943 0060 705	CHIP 4700pF , 50V , JA	HCUS1H472KC	
	C780	00D 943 0062 101	ELECT 100uF , 16V	HCEA1CH101T	
	C781	00D 943 0045 102	ELECT 10uF , 35V	HCEA1VH100T	
	C782	00D 943 0045 102	ELECT 10uF , 35V	HCEA1VH100T	
	C787	00D 943 0043 803	CHIP 220pF , 50V , JA	HCUS1H221JA	
	C788	00D 943 0043 803	CHIP 220pF , 50V , JA	HCUS1H221JA	
	C789	00D 943 0062 101	ELECT 100uF , 16V	HCEA1CH101T	
	C790	00D 943 0062 101	ELECT 100uF , 16V	HCEA1CH101T	
	C791	00D 943 0043 405	CHIP 560pF , 50V , JA	HCUS1H561JA	
	C792	00D 943 0043 405	CHIP 560pF , 50V , JA	HCUS1H561JA	
	C793	00D 943 0062 101	ELECT 100uF , 16V	HCEA1CH101T	
	C794	00D 943 0062 101	ELECT 100uF , 16V	HCEA1CH101T	
	C801	00D 943 0045 102	ELECT 10uF , 35V	HCEA1VH100T	
	C802	00D 943 0045 102	ELECT 10uF , 35V	HCEA1VH100T	
	C803	00D 943 0044 307	CHIP 100pF , 50V , JA	HCUS1H101JA	
	C804	00D 943 0044 307	CHIP 100pF , 50V , JA	HCUS1H101JA	
	C805	00D 943 0045 102	ELECT 10uF , 35V	HCEA1VH100T	
	C806	00D 943 0045 102	ELECT 10uF , 35V	HCEA1VH100T	
	C807	00D 943 0043 405	CHIP 560pF , 50V , JA	HCUS1H561JA	
	C808	00D 943 0043 405	CHIP 560pF , 50V , JA	HCUS1H561JA	
	C809	00D 943 0043 706	CHIP 0.022uF , 50V , KC	HCUS1H223KC	
	C810	00D 943 0043 706	CHIP 0.022uF , 50V , KC	HCUS1H223KC	
	C812	00D 943 0043 706	CHIP 0.022uF , 50V , KC	HCUS1H223KC	
	C813	00D 943 0044 200	CHIP 1000pF , 50V , KC	HCUS1H102KC	
	C814	00D 943 0044 200	CHIP 1000pF , 50V , KC	HCUS1H102KC	
	C830	00D 943 0043 609	CHIP 0.047uF , 50V , ZF	HCUS1H473ZF	
	C853	00D 943 0061 500	ELECT 10uF , 35V	HCEA1VKS100T	
	C854	00D 943 0061 500	ELECT 10uF , 35V	HCEA1VKS100T	
	C855	00D 943 0061 500	ELECT 10uF , 35V	HCEA1VKS100T	
	C856	00D 943 0061 500	ELECT 10uF , 35V	HCEA1VKS100T	
	C881	00D 943 0062 004	ELECT 10uF , 16V KS	HCEA1CKS100T	
	C882	00D 943 0062 004	ELECT 10uF , 16V KS	HCEA1CKS100T	
	C883	00D 943 0043 405	CHIP 560pF , 50V , JA	HCUS1H561JA	
	C884	00D 943 0043 405	CHIP 560pF , 50V , JA	HCUS1H561JA	
	C885	00D 943 0062 101	ELECT 100uF , 16V	HCEA1CH101T	
	C886	00D 943 0061 102	TANTAL 1uF , 50V	HCSHC1H1R0B	
	C887	00D 943 0061 102	TANTAL 1uF , 50V	HCSHC1H1R0B	
	C888	00D 943 0061 102	TANTAL 1uF , 50V	HCSHC1H1R0B	
	C889	00D 943 0061 102	TANTAL 1uF , 50V	HCSHC1H1R0B	
	C891	00D 943 0043 706	CHIP 0.022uF , 50V , KC	HCUS1H223KC	
	C892	00D 943 0062 101	ELECT 100uF , 16V	HCEA1CH101T	
	C893	00D 943 0046 101	ELECT 10uF , 16V	HCEA1CH100T	
	C895	00D 943 0061 005	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C897	00D 943 0045 704	ELECT 100uF , 16V KS	HCEA1CKS101T	
	C898	00D 943 0062 208	ELECT 470uF , 10V	HCEA1AH471T	
OTHER PARTS GROUP					
	BD51	00D 943 0042 309	BEAD HB-1M1608-601JT	HLZ9Z018Z	
	BD52	00D 943 0042 309	BEAD HB-1M1608-601JT	HLZ9Z018Z	
	BD55	00D 943 0042 406	BEAD HU-1H4516-600JT	HLZ9Z014Z	
	BD56	00D 943 0042 406	BEAD HU-1H4516-600JT	HLZ9Z014Z	
	BD61	00D 943 0042 309	BEAD HB-1M1608-601JT	HLZ9Z018Z	
	BD62	00D 943 0042 309	BEAD HB-1M1608-601JT	HLZ9Z018Z	
	BD65	00D 943 0042 406	BEAD HU-1H4516-600JT	HLZ9Z014Z	
	BD66	00D 943 0042 406	BEAD HU-1H4516-600JT	HLZ9Z014Z	
	BD71	00D 943 0042 309	BEAD HB-1M1608-601JT	HLZ9Z018Z	
	BD72	00D 943 0042 309	BEAD HB-1M1608-601JT	HLZ9Z018Z	
	BD75	00D 943 0042 406	BEAD HU-1H4516-600JT	HLZ9Z014Z	
	BD76	00D 943 0042 406	BEAD HU-1H4516-600JT	HLZ9Z014Z	
	BD77	00D 943 0035 701	BEAD , CORE	KLZ9H001Z	
	BD81	00D 943 0042 309	BEAD HB-1M1608-601JT	HLZ9Z018Z	

	Ref.No.	Part No.	Part Name	Remarks	New
	BD82	00D 943 0042 309	BEAD HB-1M1608-601JT	HLZ9Z018Z	
	BN41	00D 943 0062 305	WIRE ASS'Y (GND) 2 P GND(BLACK)	CWZQDR1000JW51	
	BN91	00D 943 0062 402	WIRE ASS'Y	CWB3F005150UZ	
	CN13	00D 943 0035 808	WAFER , CARD CABLE GF102-23S-TS	KJP23GA117ZG	
	CN23	00D 943 0036 001	WAFER , CARD CABLE GF102-17S-TS	KJP17GA117ZG	
	CN32	00D 943 0036 807	WAFER MOLEX 5267-02A	KJP02GA01ZM	
	CN89	00D 943 0058 607	WAFER	KJP02GA68ZG	
	JK51	00D 943 0065 302	TERMINAL , SPEAKER(4P) PTB-408SA	CJJ5P014Z	
	JK61	00D 943 0065 205	TERMINAL , SPEAKER AVR-97	CJJ5Q010W	
	JK62	00D 943 0065 506	JACK , RCA 1P RCA-115A-06	CJJ4M052Z	
	JK82	00D 943 0065 409	JACK , RCA RCA-215A-15	CJJ4N073Z	
	L557	00D 943 0065 108	100UH 6700-101K	CLZ9Z016Z	
	L565	00D 943 0065 001	SPEAKER (18UH/7A) 8019-11-180L	CLZ9Z045Z	
	L566	00D 943 0065 001	SPEAKER (18UH/7A) 8019-11-180L	CLZ9Z045Z	
	L657	00D 943 0065 108	100UH 6700-101K	CLZ9Z016Z	
	L665	00D 943 0065 001	SPEAKER (18UH/7A) 8019-11-180L	CLZ9Z045Z	
	L666	00D 943 0065 001	SPEAKER (18UH/7A) 8019-11-180L	CLZ9Z045Z	
	L757	00D 943 0065 108	100UH 6700-101K	CLZ9Z016Z	
	L765	00D 943 0065 001	SPEAKER (18UH/7A) 8019-11-180L	CLZ9Z045Z	
	L766	00D 943 0065 001	SPEAKER (18UH/7A) 8019-11-180L	CLZ9Z045Z	
	RL51	00D 943 0060 608	RELAY OSA-SS-212DM3	HSL4A004ZU	
	RL61	00D 943 0060 608	RELAY OSA-SS-212DM3	HSL4A004ZU	
	RL71	00D 943 0060 608	RELAY OSA-SS-212DM3	HSL4A004ZU	
	VR51	00D 943 0059 402	RES RH0638C-103	HVN1RA103B01T	
	VR52	00D 943 0059 402	RES RH0638C-103	HVN1RA103B01T	
	VR61	00D 943 0059 402	RES RH0638C-103	HVN1RA103B01T	
	VR62	00D 943 0059 402	RES RH0638C-103	HVN1RA103B01T	
	VR71	00D 943 0059 402	RES RH0638C-103	HVN1RA103B01T	
	VR72	00D 943 0059 402	RES RH0638C-103	HVN1RA103B01T	

DSP P.W.B. UNIT ASS'Y

	Ref.No.	Part No.	Part Name	Remarks	New
SEMICONDUCTORS GROUP					
	IC31	00D 943 0040 204	I.C CS49400-CQ	HVICS49400-CQ	
	IC32	00D 943 0039 008	I.C 1117S-2.5	HVILM1117S-2V5	
	IC33	00D 943 0038 902	I.C 1117S-3.3	HVILM1117S-3V3	
	IC38	00D 943 0040 602	I.C SN74LVC08APWR	HVI74LVC08APWR	
	IC39	00D 943 0007 108	I.C NJM2068MD-TE1	HVINJM2068MDTE1	
	IC40	00D 943 0007 108	I.C NJM2068MD-TE1	HVINJM2068MDTE1	
	IC41	00D 943 0007 108	I.C NJM2068MD-TE1	HVINJM2068MDTE1	
	IC43	00D 943 0007 108	I.C NJM2068MD-TE1	HVINJM2068MDTE1	
	IC45	00D 943 0007 108	I.C NJM2068MD-TE1	HVINJM2068MDTE1	
	IC47	00D 943 0007 108	I.C NJM2068MD-TE1	HVINJM2068MDTE1	
	IC51	00D 943 0040 301	I.C CS42528-CQ	HVICS42528-CQ	
	IC53	00D 943 0038 805	I.C MX29LV400TTC-70	HVIMX29LV400TTC	
	IC54	00D 943 0040 505	I.C SN74LVC32APWR	HVI74LVC32APWR	
	IC55	00D 943 0038 504	I.C PCM1754DBQR	HVPCM1754DBQR	
	IC56	00D 943 0007 108	I.C NJM2068MD-TE1	HVINJM2068MDTE1	
	D311	00D 943 0035 002	DIODE 1N4003	KVD1N4003SRT	
	D312	00D 943 0041 106	DIODE RB160L-60TE25	HVDRB160L60TE25	
	D313	00D 943 0041 106	DIODE RB160L-60TE25	HVDRB160L60TE25	
	Q400	00D 943 0038 009	T.R KRA102S	HVTKRA102S	
	Q401	00D 943 0037 903	T.R KRC102S	HVTKRC102S	
	Q402	00D 943 0037 903	T.R KRC102S	HVTKRC102S	
	Q411	00D 943 0037 107	T.R KTD1304	HVTKTD1304T	
	Q412	00D 943 0037 107	T.R KTD1304	HVTKTD1304T	
	Q431	00D 943 0037 107	T.R KTD1304	HVTKTD1304T	
	Q432	00D 943 0037 107	T.R KTD1304	HVTKTD1304T	
	Q451	00D 943 0037 107	T.R KTD1304	HVTKTD1304T	
	Q452	00D 943 0037 107	T.R KTD1304	HVTKTD1304T	
	Q471	00D 943 0037 107	T.R KTD1304	HVTKTD1304T	
	Q472	00D 943 0037 107	T.R KTD1304	HVTKTD1304T	
	Q551	00D 943 0037 107	T.R KTD1304	HVTKTD1304T	
	Q552	00D 943 0037 107	T.R KTD1304	HVTKTD1304T	
	Q553	00D 943 0038 009	T.R KRA102S	HVTKRA102S	
RESISTORS GROUP					
	R300	00D 943 0051 905	RESISTOR (0 OHM , 1/10W , J)	CRJ10DJ0R0T	
	R530	00D 943 0051 905	RESISTOR (0 OHM , 1/10W , J)	CRJ10DJ0R0T	
	R531	00D 943 0051 905	RESISTOR (0 OHM , 1/10W , J)	CRJ10DJ0R0T	
	R535	00D 943 0051 905	RESISTOR (0 OHM , 1/10W , J)	CRJ10DJ0R0T	
CAPACITORS GROUP					
	C301	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C302	00D 943 0016 102	ELECT 1000uF , 6.3V	HCEA0JH102T	
	C303	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C304	00D 943 0044 307	CHIP 100pF , 50V , JA	HCUS1H101JA	
	C305	00D 943 0044 307	CHIP 100pF , 50V , JA	HCUS1H101JA	
	C307	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C311	00D 943 0044 307	CHIP 100pF , 50V , JA	HCUS1H101JA	
	C313	00D 943 0044 705	MYLAR 2700pF , 50V , J	HCQI1H272JZT	
	C314	00D 943 0044 705	MYLAR 2700pF , 50V , J	HCQI1H272JZT	
	C318	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C319	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C320	00D 943 0045 102	ELECT 10uF 35V	HCEA1VH100T	
	C321	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C325	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C326	00D 943 0016 131	ELECT 100uF , 16V	HCEA1CH101T	
	C329	00D 943 0016 267	CHIP 33pF , 50V , JA	HCUS1H330JA	
	C333	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C334	00D 943 0016 131	ELECT 100uF , 16V	HCEA1CH101T	
	C335	00D 943 0044 404	CHIP 10pF , 50V , JA	HCUS1H100JA	
	C338	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C339	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	

	Ref.No.	Part No.	Part Name	Remarks	New
	C340	00D 943 0016 173	ELECT 47uF 25V	HCEA1EH470T	
	C341	00D 943 0016 173	ELECT 47uF 25V	HCEA1EH470T	
	C342	00D 943 0045 102	ELECT 10uF 35V	HCEA1VH100T	
	C343	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C344	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C345	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C346	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C347	00D 943 0045 102	ELECT 10uF 35V	HCEA1VH100T	
	C349	00D 943 0045 102	ELECT 10uF 35V	HCEA1VH100T	
	C350	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C351	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C354	00D 943 0016 267	CHIP 33pF , 50V , JA	HCUS1H330JA	
	C356	00D 943 0016 267	CHIP 33pF , 50V , JA	HCUS1H330JA	
	C360	00D 943 0016 267	CHIP 33pF , 50V , JA	HCUS1H330JA	
	C363	00D 943 0016 267	CHIP 33pF , 50V , JA	HCUS1H330JA	
	C364	00D 943 0016 131	ELECT 100uF , 16V	HCEA1CH101T	
	C366	00D 943 0044 404	CHIP 10pF , 50V , JA	HCUS1H100JA	
	C367	00D 943 0044 404	CHIP 10pF , 50V , JA	HCUS1H100JA	
	C368	00D 943 0045 403	ELECT 2.2uF 50V	HCEA1HH2R2T	
	C371	00D 943 0044 103	CHIP 0.01uF , 50V , KC	HCUS1H103KC	
	C373	00D 943 0044 501	CHIP 1uF , 16V , ZF	HCUS1C105ZF	
	C377	00D 943 0044 307	CHIP 100pF , 50V , JA	HCUS1H101JA	
	C378	00D 943 0044 307	CHIP 100pF , 50V , JA	HCUS1H101JA	
	C380	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C382	00D 943 0016 267	CHIP 33pF , 50V , JA	HCUS1H330JA	
	C384	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C385	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C386	00D 943 0045 102	ELECT 10uF 35V	HCEA1VH100T	
	C388	00D 943 0044 006	CHIP 1200pF , 50V , KC	HCUS1H122KC	
	C389	00D 943 0043 308	CHIP 68pF , 50V , JA	HCUS1H680JA	
	C394	00D 943 0045 102	ELECT 10uF 35V	HCEA1VH100T	
	C395	00D 943 0043 803	CHIP 220pF , 50V , JA	HCUS1H221JA	
	C396	00D 943 0043 803	CHIP 220pF , 50V , JA	HCUS1H221JA	
	C397	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C398	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C410	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C411	00D 943 0025 863	MYLAR 3300pF , 50V , J	HCQI1H332JZT	
	C412	00D 943 0025 863	MYLAR 3300pF , 50V , J	HCQI1H332JZT	
	C413	00D 943 0043 405	CHIP 560pF , 50V , JA	HCUS1H561JA	
	C414	00D 943 0043 405	CHIP 560pF , 50V , JA	HCUS1H561JA	
	C419	00D 943 0045 102	ELECT 10uF 35V	HCEA1VH100T	
	C420	00D 943 0045 102	ELECT 10uF 35V	HCEA1VH100T	
	C421	00D 943 0025 863	MYLAR 3300pF , 50V , J	HCQI1H332JZT	
	C422	00D 943 0025 863	MYLAR 3300pF , 50V , J	HCQI1H332JZT	
	C423	00D 943 0043 405	CHIP 560pF , 50V , JA	HCUS1H561JA	
	C424	00D 943 0043 405	CHIP 560pF , 50V , JA	HCUS1H561JA	
	C427	00D 943 0043 609	CHIP 0.047uF , 50V , ZF	HCUS1H473ZF	
	C428	00D 943 0043 609	CHIP 0.047uF , 50V , ZF	HCUS1H473ZF	
	C429	00D 943 0044 103	CHIP 0.01uF , 50V , KC	HCUS1H103KC	
	C430	00D 943 0044 103	CHIP 0.01uF , 50V , KC	HCUS1H103KC	
	C431	00D 943 0025 863	MYLAR 3300pF , 50V , J	HCQI1H332JZT	
	C432	00D 943 0025 863	MYLAR 3300pF , 50V , J	HCQI1H332JZT	
	C433	00D 943 0043 706	CHIP 0.022uF , 50V , KC	HCUS1H223KC	
	C434	00D 943 0043 405	CHIP 560pF , 50V , JA	HCUS1H561JA	
	C439	00D 943 0045 102	ELECT 10uF 35V	HCEA1VH100T	
	C440	00D 943 0045 102	ELECT 10uF 35V	HCEA1VH100T	
	C441	00D 943 0025 863	MYLAR 3300pF , 50V , J	HCQI1H332JZT	
	C442	00D 943 0025 863	MYLAR 3300pF , 50V , J	HCQI1H332JZT	
	C443	00D 943 0043 706	CHIP 0.022uF , 50V , KC	HCUS1H223KC	
	C444	00D 943 0043 405	CHIP 560pF , 50V , JA	HCUS1H561JA	
	C447	00D 943 0043 609	CHIP 0.047uF , 50V , ZF	HCUS1H473ZF	
	C448	00D 943 0043 609	CHIP 0.047uF , 50V , ZF	HCUS1H473ZF	
	C449	00D 943 0043 706	CHIP 0.022uF , 50V , KC	HCUS1H223KC	
	C450	00D 943 0044 103	CHIP 0.01uF , 50V , KC	HCUS1H103KC	
	C451	00D 943 0025 863	MYLAR 3300pF , 50V , J	HCQI1H332JZT	
	C452	00D 943 0025 863	MYLAR 3300pF , 50V , J	HCQI1H332JZT	
	C453	00D 943 0043 405	CHIP 560pF , 50V , JA	HCUS1H561JA	

	Ref.No.	Part No.	Part Name	Remarks	New
	C454	00D 943 0043 405	CHIP 560pF , 50V , JA	HCUS1H561JA	
	C459	00D 943 0045 102	ELECT 10uF 35V	HCEA1VH100T	
	C460	00D 943 0045 102	ELECT 10uF 35V	HCEA1VH100T	
	C461	00D 943 0025 863	MYLAR 3300pF , 50V , J	HCQI1H332JZT	
	C462	00D 943 0025 863	MYLAR 3300pF , 50V , J	HCQI1H332JZT	
	C463	00D 943 0043 405	CHIP 560pF , 50V , JA	HCUS1H561JA	
	C464	00D 943 0043 405	CHIP 560pF , 50V , JA	HCUS1H561JA	
	C467	00D 943 0043 609	CHIP 0.047uF , 50V , ZF	HCUS1H473ZF	
	C468	00D 943 0043 609	CHIP 0.047uF , 50V , ZF	HCUS1H473ZF	
	C469	00D 943 0044 103	CHIP 0.01uF , 50V , KC	HCUS1H103KC	
	C470	00D 943 0044 103	CHIP 0.01uF , 50V , KC	HCUS1H103KC	
	C471	00D 943 0025 863	MYLAR 3300pF , 50V , J	HCQI1H332JZT	
	C472	00D 943 0025 863	MYLAR 3300pF , 50V , J	HCQI1H332JZT	
	C473	00D 943 0043 405	CHIP 560pF , 50V , JA	HCUS1H561JA	
	C474	00D 943 0043 405	CHIP 560pF , 50V , JA	HCUS1H561JA	
	C479	00D 943 0045 102	ELECT 10uF 35V	HCEA1VH100T	
	C480	00D 943 0045 102	ELECT 10uF 35V	HCEA1VH100T	
	C481	00D 943 0025 863	MYLAR 3300pF , 50V , J	HCQI1H332JZT	
	C482	00D 943 0025 863	MYLAR 3300pF , 50V , J	HCQI1H332JZT	
	C483	00D 943 0043 405	CHIP 560pF , 50V , JA	HCUS1H561JA	
	C484	00D 943 0043 405	CHIP 560pF , 50V , JA	HCUS1H561JA	
	C487	00D 943 0043 609	CHIP 0.047uF , 50V , ZF	HCUS1H473ZF	
	C488	00D 943 0043 609	CHIP 0.047uF , 50V , ZF	HCUS1H473ZF	
	C489	00D 943 0044 103	CHIP 0.01uF , 50V , KC	HCUS1H103KC	
	C490	00D 943 0044 103	CHIP 0.01uF , 50V , KC	HCUS1H103KC	
	C501	00D 943 0046 101	ELECT 10uF , 16V	HCEA1CH100T	
	C502	00D 943 0044 103	CHIP 0.01uF , 50V , KC	HCUS1H103KC	
	C511	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C512	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C513	00D 943 0046 101	ELECT 10uF , 16V	HCEA1CH100T	
	C514	00D 943 0044 307	CHIP 100pF , 50V , JA	HCUS1H101JA	
	C516	00D 943 0044 307	CHIP 100pF , 50V , JA	HCUS1H101JA	
	C517	00D 943 0044 307	CHIP 100pF , 50V , JA	HCUS1H101JA	
	C519	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C522	00D 943 0045 209	ELECT 4.7uF 50V	HCEA1HKS4R7T	
	C523	00D 943 0045 209	ELECT 4.7uF 50V	HCEA1HKS4R7T	
	C524	00D 943 0045 209	ELECT 4.7uF 50V	HCEA1HKS4R7T	
	C525	00D 943 0045 209	ELECT 4.7uF 50V	HCEA1HKS4R7T	
	C526	00D 943 0016 131	ELECT 100uF , 16V	HCEA1CH101T	
	C527	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C528	00D 943 0016 131	ELECT 100uF , 16V	HCEA1CH101T	
	C529	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C530	00D 943 0016 131	ELECT 100uF , 16V	HCEA1CH101T	
	C531	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C532	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C533	00D 943 0044 200	CHIP 1000pF , 50V , KC	HCUS1H102KC	
	C534	00D 943 0044 802	MYLAR 0.022uF , 50V , J	HCQI1H223JZT	
	C535	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C536	00D 943 0044 103	CHIP 0.01uF , 50V , KC	HCUS1H103KC	
	C537	00D 943 0044 103	CHIP 0.01uF , 50V , KC	HCUS1H103KC	
	C538	00D 943 0044 103	CHIP 0.01uF , 50V , KC	HCUS1H103KC	
	C539	00D 943 0046 101	ELECT 10uF , 16V	HCEA1CH100T	
	C540	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C542	00D 943 0044 404	CHIP 10pF , 50V , JA	HCUS1H100JA	
	C543	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C544	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C545	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C546	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C547	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C549	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C550	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C551	00D 943 0044 404	CHIP 10pF , 50V , JA	HCUS1H100JA	
	C553	00D 943 0016 267	CHIP 33pF , 50V , JA	HCUS1H330JA	
	C560	00D 943 0016 144	ELECT 220uF , 16V	HCEA1CH221T	
	C561	00D 943 0046 101	ELECT 10uF , 16V	HCEA1CH100T	
	C562	00D 943 0046 101	ELECT 10uF , 16V	HCEA1CH100T	
	C563	00D 943 0043 104	CHIP 820pF , 50V , JA	HCUS1H821JA	

	Ref.No.	Part No.	Part Name	Remarks	New
	C564	00D 943 0043 104	CHIP 820pF , 50V , JA	HCUS1H821JA	
	C565	00D 943 0043 201	CHIP 680pF , 50V , JA	HCUS1H681JA	
	C566	00D 943 0043 201	CHIP 680pF , 50V , JA	HCUS1H681JA	
	C567	00D 943 0044 307	CHIP 100pF , 50V , JA	HCUS1H101JA	
	C568	00D 943 0044 307	CHIP 100pF , 50V , JA	HCUS1H101JA	
	C569	00D 943 0046 101	ELECT 10uF ,16V	HCEA1CH100T	
	C570	00D 943 0046 101	ELECT 10uF , 16V	HCEA1CH100T	
	C571	00D 943 0043 609	CHIP 0.047uF , 50V , ZF	HCUS1H473ZF	
	C572	00D 943 0043 609	CHIP 0.047uF , 50V , ZF	HCUS1H473ZF	
	C573	00D 943 0044 307	CHIP 100pF , 50V , JA	HCUS1H101JA	
	C574	00D 943 0044 307	CHIP 100pF , 50V , JA	HCUS1H101JA	
	C591	00D 943 0043 900	CHIP 22pF , 50V , JA	HCUS1H220JA	
	C592	00D 943 0043 900	CHIP 22pF , 50V , JA	HCUS1H220JA	
	C599	00D 943 0016 131	ELECT 100uF , 16V	HCEA1CH101T	
	C600	00D 943 0016 131	ELECT 100uF , 16V	HCEA1CH101T	
	C601	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C619	00D 943 0043 609	CHIP 0.047uF , 50V , ZF	HCUS1H473ZF	
	C654	00D 943 0045 102	ELECT 10uF 35V	HCEA1VH100T	
	C655	00D 943 0043 803	CHIP 220pF , 50V , JA	HCUS1H221JA	
	C656	00D 943 0043 803	CHIP 220pF , 50V , JA	HCUS1H221JA	
	C657	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
	C658	00D 943 0016 238	CHIP 0.1uF , 25V , ZF	HCUS1E104ZF	
OTHER PARTS GROUP					
	CN17	00D 943 0036 302	WAFER , CARD CABLE GF102-13S-TS	KJP13GA117ZG	
	CN20	00D 943 0035 905	WAFER , C.CABLE	KJP19GA117ZG	
	CN23	00D 943 0036 001	WAFER , CARD CABLE GF102-17S-TS	KJP17GA117ZG	
	CN31	00D 943 0025 009	WAFER	KJP03GA19ZM	
	CN41	00D 943 0036 807	WAFER MOLEX 5267-02A	KJP02GA01ZM	
	JK40	00D 943 0056 308	JACK , S-VIDEO (1P/H)	CJJ9M001Z	
	JK41	00D 943 0056 405	JACK , BOARD RCA-115A-05	CJJ4M049Z	
	JK42	00D 943 0056 502	JACK, BOARD SILVER PLATE	CJJ4M044Y	
	JK43	00D 943 0042 901	MODULE , OPTICAL(RX) TORX179L	HJSTORX179L	
	JK44	00D 943 0024 204	MODULE , OPTICAL(TX) TOTX179L	HJSTOTX179L	
	JW61	00D 943 0046 800	WIRE ASS'Y (GND) 2 P (80MM)	CWZADV500JW61	
	L311	00D 943 0042 503	COIL LEMC3225TYPE	HLZ9M011Z	
	L312	00D 943 0042 406	CHIP , BEAD HU-1H4516-600JT	HLZ9Z014Z	
	L313	00D 943 0042 406	CHIP , BEAD HU-1H4516-600JT	HLZ9Z014Z	
	L314	00D 943 0042 406	CHIP , BEAD HU-1H4516-600JT	HLZ9Z014Z	
	L315	00D 943 0042 503	COIL LEMC3225TYPE	HLZ9M011Z	
	L401	00D 943 0042 600	FERRITE INDUCTOR 2012-R68UH	HLQ08ER68KRZ	
	L402	00D 943 0042 600	FERRITE INDUCTOR 2012-R68UH	HLQ08ER68KRZ	
	L531	00D 943 0042 503	COIL LEMC3225TYPE	HLZ9M011Z	
	L532	00D 943 0042 503	COIL LEMC3225TYPE	HLZ9M011Z	
	X591	00D 943 0042 202	CRYSTAL(HC-49/S,ATS) 22P,R=25	HOX12288E220TFB	

FRONT P.W.B. UNIT ASS'Y

	Ref.No.	Part No.	Part Name	Remarks	New
SEMICONDUCTORS GROUP					
	IC91	00D 943 0039 105	IC LC75725E	HVILC75725E	
	IC92	00D 943 0039 503	REGULATOR KA78R12TU	HVIKA78R12	
	D901	00D 943 0047 605	L.E.D,BLUE TOL-52cSBbCEa-B3	CVD52CSBBCEAB3	
	D902	00D 943 0047 605	L.E.D,BLUE TOL-52cSBbCEa-B3	CVD52CSBBCEAB3	
	D903	00D 943 0004 004	L.E.D,RED SLR342VCTB7T089	HVD342VCTB7T089	
	D904	00D 943 0004 101	DIODE 1SS133T-77	HVD1SS133MT	
	D905	00D 943 0041 902	DIODE 1N5819	HVD1N5819T	
	Q901	00D 943 0004 305	TR KRC107M	HVTKRC107MT	
	Q902	00D 943 0004 305	TR KRC107M	HVTKRC107MT	
	FL91	00D 943 0033 606	V.F.D 11-BT-230GNK	HFL11BT230GNK	
	RC91	00D 943 0004 800	REMOCON SENSOR KSM-603TH2	HRVKSM603TH2	
CAPACITORS GROUP					
	C901	00D 943 0016 005	CERAMIC 1000uF , 50V, KB	HCBS1H102KBT	
	C902	00D 943 0046 402	CERAMIC 0.022uF , 50V , ZF	HCBS1H223ZFT	
	C903	00D 943 0016 212	ELECT 47uF , 16V	HCEA1CKS470T	
	C904	00D 943 0046 402	CERAMIC 0.022uF , 50V , ZF	HCBS1H223ZFT	
	C905	00D 943 0046 402	CERAMIC 0.022uF , 50V , ZF	HCBS1H223ZFT	
	C906	00D 943 0016 005	CERAMIC 1000uF , 50V, KB	HCBS1H102KBT	
	C907	00D 943 0016 212	ELECT 47uF , 16V	HCEA1CKS470T	
	C908	00D 943 0046 402	CERAMIC 0.022uF , 50V , ZF	HCBS1H223ZFT	
	C909	00D 943 0046 509	CERAMIC 22pF , 50V , JC	HCBS1H220JCT	
	C910	00D 943 0045 306	ELECT 2.2uF , 50V	HCEA1HKS2R2T	
	C911	00D 943 0046 402	CERAMIC 0.022uF , 50V , ZF	HCBS1H223ZFT	
	C912	00D 943 0046 402	CERAMIC 0.022uF , 50V , ZF	HCBS1H223ZFT	
	C913	00D 943 0046 402	CERAMIC 0.022uF , 50V , ZF	HCBS1H223ZFT	
	C914	00D 943 0046 402	CERAMIC 0.022uF , 50V , ZF	HCBS1H223ZFT	
	C915	00D 943 0046 402	CERAMIC 0.022uF , 50V , ZF	HCBS1H223ZFT	
	C916	00D 943 0046 305	CERAMIC 270pF , 50V , KB	HCBS1H271KBT	
	C917	00D 943 0046 305	CERAMIC 270pF , 50V , KB	HCBS1H271KBT	
	C918	00D 943 0046 305	CERAMIC 270pF , 50V , KB	HCBS1H271KBT	
	C919	00D 943 0045 306	ELECT 2.2uF , 50V	HCEA1HKS2R2T	
	C920	00D 943 0016 005	CERAMIC 1000uF , 50V, KB	HCBS1H102KBT	
	C921	00D 943 0046 208	CERAMIC 470pF , 50V , KB	HCBS1H471KBT	
	C922	00D 943 0016 212	ELECT 47uF , 16V	HCEA1CKS470T	
	C926	00D 943 0046 402	CERAMIC 0.022uF , 50V , ZF	HCBS1H223ZFT	
	C933	00D 943 0045 704	ELECT 100uF , 16V	HCEA1CKS101T	
	C934	00D 943 0046 402	CERAMIC 0.022uF , 50V , ZF	HCBS1H223ZFT	
	C985	00D 943 0045 704	ELECT 100uF , 16V	HCEA1CKS101T	
OTHER PARTS GROUP					
	BK91	00D 943 0031 802	BRACKET , FLT	CMD1A374	
	BK92	00D 943 0031 802	BRACKET , FLT	CMD1A374	
	BK93	00D 943 0055 309	BRACKET , PCB	CMD1A387	
	BK94	00D 943 0055 309	BRACKET , PCB	CMD1A387	
	BN15	00D 943 0046 703	WIRE ASS'Y	CWZADV500SDBN15	
	BN91	00D 943 0006 701	CARD CABLE , WAFER 15P 1M/M S/T	KJP15GA117ZG	
	CN10	00D 943 0035 808	WAFER , CARD CABLE GF102-23S-TS	KJP23GA117ZG	
	CN12	00D 943 0025 203	WAFER MOLEX53014-0710	KJP07GA19ZM	
	CN91	00D 943 0006 701	CARD CABLE , WAFER 15P 1M/M S/T	KJP15GA117ZG	
	CN94	00D 943 0036 108	WAFER 35237(15PIN)	KJP15GB99ZM	
	G901	00D 943 0055 406	PLATE , EARTH	CMC1A111	
	G903	00D 943 0055 406	PLATE , EARTH	CMC1A111	
	JK91	00D 943 0043 007	JACK , HEADPHONE	HJJ2D003Z	
	JK92	00D 943 0042 105	VOLUME ENCORDER EC16B24T01AZZZ	HSR2A030Z	
	S901	00D 943 0024 709	SW,TACT	KST1A010Z	
	S902	00D 943 0024 709	SW,TACT	KST1A010Z	
	S903	00D 943 0024 709	SW,TACT	KST1A010Z	
	S904	00D 943 0024 709	SW,TACT	KST1A010Z	
	S905	00D 943 0024 709	SW,TACT	KST1A010Z	

	Ref.No.	Part No.	Part Name	Remarks	New
	S906	00D 943 0024 709	SW,TACT	KST1A010Z	
	S907	00D 943 0024 709	SW,TACT	KST1A010Z	
	S908	00D 943 0024 709	SW,TACT	KST1A010Z	
	S909	00D 943 0024 709	SW,TACT	KST1A010Z	
	S910	00D 943 0024 709	SW,TACT	KST1A010Z	
	S911	00D 943 0024 709	SW,TACT	KST1A010Z	
		00D 943 0047 304	CARD CABLE 100mm , 15p , 1mm pitch	CWC1B2A15A100B6	

SMPS P.W.B. UNIT ASS'Y

	Ref.No.	Part No.	Part Name	Remarks	New
SEMICONDUCTORS GROUP					
	IC81	00D 943 0038 106	I.C TNY266P	HVITNY266P	
	IC82	00D 943 0039 707	I.C KA358/8-DIP	HVIKA358D	
	IC90	00D 943 0040 107	I.C FAN431AZXA	HVIFAN431A	
	IC91	00D 943 0040 107	I.C FAN431AZXA	HVIFAN431A	
	IC92	00D 943 0040 107	I.C FAN431AZXA	HVIFAN431A	
	IC93	00D 943 0005 605	I.C KA78LXXAZTA	HVIKA78L08AZT	
	IC94	00D 943 0040 107	I.C FAN431AZXA	HVIFAN431A	
	IC95	00D 943 0039 901	I.C KA1M0565R-YDTU	HVIKA1M0565RYD	
	IC96	00D 943 0039 600	I.C KA5Q1565RF-YDTU	HVIKA5Q1565RFYD	
	IC97	00D 943 0039 600	I.C KA5Q1565RF-YDTU	HVIKA5Q1565RFYD	
	IC98	00D 943 0039 202	I.C L7912(ST)	HVIL7912CP	
	IC99	00D 943 0039 804	REGULATOR KA278R12TU	HVIKA278R12	
	D901	00D 943 0041 601	DIODE, BRIDGE.(600V) GBJ1506	HVDGBJ1506	
	D905	00D 943 0040 806	DIODE UF4004	HVDUF4004T	
	D906	00D 943 0040 806	DIODE UF4004	HVDUF4004T	
	D907	00D 943 0040 709	DIODE UF4007	HVDUF4007T	
	D908	00D 943 0040 709	DIODE UF4007	HVDUF4007T	
	D909	00D 943 0040 806	DIODE UF4004	HVDUF4004T	
	D910	00D 943 0042 008	DIODE 1N4148	HVD1N4148T	
	D911	00D 943 0040 000	I.C FFPF10U20DN	HVIFFPF10U20DN	
	D912	00D 943 0040 000	I.C FFPF10U20DN	HVIFFPF10U20DN	
	D913	00D 943 0042 008	DIODE 1N4148	HVD1N4148T	
	D914	00D 943 0181 309	DIODE ASS'Y UF5404HZA	HVDUF5404HZA	
	D915	00D 943 0041 902	DIODE 1N5819	HVD1N5819T	
	D916	00D 943 0181 406	DIODE SF26T	HVDSF26T	
	D917	00D 943 0041 902	DIODE 1N5819	HVD1N5819T	
	D918	00D 943 0041 805	DIODE 1N5822	HVD1N5822	
	D919	00D 943 0042 008	DIODE 1N4148	HVD1N4148T	
	D920	00D 943 0041 902	DIODE 1N5819	HVD1N5819T	
	D921	00D 943 0040 806	DIODE UF4004	HVDUF4004T	
	D922	00D 943 0042 008	DIODE 1N4148	HVD1N4148T	
	D923	00D 943 0041 902	DIODE 1N5819	HVD1N5819T	
	D925	00D 943 0041 407	DIODE , ZENER	HVDMTZJ30BT	
	D926	00D 943 0041 407	DIODE , ZENER	HVDMTZJ30BT	
	D927	00D 943 0041 407	DIODE , ZENER	HVDMTZJ30BT	
	D928	00D 943 0041 407	DIODE , ZENER	HVDMTZJ30BT	
	D930	00D 943 0041 300	DIODE , ZENER 7.5V 1/2W	HVDMTZJ7.5BT	
	D931	00D 943 0041 300	DIODE , ZENER 7.5V 1/2W	HVDMTZJ7.5BT	
	D932	00D 943 0041 203	DIODE , ZENER 8.2V 1/2W	HVDMTZJ8.2BT	
	D933	00D 943 0041 504	DIODE , ZENER	HVDMTZJ3.9BT	
	D934	00D 943 0041 504	DIODE , ZENER	HVDMTZJ3.9BT	
	Q901	00D 943 0037 505	T.R KSC1008Y	HVTKSC1008YT	
	Q902	00D 943 0037 505	T.R KSC1008Y	HVTKSC1008YT	
	Q904	00D 943 0037 709	T.R KSA708Y	HVTKSA708YT	
	Q907	00D 943 0037 505	T.R KSC1008Y	HVTKSC1008YT	
	Q908	00D 943 0037 505	T.R KSC1008Y	HVTKSC1008YT	
	Q909	00D 943 0037 505	T.R KSC1008Y	HVTKSC1008YT	
	Q910	00D 943 0037 709	T.R KSA708Y	HVTKSA708YT	
	PC91	00D 943 0038 601	I.C PC-17L1CB	HVIPC17L1CB	
	PC92	00D 943 0038 601	I.C PC-17L1CB	HVIPC17L1CB	
	PC93	00D 943 0038 601	I.C PC-17L1CB	HVIPC17L1CB	
	PC94	00D 943 0038 601	I.C PC-17L1CB	HVIPC17L1CB	
	PC95	00D 943 0038 601	I.C PC-17L1CB	HVIPC17L1CB	
	PC96	00D 943 0038 601	I.C PC-17L1CB	HVIPC17L1CB	
RESISTORS GROUP					
	R901	00D 943 0035 400	SURGE 1/2W /1 MOHM /J	KROS1TJ105T	
	R909	00D 943 0035 507	METAL OXIDE FILM 2W 68 KOHM	KRG2SANJ683H	
	R924	00D 943 0052 108	METAL OXIDE FILM 2.7 KOHM , 1W , J	CRG1ANJ272H	
	R930	00D 943 0052 108	METAL OXIDE FILM 2.7 KOHM , 1W , J	CRG1ANJ272H	
	R961	00D 943 0035 604	CEMENT 5W , 0.01 OHM	KRF5EJR01	

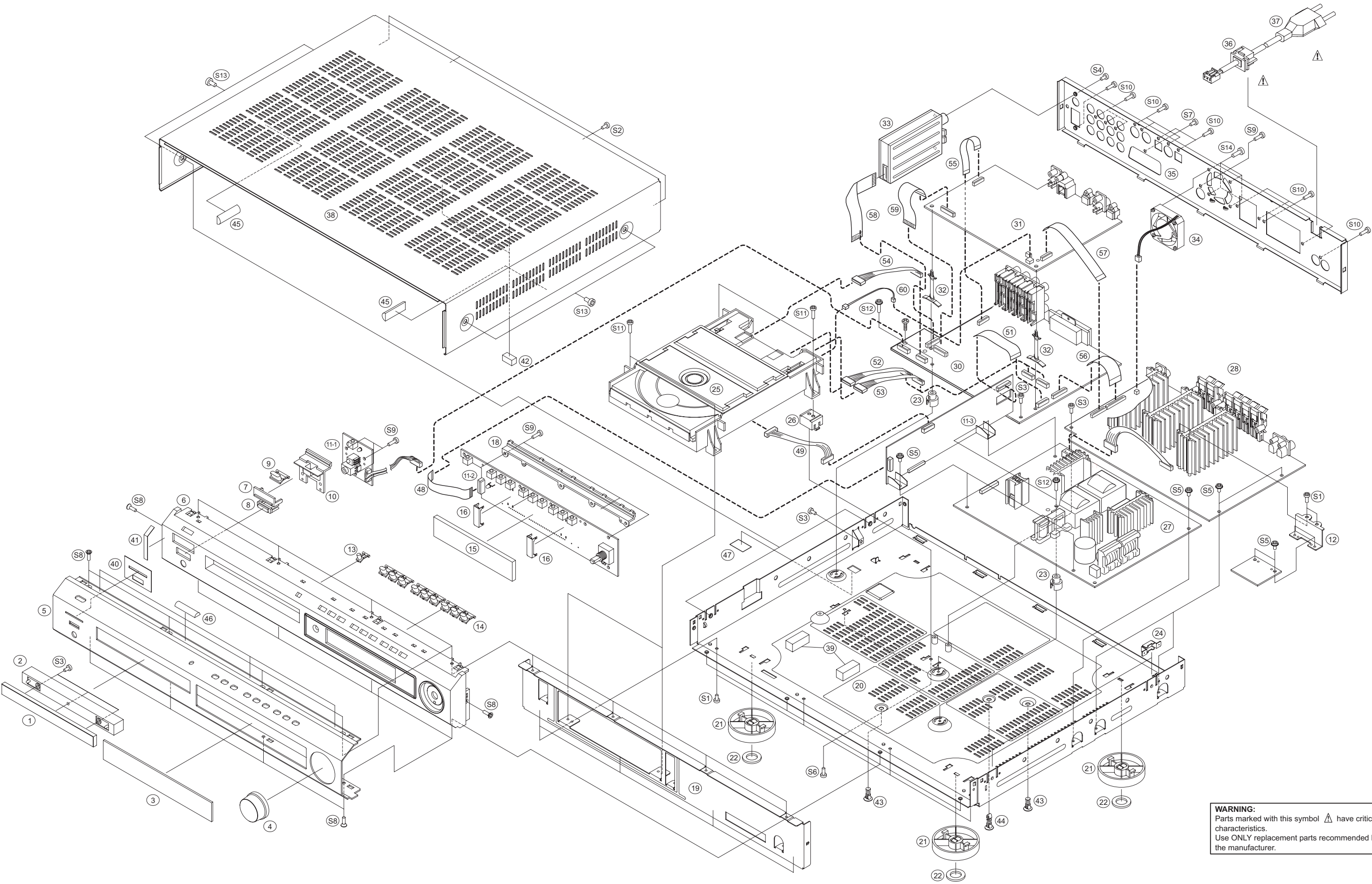
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	Ref.No.	Part No.	Part Name	Remarks	New
CAPACITORS GROUP					
	C901	00D 943 0045 005	POLYPROPYLENE FILM 275V , 0.47uF , K	HCQF2E474KZE	
	C902	00D 943 0045 005	POLYPROPYLENE FILM 275V , 0.47uF , K	HCQF2E474KZE	
	C903	00D 943 0057 200	CERAMIC (400V Y-CAP) AC250V, 470pF , M	CCKDHS471ME	
	C905	00D 943 0057 608	ELECT HC400V ,391uF ,85°C	CCET400VHC391NH	
	C906	00D 943 0056 900	CERAMIC 1000pF , 1kV , K	CCKT3A102KBL	
	C907	00D 943 0044 608	MYLAR 0.033UF 50V J	HCQI1H333JZT	
	C908	00D 943 0057 909	ELECT 50V/22UF/105°C	CCEA1HH220TS	
	C909	00D 943 0044 909	MYLAR 2200PF 50V J	HCQI1H222JZT	
	C910	00D 943 0056 900	CERAMIC 1000pF , 1kV , K	CCKT3A102KBL	
	C911	00D 943 0044 608	MYLAR 0.033UF 50V J	HCQI1H333JZT	
	C912	00D 943 0057 909	ELECT 50V/22UF/105°C	CCEA1HH220TS	
	C913	00D 943 0044 909	MYLAR 2200PF 50V J	HCQI1H222JZT	
	C914	00D 943 0057 501	FILM 0.01uF , 630V , J	CCFE2J103JB	
	C915	00D 943 0057 006	CERAMIC 100pF , 1kV , K	CCKT3A101KBL	
	C916	00D 943 0044 608	MYLAR 0.033UF 50V J	HCQI1H333JZT	
	C917	00D 943 0057 909	ELECT 50V/22UF/105°C	CCEA1HH220TS	
	C918	00D 943 0056 900	CERAMIC 1000pF , 1kV , K	CCKT3A102KBL	
	C919	00D 943 0057 200	CERAMIC (400V Y-CAP) AC250V, 470pF , M	CCKDHS471ME	
	C920	00D 943 0057 909	ELECT 50V/22UF/105°C	CCEA1HH220TS	
	C921	00D 943 0057 909	ELECT 50V/22UF/105°C	CCEA1HH220TS	
	C922	00D 943 0056 803	METALLIZED FILM 100V / 0.15UF	CCME2A154JXT	
	C923	00D 943 0057 200	CERAMIC (400V Y-CAP) AC250V, 470pF , M	CCKDHS471ME	
	C924	00D 943 0057 307	CERAMIC (400V Y-CAP) AC250V, 2200pF , M	CCKDHS222ME	
	C925	00D 943 0057 200	CERAMIC (400V Y-CAP) AC250V, 470pF , M	CCKDHS471ME	
	C926	00D 943 0058 102	ELECT WL50V222UF 105°C	CCEA1HA222EHS	
	C927	00D 943 0056 900	CERAMIC 1000pF , 1kV , K	CCKT3A102KBL	
	C928	00D 943 0058 102	ELECT WL50V222UF 105°C	CCEA1HA222EHS	
	C929	00D 943 0056 900	CERAMIC 1000pF , 1kV , K	CCKT3A102KBL	
	C930	00D 943 0057 200	CERAMIC (400V Y-CAP) AC250V, 470pF , M	CCKDHS471ME	
	C931	00D 943 0058 102	ELECT WL50V222UF 105°C	CCEA1HA222EHS	
	C932	00D 943 0057 200	CERAMIC (400V Y-CAP) AC250V, 470pF , M	CCKDHS471ME	
	C933	00D 943 0057 200	CERAMIC (400V Y-CAP) AC250V, 470pF , M	CCKDHS471ME	
	C934	00D 943 0058 102	ELECT WL50V222UF 105°C	CCEA1HA222EHS	
	C935	00D 943 0057 705	ELECT 35V/470UF/105°C	CCEA1VH471ES	
	C936	00D 943 0057 705	ELECT 35V/470UF/105°C	CCEA1VH471ES	
	C937	00D 943 0057 802	ELECT 50V/47UF/105°C	CCEA1HH470TS	
	C938	00D 943 0057 705	ELECT 35V/470UF/105°C	CCEA1VH471ES	
	C939	00D 943 0057 705	ELECT 35V/470UF/105°C	CCEA1VH471ES	
	C940	00D 943 0057 802	ELECT 50V/47UF/105°C	CCEA1HH470TS	
	C941	00D 943 0045 607	ELECT 25V/1000UF/105°C	HCEA1EH102ES	
	C943	00D 943 0058 005	ELECT 50V/1.0UF/105°C	CCEA1HH1R0TS	
	C944	00D 943 0045 607	ELECT 25V/1000UF /105°C	HCEA1EH102ES	
	C945	00D 943 0058 209	ELECT 10V/470UF/105°C	CCEA1AH471TS	
	C946	00D 943 0057 802	ELECT 50V/47UF/105°C	CCEA1HH470TS	
	C947	00D 943 0045 607	ELECT 25V/1000UF /105°C	HCEA1EH102ES	
	C948	00D 943 0058 005	ELECT 50V/1.0UF/105°C	CCEA1HH1R0TS	
	C949	00D 943 0057 705	ELECT 35V/470UF/105°C	CCEA1VH471ES	
	C950	00D 943 0058 005	ELECT 50V/1.0UF/105°C	CCEA1HH1R0TS	
	C951	00D 943 0058 005	ELECT 50V/1.0UF/105°C	CCEA1HH1R0TS	
	C952	00D 943 0057 103	CERAMIC 50V , 0.1UF , ZF	CCKT1H104ZF	
	C953	00D 943 0057 103	CERAMIC 50V 0.1UF , ZF	CCKT1H104ZF	
	C954	00D 943 0058 005	ELECT 50V/1.0UF/105°C	CCEA1HH1R0TS	
	C955	00D 943 0058 005	ELECT 50V/1.0UF/105°C	CCEA1HH1R0TS	
	C956	00D 943 0058 005	ELECT 50V/1.0UF/105°C	CCEA1HH1R0TS	
	C957	00D 943 0057 103	CERAMIC 50V 0.1UF , ZF	CCKT1H104ZF	
	C958	00D 943 0056 803	METALLIZED FILM 100V / 0.15UF	CCME2A154JXT	
	C959	00D 943 0056 803	METALLIZED FILM 100V / 0.15UF	CCME2A154JXT	
OTHER PARTS GROUP					
	BN91	00D 943 0036 603	WAFER MOLEX35313-0510	KJP05GA90ZM	
	CN91	00D 943 0036 700	WAFER 7.92MM(YUNHO)	KJP02KA060ZY	
	CN94	00D 943 0036 205	WAFER MOLEX35336-1510	KJP15GA98ZM	
	F901	00D 943 0037 000	FUSE 5A	KBA2C5000TLEZ	

	Ref.No.	Part No.	Part Name	Remarks	New
	FH91	00D 943 0036 904	FUSE HOLDER	KJCF5S	
	FH92	00D 943 0036 904	FUSE HOLDER	KJCF5S	
	G901	00D 943 0042 804	PALTE , EARTH MET37-0002	HJT1A025	
	G902	00D 943 0042 804	PALTE , EARTH MET37-0002	HJT1A025	
	G903	00D 943 0042 804	PALTE , EARTH MET37-0002	HJT1A025	
	G904	00D 943 0042 804	PALTE , EARTH MET37-0002	HJT1A025	
	L901	00D 943 0055 707	COIL , CHOKE (4.0UH)	CLZ9Z023Z	
	L902	00D 943 0055 707	COIL , CHOKE (4.0UH)	CLZ9Z023Z	
	L903	00D 943 0055 804	COIL , PEAKING (10UH)	CLZ9Z021Z	
	L904	00D 943 0055 804	COIL , PEAKING (10UH)	CLZ9Z021Z	
	L905	00D 943 0055 804	COIL , PEAKING (10UH)	CLZ9Z021Z	
	L906	00D 943 0055 901	COIL , CHOKE (3.3UH)	CLZ9Z020Z	
	LF91	00D 943 0055 600	LINE FILTER SQ2828	CLZ9Z052Z	
	LF92	00D 943 0055 600	LINE FILTER SQ2828	CLZ9Z052Z	
	LF93	00D 943 0055 503	AMOS FILTER	CLZ9Z053Z	
	NT91	00D 943 0035 206	NTC , THERMISTOR DSC-5D-15 MSFC	KRT5D15MSFC	
	NT92	00D 943 0035 109	THERMISTOR ASS'Y A103J3-140E	KRTA103J3140E	
	T901	00D 943 0056 201	TRANS , MAIN EER4242	CLT9Z004ZE	
	T902	00D 943 0056 201	TRANS , MAIN EER4242	CLT9Z004ZE	
	T903	00D 943 0056 104	TRANS , SUB EER2828	CLT9Z005ZE	
	T904	00D 943 0056 007	TRANS , STANDBY EE1927	CLT9Z006ZE	
	TN91	00D 943 0048 109	VARISTOR SVC471D10A	CRVSVC471D10A	

EXPLODED VIEW



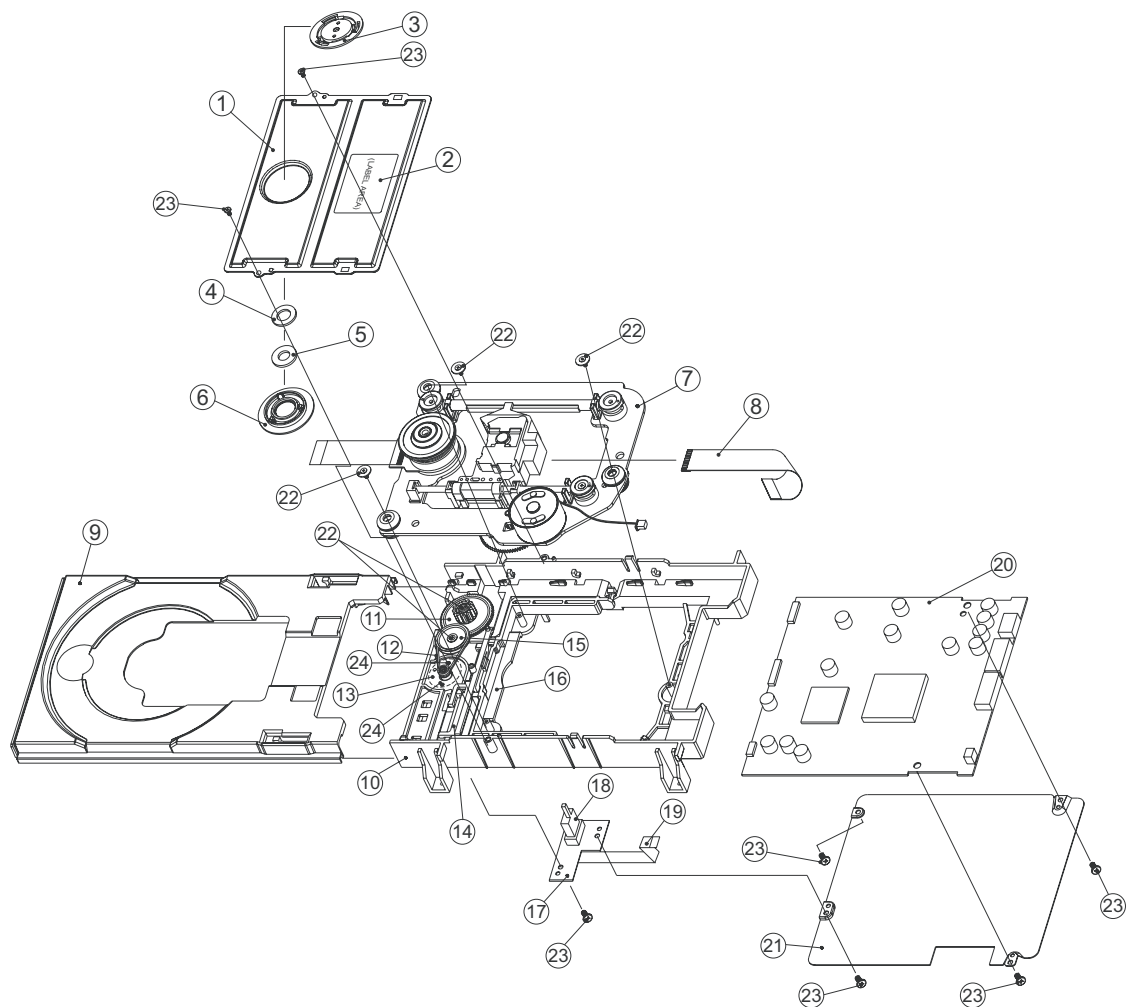
WARNING:
Parts marked with this symbol ⚠ have critical characteristics.
Use ONLY replacement parts recommended by the manufacturer.

PARTS LIST OF EXPLODED VIEW

Safe.	No.	Part No.	Part Name	Remarks	Q'ty	New
	11-1	943 0033 703	PCB, POWER	COP11674B	1	*
	11-2	943 0033 703	PCB, FRONT	COP11674B	1	*
	11-3	943 0033 703	GUIDE PCB ASS'Y	COP11674B	1	*
	27	943 0033 101	SMPS PCB ASS'Y	COP11678B	1	*
	28	943 0033 208	AMP PCB ASS'Y	COP11677B	1	*
	30	943 0033 305	MAIN PCB ASS'Y	COP11675B	1	*
	31	943 0033 402	DSP PCB ASS'Y	COP11676B	1	*
	1	943 0020 509	ORNAMENT, DOOR(AL)	CGK1A192C39	1	
	2	943 0020 703	BASE, DOOR	CGR1A314RED3	1	
	3	943 0031 006	WINDOW, FIP	CGU1A336Z	1	*
	4	943 0031 103	VOLUME KNOB ASS'Y	CGX1A347ZA	1	*
	5	943 0031 200	PANEL, AL	CKM1A145ZC39	1	*
	6	943 0031 307	PANEL, SUB	CGW1A377RED3	1	*
	7	943 0020 606	INDICATOR, POWER	CGL1A224	1	
	8	943 0020 907	WINDOW, IR	CGU1A326	1	
	9	943 0031 404	KNOB, POWER	CBT1A922MBC22	1	*
	10	943 0031 501	SUPPORT, KNOB(A)	CMH1A229	1	*
	12	943 0031 705	BRACKET, PCB	CMD1A548	1	*
	13	943 0020 305	KNOB, OPEN	CBT1A909MBC22	1	
	14	943 0020 402	KNOB, PLAY	CBT1A910MBC22	9	
	15	943 0033 606	V.F.D	HFL11BT230GNK	1	*
	16	943 0031 802	BRACKET, FIP	CMD1A374	2	*
	18	943 0031 608	SUPPORT, KNOB(B)	CMH1A230	1	*
	19	943 0031 909	CHASSIS, FRONT	CUF1A001	1	*
	20	943 0032 005	CHASSIS, BOTTOM	CUA1A241	1	*
	21	943 0021 809	FOOT	CKL1A084	4	
	22	943 0024 505	CUSHION, FOOT	KHG2A244	4	
	23	943 0032 102	SUPPORT, PCB	CHE170	3	*
	24	943 0022 002	COVER, SCREW	CMD1A495	2	
	25	943 0033 004	DVD LOADER	HJDRL-S874DR	1	*
	26	943 0005 304	SUPPORT, MECHA	CMH1A207	2	
	32	943 0032 704	SUPPORT, LOCKING	KRE1A059	2	*
	33	00D9430055202	MODULE, TUNER	CNVMV114MA1-19	1	*
	34	943 0032 209	FAN, MOTOR	HDMF410T12L1C01	1	*
	35	943 0032 306	PANEL, REAR	CKF1A276Z	1	*
	36	943 0008 000	BUSHING, AC CORD	KHR1A028	1	
	37	00D9430065700	CORD, POWER	CJA2B068ZA	1	*
	38	943 0032 500	CABINET, TOP	CKC1A152S27	1	*
	39	943 0032 607	CUSHION, SHIELD	KMC1A241	2	*
	40	943 0025 407	TAPE, HEMELON	KHS1A142	1	
	41	943 0025 504	TAPE, HEMELON	KHS1A143	1	
	42	943 0033 907	CUSHION	CHG1A282	2	*
	43	943 0034 003	SUPPORT, PCB	KRE1A063	2	*
	44	943 0034 100	SUPPORT, PCB	KRE1A042	1	*
	45	943 0034 207	CUSHION, SHIELD	KMC1A240	2	*
	46	943 0034 304	CUSHION, SHIELD	KMC1A245	4	*
	47	-	UP DATE LABEL	CQB1A683	1	
	48	00D9430047304	CARD CABLE	CWC1B2A15A100B6	1	*
	49	00D9430065807	Wire Ass'y	CWZADV500SDBN12	1	*
	51	00D9430046907	CARD CABLE	CWC1B4A23A110B	1	*
	52	00D9430065904	Wire Ass'y(dual)	CWZQDR1000CN51	1	*
	53	00D9430066000	Wire Ass'y(dual)	CWZQDR1000CN51	1	*
	54	00D9430066107	Wire Ass'y	CWB1C007080EG	1	*
	55	00D9430047508	13P CARD CABLE	CWC1B2A13A070B	1	*
	56	00D9430047003	23P CABLE,CARD	CWC1B2A23A050B	1	*
	57	00D9430047207	17P CARD CABLE	CWC1B2A17A060B	1	*
	58	00D9430047401	13P CARD CABLE	CWC1B2A13B110B	1	*
	59	00D9430047100	19P CABLE,CARD	CWC1B2A19A070B	1	*
	60	00D9430066204	Wire Ass'y	CWZADV500SDBN31	1	*
	61	-	LABEL RATING	CQB1A652	1	
	62	-	LABEL SERIAL NO	CQB1A622	1	
	63	-	LABEL CAUTION	CQB1A624Z	1	

Safe.	No.	Part No.	Part Name	Remarks	Q'ty	New
	S1	943 0034 401	SCREW	CTB3+6J	6	*
	S2	943 0016 322	SCREW	CTB3+6JFC	4	
	S3	943 0016 432	SCREW	CTB3+6F	6	
	S4	943 0034 414	SCREW	CTB3+6FFZ	3	*
	S5	943 0016 364	SCREW	CTW3+6J	7	
	S6	943 0016 445	SCREW	CTB3+8G	2	
	S7	943 0034 427	SCREW	CTB3+6JFZ	1	*
	S8	943 0034 430	SCREW	CTB3+8JFC	10	*
	S9	943 0016 335	SCREW	CTB3+10G	9	
	S10	943 0016 351	SCREW	CTB3+10GFZ	13	
	S11	943 0016 458	SCREW	CTB3+12G	4	
	S12	943 0034 443	SCREW	CTB3+12J	3	*
	S13	943 0016 474	SCREW	CTWD4+6FFC	4	
	S14	943 0034 456	SCREW	CTB4+10JFZ	4	*

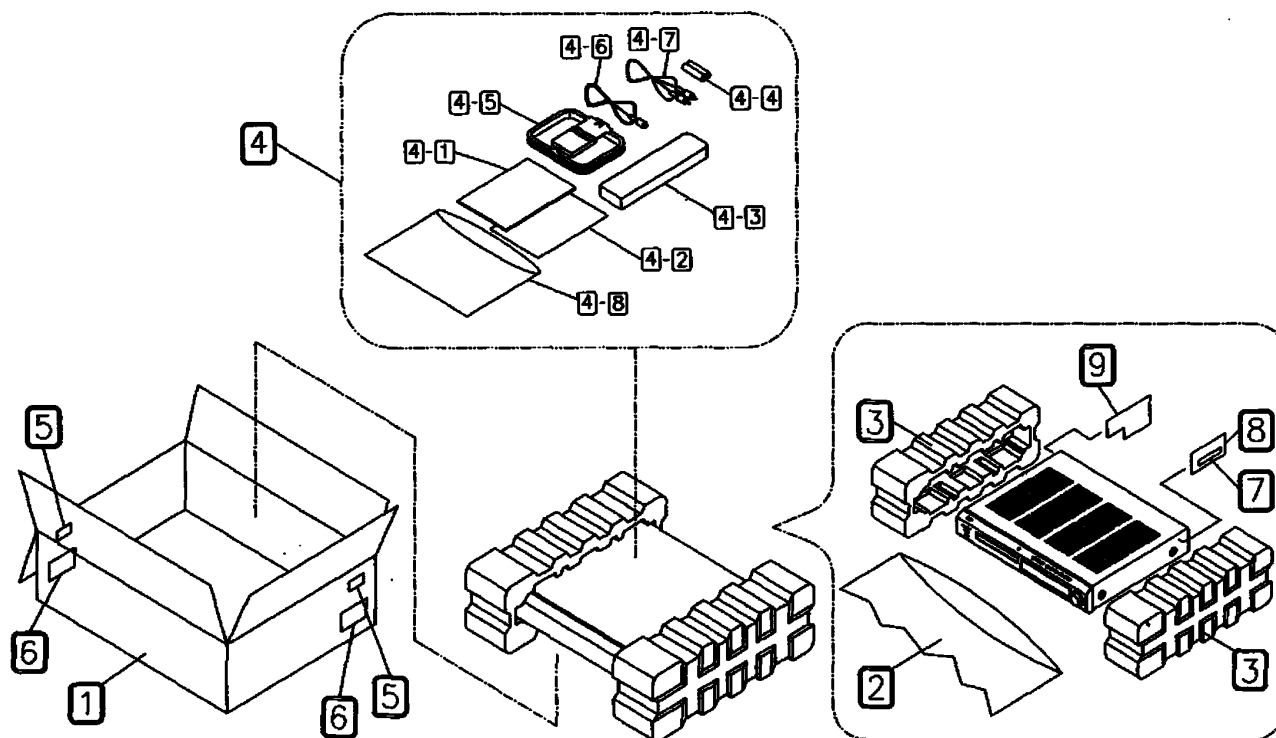
EXPLODED VIEW OF DVD MECHANISM UNIT



PARTS LIST OF DVD MECHANISM UNIT

	Ref. No.	Part No.	Part Name	Remarks	Q'TY	New
	1	943 0010 302	COVER,TOP		1	
	2	-	LABEL,MODEL		1	
	3	943 0010 409	CLAMP,TOP		1	
	4	943 0010 603	PLATE,CLAMP		1	
	5	943 0010 700	MAGNET		1	
	6	943 0010 506	CLAMP,BTM		1	
	7	943 0010 205	FEEDING ASS'Y		1	
	8	943 0010 904	FFC,P/U		1	
	9	943 0010 807	TRAY,DISC		1	
	10	943 0009 203	BASE,LOADING		1	
	11	943 0009 504	PINION,LOADING		1	
	12	943 0009 708	BELT		1	
	13	943 0009 300	AY L/MOTOR		1	
	14	943 0009 407	SLIDE,CAM		1	
	15	943 0009 601	GEAR,PULLY		1	
	16	943 0009 805	LEVER,CAM		1	
	17	943 0009 902	P.W.B.,LOADING		1	
	18	943 0010 001	DETECTOR SWITCH		1	
	19	943 0010 108	FFC,LOADING P.W.B.		1	
	20	943 0026 804	RL-S874,P.W.B. ASS'Y		1	
	21	943 0011 000	COVER,BTM2		1	
	22	943 0016 416	SCREW,TAP		5	
	23	943 0016 429	SCREW,TAP		7	
	24	943 0016 403	SCREW,MC		2	

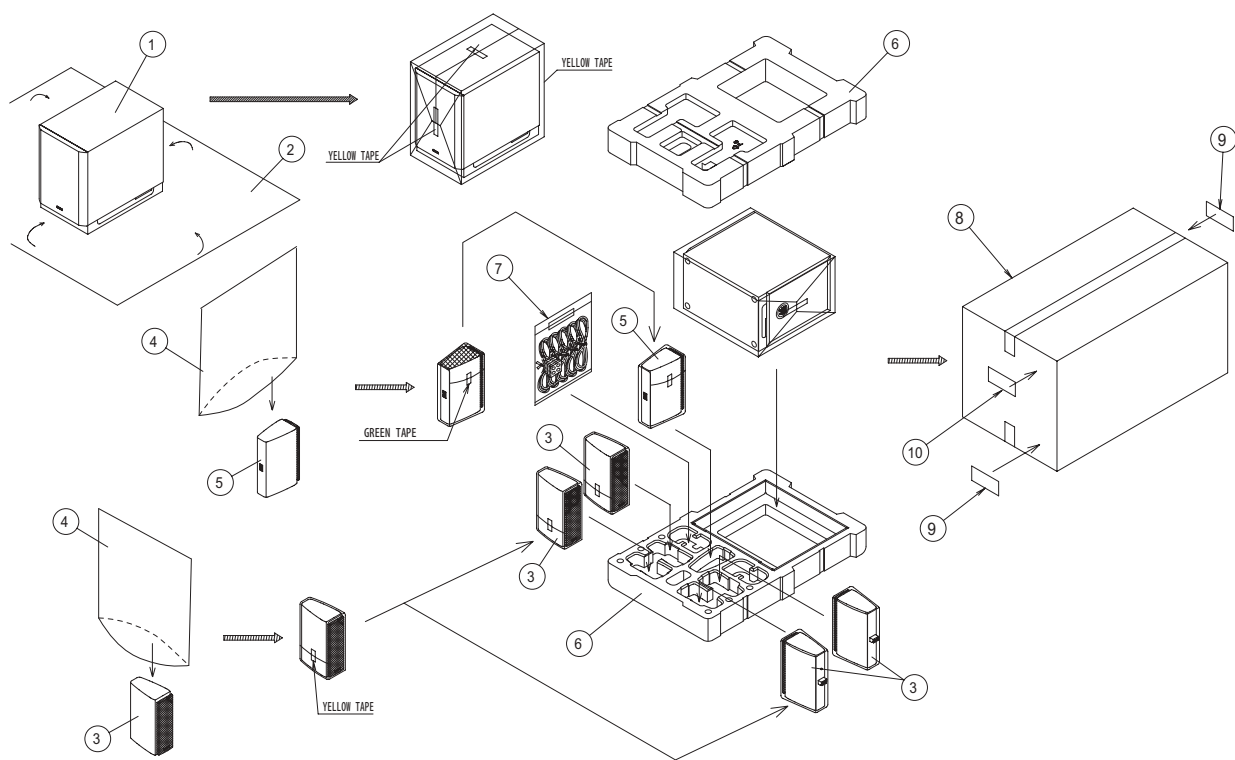
ADV-500SD PACKING VIEW



PARTS LIST OF PACKING & ACCESSORIES

Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
1	943 0030 007	BOX, OUT CARTON	CPG1A753Z	1	*
2	943 0022 303	BAG, POLY	CPB1A160Y	1	
3	943 0030 104	PAD, SNOW	CPS1A658	2	*
4	-	INSTRUCTION MANYUAL ASS'Y	CQXADV500SDE2	1	
4-1	943 0030 201	MANUAL, INSTRUCTION	CQX1A911Z	1	*
4-2	-	SHEET, SERVICE	CQE1A204Z	1	
4-3	399 0950 005	REMOCON(RC973)	CARTADV500SDE2	1	*
4-4	-	BATTERY	HABAAM1.5V	2	
4-5	943 0030 405	AM LOOP ANT	CSA1A020Z	1	*
4-6	943 0030 502	FM 1 POLE ANT	CSA1A024Z	1	*
4-7	943 0001 609	CORD, PIN (1P)	CJS4M023Z	1	
4-8	943 0030 609	BAG, POLY(MANUAL)	CPP1A093Z	1	*
5	-	LABEL, EAN	CQB1A651Z	2	
6	-	LABEL, CONTROL	CQB1A627	2	
7	-	LABEL, SERIAL NO	CQB1A622	1	
8	943 0030 706	LABEL, RATING	CQB1AQ652Z	1	*
9	943 0030 803	LABEL, CAUTION	CQB1A624Z	1	*

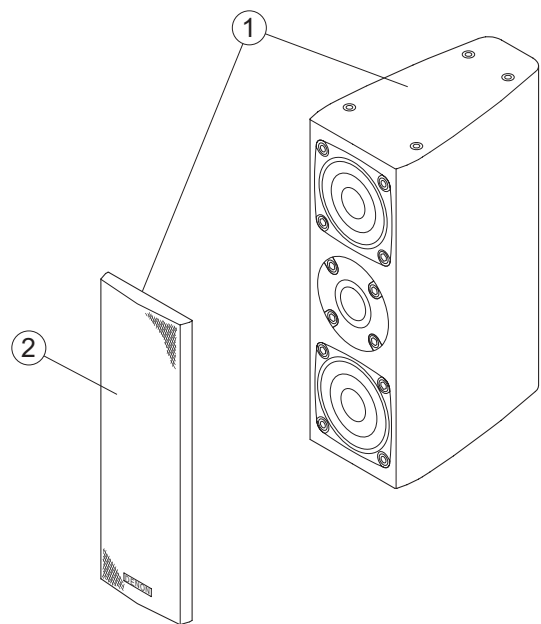
SYS-500SD SPEAKER PACKING VIEW



PARTAS LIST OF PACKING & ACCESSORIES(SPEAKER)

Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
1	00D 9H3 0001 470	SUB-WF S/S	395558	1	*
2	00D 9H3 0001 471	PROTECT SHEET	387494	1	*
3	00D 9H3 0001 472	SURROUND,FRONT S/S	395560	4	*
4	00D 9H3 0001 158	POLY BAG	387969	5	*
5	00D 9H3 0001 473	CENTER S/S	395559	1	*
6	00D 9H3 0001 161	POLY FOAM	384484	2	*
7	00D 9H3 0001 474	ACCESSORY ASS'Y	398027	1	*
8	00D 9H3 0001 475	GIFT BOX	398025	1	*
9	00D 9H3 0001 476	CONTROL CARD	401135	2	*
10	00D 9H3 0001 477	POS LABEL	401312	1	*

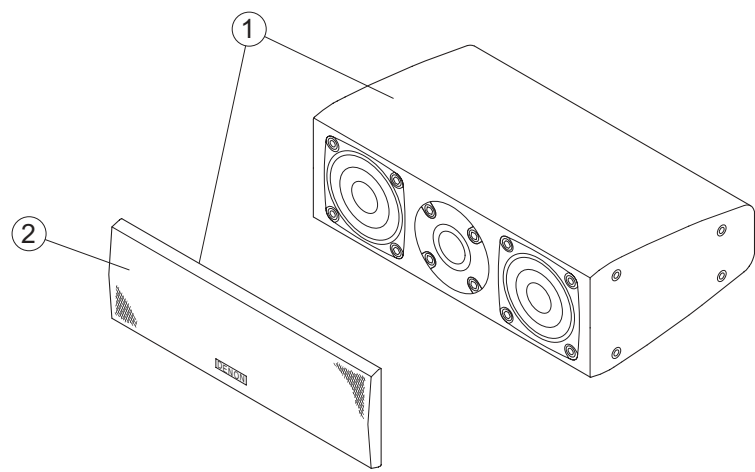
SC-A500SD EXPLODED VIEW



SC-A500SD PARTS LIST OF EXPLODED VIEW

Ref.No.	Part No.	Part Name	Remarks	Q'ty	New
1	00D 9H3 0001 472	SC-A500SD	395560	1	*
2	00D 9H3 0001 373	GRILLE ASS'Y(S)	387801	1	*

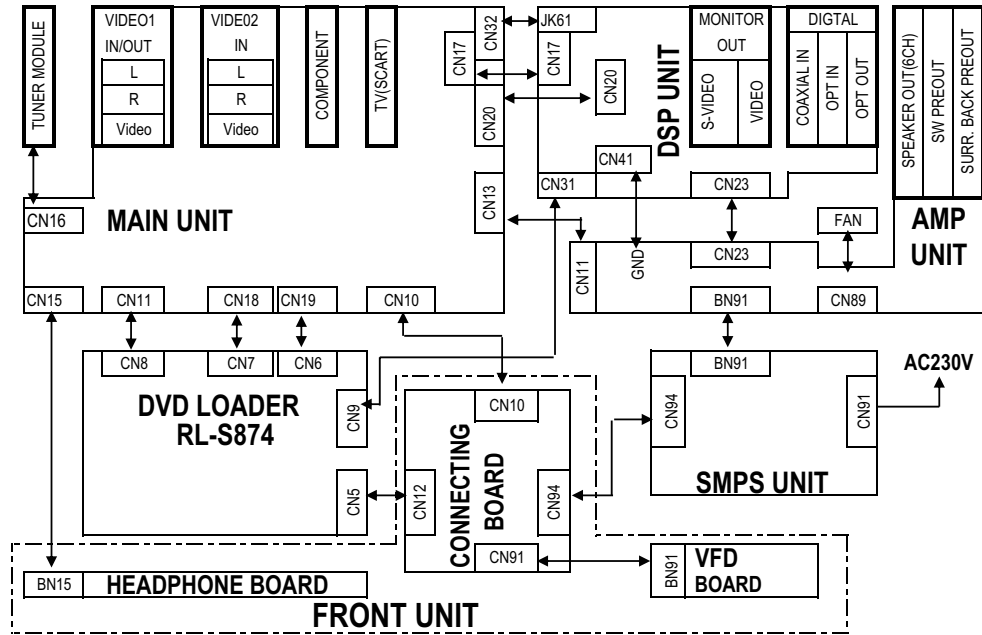
SC-C500SD EXPLODED VIE



SC-C500SD PARTS LIST OF EXPLODED VIEW

Ref.No.	Part No.	Part Name	Remarks	Q'ty	New
1	00D 9H3 0001 473	SC-C500SD	395559	1	*
2	00D 9H3 0001 364	GRILLE ASS'Y(S)	387800	1	*

WIRING DIAGRAM



PIN DISCRPTION

CN16	TUNER MODULE
1	TUN_L
2	GND
3	TUN_R
4	+12V
5	TUNED
6	STEREO
7	PLL_CE
8	PLL_DATA
9	PLL_CLK
10	D_OUT
11	GND
12	RDS_CLK
13	RDS_DA

CN15<-->BN15	
1	GND
2	REMOTE_IN
3	POWER_KEY
4	ST+5V(VDD)
5	BLUE_LED
6	HP_IN
7	HP_GND
8	HP_R
9	HP_L

CN11<-->CN8	
1	DVD+12V
2	GND
3	DVD+5V
4	GND
5	GND
6	DVD+3.3V
7	GND

CN32<-->JK61	
1	GND
2	GND
3	GND

CN10			
1	GND	13	SMPS_CTL
2	+12V	14	PROTECT
3	KEY_IN1	15	POWER_DOWN
4	KEY_IN2	16	DVD+5.5V
5	VFD_BLK	17	DVD+5.5V
6	JOG_A1	18	-12V
7	JOG_A2	19	+12V
8	VFD_DATA	20	+12V
9	VFD_CLK	21	AUX2
10	VFD_CE	22	AUX7
11	VFD+5V	23	AUX6
12	ST+5.6V		

CN18<-->CN7			
1	V_DAC	11	N.C
2	GND	12	GND
3	N.C	13	C_DAC
4	GND	14	GND
5	N.C	15	Y_DAC
6	GND	16	GND
7	N.C	17	GND
8	GND	18	GND
9	N.C	19	N.C
10	GND	20	DVD_RST

CN19<-->CN6	
1 N.C	11 N.C
2 GND	12 GND
3 N.C	13 N.C
4 H_REQ	14 GND
5 DVD_DATA	15 Y_DAC
6 GND	16 GND
7 N.C	17 N.C
8 GND	18 GND
9 U_DAC	19 N.C
10 GND	20 GND

CN20			
1	GND	11	CS-DA
2	FINREQ	12	CS-CLK
3	INTREQ	13	CO-INT
4	DSP-AB-CS	14	BTMOD
5	DSP-C-CS	15	DAC_MUTE
6	HINBSY	16	DSP_A5V
7	42158-CS	17	DSP5V
8	42158-RESET	18	GND
9	DSP-RESET	19	GND
10	D-OUT		

CN17	
1	MIX_L
2	GND
3	MIX_R
4	GND
5	LT_CH
6	+12V
7	RT_CH
8	-12V
9	MONITOR
10	GND
11	SVIDEO_Y
12	GND
13	SVIDEO_C

CN13<-->CN11			
1	GND	13	EVOL_CLK
2	-12V	14	EVOL_CE
3	HP_L	15	EVOL_DATA2
4	+12V	16	EVOL_CLK2
5	HP_GND	17	PROTECT_IN
6	HP_R	18	FAN_DETECT
7	SOFT_CLP	19	AMP_MUTE
8	SW+5.6V	20	FUNCTION_MUTE
9	VCC	21	FUNC_STB
10	SPK_ON	22	FUNC_DATA
11	FAN_P	23	FUNC_CLK
12	EVOL_DATA		

CN23			
1	BSR-OUT	10	FR-OUT
2	BSL-OUT	11	GND
3	GND	12	FL-OUT
4	RS-OUT	13	GND
5	LS-OUT	14	D-ROUT
6	GND	15	GND
7	SW-OUT	16	D-LOUT
8	C-OUT	17	GND
9	GND		

CN12<-->CN5	
1	AUX2
2	AUX7
3	AUX6
4	GND
5	N.C
6	N.C
7	N.C

CN91<-->BN91(VFD BOARD)	
1	GND
2	KEY_SW1
3	KEY_SW2
4	VKK-35V
5	VFD_BLK
6	FLT+2.5V
7	FLT-2.5V
8	VOL_DOWN
9	VOL_UP
10	VFD_DATA
11	VFD_CLK
12	VFD_CE
13	SW+5V
14	ST+5.6V
15	GND

CN94			
1	+12V	9	PROTECT
2	+12V	10	SMPS_CTL
3	GND	11	+5.6V
4	+15V	12	VKK-35V
5	-12V	13	FLT+2.5V
6	DVD+5V	14	FLT-2.5V
7	DVD+5V	15	GND
8	POWER_DOWN		

CN31<-->CN9	
1	AGND
2	DVD_IN
3	AGND

BN91<-->BN91(SMPS<-->AMP)	
1	+37V
2	GND
3	GND
4	-37V
5	+5V

NOTE FOR SCHEMATIC DIAGRAM

配線図について

1. WARNING:

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

2. CAUTION:

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

3. WARNING:

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

4. NOTICE

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

 印の部品は安全を維持するために重要な部品です。
従って交換時は必ず指定の部品を使用してください。

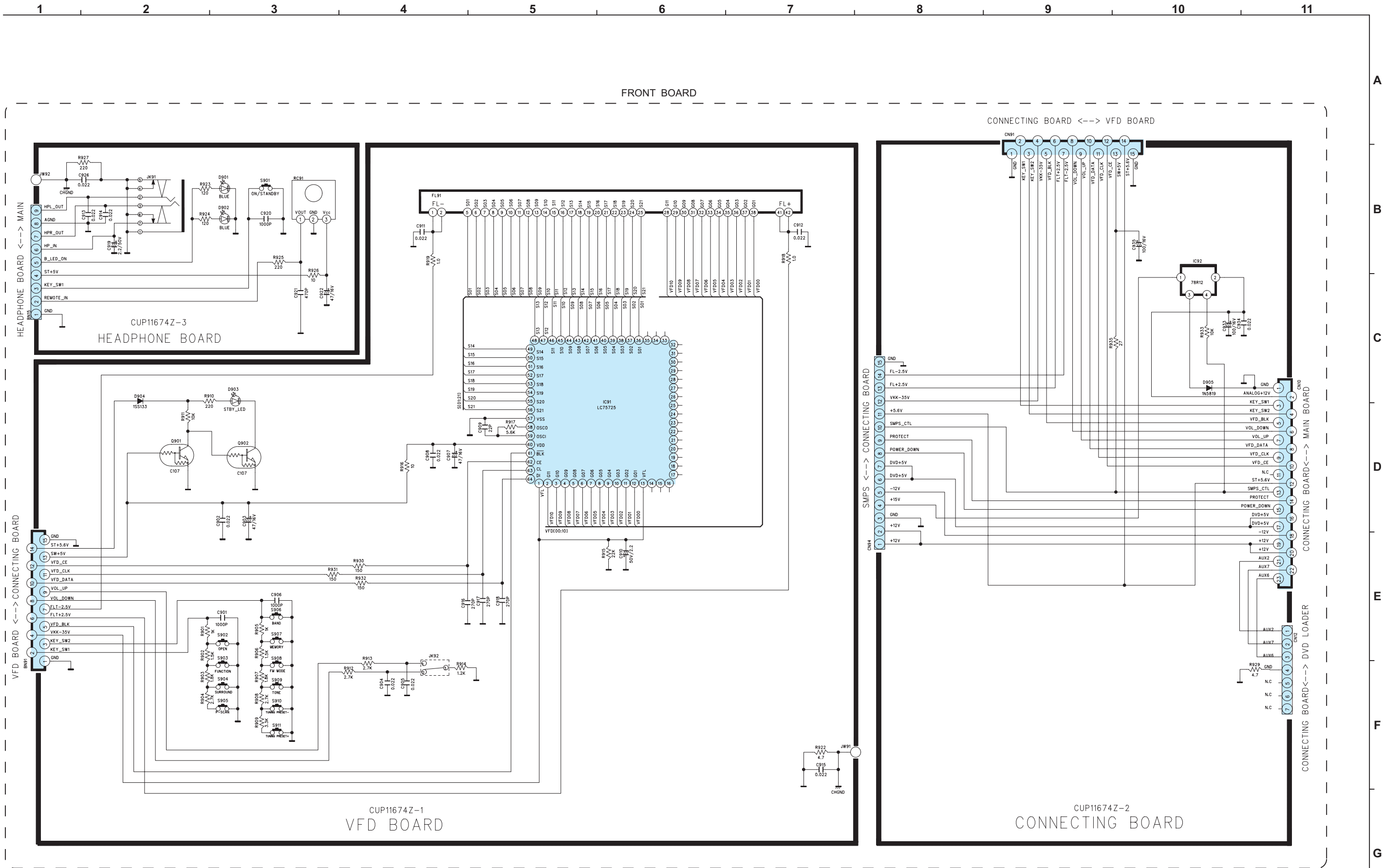
注)

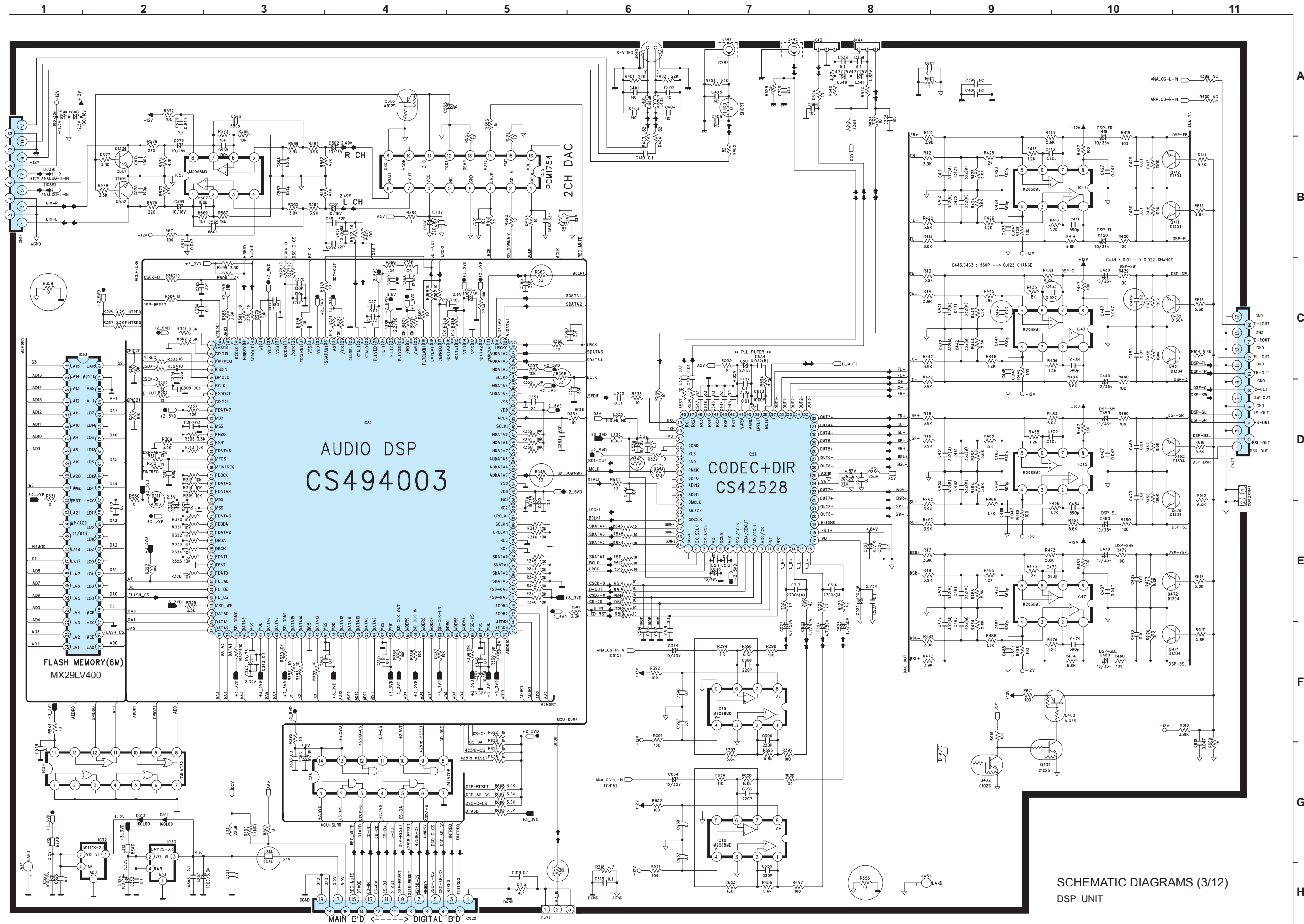
1. 指定なき抵抗値は Ω、k は k Ω、M は M Ω を示す。
2. 指定なきコンデンサーの値は μF、p は p F を示す。
3. 各部の電圧は無信号の値を示す。
4. この配線図は基本配線図です。改良等のため変更することがありますのでご了承ください。

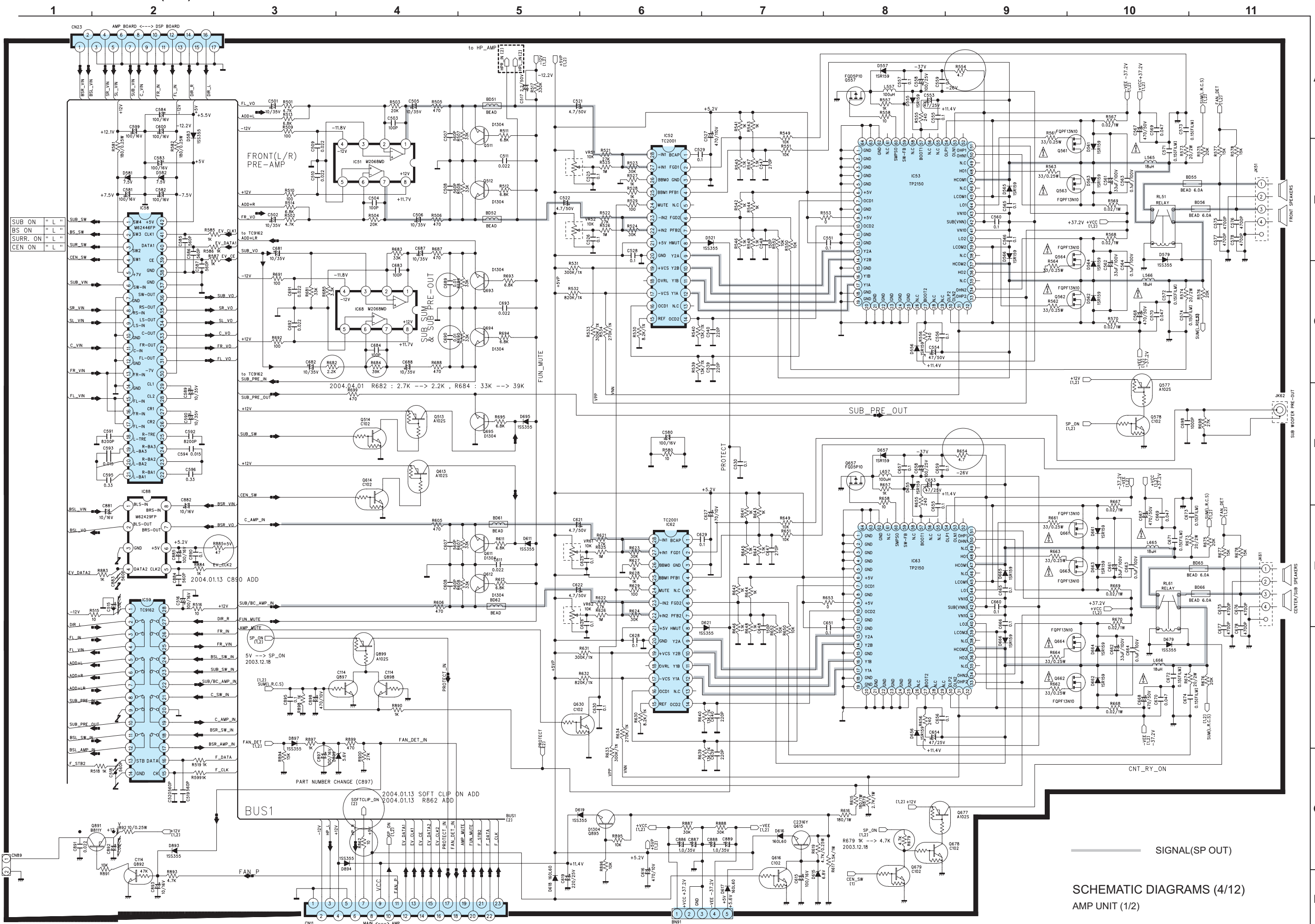
 SIGNAL LINE

 SIGNAL LINE

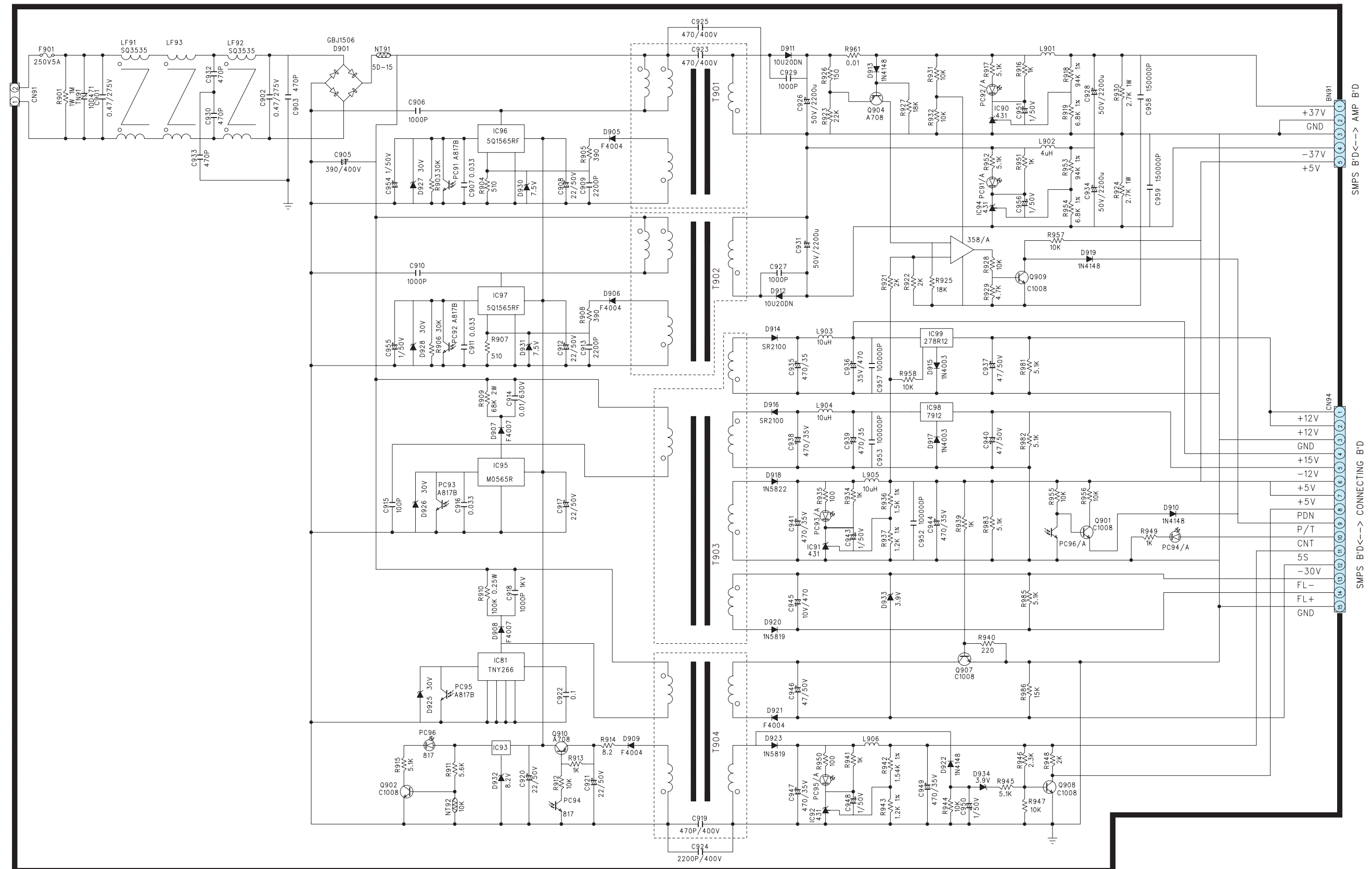
SCHEMATIC DIAGRAMS (1/12)



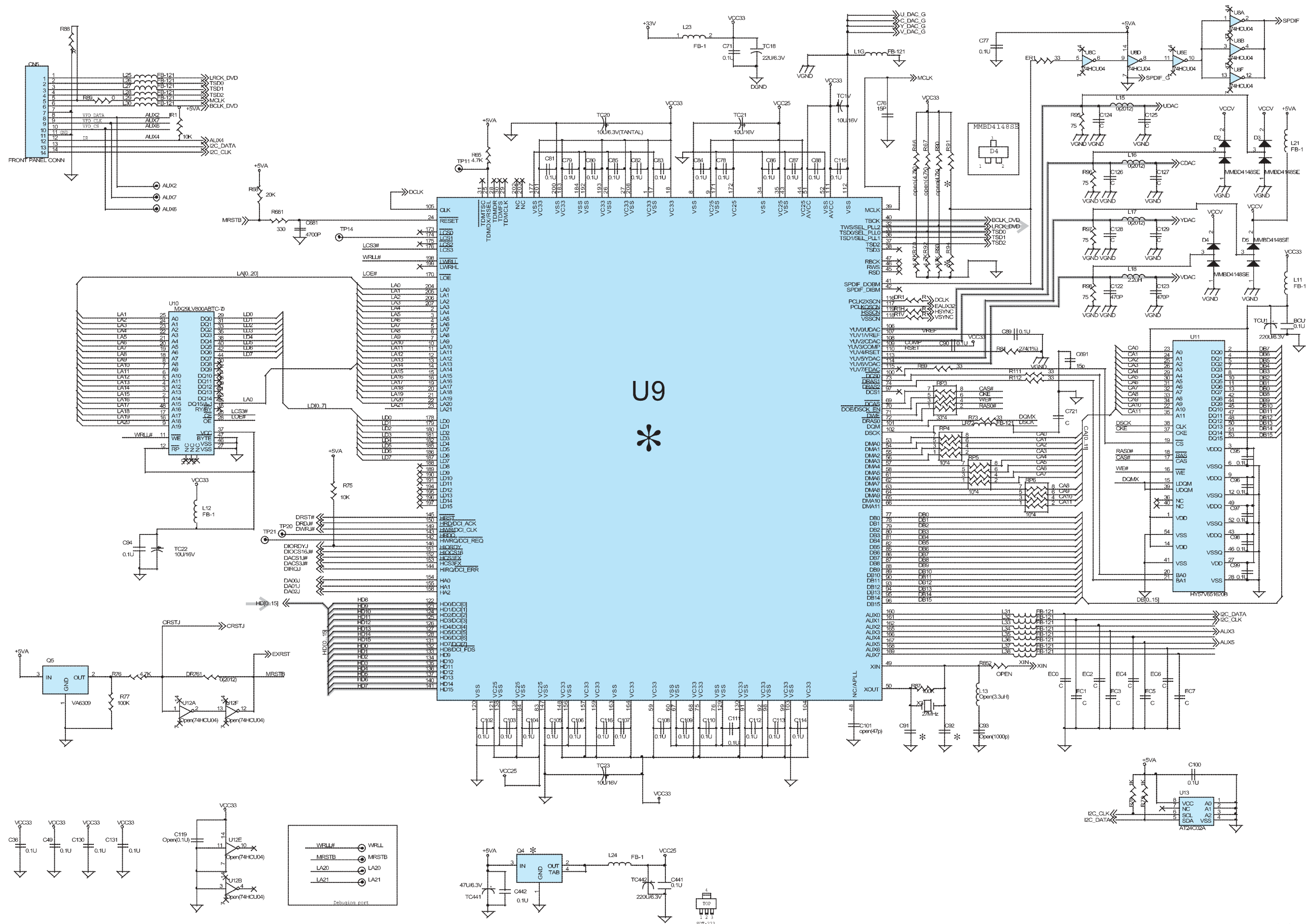




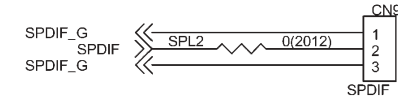
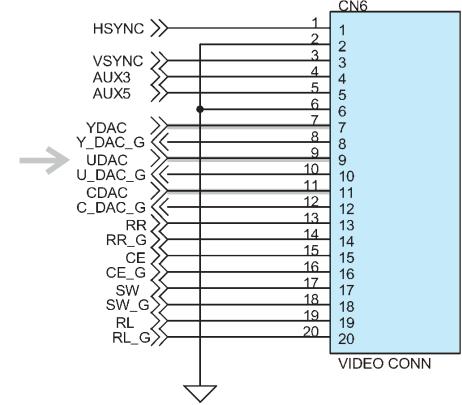
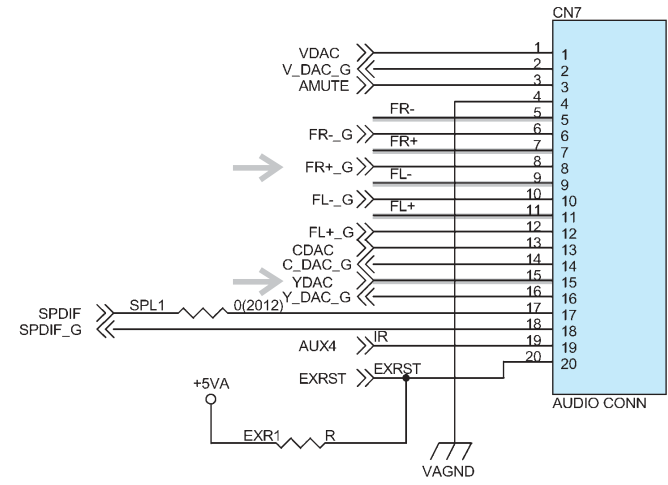
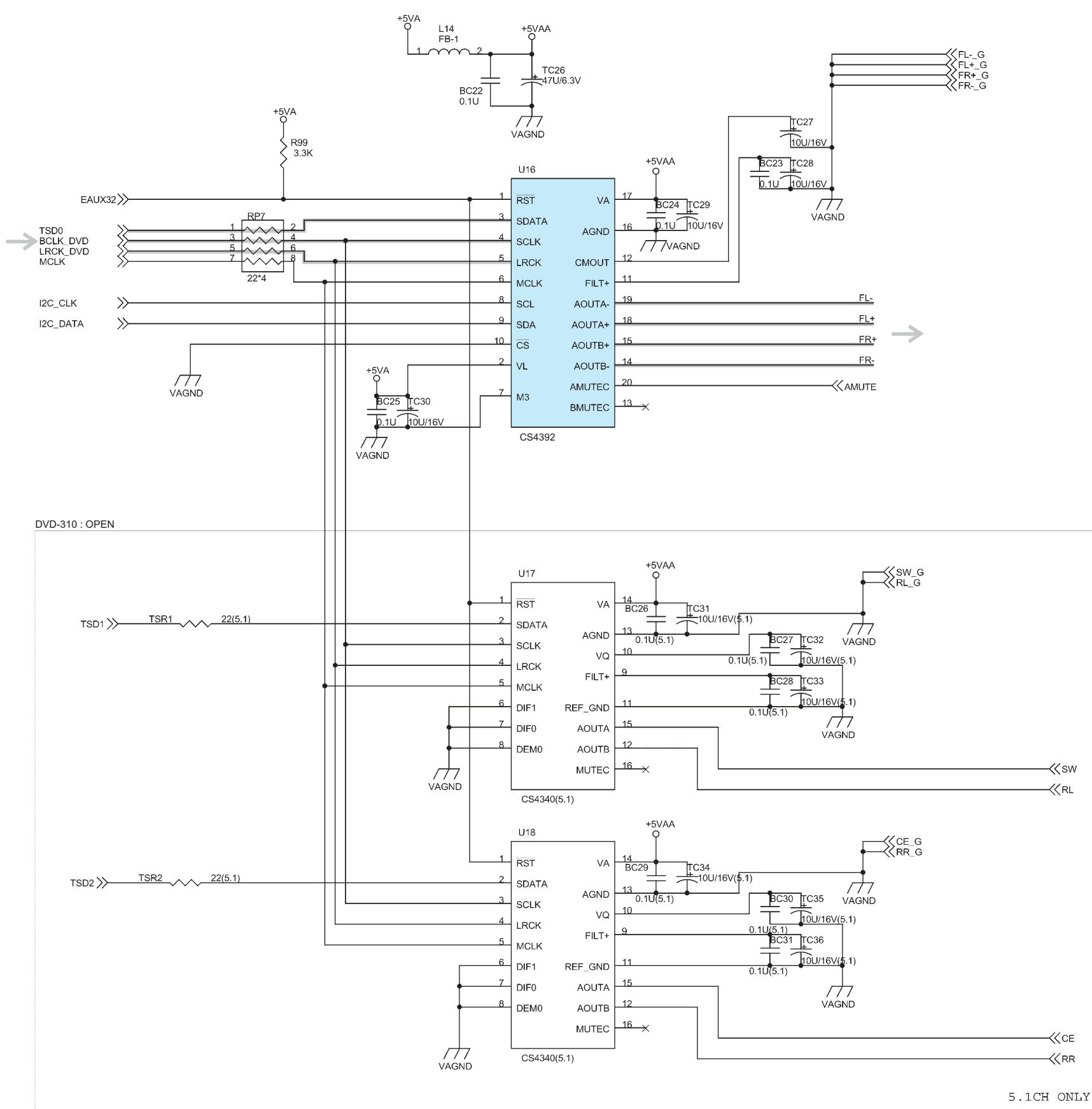


SCHEMATIC DIAGRAMS (6/12)
SMPS UNIT

SCHEMATIC DIAGRAMS (7/12)

SCHEMATIC DIAGRAMS (7/12)
MECHANISM BOARD (1/6)
MPEG

SCHEMATIC DIAGRAMS (8/12)



MODE	VDAC	CDAC	UDAC	YDAC
1 (S-VIDEO)	CVBS	C	N/A	Y
5 (YUV)	CVBS	Pb	Pr	Y
8 (CYUV)	C	Pb	Pr	Y
9 (RGB)	CVBS	B	R	G

SCHEMATIC DIAGRAMS (8/12)
MECHANISM BOARD (2/6)
AUDIO_DAC

SCHEMATIC DIAGRAMS (9/12)

1

2

3

4

5

6

7

8

9

10

11

A

B

C

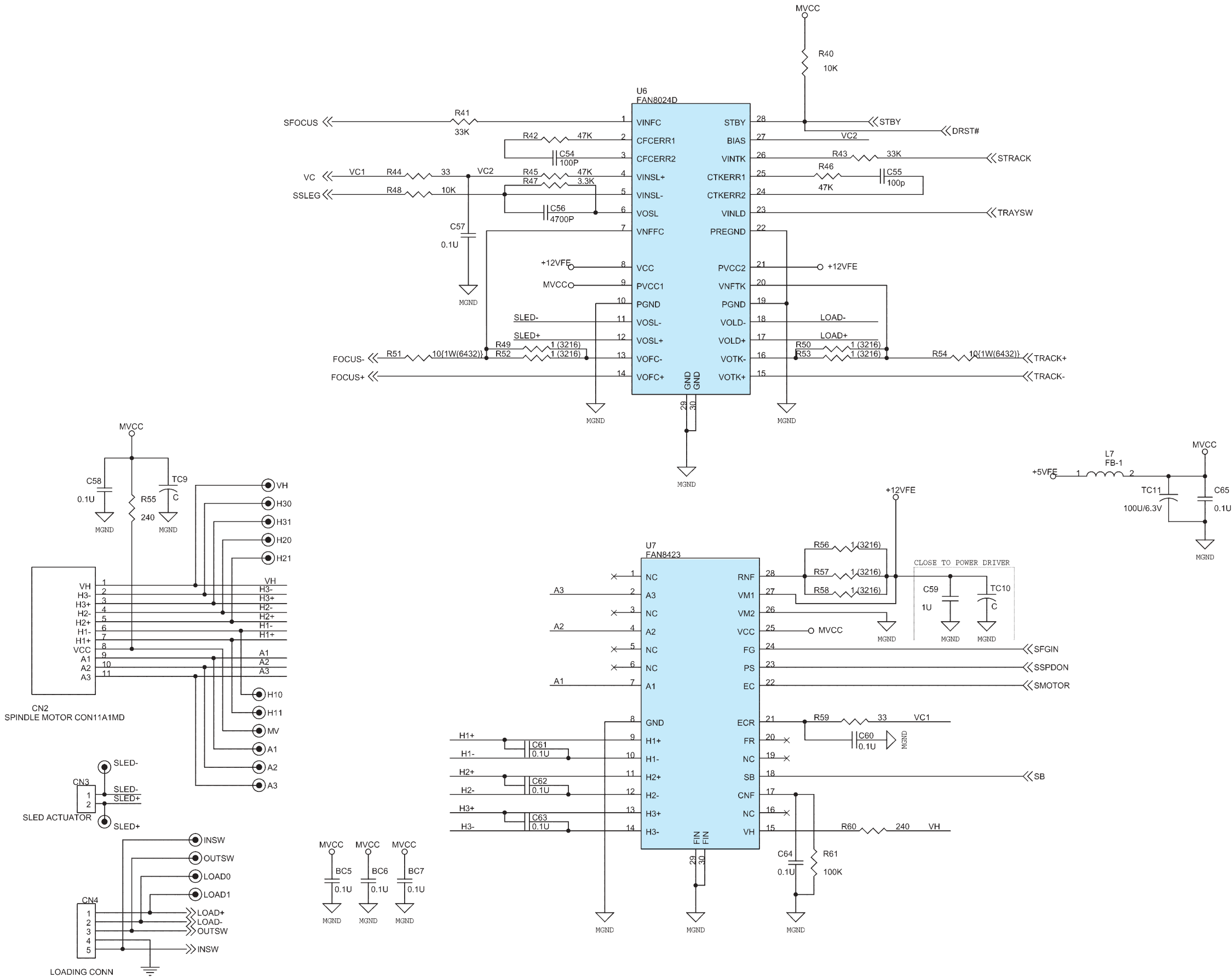
D

E

F

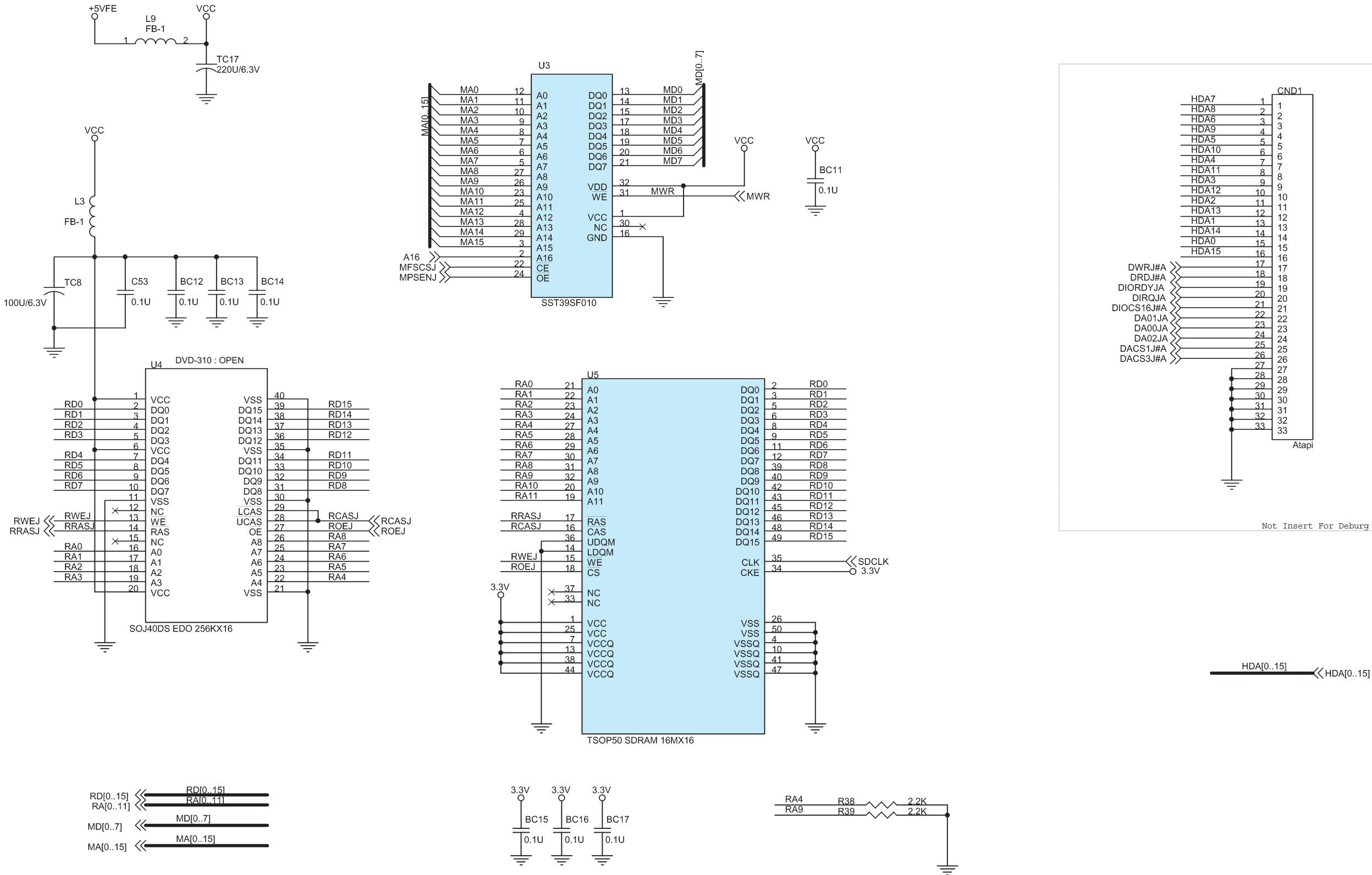
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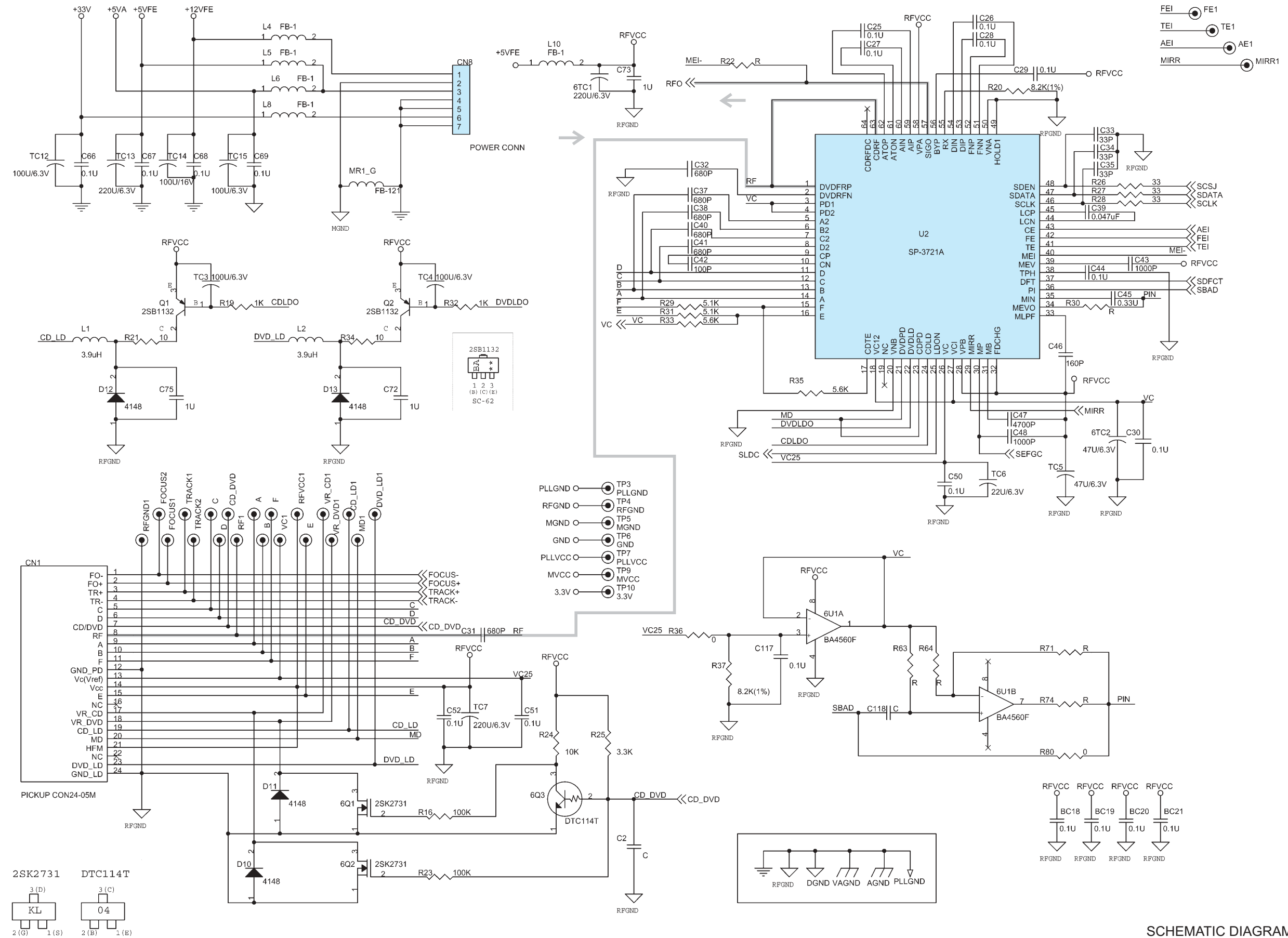
H



SCHEMATIC DIAGRAMS (9/12)
MECHANISM BOARD (3/6)
DRIVE_IC

SCHEMATIC DIAGRAMS (10/12)





SCHEMATIC DIAGRAMS (11/12)
MECHANISM BOARD (5/6)
RF_AMP

SCHEMATIC DIAGRAMS (12/12)

