TOSHIBA

FILE NO. 070-200323

SERVICE MANUAL

COLOUR TELEVISION

D3SS Chassis

36SW9UA

Dec., 2003

TOSHIBA
東芝

FILE NO. 073-200326C

维修手册

彩色电视机

D3SS 底盘

29SH9UC
34SH9UC

— 概要 —

除了该页背面表中所列零件之外，29SH9UC/34SH9UC 与 34SH8UC 相同。

请将本维修手册与 34SH8UC 的原维修手册一起使用。

文件号为 070-200327C。

Feb., 2004

更换部件表

位置号	部件号	说明
A201	23532146	Front Cover (29SH9UC)
A201	23532103	Front Cover (34SH9UC)
A401	23530460	Back Cover (29SH9UC)
A701A	23067391	Carton, Top Case (29SH9UC)
A701A	23067376	Carton, Top Case (34SH9UC)
A701B	23067392	Carton, Bottom Case (29SH9UC)
A702A	23946601	Packing, Top Packing (29SH9UC)
A702B	23946602	Packing, Bottom Packing (29SH9UC)
A703	23531103	Packing, Ptotective Sheet (29SH9UC)
A705	23531098	Packing, Packing Sheet (29SH9UC)
A905	23445758	Button, Button Power (29SH9UC)
A910	23428233	Door, Door Proper (29SH9UC)
C315	24212102	CD, 1000pF, ±10% (29SH9UC)
C326	24797010	EL, 1μF, ±20%, 50V (29SH9UC)
C423	24503251	PF, 0.18μF, 400V (29SH9UC)
C433	24503195	PF, 5100pF, ±20%, 1800V (29SH9UC)
C439	24829473	PF, 0.047μF, 400V (29SH9UC)
C442	24503251	PF, 0.18μF, 400V (29SH9UC)
C443	24503346	PF, 3300pF, ±20%, 1800V (29SH9UC)
C444	24503346	PF, 3300pF, ±20%, 1800V (29SH9UC)
C476	24082637	PF, 0.1μF, 400V (29SH9UC)
C482	24591103	PF, 0.01μF (29SH9UC)
C483	24591223	PF, 0.022μF (29SH9UC)
C493	24591473	PF, 0.047μF (29SH9UC)
C497	24829333	PF, 0.033μF, 400V (29SH9UC)
C498	24539104	PF, 0.1μF (29SH9UC)
CA80	24794100	EL, 10μF, ±20%, 16V
CB40	24092538	Chip, 1μF, +80%, -20%, 10V
CB41	24109222	Chip, 2200pF, ±10%
CB42	24105561	Chip, 560pF
CB43	24109332	Chip, 3300pF, ±10%
CD19	24590103	PF, 0.01μF
CD20	24590333	PF, 0.033μF
CD41	24503041	PF, 0.1μF, 63V
CD42	24590103	PF, 0.01μF
CD43	24503041	PF, 0.1μF, 63V
CD44	24503041	PF, 0.1μF, 63V
CD45	24503044	PF, 0.18μF, 63V
CD46	24503044	PF, 0.18μF, 63V
CD47	24503047	PF, 0.33μF, 63V
CD48	24503047	PF, 0.33μF, 63V
CD49	24797010	EL, 1μF, ±20%, 50V
CD60	24797100	EL, 10μF, ±20%, 50V
CD61	24590333	PF, 0.033μF
CD62	24590103	PF, 0.01μF
CD63	24503049	PF, 0.47μF, 63V
CD64	24539334	PF, 0.33μF
CD65	24436221	CD, 220pF
CD70	24794221	EL, 220μF, ±20%, 16V
CD71	24232103	CD, 0.01μF, +80%, -20%
CD73	24797100	EL, 10μF, ±20%, 50V
CD74	24794221	EL, 220μF, ±20%, 16V
CD75	24797100	EL, 10μF, ±20%, 50V
CD76	24797100	EL, 10μF, ±20%, 50V
CD77	24797100	EL, 10μF, ±20%, 50V

位置号	部件号	说明
CD81	24503041	PF, 0.1μF, 63V
CD82	24503041	PF, 0.1μF, 63V
CD83	24503041	PF, 0.1μF, 63V
CD84	24503041	PF, 0.1μF, 63V
CD89	24797100	EL, 10μF, ±20%, 50V
CS24	24797229	EL, 2.2μF, ±20%, 50V
CV23	24794101	EL, 100μF, ±20%, 16V
CV24	24100104	Chip, 0.1μF, +80%, -20%, 25V
CV42	24100104	Chip, 0.1μF, +80%, -20%, 25V
CV46	24092621	Chip, 1μF, ±10%, 10V
CY103	24109103	Chip, 0.01μF, ±10%
CY104	24793101	EL, 100μF, ±20%, 10V
CY109	24109103	Chip, 0.01μF, ±10%
CY110	24109103	Chip, 0.01μF, ±10%
CY111	24796479	EL, 4.7μF, ±20%, 35V
CY112	24794101	EL, 100μF, ±20%, 16V
CY117	24109102	Chip, 1000pF, ±10%
CY601	24794101	EL, 100μF, ±20%, 16V
CY602	24797479	EL, 4.7μF, ±20%, 50V
CY603	24797479	EL, 4.7μF, ±20%, 50V
CY604	24794102	EL, 1000μF, ±20%, 16V
CY605	24797479	EL, 4.7μF, ±20%, 50V
CY606	24797479	EL, 4.7μF, ±20%, 50V
CY608	24744101	EL, 100μF, ±20%, 16V
CY610	24206478	EL, 0.47μF, ±20%, 50V
DD81	23118859	Diode, 1SS133
DD82	23118859	Diode, 1SS133
DD83	23118859	Diode, 1SS133
DY601	23118859	Diode, 1SS133
DY602	23118859	Diode, 1SS133
E963	23974994	Band L100 (29SH9UC)
E964	23845511	Safety Belt, L=253 (29SH9UC)
G306	24366562	CF, 5600 ohm (29SH9UC)
G337	24366432	CF, 4300 ohm (29SH9UC)
G615	23238714	Coil, Peaking, TRF4100AJ
G616	23238714	Coil, Peaking, TRF4100AJ
GCD86	24797100	EL, 10μF, ±20%, 50V
GCD88	24797100	EL, 10μF, ±20%, 50V
GCD90	24797100	EL, 10μF, ±20%, 50V
GCD91	24797100	EL, 10μF, ±20%, 50V
GJ20	24000445	Chip Jumper, 1680 Type
GJ21	24000445	Chip Jumper, 1680 Type
GJ101	24000445	Chip Jumper, 1680 Type
GRD80	24366103	CF, 10k ohm
GRD82	24366103	CF, 10k ohm
H0011	23321425	Tuner, EC954W1
HY01A	23379844	Cable, Phono Plug 2C-2V
HY02	23148363	Module, MVCM13A, IF
K902	23306473	Remocon Hand Unit, CT-90128
L442	23248302	Coil, Choke, TLN3521GH (29SH9UC)
L462	23231360	Deflection Yoke, TDY-8296A (29SH9UC)
L462C	23199746	Conver Revision Board, Control XH (29SH9UC)
L462D	23993696	Conver Revision Board, Correction YH(29SH9UC)
L462E	23993076	Conver Board, Conv YV (29SH9UC)
L901	23200522	Coil, Degaussing, TSB-2389AH (29SH9UC)
LC01	23261959	Coil, Choke, TRF9240
LC02	23261959	Coil, Choke, TRF9240
LV01	23103159	Coil (Ferrite Bead), TEM2028AA

位置号	部件号	说明
LV42	23289840	Coil, Peaking, TRF4100AT
LY101	23248312	Coil, Choke, TLN3040GH
LY102	23238506	Coil, Peaking, TRF4229AJ
LY103	23238506	Coil, Peaking, TRF4229AJ
LY104	23238506	Coil, Peaking, TRF4229AJ
M461A	23192950	Anode Cap, TCC5600BD (29SH9UC)
M461B	23509111	Cable Forcus (29SH9UC)
PV11A	23368578	Plug, 4P
PV11B	23368578	Plug, 4P
PY630	23365500	Jack, Earphone
Q301	23905610	IC, LA7846N (29SH9UC)
Q304	23114433	Transistor, 2SC1815-Y (29SH9UC)
QA01	23009681	IC, CXP750010-316S
QA10	23314163	Transistor, 2SA1162-Y
QB44	23314163	Transistor, 2SA1162-Y
QB45	23314204	Transistor, 2SC2412K,Q
QD41	23000725	IC, NJM2700L
QD42	23314085	Transistor, FET, 2SK372 V
QD43	23314085	Transistor, FET, 2SK372 V
QD44	23114460	Transistor, RN1204
QD45	23114460	Transistor, RN1204
QD81	23114466	Transistor, RN2204
QD82	23114623	Transistor, 2SC2878-A(TEM
QD83	23114623	Transistor, 2SC2878-A(TEM
QV06	23314163	Transistor, 2SA1162-Y
QV09	23314163	Transistor, 2SA1162-Y
QY10	23314994	Transistor, 2SA1576A106
QY180	23114499	Transistor, RN1404
QY185	23114499	Transistor, RN1404
QY601	23318255	IC, UPC1406HA
QY602	23114433	Transistor, 2SC1815-Y
QY604	23114623	Transistor, 2SC2878-A(TEM
QY605	23114425	Transistor, 2SA1015-Y(TE
QY606	23114478	Transistor, RN2004
R1063	24000445	Chip Jumper, 1680 Type
R1065	24000445	Chip Jumper, 1680 Type
R218	24366273	CF, 27k ohm (29SH9UC)
R219	24366433	CF, 43k ohm (29SH9UC)
R227	24366273	CF, 27k ohm (29SH9UC)
R228	24366223	CF, 22k ohm (29SH9UC)
R305	24322109	OMF, 1.0 ohm, 1W (29SH9UC)
R311	24366911	CF, 910 ohm (29SH9UC)
R313	24003924	MF, 3300 ohm, 1/4W (29SH9UC)
R317	24366102	CF, 1k ohm (29SH9UC)
R321	24000372	MF, 3900 ohm, 1/4W (29SH9UC)
R324	24366681	CF, 680 ohm (29SH9UC)
R325	24366103	CF, 10k ohm (29SH9UC)
R326	24366222	CF, 2200 ohm (29SH9UC)
R328	24366102	CF, 1k ohm (29SH9UC)
R330	24000633	MF, 10k ohm, 1/4W (29SH9UC)
R333	24000528	MF, 6200 ohm, 1/4W (29SH9UC)
R336	24383221	OMF, 220 ohm, 2W (29SH9UC)
R353	24366471	CF, 470 ohm (29SH9UC)
R494	24366224	CF, 220k ohm (29SH9UC)
R497	24366124	CF, 120k ohm (29SH9UC)
R498	24366333	CF, 33k ohm (29SH9UC)
R801	24009954	Metal-Glazed Resistor, 2.2M ohm, 1/2W (29SH9UC)
R4462	24011562	Chip, 5600 ohm, 1/20W (29SH9UC)
RA81	24011102	Chip, 1k ohm, 1/20W
RB37	24011331	Chip, 330 ohm, 1/20W
RB38	24011105	Chip, 1M ohm, 1/20W
RB39	24011123	Chip, 12k ohm, 1/20W
RB40	24011392	Chip, 3900 ohm, 1/20W
RB41	24011392	Chip, 3900 ohm, 1/20W
RB42	24011103	Chip, 10k ohm, 1/20W
RD02	24366223	CF, 22k ohm
RD18	24366223	CF, 22k ohm
RD41	24366103	CF, 10k ohm
RD42	24366223	CF, 22k ohm
RD43	24366182	CF, 1800 ohm
RD44	24366123	CF, 12k ohm
RD45	24366333	CF, 33k ohm
RD46	24366272	CF, 2700 ohm
RD47	24366104	CF, 100k ohm
RD48	24366682	CF, 6800 ohm
RD49	24366392	CF, 3900 ohm
RD60	24366392	CF, 3900 ohm
RD61	24366272	CF, 2700 ohm
RD62	24366272	CF, 2700 ohm
RD63	24366104	CF, 100k ohm
RD72	24366101	CF, 100 ohm
RD73	24366101	CF, 100 ohm
RD74	24366101	CF, 100 ohm
RD75	24366393	CF, 39k ohm
RD76	24366182	CF, 1800 ohm
RD77	24366393	CF, 39k ohm
RD78	24366182	CF, 1800 ohm
RD79	24366183	CF, 18k ohm
RD81	24366183	CF, 18k ohm
RD83	24366103	CF, 10k ohm
RD85	24366223	CF, 22k ohm
RD86	24366223	CF, 22k ohm
RD87	24366223	CF, 22k ohm
RD88	24366223	CF, 22k ohm
RS58	24011272	Chip, 2700 ohm, 1/20W
RV19	24552101	OMF, 100 ohm, 1/2W
RV26	24011272	Chip, 2700 ohm, 1/20W
RV27	24011102	Chip, 1k ohm, 1/20W
RV28	24011102	Chip, 1k ohm, 1/20W
RV41	24011101	Chip, 100 ohm, 1/20W
RV60	24011222	Chip, 2200 ohm, 1/20W
RY02	24011101	Chip, 100 ohm, 1/20W
RY03	24011222	Chip, 2200 ohm, 1/20W
RY04	24011103	Chip, 10k ohm, 1/20W
RY126	24011683	Chip, 68k ohm, 1/20W
RY127	24011104	Chip, 100k ohm, 1/20W
RY604	24366102	CF, 1k ohm
RY605	24366104	CF, 100k ohm
RY606	24366393	CF, 39k ohm
RY607	24366153	CF, 15k ohm
RY608	24366152	CF, 1500 ohm
RY609	24366391	CF, 390 ohm
RY610	24553560	OMF, 56 ohm, 1W
RY613	24553820	OMF, 82 ohm, 1W
RY614	24366103	CF, 10k ohm
RY615	24366223	CF, 22k ohm
RY616	24366104	CF, 100k ohm
RY631	24366100	CF, 10 ohm
RY632	24366100	CF, 10 ohm
U901	23761204	CRT-D Board, PD1292D (29SH9UC)
U902	23761205	SIGNAL Board, PD0788G (29SH9UC)
U902	23761037	SIGNAL Board, PD0788E (34SH9UC)
U904	23761206	DEF Board, PD0793D (29SH9UC)

位置号	部件号	说明
U905	23761207	E&E/V OUT Board, PD0791D (29SH9UC)
U906A	23761041	CONTROL Board, PD1365A1
U906B	23761042	LED Board, PD1365A2
U908	23761044	SRS WOW Board, PD0797C
UX01	23148070	Module, MVPC06A, VIDEO PIP B31
V901	23324067	Picture Tube, M68LWM356X (29SH9UC)
V901M	23102523	Magnet, MAG-1122 (29SH9UC)
Y101	23566033	Owner's Manual, English/ Mandarin, 29SH9UC/34SH9UC
Z601	23303183	Filter, TEM1014N
Z602	23303183	Filter, TEM1014N

位置号	部件号	说明

大连东芝电视有限公司
中国大连经济技术开发区鞍山街8号

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CHAPTER 1 GENERAL ADJUSTMENTS

SAFETY INSTRUCTIONS

WARNING: BEFORE SERVICING THIS CHASSIS, READ THE "X-RAY RADIATION PRECAUTION", "SAFETY PRECAUTION" AND "PRODUCT SAFETY NOTICE" INSTRUCTIONS BELOW.

X-RAY RADIATION PRECAUTION

1. Excessive high voltage can produce potentially hazardous X-RAY RADIATION. To avoid such hazards, the high voltage must not be above the specified limit. The nominal value of the high voltage of this receiver is (A) kV at zero beam current (minimum brightness) under a (C) V AC power source. The high voltage must not, under any circumstances, exceed (B) kV.

   Refer to table-1 for high voltage (A), (B) & AC voltage (C). (See SETTING & ADJUSTING DATA on page 18)

   Each time a receiver requires servicing, the high voltage should be checked following the HIGH VOLTAGE CHECK procedure in this manual. It is recommended that the reading of the high voltage be recorded as a part of the service record. It is important to use an accurate and reliable high voltage meter.
2. The only source of X-RAY RADIATION in this TV receiver is the picture tube. For continued X-RAY RADIATION protection, the replacement tube must be exactly the same type tube as specified in the parts list.
3. Some part in this receiver have special safety-related characteristics for X-RAY RADIATION protection. For continued safety, parts replacement should be undertaken only after referring to the PRODUCT SAFETY NOTICE below.

SAFETY PRECAUTION

WARNING : Service should not be attempted by anyone unfamiliar with the necessary precautions on this receiver. The following are the necessary precautions to be observed before servicing this chassis.

1. An isolation transformer should be connected in the power line between the receiver and the AC line before any service is performed on the receiver.
2. Always discharge the picture tube anode to the CRT conductive coating before handling the picture tube. The picture tube is highly evacuated and if broken, glass fragments will be violently expelled. Use shatter proof goggles and keep picture tube away from the unprotected body while handling.
3. When replacing a chassis in the cabinet, always be certain that all the protective devices are put back in place, such as; non-metallic control knobs, insulating covers, shields, isolation resistor-capacitor network etc.

PRODUCT SAFETY NOTICE

Many electrical and mechanical parts in this chassis have special safety-related characteristics. These characteristics are often passed unnoticed by a visual inspection and the protection afforded by them cannot necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in this manual and its supplements; electrical components having such features are identified by the international hazard symbols on the schematic diagram and the parts list.
Before replacing any of these components, read the parts list in this manual carefully. The use of substitute replacement parts which do not have the same safety characteristics as specified in the parts list may create shock, fire, X-ray radiation or other hazards.

WARNING: BEFORE SERVICING THIS CHASSIS, READ THE "X-RAY RADIATION PRECAUTION", "SAFETY PRECAUTION" AND "PRODUCT SAFETY NOTICE" ON PAGE 3 OF SERVICE MANUAL.

SET-UP ADJUSTMENT

■ The following adjustments should be made when a complete realignment is required or a new picture tube is installed. Perform the adjustments in order as follows :

1. Color Purity
2. Convergence
3. White Balance

Note: The PURITY/CONVERGENCE MAGNET assembly and rubber wedges need mechanical positioning. Refer to figure 1.

COLOR PURITY ADUSTMENT

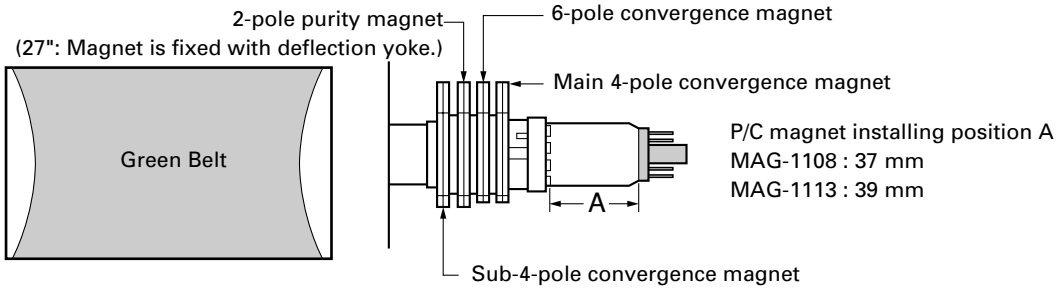
(1) Let the screen face in the installing direction or toward the east (when it is to be moved), bring up the service mode screen after demagnetizing (front, left, right, and top) with the degaussing coil, receive white signals by pressing the [TV/VIDEO] button, and then the receiver should be operated for more than 40 minutes.

(2) Perform rough adjustment of the central convergence with the P/C magnet according to the adjustment item.

(3) Receive built-in green signals, loosen set screws on the deflection yoke, remove rubber wedges, and shift the deflection yoke to toward front.

(4) Move alternately the two 2-pole magnets of the P/C magnets so that the green raster can come to the center of the screen.

Figure 1.

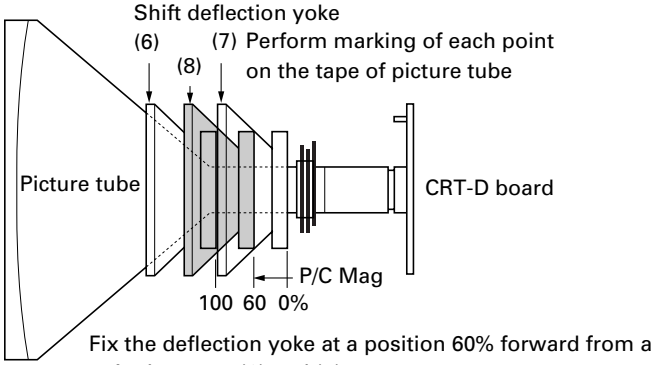


(5) Receive built-in red and blue signals, check that there is no inclination of the single color raster toward one side, and if each color tilts to a great extent, make adjustment with the 2-pole magnet so that the 3 colors will come to the center evenly.

(6) Receive the green raster, shift the deflection yoke from a foremost position (hitting against the picture tube) to a backward position horizontally, stop the deflection yoke at a position where it begins to become a green raster, and perform accurate marking on the picture tube.

(7) Shift the deflection yoke further backward, and perform accurate marking at a position where the green raster begins to being luck.

(8) Fix the deflection yoke at a position 60% forward within the range marked in items (6) and (7) above.



Fix the deflection yoke at a position 60% forward from a point between (6) and (7)

CONVERGENCE ADJUSTMENTS

* Adjust the convergence magnet to get vest convergence in the the order to (1) ~ (5).

■ CENTER CONVERGENCE:

(1) Receive the white crosshatch or dot pattern from the service signal generator.

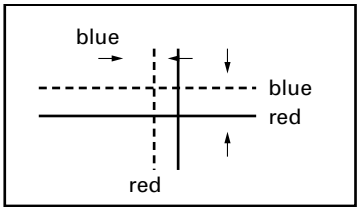
(2) Use the 2 pieces of main 4-pole magnets of P/C magnets, change the open angle, and align the red and blue vertical lines on the screen center.

(3) Freeze the open angle of the main 4-pole magnets, turn them simultaneously, and align the horizontal lines.

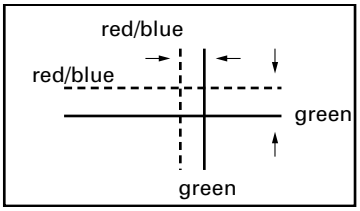
(4) Take the same steps for items (2) and (3) above and align red/blue with green on the screen center using two 6-pole magnets.

(5)Adjust the sub-4-pole magnets only in case there is any deviation of Xv bow-shaped convergence. (To be usually set at the initial position)

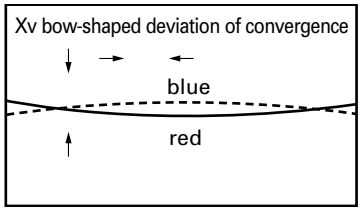
Align both sides with the sub-4-pole magnets and minimize the deviation of blue and red with the main 4-pole magnets.



Main 4-pole magnet



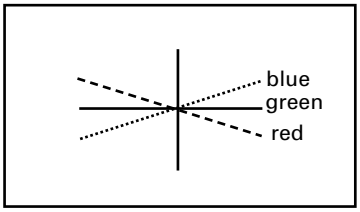
6-pole magnet

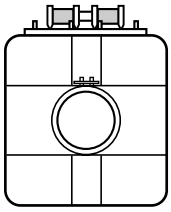


Sub-4-pole magnet

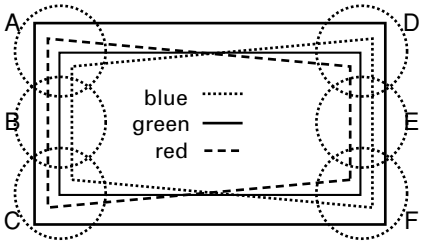
■ CIRCUMFERENCE CONVERGENCE:

* Perform correction in the following manner.

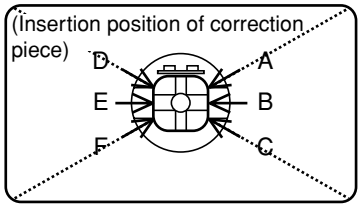




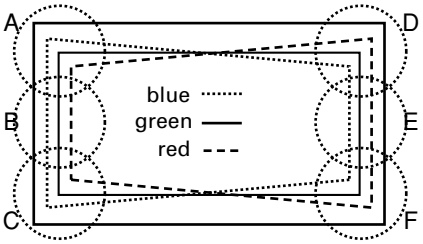
• Adjust coils and minimize deviation
(The 27" unit has coils underneath it)



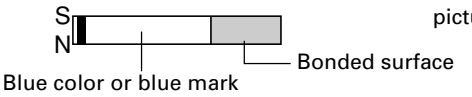
(Parts code:23 948 274) TC-S

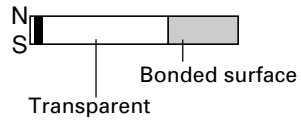


*Insert the correction piece between the picture tube and the deflection yoke.

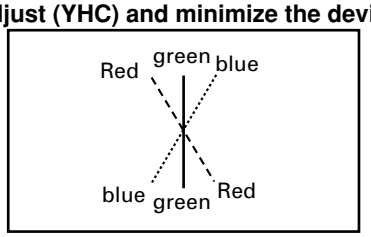


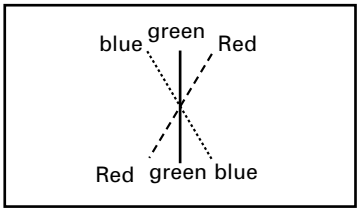
(Parts code:23 948 464)

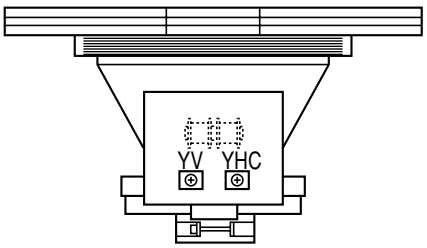




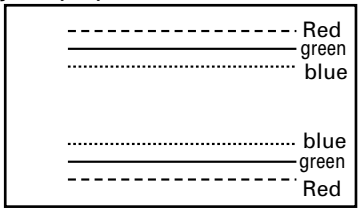
Adjust (YHC) and minimize the deviation of YH.

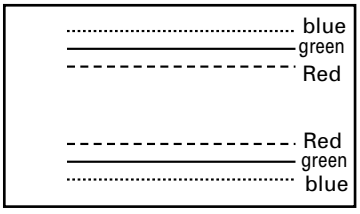


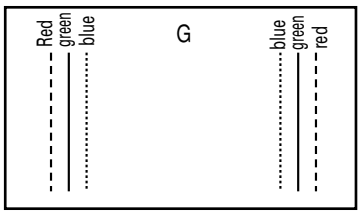


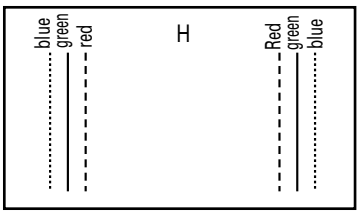


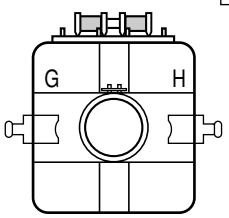
Adjust (YV) and minimize the deviation of YV.











Perform correction by inserting the correction piece into the clearance of terminal board coils of the deflection yoke.

Note:

Perform insertion by turning the metal side to the terminal board side of the deflection yoke.

SERVICE MODE

1. ENTERING TO SERVICE MODE

1) Press 🔇 button once on Remote Control.

2) Press 🔇 button again to keep pressing.

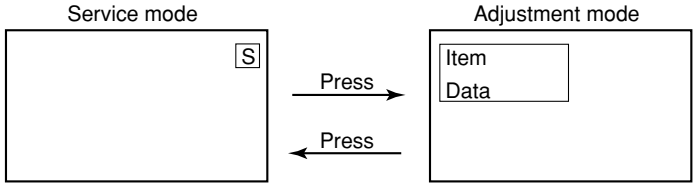
3) While pressing the 🔇 button, press MENU button on TV set.



(Service mode display)

2. DISPLAYING THE ADJUSTMENT MENU

1) Press MENU button on TV.



3. KEY FUNCTION IN THE SERVICE MODE

The following key entry during display of adjustment menu provides special functions.

A single horizontal line ON/OFF:	- / - - button (on Remote) or ⊖ button (on TV)
Selection of the adjustment items :	Channel ▲/▼ (on TV or Remote)
Change of the data value :	Volume ◿ +/– (on TV or Remote)
Adjustment menu mode ON/OFF :	MENU button (on TV)
Initialization of the memory (QA02) :	CALL + Channel button on TV (▲)
Reset the count of operating protect circuit to “00”:	CALL + Channel button on TV (▼)
“RCUT” selection :	1 button
“GCUT” selection :	2 button
“BCUT” selection :	3 button
“CNTX” (or “SCNT”) selection :	4 button
“COLC” selection :	5 button– – – – – Color thickness correction
“TNTC” selection :	6 button note: Displayed differently as shown below, depending on the setting of the receiving color system.
Self diagnostic display ON/OFF :	9 button

CAUTION : Never try to perform initialization unless you have changed the memory IC.

4. SELECTING THE ADJUSTING ITEMS

1) Every pressing of CHANNEL ▲ button in the service mode changes the adjustment items in the order of table-2. (▼ button for reverse order)

Refer to table-2 for preset data of adjustment mode.
(See SETTING & ADJUSTING DATA on page 18)

5. ADJUSTING THE DATA

1) Pressing of VOLUME ◿ +/– button will change the value of data in the range from 00H to FFH. The variable range depends on the adjusting item.

6. EXIT FROM SERVICE MODE

1) Pressing POWER button to turn off the TV once.

■ INITIALIZATION OF MEMORY DATA OF QA02

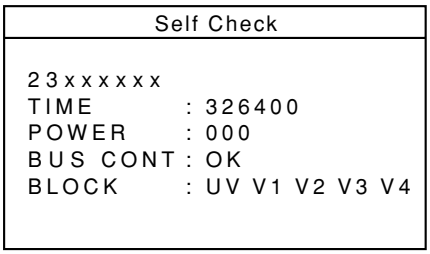
After replacing QA02, the following initialization is required.

1. Enter the service mode, then select any register item.
2. Press and hold the CALL button on the Remote, then press the CHANNEL ▲ button on the TV. The initialization of QA02 has been complated.
3. Check the picture carefully. If necessary, adjust any adjustment item above. Perform “Auto search Memory” on the owner’s manual.

CAUTION: Never attempt to initialize the data unless QA02 has been replaced.

8. SELF DIAGNOSTIC FUNCTION

1) Press “9” button on Remote Control during display of adjustment menu in the service mode.
   The diagnosis will begin to check if interface among IC’s are executed properly.
2) During diagnosis, the following displays are shown.



① Part number of microprocessor (QA01)
② Total hour of turn the TV on.
③ Operation number of protecting circuit ----“00” is normal.
   When indication is other than “00”, overcurrent apts to flow, and circuit parts may possibly be damaged.
④ BUS CONT ----“OK” is normal.
   When indication shows “Q ○○○ NG”, the device with the number may possibly be damaged.
⑤ BLOCK
   UV : TV reception mode
   V1 : VIDEO 1 input mode (→①)
   V2 : VIDEO 2 input mode (→②)
   V3 : VIDEO 3 input mode (→③)
   V4 : VIDEO 4 input mode (→④)

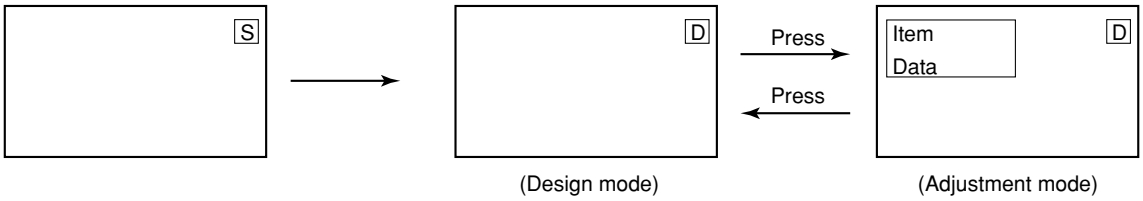
Indicated color of mode now selected : Green and Red
Indicated color of other modes : White

Green : Normal
Red : The microprocessor operates to provide judgement of no video signal. The red color is still indicated though the signal is input, failure may exist in input signal line including QV01.

DESIGN MODE

1. ENTERING TO DESIGN MODE

1) Select the Service mode. 2) While pressing 🔇(or CALL) button on Remote and press MENU button on TV. 3) Press MENU button on TV.



When QA02 is initialized, items “OPT0”, “OPT1”, “OPT2” and “OPT3” of DESIGN MODE are set to the data of the representative model of this chassis family.
Therefore, because ON-SCREEN specification remains in the state of the representative of model. This model is required to reset the data of items “OPT0”, “OPT1”, “OPT2” and “OPT3”.

2. SELECTING THE ADJUSTING ITEMS

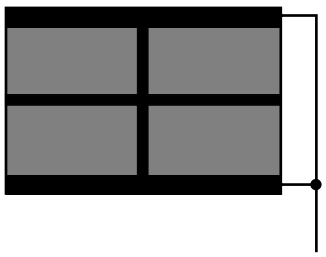
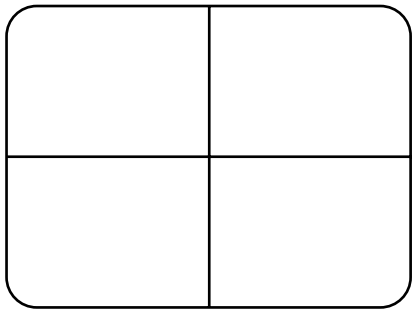
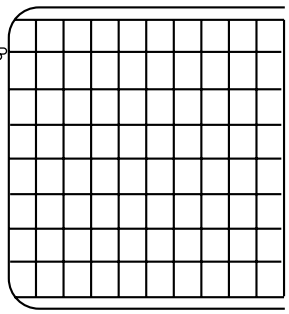
Every pressing of CHANNEL ▼ button in the design mode changes the adjustment items in the order of table-3.
(▲ button for reverse order)

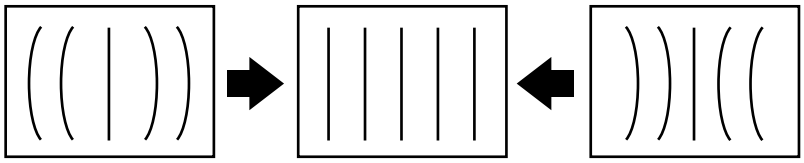
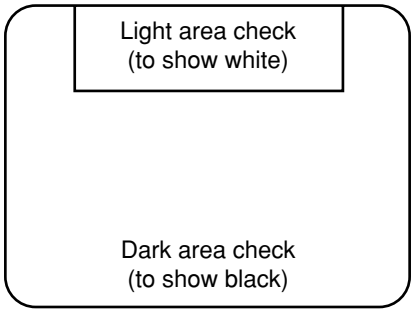
Refer to table-3 for data of design mode.
(See SETTING & ADJUSTING DATA on page 18)

3. ADJUSTING THE DATA

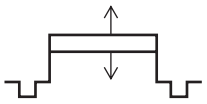
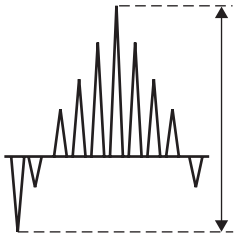
Pressing of VOLUME ▲ or ▼ button will change the value of data.

ELECTRICAL ADJUSTMENTS

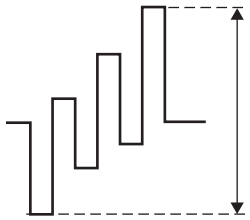
ITEM	ADJUSTMENT PROCEDURE
FOCUS VR ADJ	1. Enter the service mode, then select any register item. 2. Press the TV/VIDEO button on the Remote until the black cross-bar pattern appears on the screen. 3. Adjust the FOCUS control (on T461) for well defined scanning lines on the picture screen.
SUB-BRIGHTNESS (BRTC) Note: Constrict the picture height until the vertical retrace line appears adjusting the item HIT (HEIGHT).	1. Set CONTRAST to minimum, and BRIGHTNESS to center by adjusting user controls. 2. Set the TV in service mode to get Black cross-bar of inside pattern. 3. Select BRTC (brightness correction), and adjust the ◿ – /+ button to reduce the value so that white portion of inside pattern slightly light. 4. Adjust ◿ – /+ button to increase the data value of BRTC, and set it just before the difference between the belt of vertical retrace and the border of black portion of inside pattern is visible. After that, return vertical height and contrast.  Belt of vertical retrace
HORIZONTAL POSITION ADJUSTMENT (HPOS) VERTICAL POSITION ADJUSTMENT (VPOS)	1. Set the TV in service mode, and get black cross-bar signal with VIDEO button on remote hand unit. 2. Select either HPOS (Horizontal picture phase) or VPOS (Vertical picture phase) with CHANNEL ▲, ▼ buttons, and adjust horizontal or vertical picture position in the center of screen with VOLUME ◿ – /+ buttons. 
VERTICAL AMPLITUDE ADJUSTMENT (HIT)	1. Set the TV in service mode, and get black cross-hatch signal with VIDEO button on remote hand unit. 2. Select HIT (Vertical amplitude) with CHANNEL ▲, ▼ buttons, and adjust vertical amplitude with VOLUME ◿ – /+ buttons so that vertical amplitude lacks a little. 3. Adjust vertical amplitude with VOLUME ◿ – /+ buttons so that the first bar on cross-hatch signal touches edge of screen. The first ☞ 

ITEM	ADJUSTMENT PROCEDURE
WIDTH (WID)	1. Call up the adjustment mode display, then select the item **WID**. 2. Press the ◿ – /+ button to get the picture so the left and rightedges of raster begins to lack. 3. Press the ◿ – /+ button to advance the data by 7 steps. Note : Check the horizontal picture position is correct.
E-W PARABOLA (PARA)	1. Call up the adjustment mode display, then select the item **PARA**. 2. Press the ⊖ button on Remote until the cross-hatch pattern appears on the screen. 3. Press the ◿ – /+ button to make vertical lines straight as shown below. 
WHITE BALANCE ADJUSTMENT ● CUTOFF ADJUSTMENT (RCUT) (GCUT) (BCUT) ● DRIVE ADJUSTMENT (GDRV) (BDRV)	1. Set Contrast to 40, and brightness to +20 by picture control. 2. Receive the Black and White pattern. 3. Select RCUT, GCUT and BCUT with CHANNEL ▲, ▼ buttons, to set individual values to Initial reference data, and to set GDRV and BDRV to Initial reference data with VOLUME ◿ – /+ buttons. 4. Press -/- - button on the remote control and rotate Screen VR to get one slight horizontal line on screen. Note: Every pressing of -/- - button provides Horizontal line picture and Normal picture alternately. 5. Press -/- - button to release horizontal line picture, and select the two other colors which did not light in the above step with CHANNEL ▲, ▼ buttons. Then tap VOLUME ◿ – /+ buttons so that three colors slightly light in the same level. ※ To correct white balance in light area, select GDRV and BDRV with CHANNEL ▲, ▼ buttons to adjust. ※ To correct white balance in dark area, perform fine adjustment of RCUT, GCUT and BCUT. 

V/C system adjustment

No.	ADJUSTING ITEMS AND POINTS	ADJUSTMENT PROCEDURE	REMARKS
1	Cutoff adjustment and white balance adjustment RCUT GCUT BCUT GDRV BDRV Screen VR	1) Setting to horizontal alignment, turn the screen VR to stop where the brightness lines are slightly luminous. (Adjustment shall be made so that they look almost white.) 2) Cancel horizontal alignment. 3) Varying R, G and B CUTOFF, make white balance adjustment in the dark area. 4) Adjusting G and B DRIVE, make white balance adjustment in the bright area. 5) Repeat procedures 3) and 4) if necessary. Adjustable value: Bright area: 11500K+0.0075uV (103cd/m^2) Dark area: 10500K+0.0105uV (17cd/m^2)	No outside lighting shall be allowed. Measurement shall be performed at the center of CRT. Receiver shall be in the standard state. Total white signal Varying the level of input signal, adjust the brightness. 
2	Sub contrast adjustment (SCNT)	1) Select SCNT in the sub data adjustment mode. 2) With TP-Y, set the amplitude from pedestal level to white peak to 0.70±0.03 V (0-p).	J-2ch sub brightness signal DYNAMIC
3	Sub brightness adjustment (BRTC)	1) Select BRTC in the sub data adjustment mode. Adjust the number of black solid lines to 5±1.5.	J-2ch sub brightness signal DYNAMIC
4	Sub color adjustment NTSC (COLC)	1) Select COLC in the sub data adjustment mode. 2) With TP-PB, set the level of color bar to 0.36±0.02 V (p-p).	J-2ch sub brightness signal DYNAMIC 

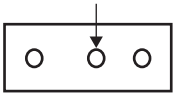
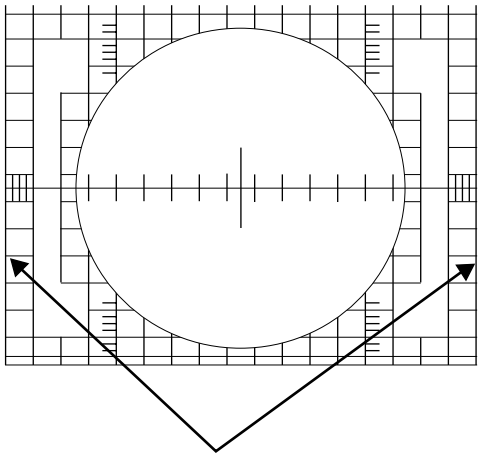
V/C system adjustment (Chassis adjusment)

No.	ADJUSTING ITEMS AND POINTS	ADJUSTMENT PROCEDURE	REMARKS
5	Sub color adjustment SECAM (COLS)	1) Select COLS in the sub data adjustment mode. 2) With TP-PB, set the level of color bar to 0.54±0.05 V(p-p).	E-2ch SECAM color bar signal DYNAMIC 
6	DW sub screen contrast adjustment (PCNT)	1) Select PCNT in the sub data adjustment mode. 2) With TP-Y, make adjustment so that the amplitude of sub screen (right image) coincides with that of main screen (left image).	J-2ch for both main and sub screens Sub brightness signal DYNAMIC
7	DW sub screen color adjustment (PCOLC)	1) Select PCOLC in the sub data adjustment mode. 2) With TP-PB, make adjustment so that the amplitude of sub screen (right image) coincides with that of main screen (left image).	J-2ch for both main and sub screens Sub brightness signal DYNAMIC
8	DW sub screen color adjustment (PCOLS)	1) Select PCOLS in the sub data adjustment mode. 2) With TP-PB, make adjustment so that the amplitude of sub screen (right image) coincides with that of main screen (left image).	E-2ch for both main and sub screens SECAM color bar signal DYNAMIC

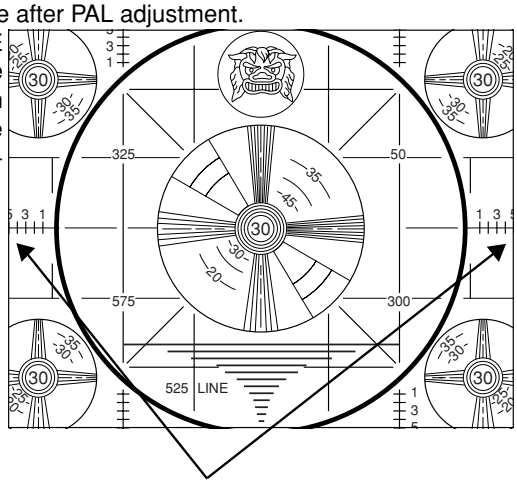
Circuit adjustment (deflection system adjustment procedure)

No.	ADJUSTING ITEMS AND POINTS	ADJUSTMENT PROCEDURE
1	Focus adjustment (1) Focus VR Main: T461 Sub: R950	Conditions: E-12ch, Screen size: WIDE, Image mode: DYNAMIC Adjustment: After presetting R950 sub VR to the center of VR, adjust the screen center to the best focus quality with T461 focus VR.
2	Focus adjustment (2) R950	Conditions: E-12ch, Screen size: WIDE, Image mode: DYNAMIC Adjustment: With sub focus VR (R950) on CRT drive board, set the position so as to minimize vertical fly-back lines at corners.
3	Focus adjustment (3)	Repeating the above focus adjustment procedures (1) and (2), adjustment so as to obtain the best focus on the entire screen.

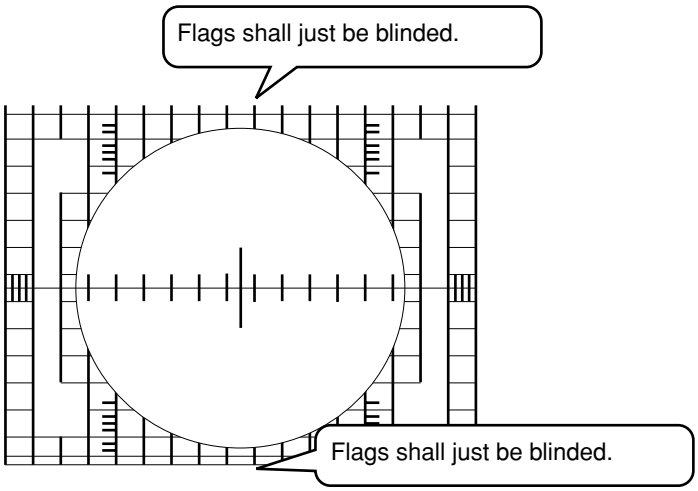
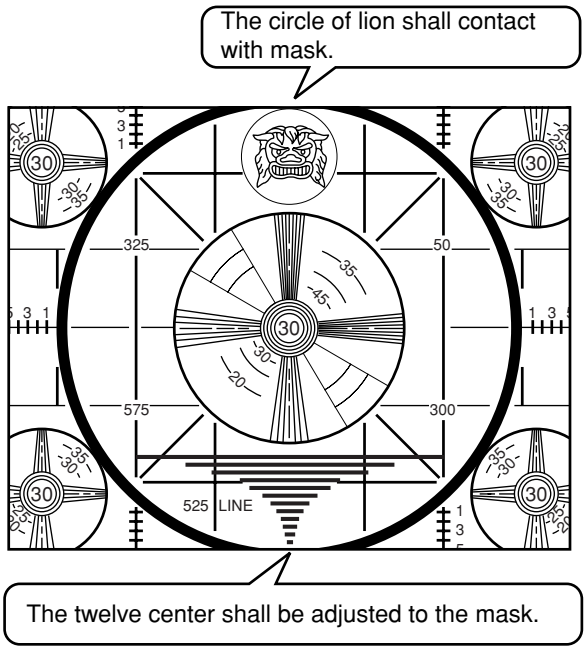
Horizontal adjustment * Deflection adjustment shall be made from PAL/100 Hz/WIDE mode.

	ADJUSTING ITEMS AND POINTS	ADJUSTMENT PROCEDURE
Horizontal	For PAL/100 Hz/WIDE Horizontal amplitude (WID) Side pin distortion (PARA) Trapezoidal distortion (TRAP) Corner distortion (CNR) Upper corner distortion (TCNR) Lower corner distortion (BCNR) CENT distortion (CPAR) Parallelogrammatic distortion (CSAW) Horizontal phase (HPOS) Note 1: POW/DEF board: P451/M450 Horizontal screen positional switch CENT  Right side Left side Screen position shall be switched by inserting a plug into the above pin.	<Adjustment condition> Horizontal adjusment shall be made using E-12CH Philips pattern and DYNAMIC image mode. <Adjustment procedure> 1) Using WID data, reduce the horizontal amplitude until a part of it is dropped out. 2) Using WID data, adjust the horizontal amplitude so that horizontal raster inevitably contacts with CPT mask. 3) Using the following (Note 1) horizontal screen positional switch, adjust the horizontal raster position to the center position. 4) Using the horizontal amplitude (WID) and horizontal phase (HPOS), adjust the horizontal amplitude so that the right and left flags are just blinded.  The adjustment shall be made so that the right and left flags are just blinded. 5) Using PARA, TRAP, CNR and CPAR (or TCNR, BCNR or CSAW if necessary), adjust the screen distortion. 6) If necessary, make the horizontal amplitude adjustment again. 7) Check the side pin distortion in 4:3 mode. (If necessary, the adjustment shall be made, checking the quality of 4:3 side panel.)

Horizontal adjustment

	ADJUSTING ITEMS AND POINTS	ADJUSTMENT PROCEDURE
Horizontal	For NTSC WIDE Horizontal phase (NHPO) Horizontal amplitude (NWID) Side pin distortion (NPAR) Trapezoidal distortion (NTRA) Corner distortion (NCNR) CENT distortion (NCPAR) Parallelogrammatic distortion (NCSAW) Upper corner distortion (NTCNR) Lower corner distortion (NBCNR)	* NTSC adjustment shall be made after PAL adjustment. 1) With domestic 13ch, WIDE mode and DYNAMIC, adjust the right and left bars to the fifth center for horizontal phase (NHPO) and horizontal amplitude (NWID).  Right and left bars shall be adjusted to the fifth center. 2) With domestic 11ch, NPAR, NTRA, NCNR and NCPAR (or NTCNR, NBCNR or NCSAW if necessary), adjust the screen distortion. 3) If necessary, make horizontal amplitude adjustment again. 4) Check the side pin distortion in 4:3 mode. (If necessary, the adjustment shall be made, checking the quality of 4:3 side panel.)

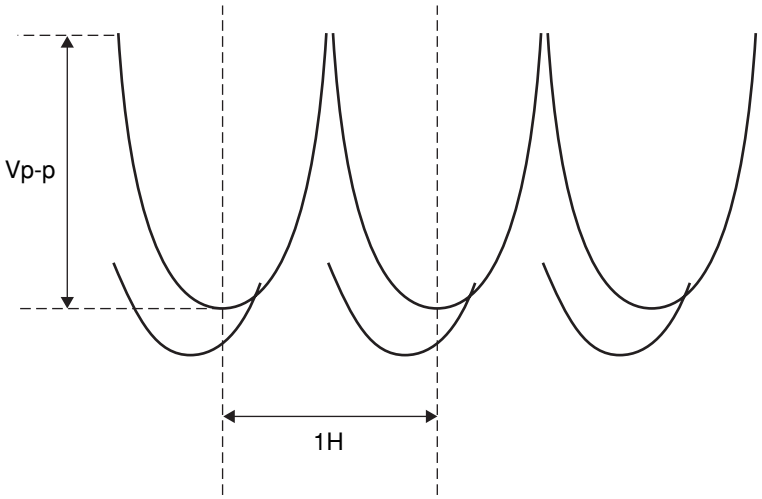
Vertical adjustment

	ADJUSTING ITEMS AND POINTS	ADJUSTMENT PROCEDURE
Vertical	For PAL WIDE Vertical amplitude (HIT) Vertical screen position (TCNR) Vertical linearity (VLIN)	1) With E-12ch, WIDE mode, DYNAMIC and 100 Hz, adjust the vertical screen position (VPOS) and amplitude (HIT) as shown in the following figure:  2) With vertical linearity (VLIN), control the upper and lower balances to be optimal.
	For NTSC WIDE Vertical amplitude (NHIT) Vertical screen position (NVPO)	* NTSC adjustment shall be made after the PAL adjustment. With domestic 13ch, WIDE mode and DYNAMIC, adjust the vertical screen position (NVPO) and amplitude (NHIT) as shown in the following figure: 

Geomagnetic compensation (chassis adjustment)

	ADJUSTING ITEMS AND POINTS	ADJUSTMENT PROCEDURE
1	Output voltage control (GMF)	Conditions: User control for geomagnetic compensation: 0 Geomagnetic compensation coil: Unconnected Perform voltage measurement at both ends of RJ06 and adjust the voltage to the following adjustable value with GMF of data adjustment mode: 0 ± 5V

Horizontal adjustment * DQF adjustment shall be made in PAL WIDE mode.

	ADJUSTING ITEMS AND POINTS	ADJUSTMENT PROCEDURE
Horizontal	DQF output voltage adjustment	Measure the terminal voltage waveform of test pin (DF terminal) with 100:1 probe and adjust the terminal voltage using L451 (horizontal amplitude coil: TLN2110AD).  Adjust the above waveform by turning the core of L451 so as to obtain the following voltage: 36": 1350 Vp-p Note: Because the vertical cycle parabolic waveform is also of superposition, the above voltage value shall be measured on the waveform. Adopted signal: PAL E-12ch

CIRCUIT CHECK

HIGH VOLTAGE CHECK

CAUTION: There is no HIGH VOLTAGE ADJUSTMENT on this chassis. Checking should be done following the steps below.

1. Connect an accurate high voltage meter to the second anode of the picture tube.
2. Turn on the receiver. Set the BRIGHTNESS and CONTRAST controls to minimum (zero beam current).
3. High voltage must be measured below (B) kV.

Refer to table-1 for high voltage (B).
(See SETTING & ADJUSTING DATA on page 18)

4. Vary the BRIGHTNESS control to both extremes to be sure the high voltage does not exceed the limit under any conditions.

CHAPTER 2 SPECIFIC INFORMATIONS

SETTING & ADJUSTING DATA

【 SAFETY INSTRUCTIONS 】

		36"
HIGH VOLTAGE AT ZERO BEAM:	(A)	30.5 kV
MAX HIGH VOLTAGE:	(B)	33.5 kV
AC VOLTAGE	(C)	220~240 V

Table-1

【 SERVICE MODE 】

ADJUSTING ITEMS AND DATAS IN THE SERVICE MODE:

Item	Name of adjustment	Preset	Data	Item	Name of adjustment	Preset	Data
RCUT	R CUTOFF (B/W)	40H	←	VPS	V-SHIFT	40H	←
GCUT	G CUTOFF (B/W)	40H	←	WID	PICTURE WIDTH	49H	←
BCUT	B CUTOFF (B/W)	40H	←	PARA	E-W PARABOLA	0DH	←
GDRV	G DRIVE	40H	←	CNR	E-W CORNER	14H	←
BDRV	B DRIVE	40H	←	TRAP	TRAPEZIUM	3DH	←
CNTX	SUB CONTRAST MAX (4:3 MODE)	7FH	←	CPAR	CENT PARABOLA	08H	←
BRTC	SUB BRIGHT CEN	80H	←	TCNR	EW TOP CORNER	14H	←
COLC	SUB COLOR CEN NTSC	00H	←	BCNR	EW BOTTOM CORNER	12H	←
TNTC	SUB TINT CEN	7AH	←	CSAW	CENTER SAW	08H	←
COLP	SUB COLOR CEN PAL	03H	←	NHPO	NTSC H-POSITION	0FH	←
COLS	SUB COLOR CEN SECAM	FCH	←	NVPO	NTSC V-POSITION	82H	←
SCNT	SUB CONTRAST	4AH	←	NHIT	NTSC HEIGHT	32H	←
VOLS	MSP DEM VOLS	75H	←	NVLI	NTSC V-LINEARITY	14H	←
FVOL	MSP DEM FVOL	15H	←	NVPS	NTSC V-SHIFT	40H	←
NVOL	MSP DEM NVOL	3CH	←	NWID	NTSC PICTURE WIDTH	4FH	←
NICL	MSP DEM NICL	03H	←	NPAR	NTSC E-W PARABOLA	0EH	←
NICH	MSP DEM NICH	0AH	←	NCNR	NTSC E-W CORNER	14H	←
IDL	MSP DEM IDL	90H	←	NTRA	NTSC TRAPEZIUM	3AH	←
IDH	MSP DEM IDH	A0H	←	NCPAR	NTSC CENT PARABOLA	08H	←
HPOS	576i 100Hz	35H	←	NTCNR	NTSC TOP CORNER	15H	←
VPOS	V-POSITION	80H	←	NBCNR	NTSC BOTTOM CORNER	12H	←
HIT	HEIGHT	34H	←	NCSAW	NTSC CNETER SAW	08H	←
VLIN	V-LINEARITY	12H	←	GMF	GEOMAGNETIC	00H	←

Table-2

【 DESIGN MODE 】

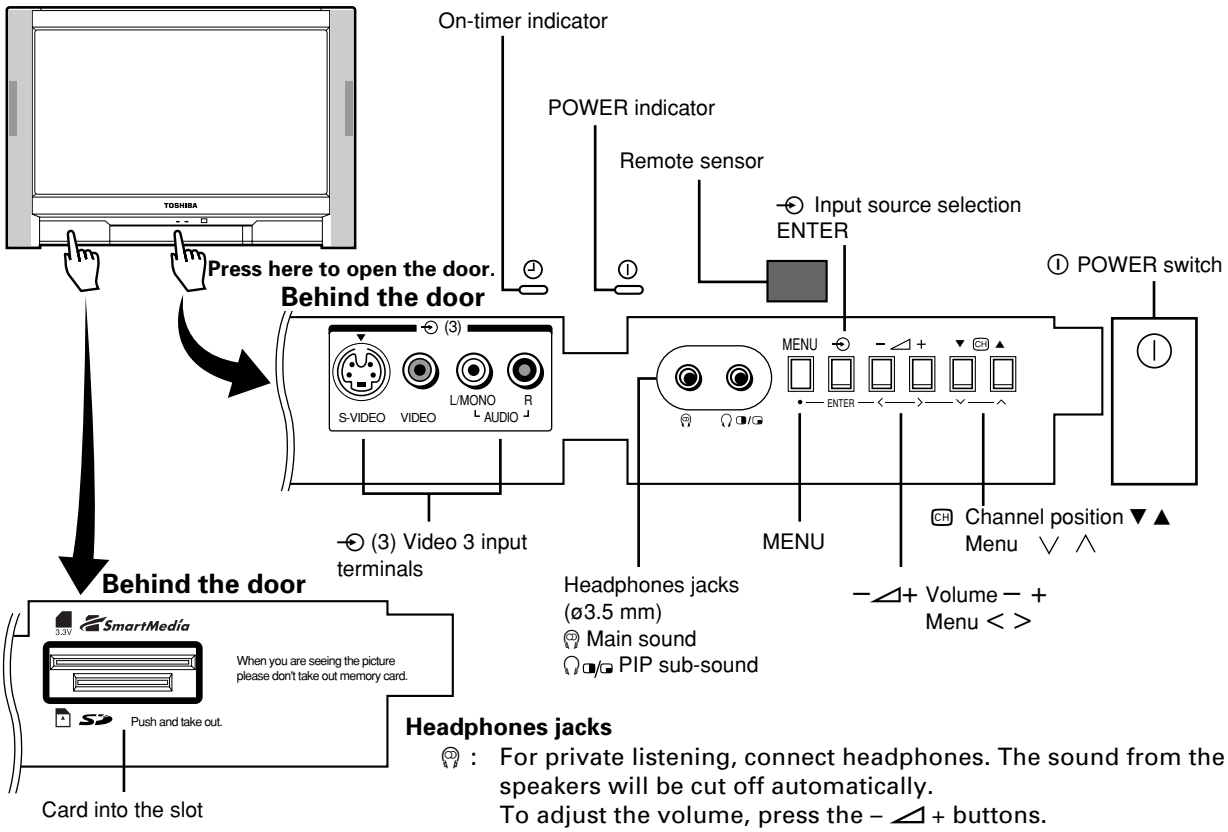
ADJUSTING ITEMS AND DATAS IN THE DESIGN MODE:

Item	Name of adjustment	Preset Data	Data	Remarks
OPT0	OPTION 0	34H	B4H	
OPT1	OPTION 1	80H	00H	
OPT2	OPTION 2	00H	←	
OPT3	OPTION 3	00H	←	
OPT4	OPTION 4	00H	←	
OPT5	OPTION 5	00H	←	

Table-3

LOCATION OF CONTROLS

Front

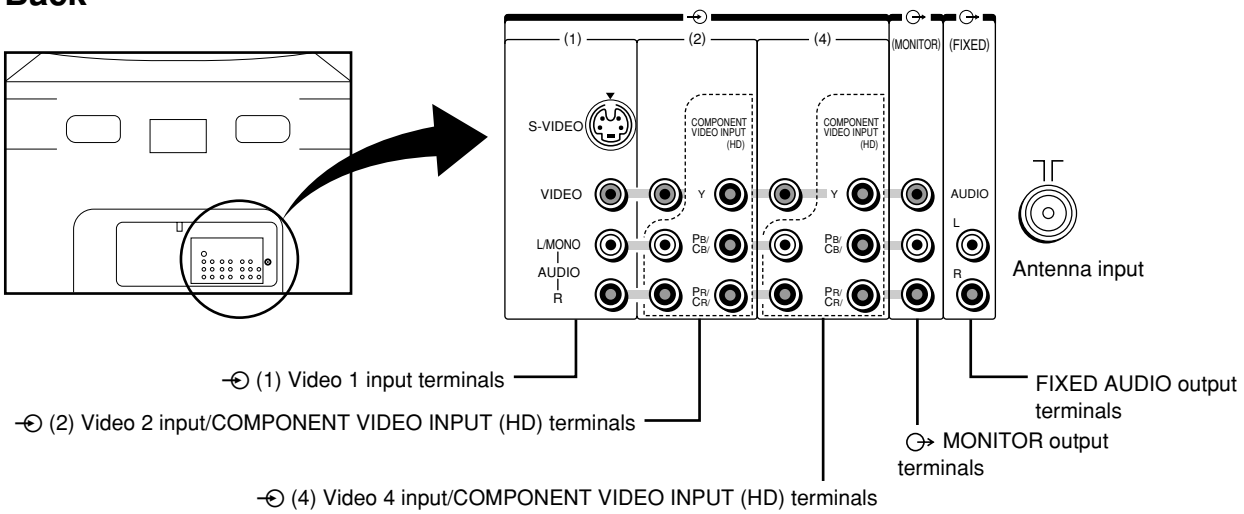


Headphones jacks

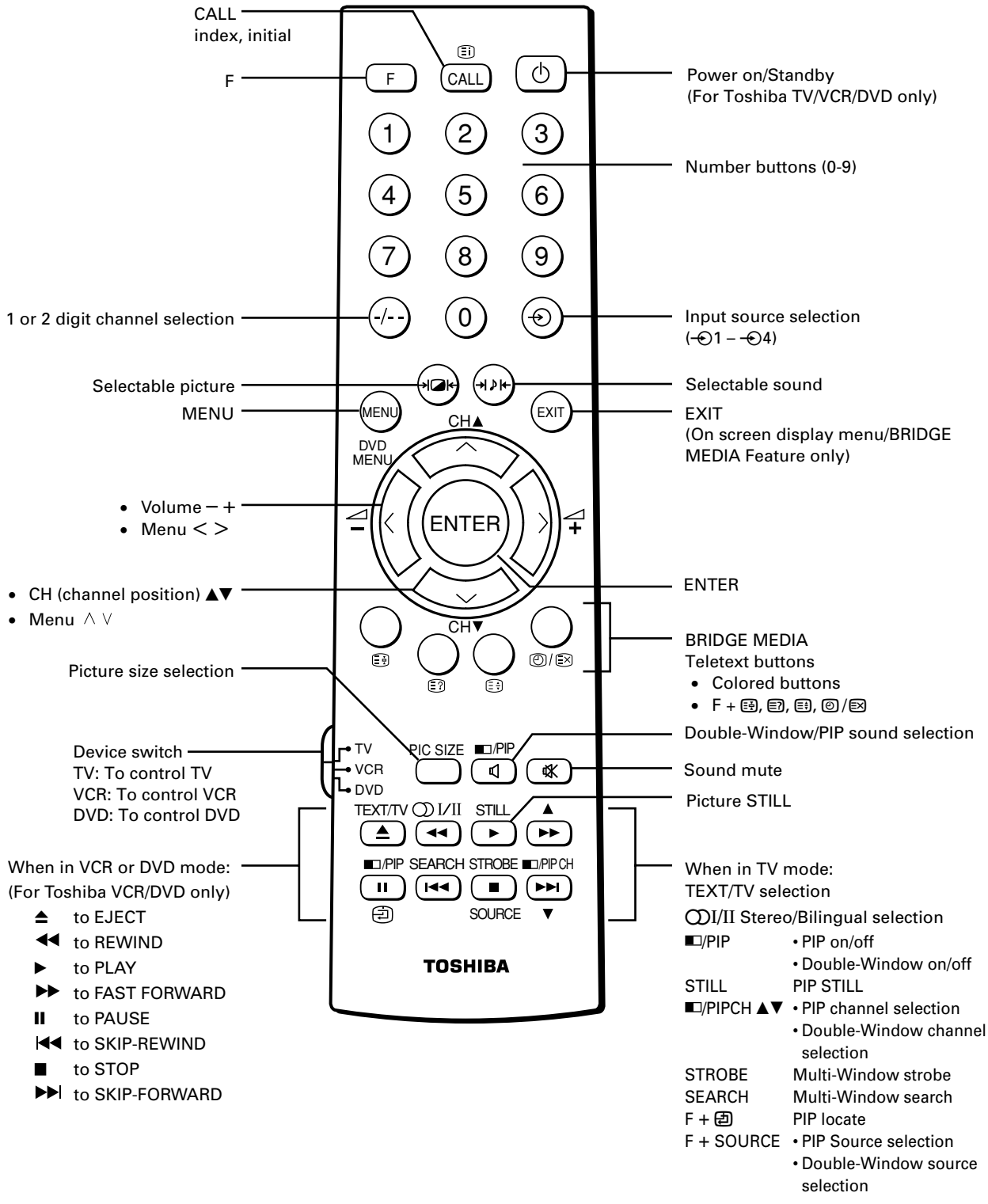
: For private listening, connect headphones. The sound from the speakers will be cut off automatically.
To adjust the volume, press the – ◿ + buttons.

: Use this jack when listening to the sound of the Sub-picture (Picture-in-Picture) and Sub-window. To adjust the volume, press the – ◿ + buttons.

Back



Remote Control



PROGRAMMING CHANNEL MEMORY

- First, use the Auto tuning feature to preset all the active channels in your area automatically. Then, arrange the preset channels with the Manual tuning feature so that you can tune into only desired channels.
- Use the Channel search operation if desired channels cannot be preset with the Auto tuning or if you would like to preset channels to specific position numbers one by one.
- DO NOT PRESS ANY OTHER BUTTONS WHILE THE SET IS TUNING.

To preset channels (Auto tuning, Manual tuning)

Auto tuning

1 Select the first program position number you want to start the Auto tuning with the **CH ▲▼** button or the **Number** buttons.

2 Press the **MENU** button, then press the < or > button to display the SET UP menu.

3 Press the ∨ or ∧ button to select Auto tuning.

4 Press and hold the **ENTER** button for a several seconds to start the automatic search. The search will begin for all available stations. Bullet will move along the line as the search progresses. DO NOT PRESS ANY BUTTONS WHILE THE AUTOMATIC SEARCH IS IN PROGRESS.
If you make a mistake, simply repeat steps 4 to start again from the beginning.

5 When the automatic search is complete, the TV will automatically return to the first program position.

6 Press the **CH ▲** or **CH ▼** button to view the programmed position.

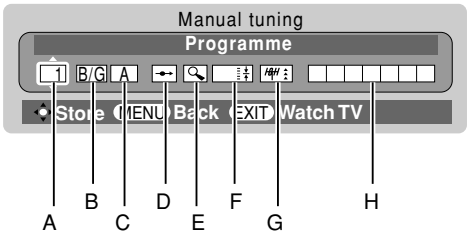
Manual tuning

1 Press the **MENU** button, then press the < or > button to display the SET UP menu. Press the ∨ or ∧ button to select Manual tuning.

2 Press the **ENTER** button to display the Manual tuning menu. Press the ∨ or ∧ button to select the program position you want to arrange.

3 Press the **ENTER** button to display the breakdown menu.

Press the < or > button to select an item, then press the ∨ or ∧ button to adjust the item as shown below.



SPECIFIC INFORMATIONS

Manual tuning (Continued)

A. Program position selection
B. Sound system
C. Color system
   A : Automatic
   P : PAL
   S : SECAM
   N4 : NTSC4.43
   N3 : NTSC3.58
   If the color of a certain channel is abnormal, the automatic color system selection (AUTO) may have malfunctioned, or sound system selection is wrong. In such a case, select another color and/or sound system.
D. Program position skip selection
   Press the ∧ or ∨ button to turn the program position skip option on "↷" or off "⊷".
   The program position will then be skipped when you select channels will the Ch▲ or CH▼ button.
   "↷" mark will appear beside a program position number when you use the number button on the remote control.
E. Channel search operation
   Press the ∧ button to search up the band or the ∨ button to search down the band.
   Press the ∧ or ∨ button repeatedly until your desired channel is displayed.
   When a station/satellite is found, it will be displayed.
F. Auto Fine Tuning
   Press the ∧ or ∨ button to turn the Auto Fine Tuning option On "⁞" or Off "0".
   The Auto Fine Tuning feature automatically corrects slight fluctuations when receiving signals.
   Manual Fine Tuning
   While the Auto Fine Tuning turn Off "0", press the ∧ or ∨ button until the best possible picture and sound are obtained.
G. ANT ATT (Antenna attenuator)
   Press the ∧ or ∨ button to turn the ANT ATT option On "⁞" or Off "⁞" when visual interference occurs, set the ANT ATT to On.
H. Station label
   Station labels appear under the program position display each time you turn on the TV, select a channel, or press the **CALL** button.

   To change or create station labels:
   1) Press the ∧ or ∨ button repeatedly to select a character for the first space, then press the > button.
   2) Repeat step 1 to enter the rest of the characters. If you would like a blank space in the label name, you must choose an empty space from the list of characters.

   Press the **ENTER** button to store your settings.

CHASSIS AND CABINET REPLACEMENT PARTS LIST

WARNING: BEFORE SERVICING THIS CHASSIS, READ THE "X-RAY RADIATION PRECAUTION", "SAFETY PRECAUTION" AND "PRODUCT SAFETY NOTICE" ON PAGE 3 OF THIS MANUAL.

CAUTION: The international hazard symbols "⚠" in the schematic diagram and the parts list designate components which have special characteristics important for safety and should be replaced only with types identical to those in the original circuit or specified in the parts list. The mounting position of replacements is to be identical with originals. Before replacing any of these components, read carefully the PRODUCT SAFETY NOTICE. Do not degrade the safety of the receiver through improper servicing.

NOTICE:
- *The part number must be used when ordering parts, in order to assist in processing, be sure to include the Model number and Description.*
- *The PC board assembly with ∗ mark is no longer available after the end of the production.*

Model : 36SW9UA

Capacitors	CD	:	Ceramic Disk	PF	:	Plastic Film	EL	: Electrolytic
Resistors	CF	:	Carbon Film	CC	:	Carbon Composition	MF	: Metal Film
	OMF	:	Oxide Metal Film	VR	:	Variable Resistor	FR	: Fusible Resistor

(All CD and PF capacitors are ±5%, 50V and all resistors, ±5%, 1/6W unless otherwise noted.)

Location No.	Parts No.	Description
CAPACITORS		
C101	24796479	ELECTROLYTIC, 35V 4.7UF M
C102	24793221	ELECTROLYTIC, 10V 220UF M
C105	24109102	CERAMIC CHIP, 50V B 1000PF K
C106	24797100	ELECTROLYTIC, 50V 10UF M
C107	24794221	ELECTROIYTIC, 16V 220UF M
C108	24793221	ELECTROLYTIC, 10V 220UF M
C109	24109103	CERAMIC CHIP, 50V B 0.01UF K
C115	24109103	CERAMIC CHIP, 50V B 0.01UF K
C121	24794101	ELECTROLYTIC, 16V 100UF M
C190	24109103	CERAMIC CHIP, 50V B 0.01UF K
C205	24797229	ELECTROLYTIC, 50V 2.2UF M
C206	24794220	ELECTROLYTIC, 16V 22UF M
C303	24214471	CERAMIC DISC, 500V B 470PF K
C307	24082275	PLASTIC FILM CQ922 M 100V 82000PF J
C308	24668221	ELECTROLYTIC, 35V 220UF M 3A
C309	24212101	CERAMIC DISC, 50V B 100PF K
C310	24667102	ELECTROLYTIC, 25V 1000UF M 3A
C311	24214152	CERAMIC DISC, 500V B 1500PF K
C313	24082057	PLASTIC FILM, 100V 0.22UF J
C320	24667221	ELECTROLYTIC, 25V 220UF M 3A
C321	24503051	PLASTIC FILM, 63V 0.68UF J
C322	24617915	ELECTROLYTIC, 50V 1UF K 3A LI
C323	24503049	PLASTIC FILM, 63V 0.47UF J
C325	24590223	PLASTIC FILM, 50V 0.022UF J
C326	24797010	ELECTROLYTIC, 50V 1UF M
C327	24794471	ELECTROLYTIC, 16V 470UF M
C331	24667102	ELECTROLYTIC, 25V 1000UF M 3A
C332	24503038	PLASTIC FILM, 63V 0.056UF J
C333	24212332	CERAMIC DISC, 50V B 3300PF K
C362	24591222	PLASTIC FILM, 50V 2200PF J
C370	24794100	ELECTROLYTIC, 16V 10UF M
C392	24085981	ELEC. NONPOLAR CE04J 16V 10UF M 11L NP
C393	24232103	CERAMIC DISC, 50V F 0.01UF Z
C396	24503065	PLASTIC FILM, 1800VH 1800PF H
C413	24214392	CERAMIC DISC, 500V B 3900PF K
C416	24676330	ELECTROLYTIC, 100V 33UF M 3A
C417	24214391	CERAMIC DISC, 500V B 390PF K
C418	24667221	ELECTROLYTIC, 25V 220UF M 3A
C419	24212102	CERAMIC DISC, 50V B 1000PF K
C420	24666101	ELECTROLYTIC, 16V 100UF M 3A

Location No.	Parts No.	Description
C421	24539104	PLASTIC FILM, 50V 0.1UF J
C428	24503191	PLASTIC FILM, 400V 0.13UF J
C432	24073057	ELECTROLYTIC, 25V 1000UF M 3A
C433	24232103	CERAMIC DISC, 50V F 0.01UF Z
C433	24503059	PLASTIC FILM, 1800VH 1000PF H
C434	24820123	PLASTIC FILM, 630V 0.012UF J
C436	24503041	PLASTIC FILM, 63V 0.1UF J
C439	24503459	PLASTIC FILM, 400V 0.068UF J
C442	24503190	PLASTIC FILM, 400V 0.12UF J
C443	24503345	PLASTIC FILM, 1800VH 3000PF H
C444	24503196	PLASTIC FILM CF92 T 1800VH 5600PF H
C445	24095804	PLASTIC FILM, 400V 0.056UF J
C446	24073120	ELECTRPLYTIC, 250V 33UF, 250YXF33M
C448	24640908	ELECTROLYTIC, 160V 33UF M 3A LI
C449	24667471	ELECTROLYTIC, 25V 470UF M 3A
C450	24092341	CERAMIC DISC, 2KV R 470PF K
C451	24092341	CERAMIC DISC, 2KV R 470PF K
C452	24503193	PLASTIC FILM, 1500VH 1000PF H
C453	24503068	PLASTIC FILM CF92 T 1800VH 2400PF H
C461	24820123	PLASTIC FILM, 630V 0.012UF J
C462	24214471	CERAMIC DISC, 500V B 470PF K
C464	24503149	PLASTIC FILM, 250V 3.3UF
C465	24590183	PLASTIC FILM, 50V 0.018UF J
C466	24679220	ELECTROLYTIC, 250V 22UF M 3A
C467	24820123	PLASTIC FILM, 630V 0.012UF J
C468	24503040	PLASTIC FILM, 63V 0.082UF J
C469	24591821	PLASTIC FILM, 50V 820PF J
C470	24794101	ELECTROLYTIC, 16V 100UF M
C471	24766479	ELECTROLYTIC, 50V 4.7UF M
C472	24539474	PLASTIC FILM, 50V 0.47UF J
C473	24073081	ELECTROLYTIC, 50V 1.OUF M 3A
C477	24794220	ELECTROLYTIC, 16V 22UF M
C482	24109122	CERAMIC CHIP, 50V B 1200PF K
C486	24539104	PLASTIC FILM, 50V 0.1UF J
C513	24109103	CERAMIC CHIP, 50V B 0.01UF K
C520	24503047	PLASTIC FILM, 63V 0.33UF J
C530	24206010	ELECTROLYTIC, 50V 1.0UF M 7L 3A
C531	24100104	CERAMIC CHIP, 25V F 0.1UF Z
C532	24100104	CERAMIC CHIP, 25V F 0.1UF Z
C533	24100104	CERAMIC CHIP, 25V F 0.1UF Z
C534	24100104	CERAMIC CHIP, 25V F 0.1UF Z
C536	24100104	CERAMIC CHIP, 25V F 0.1UF Z

Location No.	Parts No.	Description
C537	24100104	CERAMIC CHIP, 25V F 0.1UF Z
C543	24100104	CERAMIC CHIP, 25V F 0.1UF Z
C544	24100104	CERAMIC CHIP, 25V F 0.1UF Z
C545	24100104	CERAMIC CHIP, 25V F 0.1UF Z
C547	24109103	CERAMIC CHIP, 50V B 0.01UF K
C548	24763101	ELECTROLYTIC, 16V 100UF M
C551	24100104	CERAMIC CHIP, 25V F 0.1UF Z
C552	24100104	CERAMIC CHIP, 25V F 0.1UF Z
C553	24100104	CERAMIC CHIP, 25V F 0.1UF Z
C555	24105471	CERAMIC CHIP, 50V CH 470PF J
C558	24109103	CERAMIC CHIP, 50V B 0.01UF K
C563	24797478	ELECTROLYTIC, 50V 0.47UF M
C564	24797229	ELECTROLYTIC, 50V 2.2UF M
C565	24797478	ELECTROLYTIC, 50V 0.47UF M
C575	24092730	CERAMIC CHIP, 16V B 0.1UF K
C582	24761332	ELECTROLYTIC CE04G 6.3V 3300UF M
C601	24591102	PLASTIC FILM, 50V 1000PF J
C602	24591102	PLASTIC FILM, 50V 1000PF J
C603	24073084	ELECTROLYTIC, 50V 4.7UF M 3A
C604	24073084	ELECTROLYTIC, 50V 4.7UF M 3A
C605	24073052	ELECTROLYTIC, 25V 47UF M 3A
C606	24073052	ELECTROLYTIC, 25V 47UF M 3A
C607	24503042	PLASTIC FILM, 63V 0.12UF J
C608	24503042	PLASTIC FILM, 63V 0.12UF J
C609	24073094	ELECTROLYTIC, 50V 1000UF M 3A
C610	24073094	ELECTROLYTIC, 50V 1000UF M 3A
C611	24073053	ELECTROLYTIC, 25V 100UF M 3A
C612	24073084	ELECTROLYTIC, 50V 4.7UF M 3A
C613	24794471	ELECTROLYTIC, 16V 470UF M
C614	24797010	ELECTROLYTIC, 50V 1UF M
C615	24073094	ELECTROLYTIC, 50V 1000UF M 3A
C616	24503042	PLASTIC FILM, 63V 0.12UF J
C620	24073084	ELECTROLYTIC, 50V 4.7UF M 3A
C621	24539104	PLASTIC FILM, 50V 0.1UF J
C623	24797100	ELECTROLYTIC, 50V 10UF M
C626	24073094	ELECTROLYTIC, 50V 1000UF M 3A
C627	24797010	ELECTROLYTIC, 50V 1UF M
C628	24794470	ELECTROLYTIC, 16V 47UF M
C630	24073052	ELECTROLYTIC, 25V 47UF M 3A
C631	24073086	ELECTROLYTIC, 50V 10UF M 3A
C632	24073053	ELECTROLYTIC, 25V 100UF M 3A
C655	24797101	ELECTROLYTIC, 50V 100UF M
C656	24591563	PLASTIC FILM, 50V 0.056UF J
C657	24797100	ELECTROLYTIC, 50V 10UF M
C658	24797470	ELECTROLYTIC, 50V 47UF M
C680	24073094	ELECTROLYTIC, 50V 1000UF M 3A
C681	24797010	ELECTROLYTIC, 50V 1UF M
C704	24591822	PLASTIC FILM, 50V 8200PF J
C705	24232103	CERAMIC DISC, 50V F 0.01UF Z
C707	24794470	ELECTROLYTIC, 16V 47UF M
C712	24666470	ELECTORLYTIC, 16V 47UF M 3A
C713	24709100	ELECTROLYTIC, 200V 10UF M
C714	24436101	CERAMIC DISC, 50V SL 100PF J
C715	24214472	CERAMIC DISC, 500V B 4700PF K
C716	24436101	CERAMIC DISC, 50V SL 100PF J
C717	24214472	CERAMIC DISC, 500V B 4700PF K
C718	24766470	ELECTROLYTIC, 50V 47UF M
C719	24435560	CERAMIC DISC, 500V SL 56PF J
C720	24709100	ELECTROLYTIC, 200V 10UF M
C721	24797470	ELECTROLYTIC, 50V 47UF M
C726	24212102	CERAMIC DISC, 50V B 1000PF K
⚠ C801	24503507	PLASTIC FILM, AC275V 0.22UF K
⚠ C802	24503507	PLASTIC FILM, AC275V 0.22UF K
C805	24092281	CERAMIC DISC, AC250V E 4700PF
C806	24092281	CERAMIC DISC, AC250V E 4700PF
C807	24539474	PLASTIC FILM, 50V 0.47UF J
C808	24668101	ELECTROLYTIC, 35V 100UF M 3A

Location No.	Parts No.	Description
C809	24539104	PLASTIC FILM, 50V 0.1UF J
C810	24073106	400V680UF LLQ2G681MHSET
C811	24092567	CERAMIC DISC, AC250V E 1000PF M
⚠ C813	24092563	CERAMIC DISC, AC250V B 220PF K
⚠ C814	24092563	CERAMIC DISC, AC250V B 220PF K
⚠ C815	24092567	CERAMIC DISC, AC250V E 1000PF M
C816	24794470	ELECTROLYTIC, 16V 47UF M
C817	24092339	CERAMIC DISC, 2KV 330PF K
C818	24095931	PLASTIC FILM, 1250VH 2200PF J
C819	24676220	ELECTROLYTIC, 100V 22UF M 3A
C821	24214471	CERAMIC DISC, 500V B 470PF K
C823	24214471	CERAMIC DISC, 500V B 470PF K
C825	24539104	PLASTIC FILM, 50V 0.1UF J
C829	24212271	CERAMIC DISC, 50V B 270PF K
C831	24665470	ELECTROLYTIC, 10V 47UF M 3A
C832	24665470	ELECTROLYTIC, 10V 47UF M 3A
C833	24669229	ELECTROLYTIC, 50V 2.2UF M 3A
C834	24669100	ELECTROLYTIC, 50V 10UF M 3A
C835	24666470	ELECTORLYTIC, 16V 47UF M 3A
C838	24617040	ELECTROLYTIC, 25V 1000UF M 3D
C839	24665222	ELECTROLYTIC CE04Q 10V 2200UF M 3A
C840	24668221	ELECTROLYTIC, 35V 220UF M 3A
C842	24539104	PLASTIC FILM, 50V 0.1UF J
C844	24539104	PLASTIC FILM, 50V 0.1UF J
C847	24214331	CERAMIC DISC, 500V B 330PF K
C848	24668102	ELECTROLYTIC, 35V 1000UF M 3A
C851	24617023	ELECTROLYTIC, 16V 330UF M
C852	24665102	ELECTROLYTIC, 10V 1000UF M 3A
C853	24591563	PLASTIC FILM, 50V 0.056UF J
C855	24214222	CERAMIC DISC, 500V B 2200PF K
C856	24212102	CERAMIC DISC, 50V B 1000PF K
C858	24666470	ELECTORLYTIC, 16V 47UF M 3A
C859	24591103	PLASTIC FILM, 50V 0.01UF J
C861	24591104	PLASTIC FILM, 50V 0.1UF J
C863	24669222	ELECTROLYTIC, 50V 2200UF M 3A
C865	24669222	ELECTROLYTIC, 50V 2200UF M 3A
C866	24214331	CERAMIC DISC, 500V B 330PF K
C867	24214331	CERAMIC DISC, 500V B 330PF K
C868	24092281	CERAMIC DISC, AC250V E 4700PF
C869	24086937	ELECTROLYTIC, 450V 120UF M 22D
C870	24092281	CERAMIC DISC, AC250V E 4700PF
C871	24668470	ELECTROLYTIC, 35V 47UF M 3A
C872	24095939	PLASTIC FILM, 1250VH 1000PF J
C873	24212122	CERAMIC DISC, 50V B 1200PF K
⚠ C874	24503506	PLASTIC FILM, AC275V 0.1UF K
⚠ C875	24092563	CERAMIC DISC, AC250V B 220PF K
⚠ C876	24092563	CERAMIC DISC, AC250V B 220PF K
C877	24212221	CERAMIC DISC, 50V B 220PF K
C878	24092339	CERAMIC DISC, 2KV 330PF K
C880	24212101	CERAMIC DISC, 50V B 100PF K
C884	24086916	ELECTROLYTIC, 160V 330UF M 3D
C887	24214471	CERAMIC DISC, 500V B 470PF K
C891	24667472	ELECTROLYTIC, 25V 4700UF M 3A
C892	24214471	CERAMIC DISC, 500V B 470PF K
C893	24092337	CERAMIC DISC, 2KV 220PF K
C894	24668471	ELECTROLYTIC, 35V 470UF M 3A
C895	24668102	ELECTROLYTIC, 35V 1000UF M 3A
C896	24214471	CERAMIC DISC, 500V B 470PF K
C897	24667222	ELECTROLYTIC, 25V 2200UF M 3A
C898	24667222	ELECTROLYTIC, 25V 2200UF M 3A
C899	24214471	CERAMIC DISC, 500V B 470PF K
C902	24092349	CERAMIC DISC, 2KV R 2200PF K
C903	24436221	CERAMIC DISC, 50V SL 220PF J
C905	24436221	CERAMIC DISC, 50V SL 220PF J
C907	24436221	CERAMIC DISC, 50V SL 220PF J
C909	24679330	ELECTROLYTIC, 250V 33UF M 3A
C911	24203100	ELECTORLYTIC, 16V 10UF M 7L 3A

Location No.	Parts No.	Description
C913	24763102	ELECTROLYTIC, 16V 1000UF M
C914	24092398	CERAMIC DISC, 25V 0.1UF Z, 24092398A NI TOOITSU
C918	24092398	CERAMIC DISC, 25V 0.1UF Z, 24092398A NI TOOITSU
C919	24092398	CERAMIC DISC, 25V 0.1UF Z, 24092398A NI TOOITSU
C920	24436391	CERAMIC DISC, 50V SL 390PF J
C921	24436391	CERAMIC DISC, 50V SL 390PF J
C922	24436221	CERAMIC DISC, 50V SL 220PF J
C931	24214101	CERAMIC DISC, 500V B 100PF K
C963	24436561	CERAMIC DISC, 50V SL 560PF J
C964	24436331	CERAMIC DISC, 50V SL 330PF J
C965	24436331	CERAMIC DISC, 50V SL 330PF J
C970	24214103	CERAMIC DISC, 500V B 0.01UF K
C2102	24105180	CERAMIC CHIP, 50V CH 18PF J
C2103	24105180	CERAMIC CHIP, 50V CH 18PF J
C2104	24105180	CERAMIC CHIP, 50V CH 18PF J
C2105	24100104	CERAMIC CHIP, 25V F 0.1UF Z
C2110	24100104	CERAMIC CHIP, 25V F 0.1UF Z
C3100	24667102	ELECTROLYTIC, 25V 1000UF M 3A
C4000	24590102	PLASTIC FILM, 50V 1000PF J
C4202	24794101	ELECTROLYTIC, 16V 100UF M
C4401	24763221	ELECTROLYTIC, 16V 220UF M
C4402	24109103	CERAMIC CHIP, 50V B 0.01UF K
C4403	24797010	ELECTROLYTIC, 50V 1UF M
C4404	24109103	CERAMIC CHIP, 50V B 0.01UF K
C4405	24100104	CERAMIC CHIP, 25V F 0.1UF Z
C4406	24109103	CERAMIC CHIP, 50V B 0.01UF K
C4410	24109122	CERAMIC CHIP, 50V B 1200PF K
C4411	24100104	CERAMIC CHIP, 25V F 0.1UF Z
C4412	24100104	CERAMIC CHIP, 25V F 0.1UF Z
C4413	24794331	ELECTROLYTIC, 16V 330UF M
C4414	24109103	CERAMIC CHIP, 50V B 0.01UF K
C4415	24109103	CERAMIC CHIP, 50V B 0.01UF K
C4416	24797010	ELECTROLYTIC, 50V 1UF M
C4422	24085988	ELECTROLYTIC, NONPOLAR, 50V 1.0UF M 7L
C4427	24092538	CERAMIC CHIP, 10V F 1UF Z
C4460	24092734	CERAMIC CHIP, 16V F 0.22UF Z
C4461	24092734	CERAMIC CHIP, 16V F 0.22UF Z
C4466	24436100	CERAMIC DISC, 50V SL 10PF C
C4690	24591103	PLASTIC FILM, 50V 0.01UF J
C4691	24590822	PLASTIC FILM, 50V 8200PF J
C5020	24109103	CERAMIC CHIP, 50V B 0.01UF K
C5030	24763101	ELECTROLYTIC, 16V 100UF M
C5080	24206010	ELECTROLYTIC, 50V 1.0UF M 7L 3A
C5090	24763101	ELECTROLYTIC, 16V 100UF M
CA68	24794100	ELECTROLYTIC, 16V 10UF M
CA69	24100103	CERAMIC CHIP, 50V F 0.01UF Z
CA95	24100103	CERAMIC CHIP, 50V F 0.01UF Z
CA98	24794220	ELECTROLYTIC, 16V 22UF M
CB01	24744470	ELECTROLYTIC, 16V 47UF M
CB34	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CB35	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CB36	24794101	ELECTROLYTIC, 16V 100UF M
CB37	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CB38	24794101	ELECTROLYTIC, 16V 100UF M
CB39	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CB40	24092538	CERAMIC CHIP, 10V F 1UF Z
CB41	24109222	CERAMIC CHIP, 50V B 2200PF K
CB42	24105561	CERAMIC CHIP, 50V CH 560PF J
CB43	24109332	CERAMIC CHIP, 50V B 3300PF K
CB44	24206100	ELECTROLYTIC, 50V 10UF M 7L 3A
CB45	24109222	CERAMIC CHIP, 50V B 2200PF K
CB46	24105561	CERAMIC CHIP, 50V CH 560PF J
CB47	24109332	CERAMIC CHIP, 50V B 3300PF K

Location No.	Parts No.	Description
CB90	24100103	CERAMIC CHIP, 50V F 0.01UF Z
CC01	24109102	CERAMIC CHIP, 50V B 1000PF K
CC02	24109102	CERAMIC CHIP, 50V B 1000PF K
CC03	24109102	CERAMIC CHIP, 50V B 1000PF K
CC04	24109102	CERAMIC CHIP, 50V B 1000PF K
CC05	24109102	CERAMIC CHIP, 50V B 1000PF K
CC06	24109102	CERAMIC CHIP, 50V B 1000PF K
CC07	24109102	CERAMIC CHIP, 50V B 1000PF K
CC08	24109102	CERAMIC CHIP, 50V B 1000PF K
CC09	24109102	CERAMIC CHIP, 50V B 1000PF K
CC10	24109102	CERAMIC CHIP, 50V B 1000PF K
CC11	24212102	CERAMIC DISC, 50V B 1000PF K
CC12	24212102	CERAMIC DISC, 50V B 1000PF K
CC13	24105330	CERAMIC CHIP, 50V CH 33PF J
CC13	24232103	CERAMIC DISC, 50V F 0.01UF Z
CC14	24232103	CERAMIC DISC, 50V F 0.01UF Z
CC15	24105330	CERAMIC CHIP, 50V CH 33PF J
CC15	24232103	CERAMIC DISC, 50V F 0.01UF Z
CC16	24590103	PLASTIC FILM, 50V 0.01UF J
CC28	24109103	CERAMIC CHIP, 50V B 0.01UF K
CC30	24214102	CERAMIC DISC, 500V B 1000PF K
CF01	24203101	ELECTROLYTIC, 16V 100UF M 7L 3A
CF02	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CF03	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CF04	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CF05	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CF06	24201101	ELECTROLYTIC, 6.3V 100UF M 7L 3A
CF08	24092538	CERAMIC CHIP, 10V F 1UF Z
CF09	24109102	CERAMIC CHIP, 50V B 1000PF K
CF10	24092538	CERAMIC CHIP, 10V F 1UF Z
CF11	24109102	CERAMIC CHIP, 50V B 1000PF K
CF12	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CF13	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CF14	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CF15	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CF16	24201101	ELECTROLYTIC, 6.3V 100UF M 7L 3A
CF17	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CF18	24092538	CERAMIC CHIP, 10V F 1UF Z
CF19	24109102	CERAMIC CHIP, 50V B 1000PF K
CF20	24105220	CERAMIC CHIP, 50V CH 22PF J
CF21	24105220	CERAMIC CHIP, 50V CH 22PF J
CF22	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CF23	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CF24	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CF25	24092538	CERAMIC CHIP, 10V F 1UF Z
CF26	24109102	CERAMIC CHIP, 50V B 1000PF K
CF27	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CF28	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CF29	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CF30	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CF31	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CF32	24203100	ELECTORLYTIC, 16V 10UF M 7L 3A
CF33	24105330	CERAMIC CHIP, 50V CH 33PF J
CF34	24092538	CERAMIC CHIP, 10V F 1UF Z
CF37	24105680	CERAMIC CHIP, 50V CH 68PF J
CF38	24203100	ELECTORLYTIC, 16V 10UF M 7L 3A
CF39	24109103	CERAMIC CHIP, 50V B 0.01UF K
CF40	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CF41	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CF42	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CF43	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CF44	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CF45	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CF46	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CF48	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CF49	24000445	CHIP JUMPER, 1608TYPE
CF50	24203100	ELECTORLYTIC, 16V 10UF M 7L 3A

Location No.	Parts No.	Description
CF51	24109102	CERAMIC CHIP, 50V B 1000PF K
CF52	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CF55	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CJ01	24539104	PLASTIC FILM, 50V 0.1UF J
CJ02	24666470	ELECTORLYTIC, 16V 47UF M 3A
CJ03	24539104	PLASTIC FILM, 50V 0.1UF J
CJ04	24666470	ELECTORLYTIC, 16V 47UF M 3A
CJ05	24794101	ELECTROLYTIC, 16V 100UF M
CR12	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CR13	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CR14	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CR15	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CR16	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CR17	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CS01	24797229	ELECTROLYTIC, 50V 2.2UF M
CS02	24797229	ELECTROLYTIC, 50V 2.2UF M
CS03	24797229	ELECTROLYTIC, 50V 2.2UF M
CS04	24797229	ELECTROLYTIC, 50V 2.2UF M
CS05	24797229	ELECTROLYTIC, 50V 2.2UF M
CS06	24797229	ELECTROLYTIC, 50V 2.2UF M
CS07	24797229	ELECTROLYTIC, 50V 2.2UF M
CS08	24797229	ELECTROLYTIC, 50V 2.2UF M
CS09	24797229	ELECTROLYTIC, 50V 2.2UF M
CS10	24797229	ELECTROLYTIC, 50V 2.2UF M
CS13	24794100	ELECTROLYTIC, 16V 10UF M
CS14	24794100	ELECTROLYTIC, 16V 10UF M
CS18	24794100	ELECTROLYTIC, 16V 10UF M
CS19	24794100	ELECTROLYTIC, 16V 10UF M
CS20	24797478	ELECTROLYTIC, 50V 0.47UF M
CS24	24797229	ELECTROLYTIC, 50V 2.2UF M
CV02	24092731	CERAMIC CHIP, 16V B 1UF K
CV03	24092731	CERAMIC CHIP, 16V B 1UF K
CV04	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CV06	24092731	CERAMIC CHIP, 16V B 1UF K
CV07	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CV08	24794101	ELECTROLYTIC, 16V 100UF M
CV09	24092731	CERAMIC CHIP, 16V B 1UF K
CV10	24794100	ELECTROLYTIC, 16V 10UF M
CV11	24092731	CERAMIC CHIP, 16V B 1UF K
CV12	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CV14	24092538	CERAMIC CHIP, 10V F 1UF Z
CV15	24092538	CERAMIC CHIP, 10V F 1UF Z
CV16	24109103	CERAMIC CHIP, 50V B 0.01UF K
CV17	24109103	CERAMIC CHIP, 50V B 0.01UF K
CV23	24794101	ELECTROLYTIC, 16V 100UF M
CV24	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CV25	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CV26	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CV27	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CV28	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CV29	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CV30	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CV31	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CV32	24794101	ELECTROLYTIC, 16V 100UF M
CV33	24794101	ELECTROLYTIC, 16V 100UF M
CV35	24073054	ELECTROLYTIC CE04P 25V 220UF M 3A
CV38	24212102	CERAMIC DISC, 50V B 1000PF K
CV44	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CV45	24092731	CERAMIC CHIP, 16V B 1UF K
CV46	24092731	CERAMIC CHIP, 16V B 1UF K
CV48	24109103	CERAMIC CHIP, 50V B 0.01UF K
CV48	24212102	CERAMIC DISC, 50V B 1000PF K
CV49	24092731	CERAMIC CHIP, 16V B 1UF K
CV50	24092731	CERAMIC CHIP, 16V B 1UF K
CV50	24232103	CERAMIC DISC, 50V F 0.01UF Z
CV51	24092731	CERAMIC CHIP, 16V B 1UF K
CV52	24092731	CERAMIC CHIP, 16V B 1UF K

Location No.	Parts No.	Description
CV53	24092731	CERAMIC CHIP, 16V B 1UF K
CV54	24092731	CERAMIC CHIP, 16V B 1UF K
CV55	24092731	CERAMIC CHIP, 16V B 1UF K
CV56	24092731	CERAMIC CHIP, 16V B 1UF K
CV57	24092731	CERAMIC CHIP, 16V B 1UF K
CV58	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CV64	24794471	ELECTROLYTIC, 16V 470UF M
CV65	24794101	ELECTROLYTIC, 16V 100UF M
CV66	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CX01	24762471	ELECTROLYTIC, 10V 470UF M
CY01	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CY02	24794101	ELECTROLYTIC, 16V 100UF M
CY03	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CY04	24109103	CERAMIC CHIP, 50V B 0.01UF K
CY05	24092730	CERAMIC CHIP, 16V B 0.1UF K
CY06	24100104	CERAMIC CHIP, 25V F 0.1UF Z
CY07	24109103	CERAMIC CHIP, 50V B 0.01UF K
CY11	24105101	CERAMIC CHIP, 50V CH 100PF J
CY17	24206478	ELECTROLYTIC, 50V 0.47UF M 7L 3A
CY25	24092730	CERAMIC CHIP, 16V B 0.1UF K
CY26	24109103	CERAMIC CHIP, 50V B 0.01UF K
CY42	24092730	CERAMIC CHIP, 16V B 0.1UF K
CY43	24794101	ELECTROLYTIC, 16V 100UF M
CY44	24109103	CERAMIC CHIP, 50V B 0.01UF K
CY45	24794101	ELECTROLYTIC, 16V 100UF M
CY46	24109103	CERAMIC CHIP, 50V B 0.01UF K
CY50	24797479	ELECTROLYTIC, 50V 4.7UF M
CY54	24794101	ELECTROLYTIC, 16V 100UF M
CY55	24109103	CERAMIC CHIP, 50V B 0.01UF K
CY57	24092730	CERAMIC CHIP, 16V B 0.1UF K
CY58	24092730	CERAMIC CHIP, 16V B 0.1UF K
CY60	24105100	CERAMIC CHIP, 50V CH 10PF D
CY61	24092730	CERAMIC CHIP, 16V B 0.1UF K
CY62	24092730	CERAMIC CHIP, 16V B 0.1UF K
CY65	24092733	CERAMIC CHIP, 50V B 0.022UF K
CY66	24797229	ELECTROLYTIC, 50V 2.2UF M
CY103	24109103	CERAMIC CHIP, 50V B 0.01UF K
CY104	24793101	ELECTROLYTIC, 10V 100UF M
CY109	24109103	CERAMIC CHIP, 50V B 0.01UF K
CY110	24109103	CERAMIC CHIP, 50V B 0.01UF K
CY111	24796479	ELECTROLYTIC, 35V 4.7UF M
CY112	24794101	ELECTROLYTIC, 16V 100UF M
CY117	24109102	CERAMIC CHIP, 50V B 1000PF K
CY604	24794102	ELECTROLYTIC, 16V 1000UF M
CY605	24797479	ELECTROLYTIC, 50V 4.7UF M
CY606	24797479	ELECTROLYTIC, 50V 4.7UF M
CY608	24794101	ELECTROLYTIC, 16V 100UF M
CY609	24590822	PLASTIC FILM, 50V 8200PF J
CY610	24590273	PLASTIC FILM, 50V 0.027UF J
CY614	24590822	PLASTIC FILM, 50V 8200PF J
CY615	24590273	PLASTIC FILM, 50V 0.027UF J
CY616	24590333	PLASTIC FILM, 50V 0.033UF J
CY617	24797100	ELECTROLYTIC, 50V 10UF M
CY618	24797479	ELECTROLYTIC, 50V 4.7UF M
CY619	24797100	ELECTROLYTIC, 50V 10UF M
CY620	24797478	ELECTROLYTIC, 50V 0.47UF M
CY621	24085981	ELEC. NONPOLAR CE04J 16V 10UF M 11L NP

RESISTORS

R101	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
R101	24382153	OXIDE METAL FILM, 1W 15K OHM J
R102	24011183	CHIP, METAL FILM, 1/20W 18K OHM J
R103	24011273	CHIP, METAL FILM, 1/20W 27K OHM J
R217	24366103	CARBON FILM, 1/6W 10K OHM J
R218	24366183	CARBON FILM, 1/6W 18K OHM J
R219	24366273	CARBON FILM, 1/6W 27K OHM J

Location No.	Parts No.	Description
R227	24366333	CARBON FILM, 1/6W 33K OHM J
R228	24366103	CARBON FILM, 1/6W 10K OHM J
R231	24366103	CARBON FILM, 1/6W 10K OHM J
R232	24366103	CARBON FILM, 1/6W 10K OHM J
R245	24011104	CHIP, METAL FILM, 1/20W 100K OHM J
R261	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
R262	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
R263	24011221	CHIP, METAL FILM, 1/20W 220 OHM J
R299	24366103	CARBON FILM, 1/6W 10K OHM J
R303	24321109	OXIDE METAL FILM, 1/2W 1 OHM J
R305	24322109	OXIDE METAL FILM, 1W 1 OHM J
R309	24383271	OXIDE METAL FILM, 2W 270 OHM J
R315	24366274	CARBON FILM, 1/6W 270K OHM J
R316	24366823	CARBON FILM, 1/6W 82K OHM J
R318	24366101	CARBON FILM, 1/6W 100 OHM J
R319	24366101	CARBON FILM, 1/6W 100 OHM J
R320	24366101	CARBON FILM, 1/6W 100 OHM J
R321	24366224	CARBON FILM, 1/6W 220K OHM J
R322	24366274	CARBON FILM, 1/6W 270K OHM J
R324	24366394	CARBON FILM, 1/6W 390K OHM J
R326	24366102	CARBON FILM, 1/6W 1K OHM J
R327	24338159	OXIDE METAL FILM, 1W 1.5 OHM J
R328	24338159	OXIDE METAL FILM, 1W 1.5 OHM J
R329	24366123	CARBON FILM, 1/6W 12K OHM J
R330	24552103	OXIDE METAL FILM, 1/2W 10K OHM J
R331	24366823	CARBON FILM, 1/6W 82K OHM J
R332	24366102	CARBON FILM, 1/6W 1K OHM J
R334	24552103	OXIDE METAL FILM, 1/2W 10K OHM J
R343	24366103	CARBON FILM, 1/6W 10K OHM J
R365	24366331	CARBON FILM, 1/6W 330 OHM J
R366	24366911	CARBON FILM, 1/6W 910 OHM J
R367	24366242	CARBON FILM, 1/6W 2.4K OHM J
R370	24366103	CARBON FILM, 1/6W 10K OHM J
R371	24366103	CARBON FILM, 1/6W 10K OHM J
R372	24366103	CARBON FILM, 1/6W 10K OHM J
R373	24366102	CARBON FILM, 1/6W 1K OHM J
R376	24366101	CARBON FILM, 1/6W 100 OHM J
R377	24366220	CARBON FILM, 1/6W 22 OHM J
R379	24382103	OXIDE METAL FILM, 1W 10K OHM J
R380	24946226	CARBON CONPOSITI0N, 1/2W 22M OHM K
R381	24366822	CARBON FILM, 1/6W 8.2K OHM J
R385	24366104	CARBON FILM, 1/6W 100K OHM J
R386	24366223	CARBON FILM, 1/6W 22K OHM J
R387	24366222	CARBON FILM, 1/6W 2.2K OHM J
R388	24366392	CARBON FILM, 1/6W 3.9K OHM J
R405	24553682	OXIDE METAL FILM, 1W 6.8K OHM J
R411	24366101	CARBON FILM, 1/6W 100 OHM J
R412	24323228	OXIDE METAL FILM, 2W 0.22 OHM J
R415	24383271	OXIDE METAL FILM, 2W 270 OHM J
R416	24381563	OXIDE METAL FILM, 1/2W 56K OHM J
R416	24383680	OXIDE METAL FILM, 2W 68 OHM J
R418	24366182	CARBON FILM, 1/6W 1.8K OHM J
R424	24366271	CARBON FILM, 1/6W 270 OHM J
R425	24552331	OXIDE METAL FILM, 1/2W 330 OHM J
R426	24366182	CARBON FILM, 1/6W 1.8K OHM J
R426	24552561	OXIDE METAL FILM, 1/2W 560 OHM J
R427	24003924	METAL FILM, 1/4W 3.3K OHM J
R428	24366561	CARBON FILM, 1/6W 560 OHM J
R429	24553100	OXIDE METAL FILM, 1W 10 OHM J
R431	24366103	CARBON FILM, 1/6W 10K OHM J
R432	24366473	CARBON FILM, 1/6W 47K OHM J
R433	24366101	CARBON FILM, 1/6W 100 OHM J
R433	24366681	CARBON FILM, 1/6W 680 OHM J
R434	24366472	CARBON FILM, 1/6W 4.7K OHM J
R435	24366184	CARBON FILM, 1/6W 18OK OHM J
R438	24366101	CARBON FILM, 1/6W 100 OHM J
R441	24383561	OXIDE METAL FILM, 2W 560 OHM J

Location No.	Parts No.	Description
R442	24011333	CHIP, METAL FILM, 1/20W 33K OHM J
R443	24011563	CHIP, METAL FILM, 1/20W 56K OHM J
R444	24011563	CHIP, METAL FILM, 1/20W 56K OHM J
R445	24011563	CHIP, METAL FILM, 1/20W 56K OHM J
R447	24382473	OXIDE METAL FILM, 1W 47K OHM J
R448	24321338	OXIDE METAL FILM, 1/2W 0.33 OHM J
R460	24366103	CARBON FILM, 1/6W 10K OHM J
R461	24366102	CARBON FILM, 1/6W 1K OHM J
R462	24366562	CARBON FILM, 1/6W 5.6K OHM J
R463	24366473	CARBON FILM, 1/6W 47K OHM J
R464	24366101	CARBON FILM, 1/6W 100 OHM J
R466	24383220	OXIDE METAL FILM, 2W 22 OHM J
R467	24383220	OXIDE METAL FILM, 2W 22 OHM J
R469	24366823	CARBON FILM, 1/6W 82K OHM J
R470	24339518	OXIDE METAL FILM, 2W 0.51 OHM J
R471	24531271	FUSIBLE, 1/2W 270 OHM J
R472	24366101	CARBON FILM, 1/6W 100 OHM J
R472	24381270	OXIDE METAL FILM, 1/2W 27 OHM J
R473	24366183	CARBON FILM, 1/6W 18K OHM J
R474	24376393	CARBON FILM, 1/2W 39K OHM J
R475	24366912	CARBON FILM, 1/6W 9.1K OHM J
R476	24366471	CARBON FILM, 1/6W 470 OHM J
R477	24366102	CARBON FILM, 1/6W 1K OHM J
R478	24338109	OXIDE METAL FILM, 1W 1 OHM J
R479	24531181	FUSIBLE, 1/2W 180 OHM J
R480	24366103	CARBON FILM, 1/6W 10K OHM J
R483	24011223	CHIP, METAL FILM, 1/20W 22K OHM J
R484	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
R485	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
R486	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
R487	24011474	CHIP, METAL FILM, 1/20W 470K OHM J
R488	24011154	CHIP, METAL FILM, 1/20W 150K OHM J
R489	24366563	CARBON FILM, 1/6W 56K OHM J
R490	24366101	CARBON FILM, 1/6W 100 OHM J
R491	24366101	CARBON FILM, 1/6W 100 OHM J
R492	24366122	CARBON FILM, 1/6W 1.2K OHM J
R492	24366472	CARBON FILM, 1/6W 4.7K OHM J
R493	24366123	CARBON FILM, 1/6W 12K OHM J
R494	24327224	METAL FILM, 1/4W 220K OHM F
R496	24382104	OXIDE METAL FILM, 1W 100K OHM J
R499	24366682	CARBON FILM, 1/6W 6.8K OHM J
R513	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
R543	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
R548	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
R553	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
R554	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
R555	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
R558	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
R561	24552181	OXIDE METAL FILM, 1/2W 180 OHM J
R569	24011224	CHIP, METAL FILM, 1/20W 220K OHM J
R571	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
R572	24011222	CHIP, METAL FILM, 1/20W 2.2K OHM J
R573	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
R574	24011222	CHIP, METAL FILM, 1/20W 2.2K OHM J
R575	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
R576	24011222	CHIP, METAL FILM, 1/20W 2.2K OHM J
R577	24011330	CHIP, METAL FILM, 1/20W 33 OHM J
R578	24011330	CHIP, METAL FILM, 1/20W 33 OHM J
R579	24011330	CHIP, METAL FILM, 1/20W 33 OHM J
R601	24011222	CHIP, METAL FILM, 1/20W 2.2K OHM J
R602	24011222	CHIP, METAL FILM, 1/20W 2.2K OHM J
R603	24011472	CHIP, METAL FILM, 1/20W 4.7K OHM J
R604	24011472	CHIP, METAL FILM, 1/20W 4.7K OHM J
R609	24366229	CARBON FILM, 1/6W 2.2 OHM J
R610	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
R611	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
R612	24011103	CHIP, METAL FILM, 1/20W 10K OHM J

Location No.	Parts No.	Description
R615	24366229	CARBON FILM, 1/6W 2.2 OHM J
R618	24366229	CARBON FILM, 1/6W 2.2 OHM J
R619	24011122	CHIP, METAL FILM, 1/20W 1.2K OHM J
R620	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
R621	24011273	CHIP, METAL FILM, 1/20W 27K OHM J
R624	24011104	CHIP, METAL FILM, 1/20W 100K OHM J
R625	24011223	CHIP, METAL FILM, 1/20W 22K OHM J
R626	24011224	CHIP, METAL FILM, 1/20W 220K OHM J
R660	24011333	CHIP, METAL FILM, 1/20W 33K OHM J
R661	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
R661	24552271	OXIDE METAL FILM, 1/2W 270 OHM J
R662	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
R662	24552271	OXIDE METAL FILM, 1/2W 270 OHM J
R663	24011332	CHIP, METAL FILM, 1/20W 3.3K OHM J
R664	24011273	CHIP, METAL FILM, 1/20W 27K OHM J
R666	24366561	CARBON FILM, 1/6W 560 OHM J
R667	24000445	CHIP JUMPER, 1608TYPE
R668	24366223	CARBON FILM, 1/6W 22K OHM J
R668	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
R669	24366223	CARBON FILM, 1/6W 22K OHM J
R669	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
R670	24011104	CHIP, METAL FILM, 1/20W 100K OHM J
R671	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
R680	24011104	CHIP, METAL FILM, 1/20W 100K OHM J
R681	24011472	CHIP, METAL FILM, 1/20W 4.7K OHM J
R683	24011223	CHIP, METAL FILM, 1/20W 22K OHM J
R684	24011223	CHIP, METAL FILM, 1/20W 22K OHM J
R702	24552221	OXIDE METAL FILM, 1/2W 220 OHM J
R709	24366563	CARBON FILM, 1/6W 56K OHM J
R713	24366393	CARBON FILM, 1/6W 39K OHM J
R715	24366273	CARBON FILM, 1/6W 27K OHM J
R716	24366273	CARBON FILM, 1/6W 27K OHM J
R717	24366333	CARBON FILM, 1/6W 33K OHM J
R718	24366222	CARBON FILM, 1/6W 2.2K OHM J
R719	24366101	CARBON FILM, 1/6W 100 OHM J
R720	24366102	CARBON FILM, 1/6W 1K OHM J
R721	24366101	CARBON FILM, 1/6W 100 OHM J
R722	24552471	OXIDE METAL FILM, 1/2W 470 OHM J
R723	24366101	CARBON FILM, 1/6W 100 OHM J
R724	24366151	CARBON FILM, 1/6W 150 OHM J
R725	24366182	CARBON FILM, 1/6W 1.8K OHM J
R730	24552100	OXIDE METAL FILM, 1/2W 10 OHM J
R731	24552331	OXIDE METAL FILM, 1/2W 330 OHM J
R732	24366330	CARBON FILM, 1/6W 33 OHM J
R733	24366683	CARBON FILM, 1/6W 68K OHM J
R734	24366330	CARBON FILM, 1/6W 33 OHM J
R735	24366683	CARBON FILM, 1/6W 68K OHM J
R736	24553470	OXIDE METAL FILM, 1W 47 OHM J
R737	24366681	CARBON FILM, 1/6W 680 OHM J
R738	24366102	CARBON FILM, 1/6W 1K OHM J
R739	24366681	CARBON FILM, 1/6W 680 OHM J
R740	24553470	OXIDE METAL FILM, 1W 47 OHM J
R741	24322229	OXIDE METAL FILM, 1W 2.2 OHM J
R742	24322229	OXIDE METAL FILM, 1W 2.2 OHM J
R743	24554181	OXIDE METAL FILM, 2W 180 OHM J
R744	24366122	CARBON FILM, 1/6W 1.2K OHM J
R745	24366122	CARBON FILM, 1/6W 1.2K OHM J
⚠ R801	24004716	METAL GLAZE, 1/2W 2R2M J
R803	24553683	OXIDE METAL FILM, 1W 68K OHM J
R805	24552101	OXIDE METAL FILM, 1/2W 100 OHM J
R806	24381223	OXIDE METAL FILM, 1/2W 22K OHM J
R808	24366104	CARBON FILM, 1/6W 100K OHM J
⚠ R808	24019503	THERMISTOR, PTC, AC290V 4.5 OHM M
R811	24366225	CARBON FILM, 1/6W 2.2M OHM J
R812	24568479	CERAMIC COVERED, 7W 4.7 OHM J
R813	24007061	CERAMIC COVERED, 2W 1.8 OHM K
R814	24366152	CARBON FILM, 1/6W 1.5K OHM J

Location No.	Parts No.	Description
R815	24552102	OXIDE METAL FILM, 1/2W 1K OHM J
R818	24019460	METAL PLATE, 2W 0.1 OHM J
R819	24310829	OXIDE METAL FILM, 1/2W 8.2 OHM J
R821	24366101	CARBON FILM, 1/6W 100 OHM J
R822	24552103	OXIDE METAL FILM, 1/2W 10K OHM J
R823	24381123	OXIDE METAL FILM, 1/2W 12K OHM J
R824	24569689	CERAMIC COVERED, 10W 6.8 OHM J
R827	24366472	CARBON FILM, 1/6W 4.7K OHM J
R828	24366222	CARBON FILM, 1/6W 2.2K OHM J
R829	24321338	OXIDE METAL FILM, 1/2W 0.33 OHM J
R830	24366471	CARBON FILM, 1/6W 470 OHM J
R831	24366471	CARBON FILM, 1/6W 470 OHM J
R832	24366472	CARBON FILM, 1/6W 4.7K OHM J
R833	24366222	CARBON FILM, 1/6W 2.2K OHM J
R842	24552392	OXIDE METAL FILM, 1/2W 3.9K OHM J
R843	24366103	CARBON FILM, 1/6W 10K OHM J
R843	24366331	CARBON FILM, 1/6W 330 OHM J
R844	24366102	CARBON FILM, 1/6W 1K OHM J
R844	24366332	CARBON FILM, 1/6W 3.3K OHM J
R845	24366472	CARBON FILM, 1/6W 4.7K OHM J
R848	24366472	CARBON FILM, 1/6W 4.7K OHM J
R851	24366101	CARBON FILM, 1/6W 100 OHM J
R852	24366102	CARBON FILM, 1/6W 1K OHM J
R853	24366103	CARBON FILM, 1/6W 10K OHM J
R854	24366472	CARBON FILM, 1/6W 4.7K OHM J
R855	24366472	CARBON FILM, 1/6W 4.7K OHM J
R857	24366472	CARBON FILM, 1/6W 4.7K OHM J
R858	24366472	CARBON FILM, 1/6W 4.7K OHM J
R860	24366102	CARBON FILM, 1/6W 1K OHM J
R861	24367273	CARBON FILM, 1/6W 27K OHM G
R862	24367562	CARBON FILM, 1/6W 5.6K OHM G
R863	24366224	CARBON FILM, 1/6W 220K OHM J
R864	24381820	OXIDE METAL FILM, 1/2W 82 OHM J
R865	24552102	OXIDE METAL FILM, 1/2W 1K OHM J
R866	24366102	CARBON FILM, 1/6W 1K OHM J
R869	24322228	OXIDE METAL FILM, 1W 0.22 OHM J
R871	24552331	OXIDE METAL FILM, 1/2W 330 OHM J
R872	24382683	OXIDE METAL FILM, 1W 68K OHM J
R873	24568229	CERAMIC COVERED, 7W 2.2 OHM J
R875	24366332	CARBON FILM, 1/6W 3.3K OHM J
R876	24366562	CARBON FILM, 1/6W 5.6K OHM J
R877	24366682	CARBON FILM, 1/6W 6.8K OHM J
R878	24366822	CARBON FILM, 1/6W 8.2K OHM J
R880	24552471	OXIDE METAL FILM, 1/2W 470 OHM J
R881	24552561	OXIDE METAL FILM, 1/2W 560 OHM J
R895	24366333	CARBON FILM, 1/6W 33K OHM J
R896	24366562	CARBON FILM, 1/6W 5.6K OHM J
R897	24366683	CARBON FILM, 1/6W 68K OHM J
⚠ R899	24004718	METAL GLAZE, 1/2W 8R2M J
R901	24552101	OXIDE METAL FILM, 1/2W 100 OHM J
R902	24552101	OXIDE METAL FILM, 1/2W 100 OHM J
R903	24552101	OXIDE METAL FILM, 1/2W 100 OHM J
R907	24366560	CARBON FILM, 1/6W 56 OHM J
R913	24366560	CARBON FILM, 1/6W 56 OHM J
R914	24366471	CARBON FILM, 1/6W 470 OHM J
R915	24366100	CARBON FILM, 1/6W 10 OHM J
R916	24366330	CARBON FILM, 1/6W 33 OHM J
R917	24366271	CARBON FILM, 1/6W 270 OHM J
R918	24366330	CARBON FILM, 1/6W 33 OHM J
R920	24000884	FUSIBLE, 1W 3 OHM J
R921	24366471	CARBON FILM, 1/6W 470 OHM J
R922	24366100	CARBON FILM, 1/6W 10 OHM J
R924	24366330	CARBON FILM, 1/6W 33 OHM J
R925	24366271	CARBON FILM, 1/6W 270 OHM J
R928	24366471	CARBON FILM, 1/6W 470 OHM J
R929	24366100	CARBON FILM, 1/6W 10 OHM J
R930	24366330	CARBON FILM, 1/6W 33 OHM J

Location No.	Parts No.	Description
R932	24366332	CARBON FILM, 1/6W 3.3K OHM J
R934	24366471	CARBON FILM, 1/6W 470 OHM J
R935	24366122	CARBON FILM, 1/6W 1.2K OHM J
R937	24366271	CARBON FILM, 1/6W 270 OHM J
R940	24366560	CARBON FILM, 1/6W 56 OHM J
R942	24366222	CARBON FILM, 1/6W 2.2K OHM J
R943	24366222	CARBON FILM, 1/6W 2.2K OHM J
R944	24366222	CARBON FILM, 1/6W 2.2K OHM J
R945	24366330	CARBON FILM, 1/6W 33 OHM J
R946	24366330	CARBON FILM, 1/6W 33 OHM J
R950	24060356	VARIABLE, METAL 16B 0.6W 20M OHM M
R952	24366222	CARBON FILM, 1/6W 2.2K OHM J
R953	24366222	CARBON FILM, 1/6W 2.2K OHM J
R954	24366222	CARBON FILM, 1/6W 2.2K OHM J
R958	24366101	CARBON FILM, 1/6W 100 OHM J
R961	24568472	CERAMIC COVERED, 7W 4.7K OHM J
R962	24568472	CERAMIC COVERED, 7W 4.7K OHM J
R964	24568472	CERAMIC COVERED, 7W 4.7K OHM J
R965	24568472	CERAMIC COVERED, 7W 4.7K OHM J
R966	24366331	CARBON FILM, 1/6W 330 OHM J
R977	24366681	CARBON FILM, 1/6W 680 OHM J
R978	24568472	CERAMIC COVERED, 7W 4.7K OHM J
R979	24568472	CERAMIC COVERED, 7W 4.7K OHM J
R980	24552102	OXIDE METAL FILM, 1/2W 1K OHM J
R981	24552102	OXIDE METAL FILM, 1/2W 1K OHM J
R982	24552102	OXIDE METAL FILM, 1/2W 1K OHM J
R992	24366150	CARBON FILM, 1/6W 15 OHM J
R2020	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
R2060	24366221	CARBON FILM, 1/6W 220 OHM J
R2104	24011472	CHIP, METAL FILM, 1/20W 4.7K OHM J
R2105	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
R2106	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
R2107	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
R2149	24871681	CHIP, 1/8W 680 OHM J
R2150	24871681	CHIP, 1/8W 680 OHM J
R2151	24871681	CHIP, 1/8W 680 OHM J
R2155	24871102	CHIP, METAL FILM, 1/8W 1K OHM J
R2156	24871102	CHIP, METAL FILM, 1/8W 1K OHM J
R2157	24871102	CHIP, METAL FILM, 1/8W 1K OHM J
R2158	24011472	CHIP, METAL FILM, 1/20W 4.7K OHM J
R2159	24011562	CHIP, METAL FILM, 1/20W 5.6K OHM J
R4111	24019259	FUSIBLE, 1/4W 27 OHM G
R4203	24011511	CHIP, METAL FILM, 1/20W 510 OHM J
R4204	24011152	CHIP, METAL FILM, 1/20W 1.5K OHM J
R4207	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
R4209	24011222	CHIP, METAL FILM, 1/20W 2.2K OHM J
R4310	24366183	CARBON FILM, 1/6W 18K OHM J
R4401	24011472	CHIP, METAL FILM, 1/20W 4.7K OHM J
R4403	24011471	CHIP, METAL FILM, 1/20W 470 OHM J
R4405	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
R4407	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
R4408	24011361	CHIP, METAL FILM, 1/20W 360 OHM J
R4409	24011472	CHIP, METAL FILM, 1/20W 4.7K OHM J
R4410	24366823	CARBON FILM, 1/6W 82K OHM J
R4411	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
R4412	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
R4430	24011622	CHIP, METAL FILM, 1/20W 6.2K OHM J
R4461	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
R4466	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
R4467	24011332	CHIP, METAL FILM, 1/20W 3.3K OHM J
R4471	24011223	CHIP, METAL FILM, 1/20W 22K OHM J
R4472	24011223	CHIP, METAL FILM, 1/20W 22K OHM J
R4473	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
R4474	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
R4500	24383820	OXIDE FILM, 2W 82. J
R4501	24383820	OXIDE FILM, 2W 82. J
R4560	24011102	CHIP, METAL FILM, 1/20W 1K OHM J

Location No.	Parts No.	Description
R4562	24011133	CHIP, METAL FILM, 1/20W 13K OHM J
R4563	24011752	CHIP, METAL FILM, 1/20W 7.5K OHM J
R4690	24366103	CARBON FILM, 1/6W 10K OHM J
R4691	24366242	CARBON FILM, 1/6W 2.4K OHM J
R4692	24366471	CARBON FILM, 1/6W 470 OHM J
R4693	24552331	OXIDE METAL FILM, 1/2W 330 OHM J
R4700	24366274	CARBON FILM, 1/6W 270K OHM J
R4701	24366474	CARBON FILM, 1/6W 470K OHM J
R4703	24366473	CARBON FILM, 1/6W 47K OHM J
R4799	24366103	CARBON FILM, 1/6W 10K OHM J
R4820	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
R4860	24011622	CHIP, METAL FILM, 1/20W 6.2K OHM J
R4900	24011274	CHIP, METAL FILM, 1/20W 270K OHM J
R5020	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
R5030	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
R9180	24366470	CARBON FILM, 1/6W 47 OHM J
R9240	24366470	CARBON FILM, 1/6W 47 OHM J
R9300	24366470	CARBON FILM, 1/6W 47 OHM J
R9930	24366101	CARBON FILM, 1/6W 100 OHM J
RA191	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RA192	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RA195	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RA33	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RA71	24366683	CARBON FILM, 1/6W 68K OHM J
RA72	24366223	CARBON FILM, 1/6W 22K OHM J
RA73	24366103	CARBON FILM, 1/6W 10K OHM J
RA76	24366103	CARBON FILM, 1/6W 10K OHM J
RA83	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
RA86	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
RA87	24366223	CARBON FILM, 1/6W 22K OHM J
RA88	24011472	CHIP, METAL FILM, 1/20W 4.7K OHM J
RA98	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RA99	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RB01	24366271	CARBON FILM, 1/6W 270 OHM J
RB02	24366221	CARBON FILM, 1/6W 220 OHM J
RB04	24366223	CARBON FILM, 1/6W 22K OHM J
RB09	24366470	CARBON FILM, 1/6W 47 OHM J
RB11	24366103	CARBON FILM, 1/6W 10K OHM J
RB20	24366103	CARBON FILM, 1/6W 10K OHM J
RB21	24366104	CARBON FILM, 1/6W 100K OHM J
RB30	24011222	CHIP, METAL FILM, 1/20W 2.2K OHM J
RB31	24011222	CHIP, METAL FILM, 1/20W 2.2K OHM J
RB32	24011105	CHIP, METAL FILM, 1/20W 1M OHM J
RB33	24011123	CHIP, METAL FILM, 1/20W 12K OHM J
RB34	24011392	CHIP, METAL FILM, 1/20W 3.9K OHM J
RB35	24011392	CHIP, METAL FILM, 1/20W 3.9K OHM J
RB36	24011222	CHIP, METAL FILM, 1/20W 2.2K OHM J
RB37	24011331	CHIP, METAL FILM, 1/20W 330 OHM J
RB38	24011105	CHIP, METAL FILM, 1/20W 1M OHM J
RB39	24011123	CHIP, METAL FILM, 1/20W 12K OHM J
RB40	24011392	CHIP, METAL FILM, 1/20W 3.9K OHM J
RB41	24011392	CHIP, METAL FILM, 1/20W 3.9K OHM J
RB42	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
RB43	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RB45	24011222	CHIP, METAL FILM, 1/20W 2.2K OHM J
RB46	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
RB49	24011331	CHIP, METAL FILM, 1/20W 330 OHM J
RB79	24011392	CHIP, METAL FILM, 1/20W 3.9K OHM J
RB80	24011392	CHIP, METAL FILM, 1/20W 3.9K OHM J
RB81	24011122	CHIP, METAL FILM, 1/20W 1.2K OHM J
RB82	24011123	CHIP, METAL FILM, 1/20W 12K OHM J
RB83	24011123	CHIP, METAL FILM, 1/20W 12K OHM J
RB90	24011392	CHIP, METAL FILM, 1/20W 3.9K OHM J
RB91	24011473	CHIP, METAL FILM, 1/20W 47K OHM J
RB92	24011271	CHIP, METAL FILM, 1/20W 270 OHM J
RB93	24011271	CHIP, METAL FILM, 1/20W 270 OHM J
RB94	24011222	CHIP, METAL FILM, 1/20W 2.2K OHM J

Location No.	Parts No.	Description
RB95	24011222	CHIP, METAL FILM, 1/20W 2.2K OHM J
RB96	24011273	CHIP, METAL FILM, 1/20W 27K OHM J
RB97	24011273	CHIP, METAL FILM, 1/20W 27K OHM J
RB98	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RC01	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RC02	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RC03	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RC04	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RC05	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RC06	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RC07	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RC08	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RC09	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RC10	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RC11	24366102	CARBON FILM, 1/6W 1K OHM J
RC12	24366102	CARBON FILM, 1/6W 1K OHM J
RF01	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
RF02	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RF03	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RF04	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
RF05	24011473	CHIP, METAL FILM, 1/20W 47K OHM J
RF06	24011473	CHIP, METAL FILM, 1/20W 47K OHM J
RF07	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
RF08	24011223	CHIP, METAL FILM, 1/20W 22K OHM J
RF09	24011223	CHIP, METAL FILM, 1/20W 22K OHM J
RF10	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RF11	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RF12	24011471	CHIP, METAL FILM, 1/20W 470 OHM J
RF13	24011392	CHIP, METAL FILM, 1/20W 3.9K OHM J
RF14	24011471	CHIP, METAL FILM, 1/20W 470 OHM J
RF15	24011392	CHIP, METAL FILM, 1/20W 3.9K OHM J
RF16	24011471	CHIP, METAL FILM, 1/20W 470 OHM J
RF17	24011392	CHIP, METAL FILM, 1/20W 3.9K OHM J
RF18	24011222	CHIP, METAL FILM, 1/20W 2.2K OHM J
RF19	24011273	CHIP, METAL FILM, 1/20W 27K OHM J
RF20	24011683	CHIP, METAL FILM, 1/20W 68K OHM J
RF21	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RF22	24011471	CHIP, METAL FILM, 1/20W 470 OHM J
RF23	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RF24	24011391	CHIP, METAL FILM, 1/20W 390 OHM J
RF25	24011471	CHIP, METAL FILM, 1/20W 470 OHM J
RF26	24011331	CHIP, METAL FILM, 1/20W 330 OHM J
RF27	24011471	CHIP, METAL FILM, 1/20W 470 OHM J
RF28	24019398	CHIP BLOCK, 1/16W P-8 33 OHM J
RF29	24019398	CHIP BLOCK, 1/16W P-8 33 OHM J
RF30	24019398	CHIP BLOCK, 1/16W P-8 33 OHM J
RF31	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RF32	24019398	CHIP BLOCK, 1/16W P-8 33 OHM J
RF33	24019398	CHIP BLOCK, 1/16W P-8 33 OHM J
RF34	24019398	CHIP BLOCK, 1/16W P-8 33 OHM J
RF35	24019398	CHIP BLOCK, 1/16W P-8 33 OHM J
RF36	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RF37	24011330	CHIP, METAL FILM, 1/20W 33 OHM J
RF38	24011330	CHIP, METAL FILM, 1/20W 33 OHM J
RF39	24011330	CHIP, METAL FILM, 1/20W 33 OHM J
RF40	24011472	CHIP, METAL FILM, 1/20W 4.7K OHM J
RF42	24011682	CHIP, METAL FILM, 1/20W 6.8K OHM J
RF43	24011682	CHIP, METAL FILM, 1/20W 6.8K OHM J
RF44	24011682	CHIP, METAL FILM, 1/20W 6.8K OHM J
RF46	24011224	CHIP, METAL FILM, 1/20W 220K OHM J
RF48	24000445	CHIP JUMPER, 1608TYPE
RF49	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
RF50	24011473	CHIP, METAL FILM, 1/20W 47K OHM J
RF51	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
RF54	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RF55	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RF57	24011102	CHIP, METAL FILM, 1/20W 1K OHM J

Location No.	Parts No.	Description
RF58	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RF59	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RF60	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RF62	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RF63	24011224	CHIP, METAL FILM, 1/20W 220K OHM J
RF64	24011224	CHIP, METAL FILM, 1/20W 220K OHM J
RF65	24011224	CHIP, METAL FILM, 1/20W 220K OHM J
RF68	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
RF69	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
RF70	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
RF74	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
RF75	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
RF76	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
RF77	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RF78	24011332	CHIP, METAL FILM, 1/20W 3.3K OHM J
RF79	24019398	CHIP BLOCK, 1/16W P-8 33 OHM J
RF80	24019398	CHIP BLOCK, 1/16W P-8 33 OHM J
RF81	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
RF82	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
RF84	24000445	CHIP JUMPER, 1608TYPE
RF87	24011473	CHIP, METAL FILM, 1/20W 47K OHM J
RF88	24011222	CHIP, METAL FILM, 1/20W 2.2K OHM J
RF89	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RF93	24000445	CHIP JUMPER, 1608TYPE
RF94	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
RF95	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
RF97	24011330	CHIP, METAL FILM, 1/20W 33 OHM J
RF98	24011330	CHIP, METAL FILM, 1/20W 33 OHM J
RF99	24011330	CHIP, METAL FILM, 1/20W 33 OHM J
RF100	24011330	CHIP, METAL FILM, 1/20W 33 OHM J
RF101	24011330	CHIP, METAL FILM, 1/20W 33 OHM J
RF102	24011330	CHIP, METAL FILM, 1/20W 33 OHM J
RF103	24011330	CHIP, METAL FILM, 1/20W 33 OHM J
RF104	24011330	CHIP, METAL FILM, 1/20W 33 OHM J
RF105	24011330	CHIP, METAL FILM, 1/20W 33 OHM J
RF106	24011330	CHIP, METAL FILM, 1/20W 33 OHM J
RF107	24011330	CHIP, METAL FILM, 1/20W 33 OHM J
RF108	24011330	CHIP, METAL FILM, 1/20W 33 OHM J
RF109	24011330	CHIP, METAL FILM, 1/20W 33 OHM J
RF110	24011330	CHIP, METAL FILM, 1/20W 33 OHM J
RF111	24011330	CHIP, METAL FILM, 1/20W 33 OHM J
RF112	24011330	CHIP, METAL FILM, 1/20W 33 OHM J
RF114	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RF116	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RF117	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RF118	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
RF119	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RF120	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
RF121	24011473	CHIP, METAL FILM, 1/20W 47K OHM J
RF122	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
RF123	24011333	CHIP, METAL FILM, 1/20W 33K OHM J
RF124	24011682	CHIP, METAL FILM, 1/20W 6.8K OHM J
RF125	24011224	CHIP, METAL FILM, 1/20W 220K OHM J
RF129	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RF130	24011333	CHIP, METAL FILM, 1/20W 33K OHM J
RF132	24011333	CHIP, METAL FILM, 1/20W 33K OHM J
RF133	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
RF134	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
RF138	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RF147	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RJ01	24000633	METAL FILM, 1/4W 10K OHM F
RJ02	24000359	METAL FILM, 1/4W 1.1K OHM F
RJ03	24366512	CARBON FILM, 1/6W 5.1K OHM J
RJ05	24310159	OXIDE METAL FILM, 1/2W 1.5 OHM J
RJ06	24382471	OXIDE METAL FILM, 1W 470 OHM J
RJ07	24310109	OXIDE METAL FILM, 1/2W 1 OHM J
RJ08	24366102	CARBON FILM, 1/6W 1K OHM J

Location No.	Parts No.	Description
RS01	24011562	CHIP, METAL FILM, 1/20W 5.6K OHM J
RS02	24011562	CHIP, METAL FILM, 1/20W 5.6K OHM J
RS03	24011562	CHIP, METAL FILM, 1/20W 5.6K OHM J
RS04	24011562	CHIP, METAL FILM, 1/20W 5.6K OHM J
RS05	24011562	CHIP, METAL FILM, 1/20W 5.6K OHM J
RS06	24011562	CHIP, METAL FILM, 1/20W 5.6K OHM J
RS07	24011562	CHIP, METAL FILM, 1/20W 5.6K OHM J
RS08	24011562	CHIP, METAL FILM, 1/20W 5.6K OHM J
RS09	24011562	CHIP, METAL FILM, 1/20W 5.6K OHM J
RS10	24011562	CHIP, METAL FILM, 1/20W 5.6K OHM J
RS11	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RS12	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RS13	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RS14	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RS19	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RS20	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RS21	24011222	CHIP, METAL FILM, 1/20W 2.2K OHM J
RS22	24011222	CHIP, METAL FILM, 1/20W 2.2K OHM J
RS25	24011104	CHIP, METAL FILM, 1/20W 100K OHM J
RS26	24011104	CHIP, METAL FILM, 1/20W 100K OHM J
RS29	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RS30	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RS31	24011104	CHIP, METAL FILM, 1/20W 100K OHM J
RS32	24011104	CHIP, METAL FILM, 1/20W 100K OHM J
RS33	24011223	CHIP, METAL FILM, 1/20W 22K OHM J
RS34	24011223	CHIP, METAL FILM, 1/20W 22K OHM J
RS40	24011222	CHIP, METAL FILM, 1/20W 2.2K OHM J
RS41	24011222	CHIP, METAL FILM, 1/20W 2.2K OHM J
RS42	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RS43	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RS49	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RS50	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RS53	24011223	CHIP, METAL FILM, 1/20W 22K OHM J
RS54	24011223	CHIP, METAL FILM, 1/20W 22K OHM J
RS55	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
RS56	24011104	CHIP, METAL FILM, 1/20W 100K OHM J
RS58	24011272	CHIP, METAL FILM, 1/20W 2.7K OHM J
RV03	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RV04	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RV05	24011222	CHIP, METAL FILM, 1/20W 2.2K OHM J
RV06	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RV07	24011473	CHIP, METAL FILM, 1/20W 47K OHM J
RV08	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RV09	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RV10	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RV11	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RV12	24011473	CHIP, METAL FILM, 1/20W 47K OHM J
RV13	24011473	CHIP, METAL FILM, 1/20W 47K OHM J
RV14	24011472	CHIP, METAL FILM, 1/20W 4.7K OHM J
RV15	24011472	CHIP, METAL FILM, 1/20W 4.7K OHM J
RV19	24552101	OXIDE METAL FILM, 1/2W 100 OHM J
RV20	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RV21	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RV22	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RV26	24011272	CHIP, METAL FILM, 1/20W 2.7K OHM J
RV27	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RV28	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RV33	24872750	CHIP, METAL FILM, 1/16W 75 OHM J
RV37	24872750	CHIP, METAL FILM, 1/16W 75 OHM J
RV49	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RV50	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RV51	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RV52	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RV53	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RV54	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RV55	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RV56	24011101	CHIP, METAL FILM, 1/20W 100 OHM J

Location No.	Parts No.	Description
RV57	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RV65	24552101	OXIDE METAL FILM, 1/2W 100 OHM J
RV66	24872750	CHIP, METAL FILM, 1/16W 75 OHM J
RV67	24366331	CARBON FILM, 1/6W 330 OHM J
RV68	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RV69	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RV70	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RV81	24872750	CHIP, METAL FILM, 1/16W 75 OHM J
RV85	24366750	CARBON FILM, 1/6W 75 OHM J
RV87	24366750	CARBON FILM, 1/6W 75 OHM J
RV87	24872750	CHIP, METAL FILM, 1/16W 75 OHM J
RV88	24872750	CHIP, METAL FILM, 1/16W 75 OHM J
RV89	24872750	CHIP, METAL FILM, 1/16W 75 OHM J
RV90	24872750	CHIP, METAL FILM, 1/16W 75 OHM J
RV91	24872750	CHIP, METAL FILM, 1/16W 75 OHM J
RV92	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RV93	24011182	CHIP, METAL FILM, 1/20W 1.8K OHM J
RV94	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RV95	24011182	CHIP, METAL FILM, 1/20W 1.8K OHM J
RV96	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RV97	24011182	CHIP, METAL FILM, 1/20W 1.8K OHM J
RV98	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RV99	24011182	CHIP, METAL FILM, 1/20W 1.8K OHM J
RV100	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RV101	24011182	CHIP, METAL FILM, 1/20W 1.8K OHM J
RV102	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RV103	24011182	CHIP, METAL FILM, 1/20W 1.8K OHM J
RV104	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RV105	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RV106	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RV110	24011750	CHIP, METAL FILM, 1/20W 75 OHM J
RV111	24011750	CHIP, METAL FILM, 1/20W 75 OHM J
RV120	24011330	CHIP, METAL FILM, 1/20W 33 OHM J
RV121	24011330	CHIP, METAL FILM, 1/20W 33 OHM J
RV122	24011330	CHIP, METAL FILM, 1/20W 33 OHM J
RV123	24011330	CHIP, METAL FILM, 1/20W 33 OHM J
RV124	24011330	CHIP, METAL FILM, 1/20W 33 OHM J
RV125	24011330	CHIP, METAL FILM, 1/20W 33 OHM J
RX03	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RX04	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
RX05	24011102	CHIP, METAL FILM, 1/20W 1K OHM J
RY02	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RY04	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
RY05	24011272	CHIP, METAL FILM, 1/20W 2.7K OHM J
RY06	24011822	CHIP, METAL FILM, 1/20W 8.2K OHM J
RY07	24011153	CHIP, METAL FILM, 1/2OW 15K OHM J
RY08	24011682	CHIP, METAL FILM, 1/20W 6.8K OHM J
RY09	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RY10	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RY11	24011106	METAL FILM CHIP, 1/20W 10M K
RY12	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RY13	24011122	CHIP, METAL FILM, 1/20W 1.2K OHM J
RY14	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RY15	24011152	CHIP, METAL FILM, 1/20W 1.5K OHM J
RY16	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RY17	24011392	CHIP, METAL FILM, 1/20W 3.9K OHM J
RY18	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RY19	24011472	CHIP, METAL FILM, 1/20W 4.7K OHM J
RY20	24366681	CARBON FILM, 1/6W 680 OHM J
RY21	24011152	CHIP, METAL FILM, 1/20W 1.5K OHM J
RY22	24011561	CHIP, METAL FILM, 1/20W 560 OHM J
RY23	24011332	CHIP, METAL FILM, 1/20W 3.3K OHM J
RY24	24011473	CHIP, METAL FILM, 1/20W 47K OHM J
RY25	24011473	CHIP, METAL FILM, 1/20W 47K OHM J
RY26	24011223	CHIP, METAL FILM, 1/20W 22K OHM J
RY30	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RY31	24011101	CHIP, METAL FILM, 1/20W 100 OHM J

Location No.	Parts No.	Description
RY32	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RY33	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RY34	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RY35	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RY36	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
RY37	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
RY38	24011222	CHIP, METAL FILM, 1/20W 2.2K OHM J
RY39	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
RY40	24011103	CHIP, METAL FILM, 1/20W 10K OHM J
RY41	24011222	CHIP, METAL FILM, 1/20W 2.2K OHM J
RY62	24011273	CHIP, METAL FILM, 1/20W 27K OHM J
RY63	24011392	CHIP, METAL FILM, 1/20W 3.9K OHM J
RY101	24011101	CHIP, METAL FILM, 1/20W 100 OHM J
RY102	24011183	CHIP, METAL FILM, 1/20W 18K OHM J
RY103	24011273	CHIP, METAL FILM, 1/20W 27K OHM J
RY604	24366102	CARBON FILM, 1/6W 1K OHM J
RY605	24366104	CARBON FILM, 1/6W 100K OHM J
RY606	24366393	CARBON FILM, 1/6W 39K OHM J
RY607	24366153	CARBON FILM, 1/6W 15K OHM J
RY608	24366152	CARBON FILM, 1/6W 1.5K OHM J
RY609	24366391	CARBON FILM, 1/6W 390 OHM J
RY610	24553560	OXIDE METAL FILM, 1W 56 OHM J
RY613	24553820	OXIDE METAL FILM, 1W 82 OHM J
RY614	24366103	CARBON FILM, 1/6W 10K OHM J
RY615	24366223	CARBON FILM, 1/6W 22K OHM J
RY616	24366101	CARBON FILM, 1/6W 100 OHM J
RY617	24366101	CARBON FILM, 1/6W 100 OHM J
RY618	24366101	CARBON FILM, 1/6W 100 OHM J
RY619	24366101	CARBON FILM, 1/6W 100 OHM J
RY631	24366100	CARBON FILM, 1/6W 10 OHM J
RY632	24366100	CARBON FILM, 1/6W 10 OHM J
COILS & TRANSFORMERS		
L101	23248296	COIL, CHOKE, TLN3278GH
L102	23238720	COIL, PEAKING, TRF4339AJ
L103	23238720	COIL, PEAKING, TRF4339AJ
L211	23103159	FILTER, EMI, TEM2028AA, 7.5X6.4X8 60MMH 0.5A
L212	23103159	FILTER, EMI, TEM2028AA, 7.5X6.4X8 60MMH 0.5A
L301	23103894	FILTER, FERRITE BEAD, TEM2011AW
L302	23289846	COIL, PEAKING, TRF4101AT
L400	23289100	COIL, PEAKING, TRF4100AF
L404	23103894	FILTER, FERRITE BEAD, TEM2011AW
L405	23103894	FILTER, FERRITE BEAD, TEM2011AW
L441	23233033	COIL, HORIZ LINIALTY, TLN2209AT
L442	23248282	COIL, CHOKE, TLN3458AH
L447	23248333	COIL, CHOKE 16X29H 15MMH, TLN3450AI
L450	23248183	COIL, CHOKE, TLN3343AD
L451	23233100	COIL, TLN2110AH
L461	23248248	COIL, CHOKE, TLN3500AH
⚠ L462	23231351	COIL, DEFLECTION YOKE, TDY6368K
L462A	23993080	METAL SHEET, CONVER REVISION, TCCMXH01K
L462B	23006010	FERRITE SHEET, SPOILER POSI
L462C	23006011	FERRITE SHEET, SPOILER NEGA
L463	23103894	FILTER, FERRITE BEAD, TEM2011AW
L464	23103894	FILTER, FERRITE BEAD, TEM2011AW
L491	23248191	COIL, CHOKE, TLN3351AD
L499	23103894	FILTER, FERRITE BEAD, TEM2011AW
L501	23289470	COIL, PEAKING, TRF4470AF
L503	23289470	COIL, PEAKING, TRF4470AF
L510	23103159	FILTER, EMI, TEM2028AA, 7.5X6.4X8 60MMH 0.5A
L511	23103159	FILTER, EMI, TEM2028AA, 7.5X6.4X8 60MMH 0.5A
L512	23103146	EMI FILTER, TEM2030AA
L513	23103159	FILTER, EMI, TEM2028AA, 7.5X6.4X8 60MMH 0.5A
L514	23103146	EMI FILTER, TEM2030AA
L515	23103146	EMI FILTER, TEM2030AA
L531	23103146	EMI FILTER, TEM2030AA
L582	23248288	COIL, CHOKE, TLN3299GH
L702	23261974	COIL, FERRITE BEAD, HC5-035
L704	23103894	FILTER, FERRITE BEAD, TEM2011AW
L705	23103894	FILTER, FERRITE BEAD, TEM2011AW
L706	23237987	COIL, PEAKING, TRF4100AC
L811	23103894	FILTER, FERRITE BEAD, TEM2011AW
L815	23103894	FILTER, FERRITE BEAD, TEM2011AW
L817	23103896	FILTER, FERRITE BEAD 3.5X10X0.8, TEM2004AW
L818	23280016	COIL, PEAKING, TRF4100AZ
L819	23280016	COIL, PEAKING, TRF4100AZ
L820	23103894	FILTER, FERRITE BEAD, TEM2011AW
L821	23103894	FILTER, FERRITE BEAD, TEM2011AW
L824	23103894	FILTER, FERRITE BEAD, TEM2011AW
L834	23280019	COIL, PEAKING, TRF4330AZ
L835	23248308	COIL, CHOKE, TLN3503GH
L836	23248236	COIL, CHOKE, TLN3441AF
L841	23248289	COIL, CHOKE, TLN3312GH
L851	23280016	COIL, PEAKING, TRF4100AZ
L852	23289843	COIL, PEAKING, TRF4330AT
L853	23248338	COIL, CHOKE 8X8.5H 561MMH, TLN3283AI
L854	23289840	COIL, PEAKING, TRF4100AT
L871	23103894	FILTER, FERRITE BEAD, TEM2011AW
L883	23221111	COIL, CHOKE, TRF9253GH
L885	23248288	COIL, CHOKE, TLN3299GH
L891	23103894	FILTER, FERRITE BEAD, TEM2011AW
L892	23103894	FILTER, FERRITE BEAD, TEM2011AW
L893	23280016	COIL, PEAKING, TRF4100AZ
L894	23103894	FILTER, FERRITE BEAD, TEM2011AW
L896	23103894	FILTER, FERRITE BEAD, TEM2011AW
L897	23248289	COIL, CHOKE, TLN3312GH
⚠ L901	23200549	COIL, DG0.55CU 65T-2L TYPE, TSB-2405AH
L901	23289838	COIL, PEAKING, TRF44R7AT
L902	23289689	COIL, PEAKING, TRF46R8AF
L903	23289689	COIL, PEAKING, TRF46R8AF
L904	23289689	COIL, PEAKING, TRF46R8AF
L905	23289837	COIL, PEAKING 3.30MMHJ, TRF43R3AT
L906	23289837	COIL, PEAKING 3.30MMHJ, TRF43R3AT
L907	23289837	COIL, PEAKING 3.30MMHJ, TRF43R3AT
L908	23237987	COIL, PEAKING, TRF4100AC
L911	23289840	COIL, PEAKING, TRF4100AT
L916	23289838	COIL, PEAKING, TRF44R7AT
L924	23289838	COIL, PEAKING, TRF44R7AT
L4401	23289101	COIL, PEAKING, TRF4101AF
LB01	23289840	COIL, PEAKING, TRF4100AT
LB02	23289840	COIL, PEAKING, TRF4100AT
LF01	23103827	INDUCTOR, BEAD, TEM2120M
LF02	23103827	INDUCTOR, BEAD, TEM2120M
LF03	23103887	INDUCTOR, CHIP BEAD, TEM2130AM
LF04	23103887	INDUCTOR, CHIP BEAD, TEM2130AM
LF05	23103828	INDUCTOR, BEAD, TEM2121M
LF07	23103828	INDUCTOR, BEAD, TEM2121M
LF08	23103828	INDUCTOR, BEAD, TEM2121M
LF09	23289101	COIL, PEAKING, TRF4101AF
LF10	23289100	COIL, PEAKING, TRF4100AF
LF11	23103827	INDUCTOR, BEAD, TEM2120M
LF21	23103827	INDUCTOR, BEAD, TEM2120M
LF23	23103828	INDUCTOR, BEAD, TEM2121M
LF26	23103828	INDUCTOR, BEAD, TEM2121M
LF27	23103828	INDUCTOR, BEAD, TEM2121M
LF28	23103828	INDUCTOR, BEAD, TEM2121M
LF29	23103828	INDUCTOR, BEAD, TEM2121M

Location No.	Parts No.	Description
LF31	23103828	INDUCTOR, BEAD, TEM2121M
LF32	23103828	INDUCTOR, BEAD, TEM2121M
LF33	23103828	INDUCTOR, BEAD, TEM2121M
LF34	23103828	INDUCTOR, BEAD, TEM2121M
LF36	23103828	INDUCTOR, BEAD, TEM2121M
LF37	23103828	INDUCTOR, BEAD, TEM2121M
LF38	23103828	INDUCTOR, BEAD, TEM2121M
LF39	23103828	INDUCTOR, BEAD, TEM2121M
LF40	23103828	INDUCTOR, BEAD, TEM2121M
LF41	23103828	INDUCTOR, BEAD, TEM2121M
LF42	23103828	INDUCTOR, BEAD, TEM2121M
LF43	23103828	INDUCTOR, BEAD, TEM2121M
LF45	23103828	INDUCTOR, BEAD, TEM2121M
LF46	23103828	INDUCTOR, BEAD, TEM2121M
LF47	23103828	INDUCTOR, BEAD, TEM2121M
LF48	23103828	INDUCTOR, BEAD, TEM2121M
LF49	23103828	INDUCTOR, BEAD, TEM2121M
LF51	23103828	INDUCTOR, BEAD, TEM2121M
LF52	23103828	INDUCTOR, BEAD, TEM2121M
LF54	23103828	INDUCTOR, BEAD, TEM2121M
LF56	23103828	INDUCTOR, BEAD, TEM2121M
LF59	23103828	INDUCTOR, BEAD, TEM2121M
LF60	23103828	INDUCTOR, BEAD, TEM2121M
LF62	23103887	INDUCTOR, CHIP BEAD, TEM2130AM
LF63	23103828	INDUCTOR, BEAD, TEM2121M
LF90	23103159	FILTER, EMI, TEM2028AA, 7.5X6.4X8 60MMH 0.5A
LJ901	23200448	COIL, GEOMAGNETIC CORRECTION, TSB-2408AG
LV02	23103159	FILTER, EMI, TEM2028AA, 7.5X6.4X8 60MMH 0.5A
LV03	23103159	FILTER, EMI, TEM2028AA, 7.5X6.4X8 60MMH 0.5A
LV04	23289840	COIL, PEAKING, TRF4100AT
LV05	23289840	COIL, PEAKING, TRF4100AT
LV06	23103146	EMI FILTER, TEM2030AA
LV07	23103146	EMI FILTER, TEM2030AA
LV09	23289840	COIL, PEAKING, TRF4100AT
LV10	23289840	COIL, PEAKING, TRF4100AT
LV11	23103159	FILTER, EMI, TEM2028AA, 7.5X6.4X8 60MMH 0.5A
LV12	23103159	FILTER, EMI, TEM2028AA, 7.5X6.4X8 60MMH 0.5A
LV13	23103146	EMI FILTER, TEM2030AA
LY01	23103827	INDUCTOR, BEAD, TEM2120M
LY02	23103827	INDUCTOR, BEAD, TEM2120M
LY03	23289840	COIL, PEAKING, TRF4100AT
LY04	23289840	COIL, PEAKING, TRF4100AT
LY05	23289840	COIL, PEAKING, TRF4100AT
LY06	23289840	COIL, PEAKING, TRF4100AT
LY07	23289840	COIL, PEAKING, TRF4100AT
LY101	23248312	COIL, CHOKE 9.3X8.5H 330MMH, TLN3040GH
LY102	23238720	COIL, PEAKING, TRF4339AJ
LY103	23238720	COIL, PEAKING, TRF4339AJ
LY104	23238506	COIL, PEAKING, TRF4229AJ
⚠ T400	23224390	TRANSFORMER, FOCUS, TLN2226AH
⚠ T401	23224381	TRANSFORMER, HORIZ DRIVE, TLN1080GH
T461C	23960136	ADHESIVE, SILICONE, TSE3843-W
⚠ T461Z	23236785	TRANSFORMER, HORIZ OUTPUT, SERVICE, TFB4193YD
⚠ T801	23211744	COIL, LINE FILTER, TRF3196BT
⚠ T802	23211744	COIL, LINE FILTER, TRF3196BT
⚠ T803	23211744	COIL, LINE FILTER, TRF3196BT
⚠ T804	23217582	TRANSFORMER, CONVERTER, TPW3510AS
⚠ T806	23211738	COIL, LINE FILTER, TRF3228AL
⚠ T862	23217636	TRANSFORMER, CONVERTER, TPW3509AH

Location No.	Parts No.	Description
SEMICONDUCTORS		
Q101	23314292	TRANSISTOR, 2SC4116-Y
Q201	23114433	TRANSISTOR, 2SC1815-Y
Q220	23114756	TRANSISTOR, 2SC2482
Q301	23319787	IC, LA7833S
Q301B	70391356	SCREW, BITTB3X10 SZN
Q302	23000711	IC, TA1317AN
Q370	23114458	TRANSISTOR, RN1206
Q371	23114433	TRANSISTOR, 2SC1815-Y
Q372	23114458	TRANSISTOR, RN1206
Q373	23114433	TRANSISTOR, 2SC1815-Y
Q374	23114433	TRANSISTOR, 2SC1815-Y
Q390	23114433	TRANSISTOR, 2SC1815-Y
Q391	23205079	TRANSISTOR, 2SC4686A
Q392	23114425	TRANSISTOR, 2SA1015-Y(TE
Q402	23314862	TRANSISTOR, FET, 2SK941
Q404	23205149	TRANSISTOR, 2SC5859(FA)
Q404B	70391356	SCREW, BITTB3X10 SZN
Q404C	23850638	INSULATOR, TRANSISTOR, AC263
Q408	23114463	TRANSISTOR, RN1201
Q409	23114462	TRANSISTOR, RN1202
Q418	23314141	TRANSISTOR, 2SC3852
Q418B	70391356	SCREW, BITTB3X10 SZN
Q420	23314141	TRANSISTOR, 2SC3852
Q420B	70391356	SCREW, BITTB3X10 SZN
Q421	23114433	TRANSISTOR, 2SC1815-Y
Q424	70114396	TRANSISTOR, 2SC3326B
Q430	23314141	TRANSISTOR, 2SC3852
Q430B	70391356	SCREW, BITTB3X10 SZN
Q432	23114433	TRANSISTOR, 2SC1815-Y
Q434	23205077	TRANSISTOR, FET, 2SK2679
Q438	23205173	TRANSISTOR, FET VDSS=900V, 2SK2700
Q460	23205031	TRANSISTOR, FET, 2SK2920
Q470	23114541	TRANSISTOR, 2SA1320
Q471	23114433	TRANSISTOR, 2SC1815-Y
Q472	23114433	TRANSISTOR, 2SC1815-Y
Q473	23114425	TRANSISTOR, 2SA1015-Y(TE
Q476	23114459	TRANSISTOR, RN1205
Q495	23118952	IC, PHOTO COUPLER, TLP521-1 (FA)
Q498	23114458	TRANSISTOR, RN1206
Q499	23205045	TRANSISTOR, 2SA1037AKQ
Q510	23009369	IC, TA1360AFG
Q537	23314994	TRANSISTOR, 2SA1576A106
Q538	23314994	TRANSISTOR, 2SA1576A106
Q539	23314994	TRANSISTOR, 2SA1576A106
Q601	23000269	IC, TA8216H
Q601B	70391356	SCREW, BITTB3X10 SZN
Q602	23000269	IC, TA8216H
Q602B	70391356	SCREW, BITTB3X10 SZN
Q611	23314289	TRANSISTOR, 2SA1586-Y
Q616	23314289	TRANSISTOR, 2SA1586-Y
Q631	70114396	TRANSISTOR, 2SC3326B
Q632	70114396	TRANSISTOR, 2SC3326B
Q651	23009624	IC, DUAL OP-AMP DIP 8P, NJM4558D
Q681	70114396	TRANSISTOR, 2SC3326B
Q682	70114396	TRANSISTOR, 2SC3326B
Q705	23114433	TRANSISTOR, 2SC1815-Y
Q706	23114433	TRANSISTOR, 2SC1815-Y
Q707	23114437	TRANSISTOR, 2SC752GTM-Y
Q709	23114433	TRANSISTOR, 2SC1815-Y
Q710	23114425	TRANSISTOR, 2SA1015-Y(TE
Q711	23314909	TRANSISTOR, 2SA1837
Q712	23314912	TRANSISTOR, 2SC4793
Q719	23114433	TRANSISTOR, 2SC1815-Y
Q720	23114433	TRANSISTOR, 2SC1815-Y
Q801	23135026	IC, STR-X6469
Q801B	72471082	SCREW, 3X10MM

Location No.	Parts No.	Description
Q801D	23960136	ADHESIVE, SILICONE, TSE3843-W
Q802	23314141	TRANSISTOR, 2SC3852
Q803	23135036	IC, STRW6853
Q803B	70391356	SCREW, BITTB3X10 SZN
Q804	23114433	TRANSISTOR, 2SC1815-Y
Q805	23114433	TRANSISTOR, 2SC1815-Y
⚠ Q806	23009270	IC, PHOTO COUPLER, PS2581L1(D)
Q807	23114433	TRANSISTOR, 2SC1815-Y
Q821	23114433	TRANSISTOR, 2SC1815-Y
⚠ Q826	23009270	IC, PHOTO COUPLER, PS2581L1(D)
Q827	23000352	IC, SE125N, LF4
Q830	23314141	TRANSISTOR, 2SC3852
Q830B	70391356	SCREW, BITTB3X10 SZN
Q831	23314141	TRANSISTOR, 2SC3852
Q831B	70391356	SCREW, BITTB3X10 SZN
Q832	23009239	IC, NJM2396F09
Q832B	70391356	SCREW, BITTB3X10 SZN
Q835	23000806	IC, SI-8033SS
Q835B	70391356	SCREW, BITTB3X10 SZN
Q836	23114433	TRANSISTOR, 2SC1815-Y
Q837	23114433	TRANSISTOR, 2SC1815-Y
Q840	23009609	IC, SWITCHING REG, SI-8050E
Q841	23114433	TRANSISTOR, 2SC1815-Y
Q842	23114433	TRANSISTOR, 2SC1815-Y
Q855	23114433	TRANSISTOR, 2SC1815-Y
Q880	23114425	TRANSISTOR, 2SA1015-Y(TE
Q901	23205159	TRANSISTOR, 2SC3942
Q902	23205165	TRANSISTOR, 2SC3950E
Q903	23205159	TRANSISTOR, 2SC3942
Q904	23205165	TRANSISTOR, 2SC3950E
Q905	23205159	TRANSISTOR, 2SC3942
Q906	23205165	TRANSISTOR, 2SC3950E
Q907	23114735	TRANSISTOR, 2SA102-Y(C)
Q930	23205158	TRANSISTOR, 2SC3790E
Q931	23205156	TRANSISTOR, 2SA1480E
Q933	23205158	TRANSISTOR, 2SC3790E
Q934	23205156	TRANSISTOR, 2SA1480E
Q936	23205158	TRANSISTOR, 2SC3790E
Q937	23205156	TRANSISTOR, 2SA1480E
Q961	23114433	TRANSISTOR, 2SC1815-Y
Q2104	23114425	TRANSISTOR, 2SA1015-Y(TE
Q2105	23114425	TRANSISTOR, 2SA1015-Y(TE
Q2106	23114425	TRANSISTOR, 2SA1015-Y(TE
Q2107	23314994	TRANSISTOR, 2SA1576A106
Q2108	23314994	TRANSISTOR, 2SA1576A106
Q2109	23314994	TRANSISTOR, 2SA1576A106
Q4021	23114433	TRANSISTOR, 2SC1815-Y
Q4022	23114425	TRANSISTOR, 2SA1015-Y(TE
Q4203	23114497	TRANSISTOR, RN1406
Q4204	23114499	TRANSISTOR, RN1404
Q4460	70114396	TRANSISTOR, 2SC3326B
Q4461	70114396	TRANSISTOR, 2SC3326B
Q4465	23314994	TRANSISTOR, 2SA1576A106
Q4690	23114433	TRANSISTOR, 2SC1815-Y
Q4700	70114396	TRANSISTOR, 2SC3326B
QA02	23009649	IC, AT24C64A-10PI
QA14	23205045	TRANSISTOR, 2SA1037AKQ
QA27	23904896	IC, JLC1562BF
QA84	23205014	TRANSISTOR, 2SC4667-O
QB02	23114433	TRANSISTOR, 2SC1815-Y
QB30	23114433	TRANSISTOR, 2SC1815-Y
QB40	23205112	TRANSISTOR, 2SA1980UF-Y(
QB41	23205112	TRANSISTOR, 2SA1980UF-Y(
QB42	23205112	TRANSISTOR, 2SA1980UF-Y(
QB43	23205116	TRANSISTOR, 2SC5343UF-Y(B
QB44	23205112	TRANSISTOR, 2SA1980UF-Y(
QB45	23205116	TRANSISTOR, 2SC5343UF-Y(B

Location No.	Parts No.	Description
QB81	70114396	TRANSISTOR, 2SC3326B
QB82	70114396	TRANSISTOR, 2SC3326B
QB83	23314994	TRANSISTOR, 2SA1576A106
QB92	23314993	TRANSISTOR, 2SC4081 Q
QB93	23314994	TRANSISTOR, 2SA1576A106
QB94	23314994	TRANSISTOR, 2SA1576A106
QB95	23314994	TRANSISTOR, 2SA1576A106
QB96	23314994	TRANSISTOR, 2SA1576A106
QF01	23009431	IC, SDA6001 B12
QF02	23906770	IC, BA033FP
QF03	23000904	IC, REGULATOR +2.5V TO252-3, BA25BC0FP
QF04	23009595	IC, IC42S16400-7TT/R
QF05	23009291	IC, RESET 4.0V SMP5, BD4740G-TR
QF06	23314993	TRANSISTOR, 2SC4081 Q
QF07	70114402	TRANSISTOR, 2SC3437-Y
QF08	23314993	TRANSISTOR, 2SC4081 Q
QF09	23205014	TRANSISTOR, 2SC4667-O
QF10	23314558	TRANSISTOR, 2SA1610, Y34
QF11	23314558	TRANSISTOR, 2SA1610, Y34
QF12	23314558	TRANSISTOR, 2SA1610, Y34
QF14	23009501	IC, ROM 512KX16BIT FLASH WR3, X29LV800TMC-90-WR3
QF15	23314994	TRANSISTOR, 2SA1576A106
QF16	23314993	TRANSISTOR, 2SC4081 Q
QF17	23314994	TRANSISTOR, 2SA1576A106
QF18	23314994	TRANSISTOR, 2SA1576A106
QF19	23205014	TRANSISTOR, 2SC4667-O
QF24	23205099	TRANSISTOR, FET VDSS=60V, RK7002
QF25	23205099	TRANSISTOR, FET VDSS=60V, RK7002
QF27	23314993	TRANSISTOR, 2SC4081 Q
QF30	23205099	TRANSISTOR, FET VDSS=60V, RK7002
QF31	23205099	TRANSISTOR, FET VDSS=60V, RK7002
QF33	23205014	TRANSISTOR, 2SC4667-O
QJ02	23000808	IC, LA6500
QS01	23314993	TRANSISTOR, 2SC4081 Q
QS02	23314993	TRANSISTOR, 2SC4081 Q
QS03	23314993	TRANSISTOR, 2SC4081 Q
QS04	23314993	TRANSISTOR, 2SC4081 Q
QS05	70114396	TRANSISTOR, 2SC3326B
QS06	70114396	TRANSISTOR, 2SC3326B
QS07	70114396	TRANSISTOR, 2SC3326B
QS08	70114396	TRANSISTOR, 2SC3326B
QS09	23114493	TRANSISTOR, RN2404
QV01	23906887	IC, CXA2069Q
QV02	23000360	IC, MM1519XQ
QV04	23205116	TRANSISTOR, 2SC5343UF-Y(B
QV09	23205112	TRANSISTOR, 2SA1980UF-Y(
QV12	23114433	TRANSISTOR, 2SC1815-Y
QV14	23205116	TRANSISTOR, 2SC5343UF-Y(B
QV15	23205116	TRANSISTOR, 2SC5343UF-Y(B
QV16	23205116	TRANSISTOR, 2SC5343UF-Y(B
QV17	23205116	TRANSISTOR, 2SC5343UF-Y(B
QV18	23205116	TRANSISTOR, 2SC5343UF-Y(B
QV19	23205116	TRANSISTOR, 2SC5343UF-Y(B
QV20	23205116	TRANSISTOR, 2SC5343UF-Y(B
QX02	70114396	TRANSISTOR, 2SC3326B
QY01	23009303	IC, CMOS MULTI COMB SOP16, TDA9181T/N1,118
QY02	23009178	IC, TB1274AF(J,FP)
QY03	23205112	TRANSISTOR, 2SA1980UF-Y(
QY04	23205112	TRANSISTOR, 2SA1980UF-Y(
QY05	23205112	TRANSISTOR, 2SA1980UF-Y(
QY06	23114433	TRANSISTOR, 2SC1815-Y
QY07	23205116	TRANSISTOR, 2SC5343UF-Y(B
QY08	23205112	TRANSISTOR, 2SA1980UF-Y(
QY09	23205116	TRANSISTOR, 2SC5343UF-Y(B
QY10	23205112	TRANSISTOR, 2SA1980UF-Y(

Location No.	Parts No.	Description
QY11	23205112	TRANSISTOR, 2SA1980UF-Y(
QY12	23205112	TRANSISTOR, 2SA1980UF-Y(
QY13	23205014	TRANSISTOR, 2SC4667-O
QY14	23205014	TRANSISTOR, 2SC4667-O
QY15	23314994	TRANSISTOR, 2SA1576A106
QY101	23314292	TRANSISTOR, 2SC4116-Y
QY601	23000548	IC, TA1304N
QY602	23114433	TRANSISTOR, 2SC1815-Y
QY604	23114623	TRANSISTOR, 2SC2878-A(TEM
QY605	23114425	TRANSISTOR, 2SA1015-Y(TE
QY606	23114478	TRANSISTOR, RN2004
D101	23316755	DIODE, ZENER, MTZJ33C
D120	23316675	DIODE, ZENER, MTZJ6.2B
D216	23316688	DIODE, ZENER, MTZJ9.1C
D218	23316688	DIODE, ZENER, MTZJ9.1C
D220	23316688	DIODE, ZENER, MTZJ9.1C
D221	23357037	DIODE, ZENER, UDZS5.6B
D222	23357037	DIODE, ZENER, UDZS5.6B
D223	23357037	DIODE, ZENER, UDZS5.6B
D240	23118859	DIODE, 1SS133
D301	23357366	DIODE, FR105-B5
D302	23357366	DIODE, FR105-B5
D312	23316231	DIODE, 1SS355
D318	23118859	DIODE, 1SS133
D321	23316754	DIODE, ZENER, MTZJ33B
D327	23316715	DIODE, ZENER, MTZJ11A
D330	23316794	DIODE, SC570A
D365	23316678	DIODE, ZENER, MTZJ6.8B
D372	23118859	DIODE, 1SS133
D373	23118859	DIODE, 1SS133
D374	23316716	DIODE, ZENER, MTZJ11B
D404	23224366	DIODE, FMQ-3GU
D406	23357366	DIODE, FR105-B5
D408	23357366	DIODE, FR105-B5
D412	23357366	DIODE, FR105-B5
D413	23118859	DIODE, 1SS133
D414	23357366	DIODE, FR105-B5
D415	23357366	DIODE, FR105-B5
D419	23316716	DIODE, ZENER, MTZJ11B
D421	23316680	DIODE, ZENER, MTZJ7.5A
D422	23316720	DIODE, ZENER, MTZJ12C
D431	23316670	DIODE, ZENER, MTZJ5.1C
D432	23316671	DIODE, ZENER, MTZJ5.6A
D436	23118859	DIODE, 1SS133
D439	23316690	DIODE, ZENER, MTZJ10B
D462	23316725	DIODE, ZENER, MTZJ15B
D465	23357366	DIODE, FR105-B5
D466	23316688	DIODE, ZENER, MTZJ9.1C
D469	23118859	DIODE, 1SS133
D470	23316720	DIODE, ZENER, MTZJ12C
D472	23357366	DIODE, FR105-B5
D475	23316720	DIODE, ZENER, MTZJ12C
D476	23118859	DIODE, 1SS133
D485	23316688	DIODE, ZENER, MTZJ9.1C
D489	23357171	DIODE, ZENER, UDZSTE-17 9.1B
D490	23118859	DIODE, 1SS133
D499	23316231	DIODE, 1SS355
D502	23316231	DIODE, 1SS355
D520	23118641	DIODE, ZENER, RD2.0ESA B2
D530	23316588	DIODE, ZENER, MA8091-M
D601	23316231	DIODE, 1SS355
D602	23316231	DIODE, 1SS355
D603	23316231	DIODE, 1SS355
D604	23316231	DIODE, 1SS355
D608	23316231	DIODE, 1SS355
D609	23316231	DIODE, 1SS355
D611	23316231	DIODE, 1SS355

Location No.	Parts No.	Description
D612	23316231	DIODE, 1SS355
D613	23316231	DIODE, 1SS355
D617	23316231	DIODE, 1SS355
D618	23316231	DIODE, 1SS355
D619	23316231	DIODE, 1SS355
D620	23316740	DIODE, ZENER, MTZ J 22D
D631	23316231	DIODE, 1SS355
D632	23316231	DIODE, 1SS355
D704	23118859	DIODE, 1SS133
D705	23118859	DIODE, 1SS133
D715	23118859	DIODE, 1SS133
D721	23118859	DIODE, 1SS133
D801	23357041	DIODE, LN6SB60-F05
D801A	23476068	HEAT SINK, ASSEM D801
D801B	72471082	SCREW, 3X10MM
D803	23316672	DIODE, ZENER, MTZJ5.6B
D804	23316725	DIODE, ZENER, MTZJ15B
D805	23357012	DIODE, 1SS244
D806	23357366	DIODE, FR105-B5
D807	23316746	DIODE, ZENER, MTZJ27B
D810	23316738	DIODE, ZENER, MTZJ22B
D811	23118859	DIODE, 1SS133
D815	23316754	DIODE, ZENER, MTZJ33B
D818	23316738	DIODE, ZENER, MTZJ22B
D821	23118859	DIODE, 1SS133
D828	23118859	DIODE, 1SS133
D830	23316714	DIODE, RL2Z
D831	23316714	DIODE, RL2Z
D832	23316672	DIODE, ZENER, MTZJ5.6B
D835	23118859	DIODE, 1SS133
D836	23357366	DIODE, FR105-B5
D837	23118859	DIODE, 1SS133
D839	23316672	DIODE, ZENER, MTZJ5.6B
D840	23316391	DIODE, D3SB60(4103)
D841	23118859	DIODE, 1SS133
D842	23316724	DIODE, ZENER, MTZJ15A
D843	23316463	DIODE, RK46
D845	23316672	DIODE, ZENER, MTZJ5.6B
D847	23316670	DIODE, ZENER, MTZJ5.1C
D848	23316675	DIODE, ZENER, MTZJ6.2B
D849	23316686	DIODE, ZENER, MTZJ9.1A
D850	23316269	DIODE, AK04
D851	23316678	DIODE, ZENER, MTZJ6.8B
D854	23118859	DIODE, 1SS133
D855	23316675	DIODE, ZENER, MTZJ6.2B
D872	23316754	DIODE, ZENER, MTZJ33B
D883	23316803	DIODE, FMU-G16S
D891	23316184	DIODE, FML-G12S
D892	23316184	DIODE, FML-G12S
D892	23316672	DIODE, ZENER, MTZJ5.6B
D893	23316672	DIODE, ZENER, MTZJ5.6B
D894	23357366	DIODE, FR105-B5
D896	23316714	DIODE, RL2Z
D899	24000656	VARISTOR, TNR15G471K
D907	23118859	DIODE, 1SS133
D908	23118859	DIODE, 1SS133
D909	23118859	DIODE, 1SS133
D911	23115337	DIODE, 1S1834
D916	23357012	DIODE, 1SS244
D917	23357012	DIODE, 1SS244
D918	23357012	DIODE, 1SS244
D919	23357012	DIODE, 1SS244
D921	23115337	DIODE, 1S1834
D926	23357012	DIODE, 1SS244
D927	23357012	DIODE, 1SS244
D928	23357012	DIODE, 1SS244
D929	23357012	DIODE, 1SS244

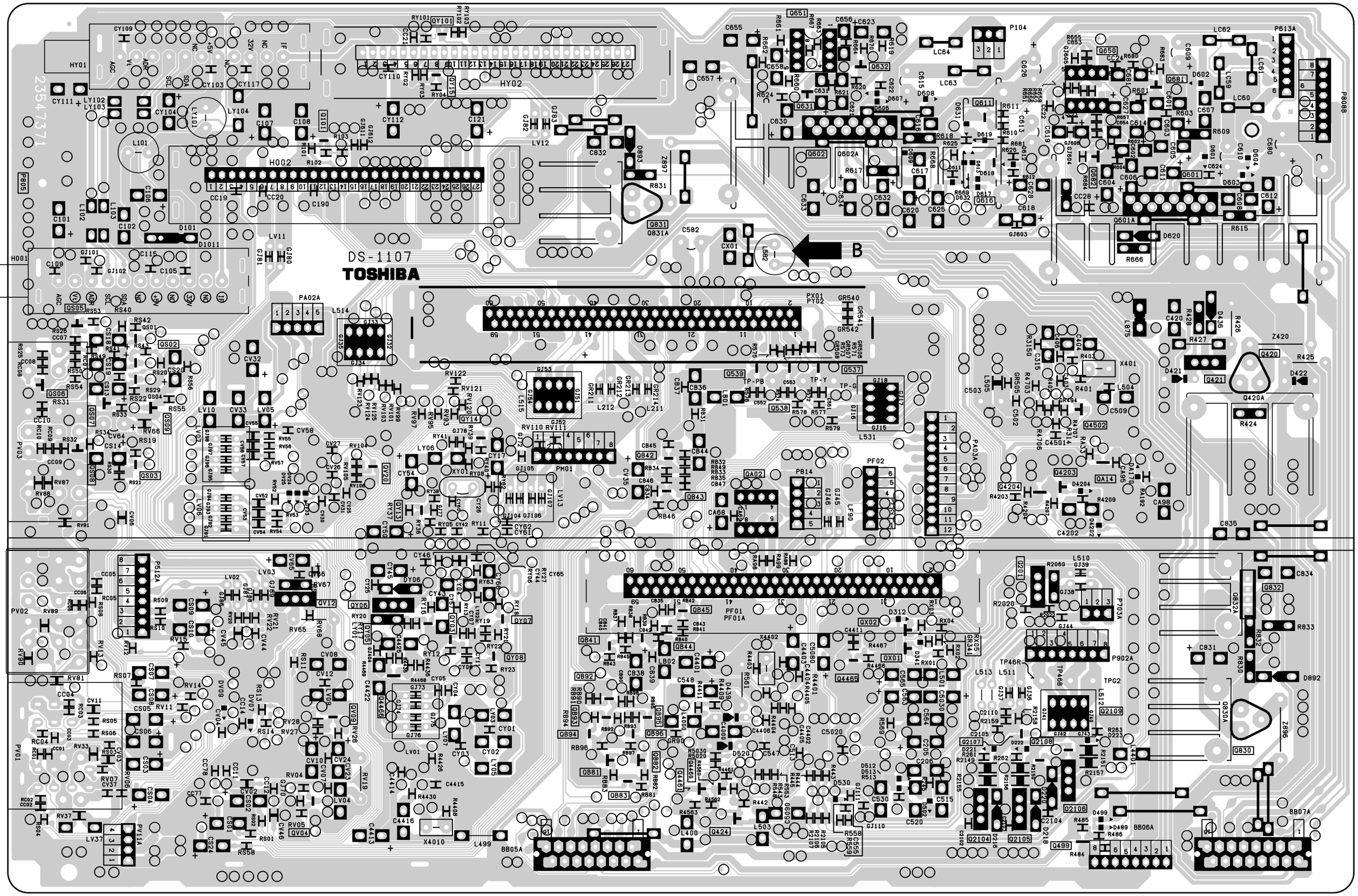
Location No.	Parts No.	Description
D949	23357012	DIODE, 1SS244
D950	23357012	DIODE, 1SS244
D951	23357012	DIODE, 1SS244
D952	23357012	DIODE, 1SS244
D3030	23357366	DIODE, FR105-B5
D4202	23316231	DIODE, 1SS355
D4204	23316538	DIODE, ZENER, MA8033-L, TX
DA170	23316575	DIODE, ZENER, MA8062-H
DB01	23358564	DIODE, LED, SLR-56VC3FPQ
DB01B	23960136	ADHESIVE, SILICONE, TSE3843-W
DB02	23358563	DIODE, LED, SLR-56MC3FPQR
DB02B	23960136	ADHESIVE, SILICONE, TSE3843-W
DB03	23316672	DIODE, ZENER, MTZJ5.6B
DB04	23316792	DIODE, SC215
DB05	23118859	DIODE, 1SS133
DV09	23316591	DIODE, ZENER, MA8100-M
DY06	23316673	DIODE, ZENER, MTZJ5.6C
DY601	23118859	DIODE, 1SS133
DY602	23118859	DIODE, 1SS133
DY603	23316690	DIODE, ZENER, MTZJ10B
MISCELLANEOUS		
B102	23974994	BAND, KESSOKU
B207	23037312	SCREW, BTBW3X12SZN
B212	23845859	HOLDER, WIRE, PVC-C0AT, L=70MM
B214	23037312	SCREW, BTBW3X12SZN
BB05A	23713201	CONNECTOR, PLUG B-B 16P
BB05B	23713202	CONNECTOR, SOCKET B-B 16P
BB06B	23903022	CONNECTOR, BASE B-B 8P 2.5 JST
BB07A	23713201	CONNECTOR, PLUG B-B 16P
BB07B	23713202	CONNECTOR, SOCKET B-B 16P
BM01	23148071	MODULE, BRIDGE MEDIA, MBMC01
E503	23974994	BAND, KESSOKU
E907	23198692	WIRE, CRT EARTH 36ZP50
E912	23528016	RUBBER, WEDGE, MEDIUM W10H15L50, TRWMED01T
E920	23845564	CLAMPER, ANODE CLAMPER, P17CD39
⚠ F470	23144724	FUSE, CARTRIDGE 5.2X20, 250V 1.25A
F470A	23165433	FUSE HOLDER, 5.2 SOC
⚠ F801	23144720	FUSE, CARTRIDGE 5.2X20, 250V 5.0A
F801A	23165433	FUSE HOLDER, 5.2 SOC
⚠ F802	23144508	FUSE, CARTRIDGE 5.2X20, 250V 4.0A
F802A	23165433	FUSE HOLDER, 5.2 SOC
⚠ F803	23144650	FUSE, CARTRIDGE 5X20, 250V 2.0A
F803A	23165433	FUSE HOLDER, 5.2 SOC
G301	23103894	FILTER, FERRITE BEAD, TEM2011AW
G400	24946561	CARBON COMPOSITION, 1/2W 560 OHM K
G403	24946561	CARBON COMPOSITION, 1/2W 560 OHM K
G410	23316731	DIODE, ZENER, MTZJ18B
G413	23103894	FILTER, FERRITE BEAD, TEM2011AW
G430	23357366	DIODE, FR105-B5
G499	24693122	PLASTIC FILM, 100V 1200PF J
G812	23103894	FILTER, FERRITE BEAD, TEM2011AW
G837	23103894	FILTER, FERRITE BEAD, TEM2011AW
G850	23103894	FILTER, FERRITE BEAD, TEM2011AW
G891	23248297	COIL, CHOKE, TLN3481GH
G908	24366560	CARBON FILM, 1/6W 56 OHM J
G914	23118859	DIODE, 1SS133
G915	23118859	DIODE, 1SS133
G923	24366560	CARBON FILM, 1/6W 56 OHM J
G924	23118859	DIODE, 1SS133
G925	23118859	DIODE, 1SS133
G941	24366560	CARBON FILM, 1/6W 56 OHM J
G947	23118859	DIODE, 1SS133
G948	23118859	DIODE, 1SS133
G951	24366102	CARBON FILM, 1/6W 1K OHM J
G966	24366102	CARBON FILM, 1/6W 1K OHM J

Location No.	Parts No.	Description
G9880	24366102	CARBON FILM, 1/6W 1K OHM J
GJ72	24000445	CHIP JUMPER, 1608TYPE
GJ73	24000445	CHIP JUMPER, 1608TYPE
GJ74	24000445	CHIP JUMPER, 1608TYPE
GJ75	24000445	CHIP JUMPER, 1608TYPE
GJ76	24000445	CHIP JUMPER, 1608TYPE
GJ101	24000445	CHIP JUMPER, 1608TYPE
GJ110	24000445	CHIP JUMPER, 1608TYPE
GJ404	24000445	CHIP JUMPER, 1608TYPE
GJ603	24000445	CHIP JUMPER, 1608TYPE
GJ604	24000445	CHIP JUMPER, 1608TYPE
GJ605	24000445	CHIP JUMPER, 1608TYPE
GJ606	24000445	CHIP JUMPER, 1608TYPE
GJ611	24000445	CHIP JUMPER, 1608TYPE
GR341	24000445	CHIP JUMPER, 1608TYPE
GR541	24000445	CHIP JUMPER, 1608TYPE
GR542	24000445	CHIP JUMPER, 1608TYPE
GR90	24000445	CHIP JUMPER, 1608TYPE
GRV01	24000445	CHIP JUMPER, 1608TYPE
H002	23148046	IF MODULE, ASIA WOW MSP3410G, MVCS52
HY01A	23379844	CABLE, PHONO PLUG 2C-2V
HY02	23148768	MODULE, IF, MVCM34
J301A	23960136	ADHESIVE, SILICONE, TSE3843-W
J301B	23960136	ADHESIVE, SILICONE, TSE3843-W
J402A	23960136	ADHESIVE, SILICONE, TSE3843-W
KB01	23000852	IC, REMOTE PHOTO RECEIVER, PIC-37043TE2
M461A	23192957	ANODE CAP ASSY, TCC5602AT
M461B	23509111	FOCUS CABLE
M461C	23509372	CABLE ASSY, SCREEN
N724	23965900	TAPE, GLASS-CLOTH, W/ADHESIVE W=18 T=0.18
N728	23960101	SILICONE RUBBER, TSE-382 RTV
P104	23368577	CONNECTOR, PLUG, 3P 2.5MM G JST-EH, B3B-EH-F1-TV4
P301A	23368577	CONNECTOR, PLUG, 3P 2.5MM G JST-EH, B3B-EH-F1-TV4
P301B	23368577	CONNECTOR, PLUG, 3P 2.5MM G JST-EH, B3B-EH-F1-TV4
P512A	23367068	CONNECTOR, PLUG 8P, 2.5MM G JST-EH, B8B-EH-F1-TV4
P512B	23367068	CONNECTOR, PLUG 8P, 2.5MM G JST-EH, B8B-EH-F1-TV4
P611	23368578	CONNECTOR, PLUG 4P, 2.5MM G JST-EH, B4B-EH-F1-TV4
P613A	23368580	CONNECTOR, PLUG 6P, 2.5MM G JST-EH, B6B-EH-F1-TV4
P613B	23368580	CONNECTOR, PLUG 6P, 2.5MM G JST-EH, B6B-EH-F1-TV4
P661	23365500	EARPHON JACK
P703A	23368577	CONNECTOR, PLUG, 3P 2.5MM G JST-EH, B3B-EH-F1-TV4
P703B	23368577	CONNECTOR, PLUG, 3P 2.5MM G JST-EH, B3B-EH-F1-TV4
P704A	23368578	CONNECTOR, PLUG 4P, 2.5MM G JST-EH, B4B-EH-F1-TV4
P704B	23368578	CONNECTOR, PLUG 4P, 2.5MM G JST-EH, B4B-EH-F1-TV4
P800	23368013	CONNECTOR, PLUG, 2P 11.88MM W VT-JST
⚠ P801	23372246	POWER CORD, SAA AC250V 7.5A
P801B	23103839	FERRITE CORE, TFE1012
P806A	23368578	CONNECTOR, PLUG 4P, 2.5MM G JST-EH, B4B-EH-F1-TV4
P806B	23368578	CONNECTOR, PLUG 4P, 2.5MM G JST-EH, B4B-EH-F1-TV4

Location No.	Parts No.	Description
P807A	23368577	CONNECTOR, PLUG, 3P 2.5MM G JST-EH, B3B-EH-F1-TV4
P807B	23368577	CONNECTOR, PLUG, 3P 2.5MM G JST-EH, B3B-EH-F1-TV4
P808A	23367068	CONNECTOR, PLUG 8P, 2.5MM G JST-EH, B8B-EH-F1-TV4
P808B	23367068	CONNECTOR, PLUG 8P, 2.5MM G JST-EH, B8B-EH-F1-TV4
P902A	23367068	CONNECTOR, PLUG 8P, 2.5MM G JST-EH, B8B-EH-F1-TV4
P902B	23367068	CONNECTOR, PLUG 8P, 2.5MM G JST-EH, B8B-EH-F1-TV4
P904A	23367069	CONNECTOR, PLUG, NP 2.5MM G JST-EH, B9B-EH-F1A
P904B	23367069	CONNECTOR, PLUG, NP 2.5MM G JST-EH, B9B-EH-F1A
P910	23164725	CONNECTOR, PLUG 2P
PA02A	23368579	CONNECTOR, PLUG 5P, 2.5MM G JST-EH, B5B-EH-F1-TV4
PA02B	23368579	CONNECTOR, PLUG 5P, 2.5MM G JST-EH, B5B-EH-F1-TV4
PA03A	23367072	CONNECTOR, PLUG, NP 2.5MM G JST-EH, B12B-EH-F1A
PA03B	23367072	CONNECTOR, PLUG, NP 2.5MM G JST-EH, B12B-EH-F1A
PB01A	23368580	CONNECTOR, PLUG 6P, 2.5MM G JST-EH, B6B-EH-F1-TV4
PB14	23368579	CONNECTOR, PLUG 5P, 2.5MM G JST-EH, B5B-EH-F1-TV4
PF01	23023181	PLUG, PLUG 60P TKD PB 236901260B4
PF01	23903176	SOCKET, 60P TKD, 136901160W4
PF02	23368580	CONNECTOR, PLUG 6P, 2.5MM G JST-EH, B6B-EH-F1-TV4
PJ901	23368577	CONNECTOR, PLUG, 3P 2.5MM G JST-EH, B3B-EH-F1-TV4
PM01	23367068	CONNECTOR, PLUG 8P, 2.5MM G JST-EH, B8B-EH-F1-TV4
PV01	23023092	JACK, PIN 1S6P SMK, LAP5120-0204F
PV02	23023040	CONNECTOR, JACK, PIN 6P
PV03	23023021	CONNECTOR, JACK, PIN 8P
PV11A	23368578	CONNECTOR, PLUG 4P, 2.5MM G JST-EH, B4B-EH-F1-TV4
PV11B	23368578	CONNECTOR, PLUG 4P, 2.5MM G JST-EH, B4B-EH-F1-TV4
PX01	23903176	SOCKET, 60P TKD, 136901160W4
PY02	23148072	SCAN CONVERTER MODUL, G.HYPER, MVPC41
PY630	23365500	EARPHON JACK
⚠ S801	23344481	SWITCH, POWER, AAPY2211
SA01	23145430	SWITCH, PUSH, SKHHLMA010
SA02	23145430	SWITCH, PUSH, SKHHLMA010
SA03	23145430	SWITCH, PUSH, SKHHLMA010
SA04	23145430	SWITCH, PUSH, SKHHLMA010
SA05	23145430	SWITCH, PUSH, SKHHLMA010
SA06	23145430	SWITCH, PUSH, SKHHLMA010
SR42	23146558	RELAY, DC12V SILENT, DJ12D1-O(M)-Q
⚠ SR81	23146573	RELAY, DC12V 0.53W, OMR G5PA-1-M
⚠ SR82	23146564	RELAY, DC12V, TV5, DG-3
⚠ SR83	23146571	RELAY, DG12D2-0(M), DAIGAE, 23146570 OMR
⚠ V901A	23903147	SOCKET, ISH46S-E ICE 29MM
V901B	23102508	MAGNET, RUBBER MAGNET CHEVRON, MAG4009
V901M	23102465	CONVERGENCE MAGNET, 32.5D4 LEAD, MAG-1108
W661	23351145	SPEAKER, SPK1402, 80X120 8-OHM 12W
W662	23351145	SPEAKER, SPK1402, 80X120 8-OHM 12W
W663	23351194	SPEAKER, SPK1392BO
X4010	23153721	CERAMIC RESONATOR, 503KHZ
X4402	23153721	CERAMIC RESONATOR, 503KHZ
XF01	23153552	CRYSTAL RESONATOR, 6MHZ 50PPM CRYSTAL
XY01	23153438	CRYSTAL, 16.200 25PPM 25OHM
Z301	23110854	COMPOSITE PARTS, TPA6033CH
Z401	23140203	SPARK GAP, 2.0-3.0KV C-010, AG20PC152F-L3N
Z420	23144539	PROTECTOR, 491SERIES, 125V 2A
Z430	23144536	PROTECTOR, 491SERIES, 125V 1A
Z889	23144543	PROTECTOR, 491SERIES, 125V 5A
Z890	23144543	PROTECTOR, 491SERIES, 125V 5A
Z891	23144543	PROTECTOR, 491SERIES, 125V 5A
Z892	23144543	PROTECTOR, 491SERIES, 125V 5A
Z896	23144539	PROTECTOR, 491SERIES, 125V 2A
Z897	23144539	PROTECTOR, 491SERIES, 125V 2A
PC BOARD ASSEMBLIES		
✻ U101	23788830	M2 MAIKON BOARD, PD1291A
✻ U901	23788831	CRT-D BOARD, PD1292A
✻ U902	23788832	SIGNAL BOARD, PD1293A
✻ U903	23788833	POWER BOARD, PD1294A
✻ U904	23788834	DEF BOARD, PD1295A
✻ U905A	23788835	CONTROL BOARD, PD1296A-1
✻ U905B	23788836	LED/RMT BOARD, PD1296A-2
PICTURE TUBE		
⚠ V901	23312985	PICTURE TUBE, 34VPFWRACDF3STP7, S86LYC450X
TUNER		
H001	23321415	TUNER, ASIA HYPER FS DEV, TEDE9-710A
HY01	23321384	TUNER, ECA321LX2, ASIA MLT IICPLL P-J, ALPS
ACCESSORIES		
K902	23306512	REMOCON HAND UNIT IR, CTV, CT-90170
Y101	23565346	OWNER'S MANUAL, ENGLISH, 36SW9UA
CABINET PARTS		
A201	23532056	COVER, FRONT COVER ASSY, 36SW9UA
A205	23802275	BOX, SPEAKER RIGHT
A208	23802203	BOX, SPEAKER LEFT
⚠ A401	23530261	BACK COVER (NO SERVICE PART)
A434	23845856	WIRE CLAMP, POF COAT) L=70MM
A509	23929458	PIECE, WASHER T=1.5 ZP50
A510	23929459	PIECE, WASHER T=2.0 ZP50
A511	23929457	PIECE, WASHER T=1.0 ZP50
A512	23929456	PIECE, WASHER T=0.5 ZP50
A525	23037312	SCREW, BTBW3X12SZN
A701A	23067350	CARTON, TOP CASE, 36SW9UA
A701B	23067349	CARTON, BOTTOM CASE
A702A	23946563	PACKING, TOP PACKING
A702B	23946564	PACKING, BOTTOM PACKING
A703	23531074	PACKING, HOGO SHEET
A704	23943618	BAG, POLYETHYLENE
A705	23531099	PACKING, PACKING SHEET
A903	23929657	PIECE, HOLDER BUTTON
A915	23428222	DOOR, DOOR L, 36SW9UA
A916	23428220	DOOR, DOOR PROPER, 36SW9UA
A917	23451976	PUSH CATCH, CLICK
A918	23445748	BUTTON, BUTTON POWER, 36SW9UA
A922	23037312	SCREW, BTBW3X12SZN
A924	23436814	HANDLE, HANDLE

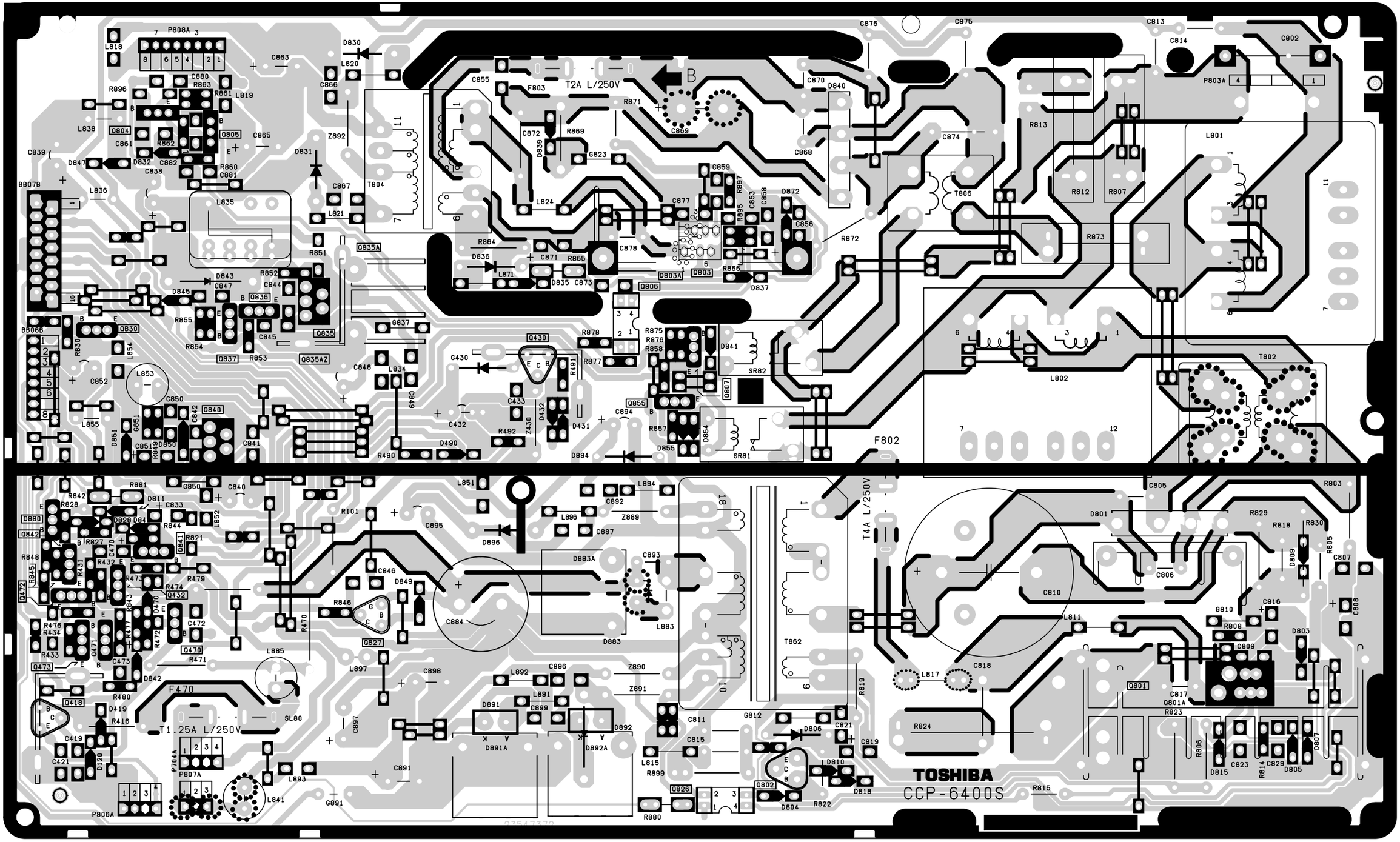
SIGNAL BOARD PD1293A

BOTTOM (FOIL) SIDE



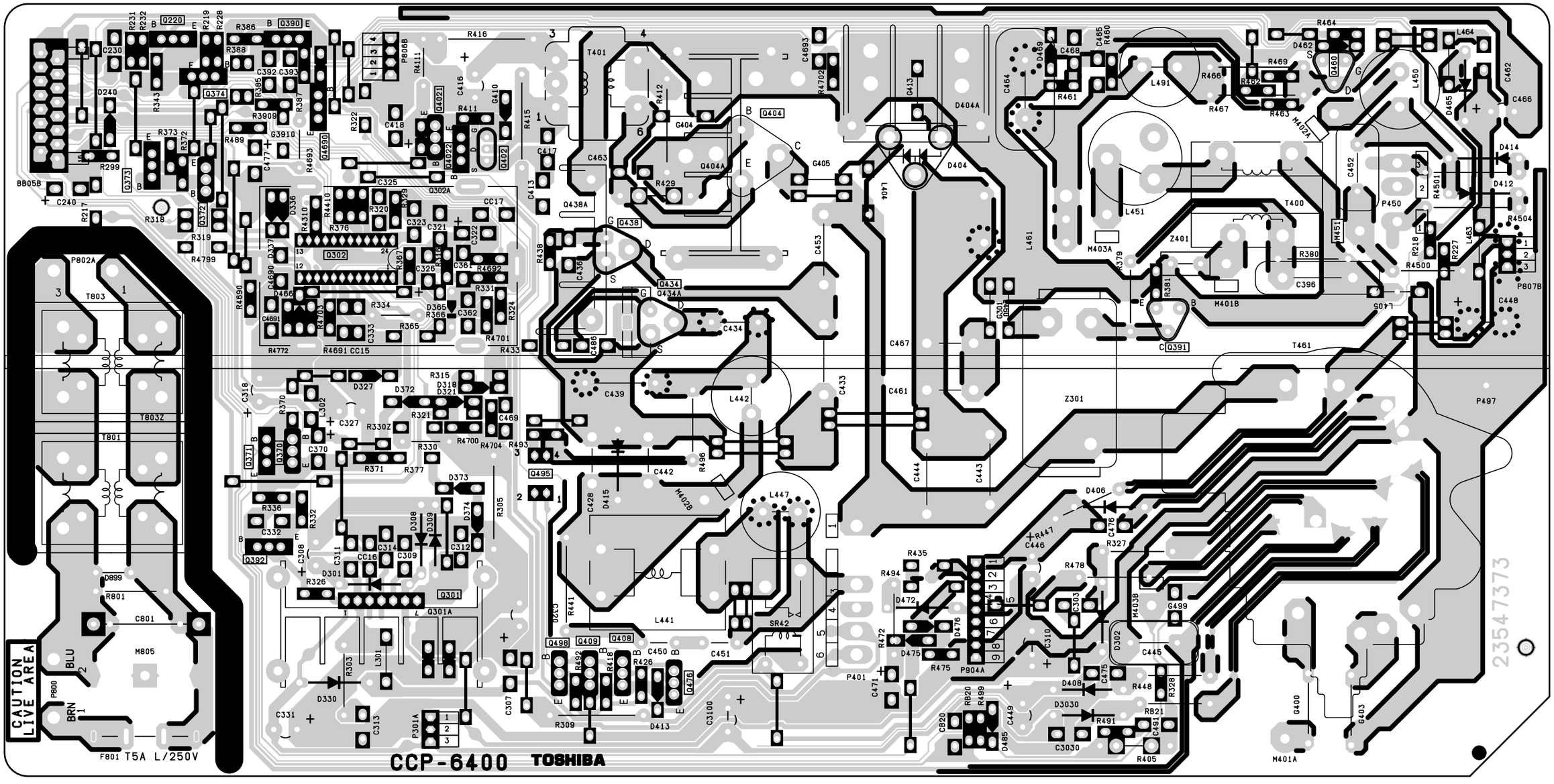
POWER BOARD PD1294A

BOTTOM (FOIL) SIDE



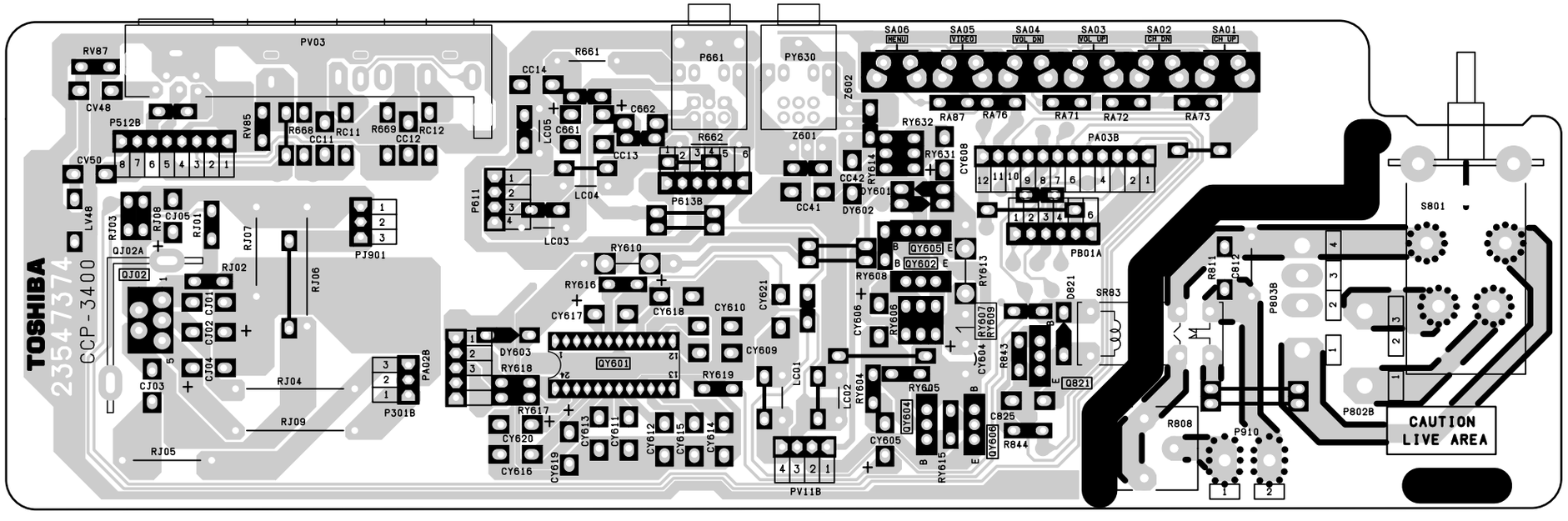
DEF BOARD PD1295A

BOTTOM (FOIL) SIDE



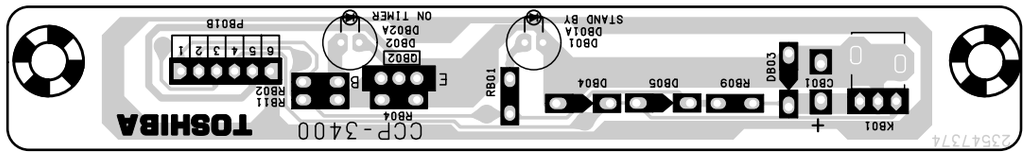
CONTROL BOARD PD1296A-1

BOTTOM (FOIL) SIDE



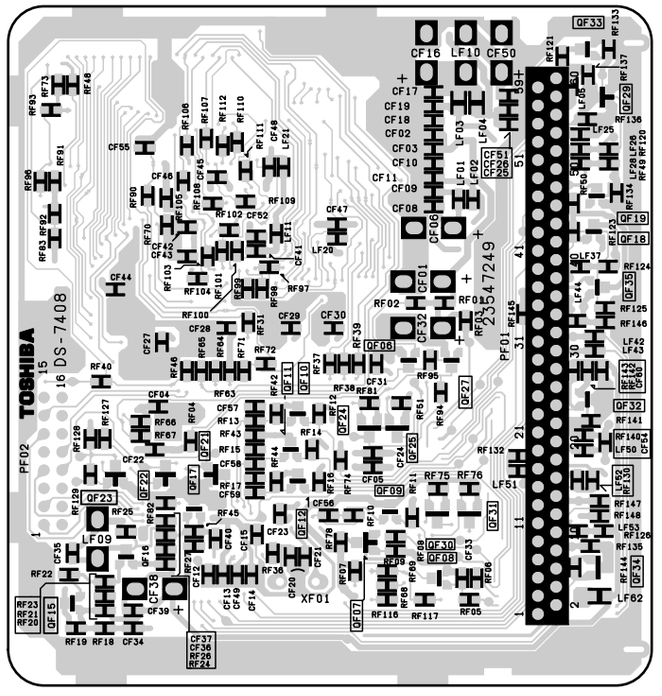
LED/RMT BOARD PD1296A-2

BOTTOM (FOIL) SIDE



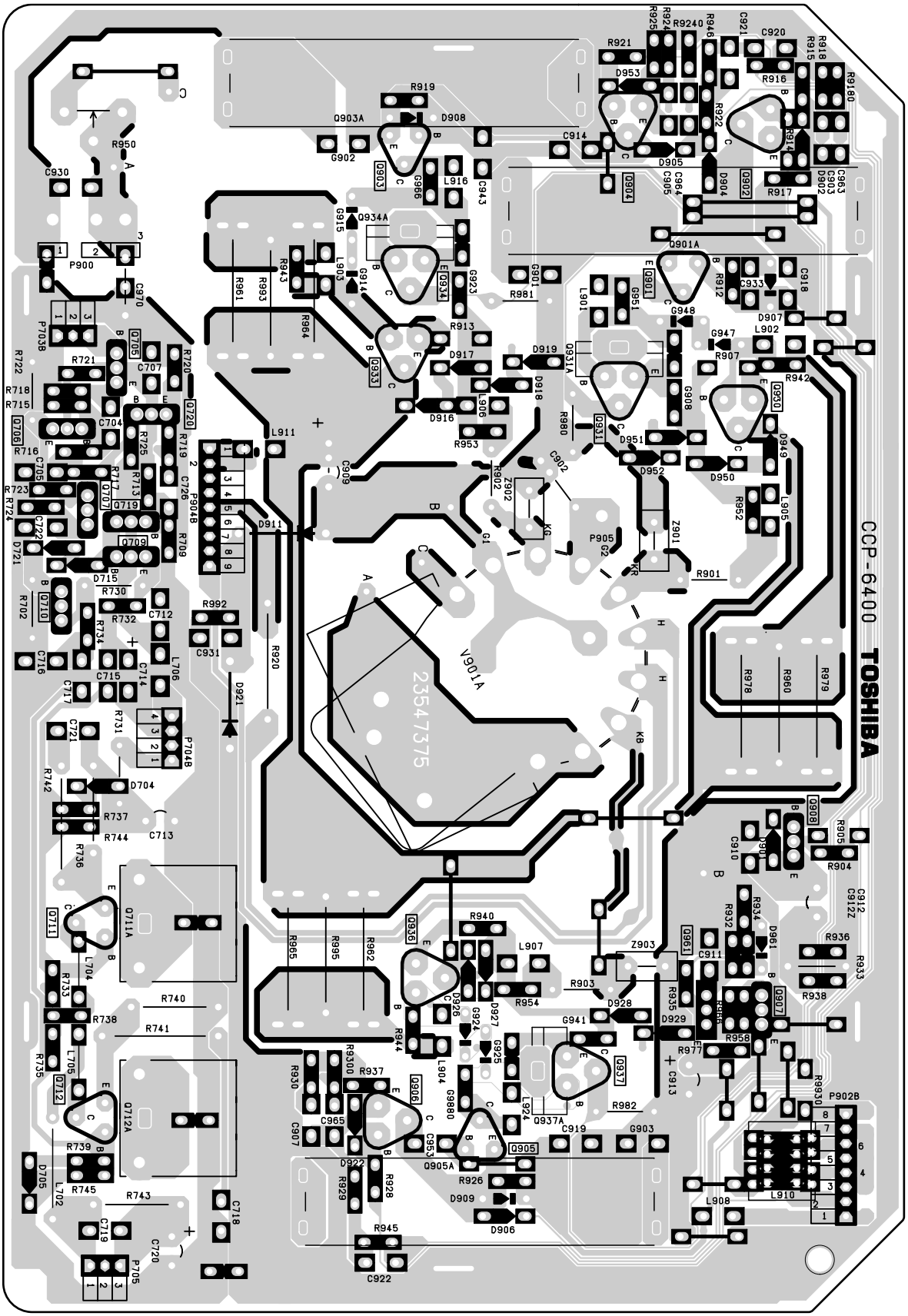
M2 MAIKON BOARD PD1291A

BOTTOM (FOIL) SIDE



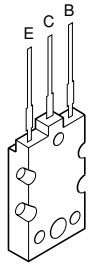
CRT-D BOARD PD1292A

BOTTOM (FOIL) SIDE

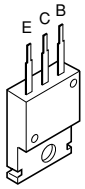


TERMINAL VIEW OF TRANSISTORS

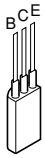
① 2SD2253
(old)
2SC5243



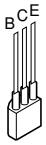
② 2SC3852
2SD1763A
2SC1569
2SC4544
2SA1788
2SA1306
2SA1186A



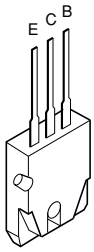
③ 2SC752GTM
2SC2482
2SC2655
2SC4721P



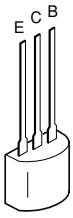
④ 2SC752
2SA562TM
2SA1015
2SC1815
2SC2878
2SC1740S
2SC2120
2SA9335



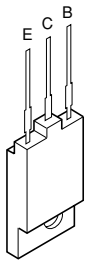
⑤ 2SA1788



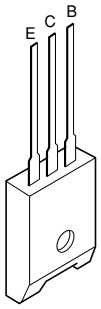
⑥ RN2203
RN2201
RN2004
RN1203
RN1204
RN2204
RN1205
RN1202
RN1201



⑦ 2SD1554
2SD2253
2SD1556
2SC5143
2SD2553
2SC5570



⑧ ON4409



SCHEMATIC DIAGRAM

MODEL : 36SW9UA

WARNING: BEFORE SERVICING THIS CHASSIS, READ THE "X-RAY RADIATION PRECAUTION", "SAFETY PRECAUTION" AND "PRODUCT SAFETY NOTICE" ON THE MANUAL FOR THIS MODEL.

CAUTION: The international hazard symbols "⚠" in the schematic diagram and the parts list designate components which have special characteristics important for safety and should be replaced only with types identical to those in the original circuit or specified in the parts list. The mounting position of replacements is to be identical with originals. Before replacing any of these components, read carefully the PRODUCT SAFETY NOTICE on the MANUAL for this model. Do not degrade the safety of the receiver through improper servicing.

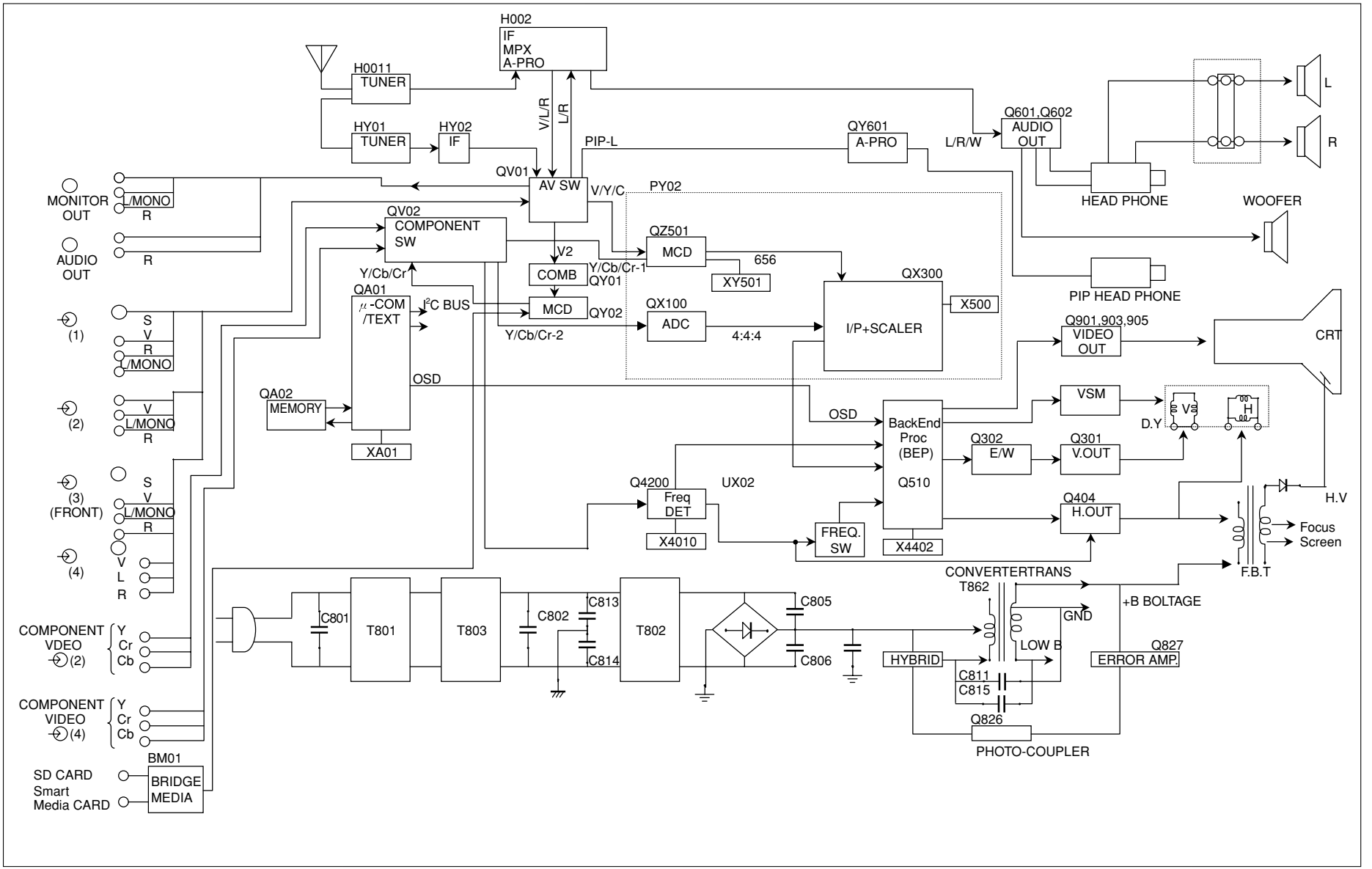
NOTE:

1. RESISTOR Resistance is shown in ohm [K = 1.000, M = 1.000.000]. All resistors are 1/6W and 5% tolerance carbon resistor, unless otherwise noted as the following marks.
   1/2R = Metal or Metal oxide of 1/2 watt 1/2S = Carbon compsistion of 1/2 watt
   1RF = Fuse resistor of 1 watt 10W = Cement of 10 watt
   K = ±10% G = ±2% F = ±1%
2. CAPACITOR Unless otherwise noted in schematic, all capacitor values less than 1 are expressed in μF, and the values more than 1 in pF.
   All capacitors are ceramic 50V, unless otherwise noted as the following marks.
   —|(+)|— Electolytic capacitor —|(M)|— Mylar capacitor
3. The parts indicated with " ⚠ " have special characteristics, and should be replaced with identical parts only.
4. Voltages read with DIGITAL MULTI-METER from point indicated to chassing ground, using a color bar signal with all controls at normal, line voltage 220 volts.
5. Waveforms are taken receiving color bar signal with enough sensitivity.
6. Voltage reading shown are nominal values and may vary ±20% except H.V.

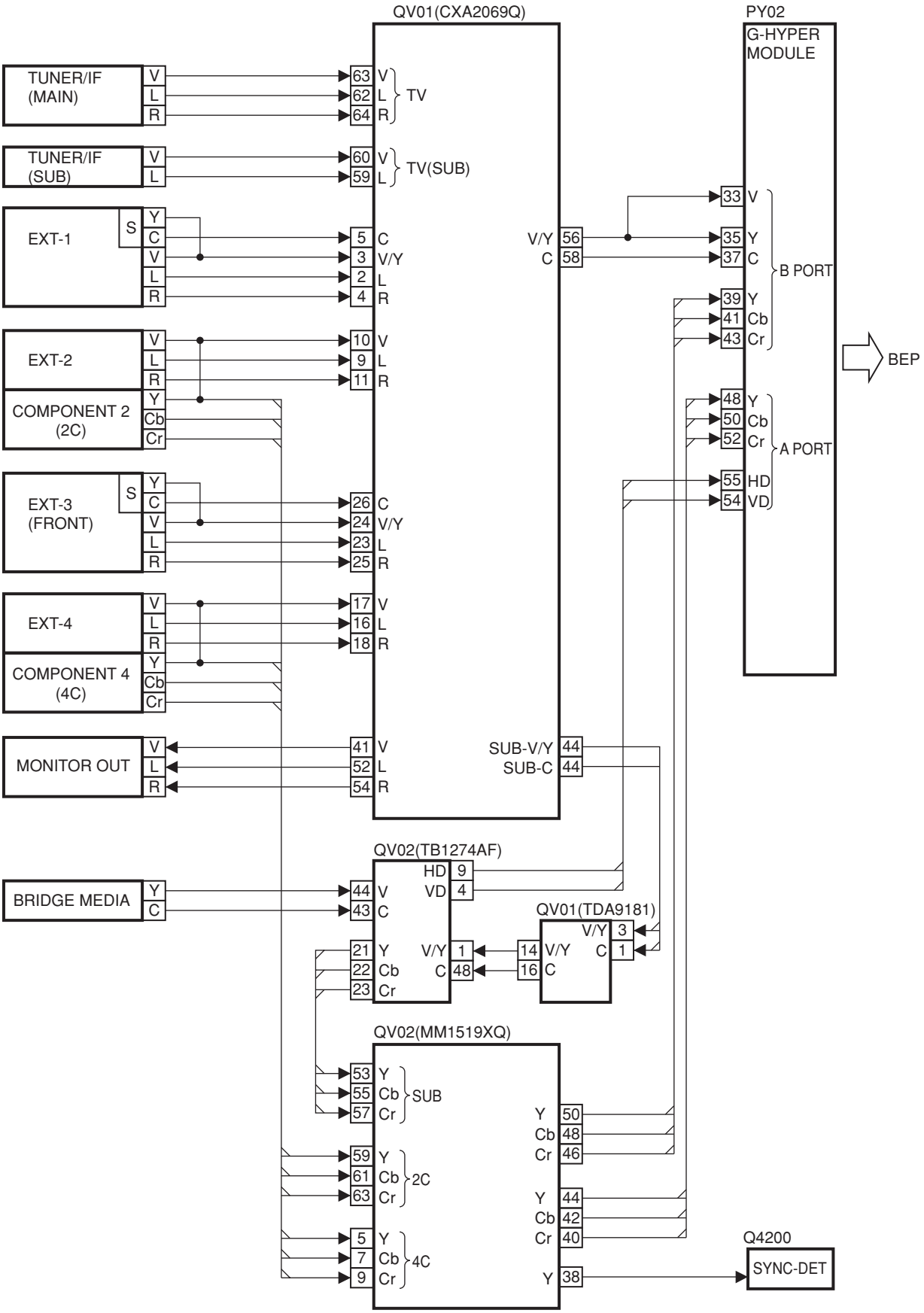
■ SCHEMATIC DIAGRAM STRUCTURE:

- SIGNAL Circuit
  - MICON [SHEET - 1/9] 1/19
  - ASIA IF [SHEET - 2/9] 2/19
  - AV [SHEET - 3/9] 3/19
  - BEP [SHEET - 4/9] 4/19
  - G-HYPER&DFS [SHEET - 5/9] 5/19
  - SOUND [SHEET - 6/9] 6/19
  - FREQ_DET & EXPANDER [SHEET - 7/9] 7/19
  - REGU-OUT [SHEET - 8/9] 8/19
  - (9/9) [SHEET - 9/9] 9/19
- DEF Circuit
  - (1/4) [SHEET - 1/4] 10/19
  - E&W / DET [SHEET - 2/4] 11/19
  - (3/4) [SHEET - 3/4] 12/19
  - (4/4) [SHEET - 4/4] 13/19
- CRT D / SVM Circuit
  - (1/2) [SHEET - 1/2] 14/19
  - (2/2) [SHEET - 2/2] 15/19
- EPG-M2 Circuit
  - (1/2) [SHEET - 1/2] 16/19
  - (2/2) [SHEET - 2/2] 17/19
- POWER Circuit 18/19
- LED / CONTROL Circuit 19/19

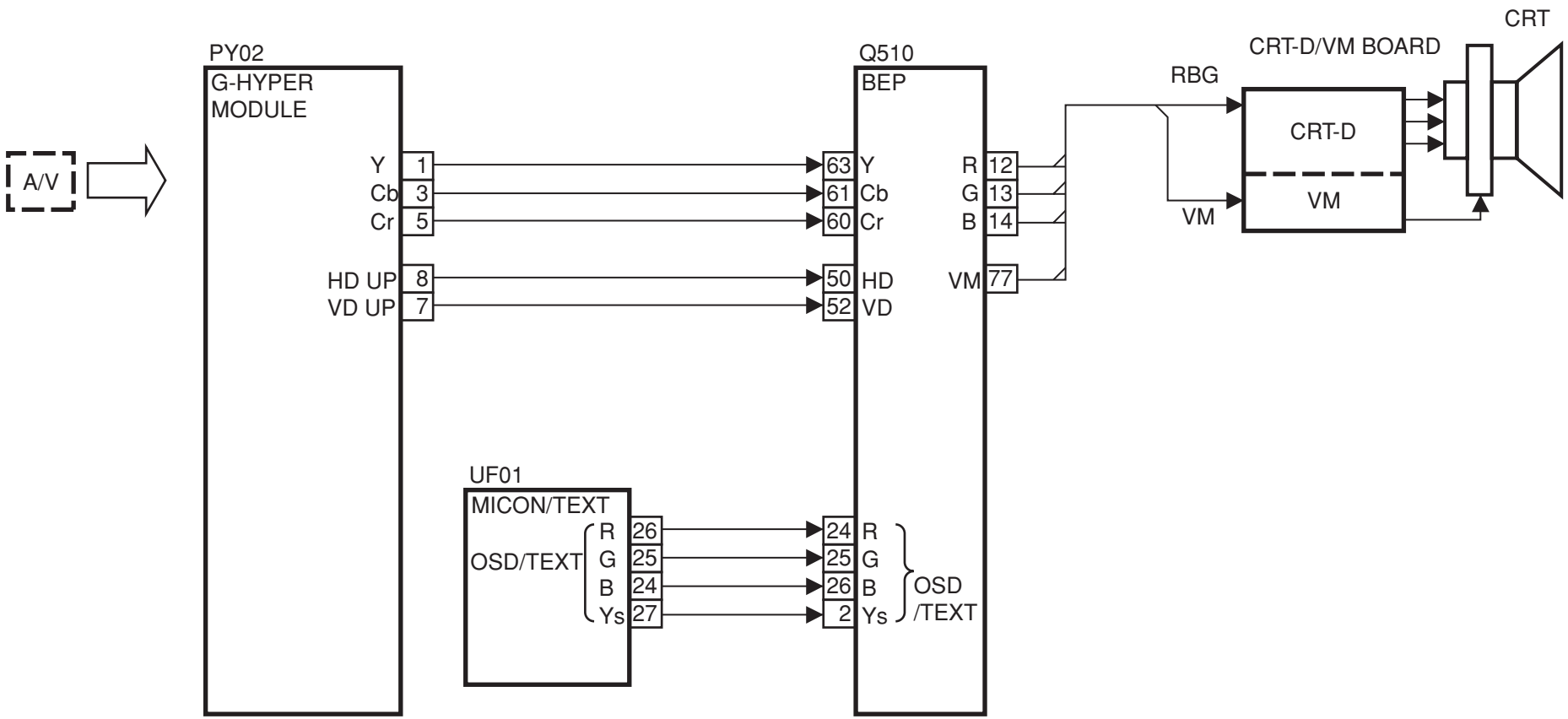
CIRCUIT BLOCK DIAGRAM

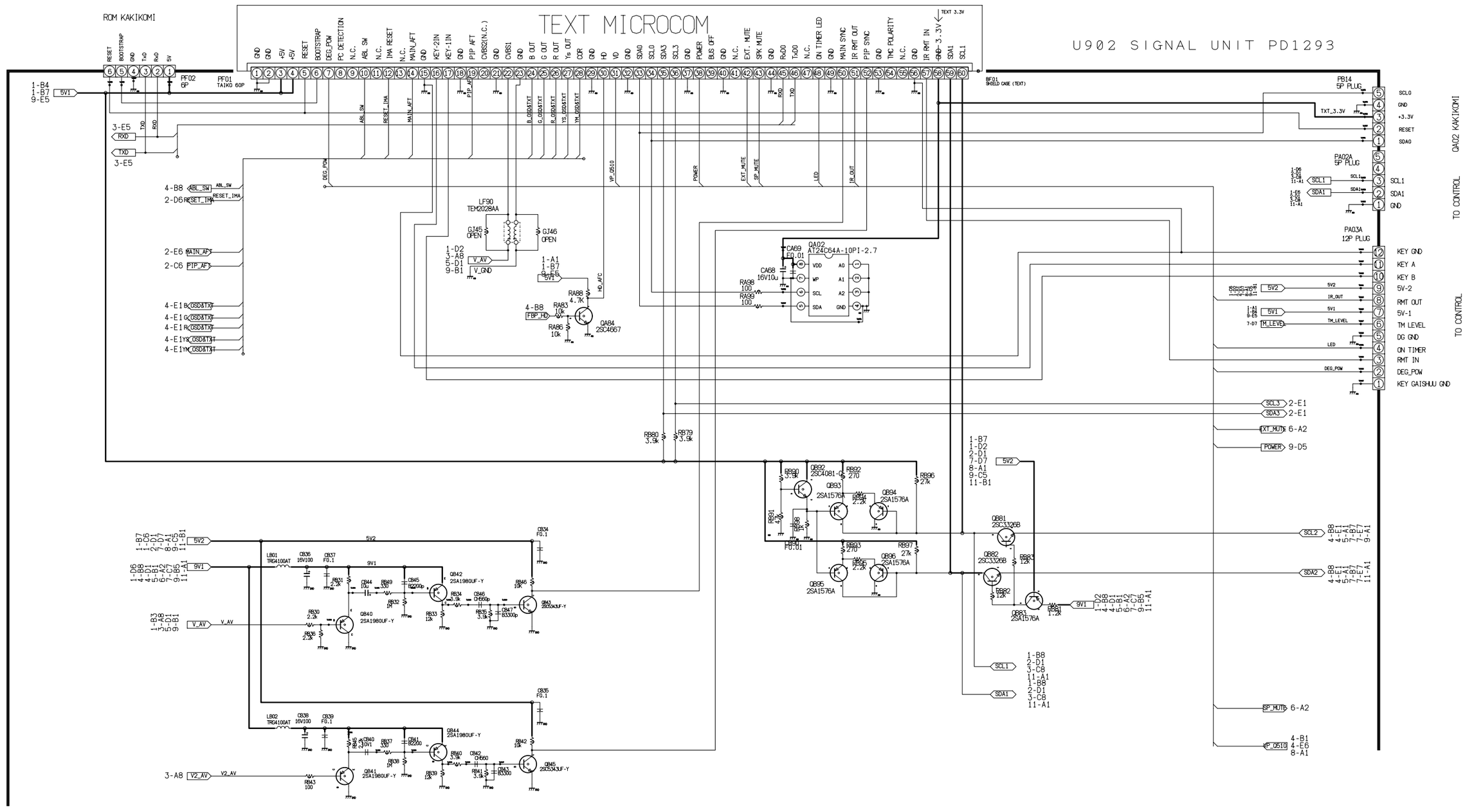


A/V CIRCUIT BLOCK DIAGRAM

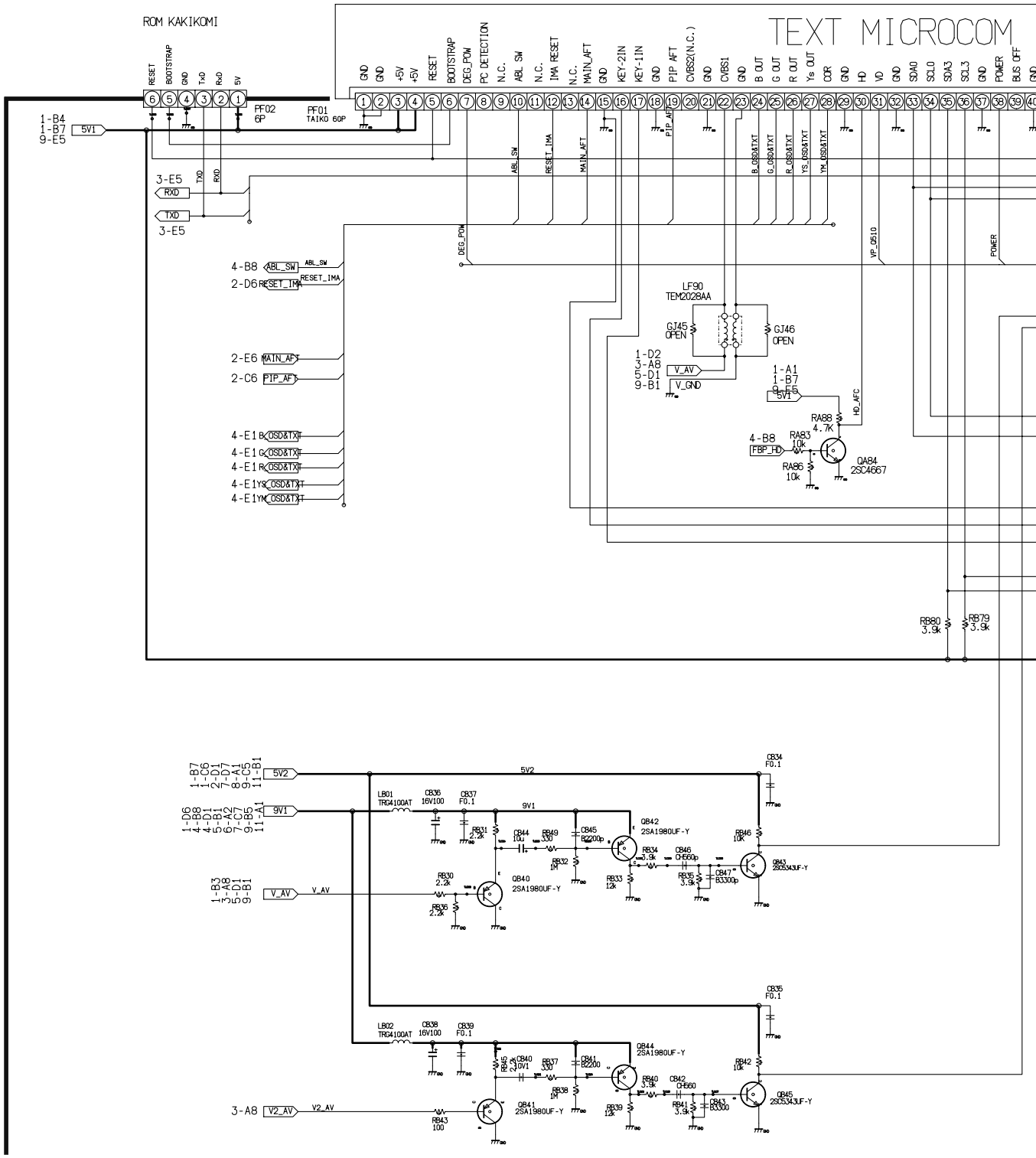


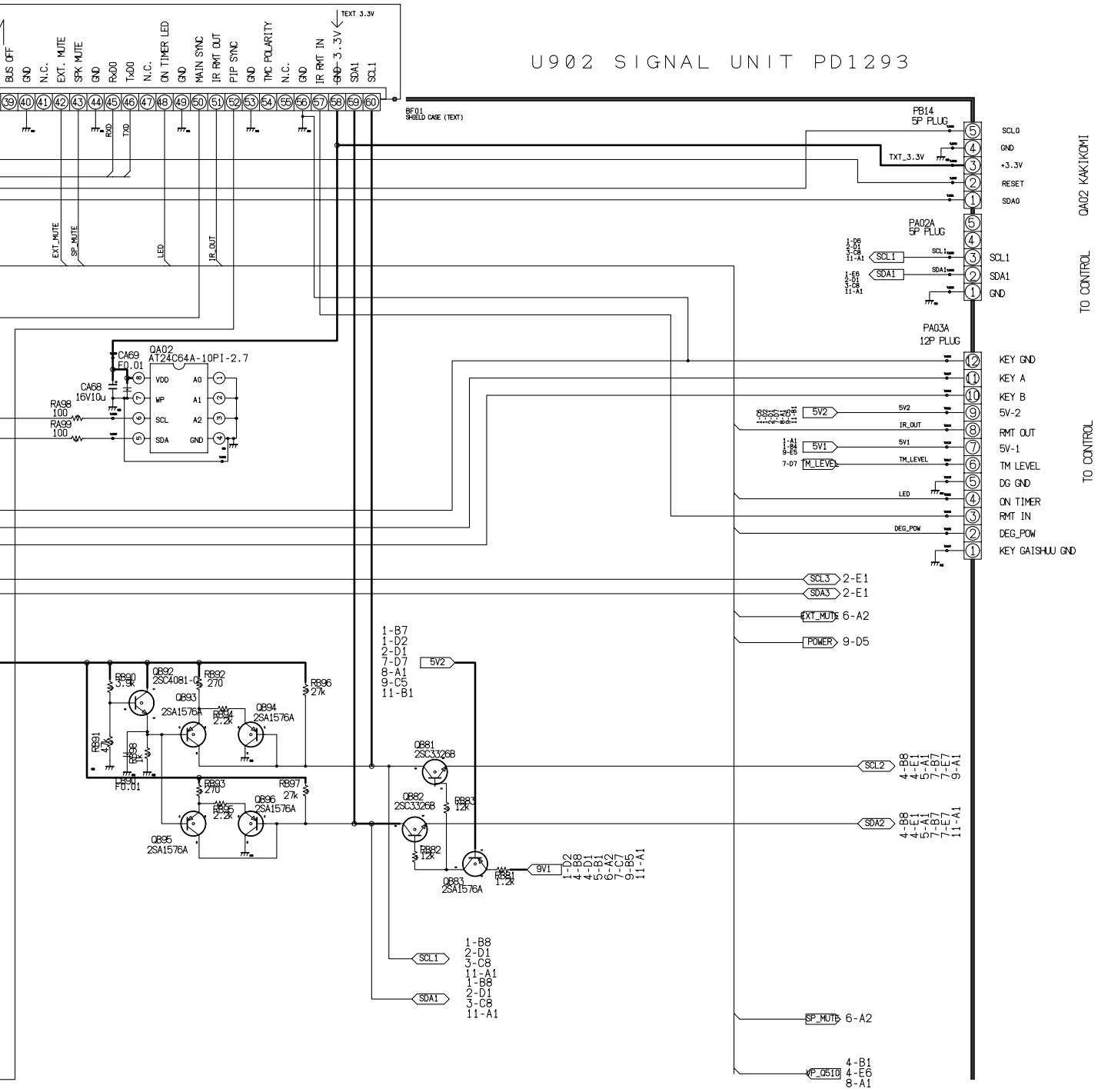
VIDEO PROCESSING CIRCUIT BLOCK DIAGRAM



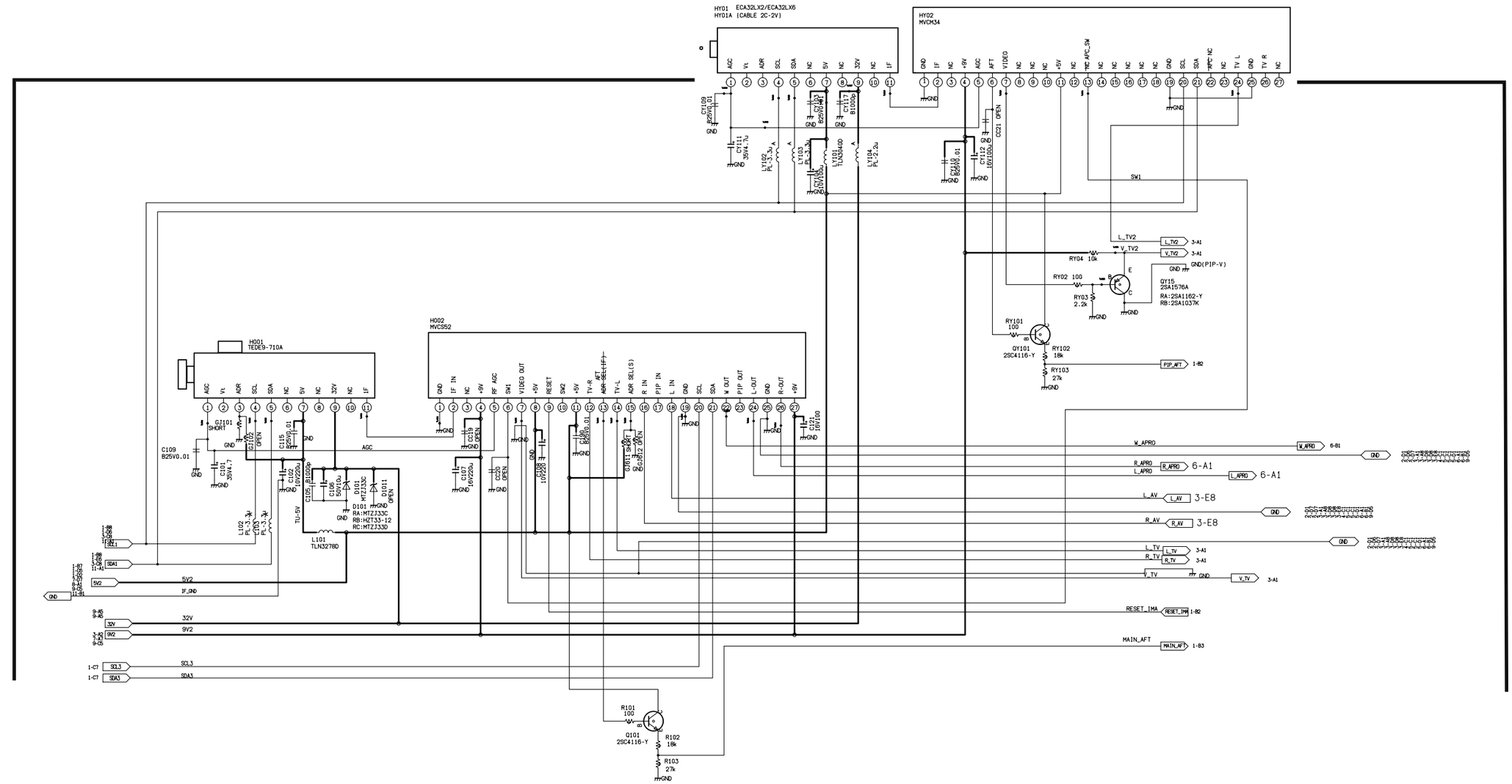


36SW9UA
SIGNAL - MICON
[SHEET-1/9]

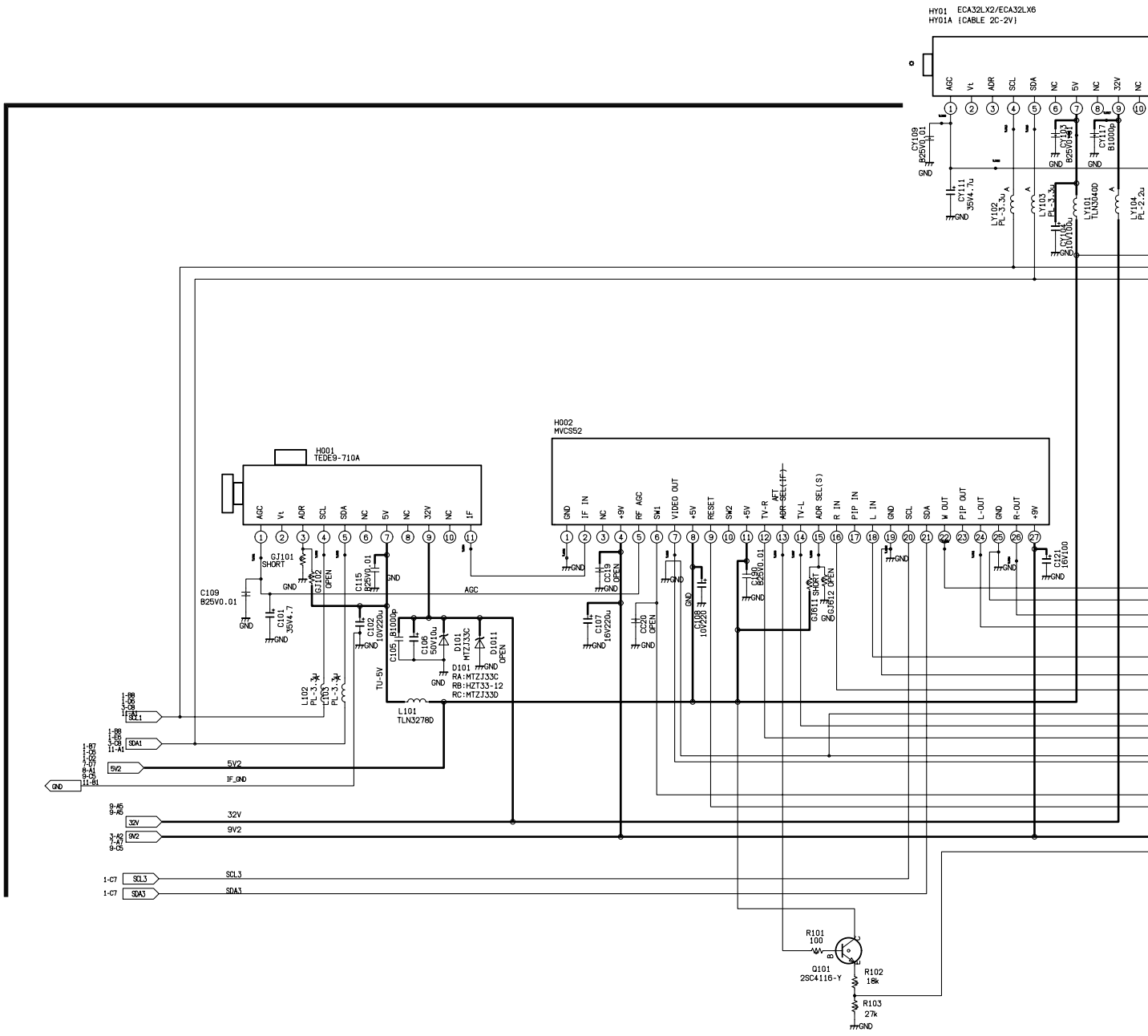

ROM KAKIKOMI
TEXT MICROCOM
PF01
TAIKO 60P
PF02
6P
LF90
TEM2028AA
GJ45
OPEN
GJ46
OPEN
QA84
2SC4667
QB40
2SA1980UF-Y
QB41
2SA1980UF-Y
QB42
2SA1980UF-Y
QB44
2SA1980UF-Y
QB45
2SC5343UF-Y
QB43
2SC5343UF-Y
5V1
5V2
9V1
V_AV
V2_AV
V_GND
HD_AFC
FBP_HD
ABL_SW
RESET_IMA
MAIN_AFT
PIP_AFT
DEG_POW
POWER
VP_D510
OSD&TXT

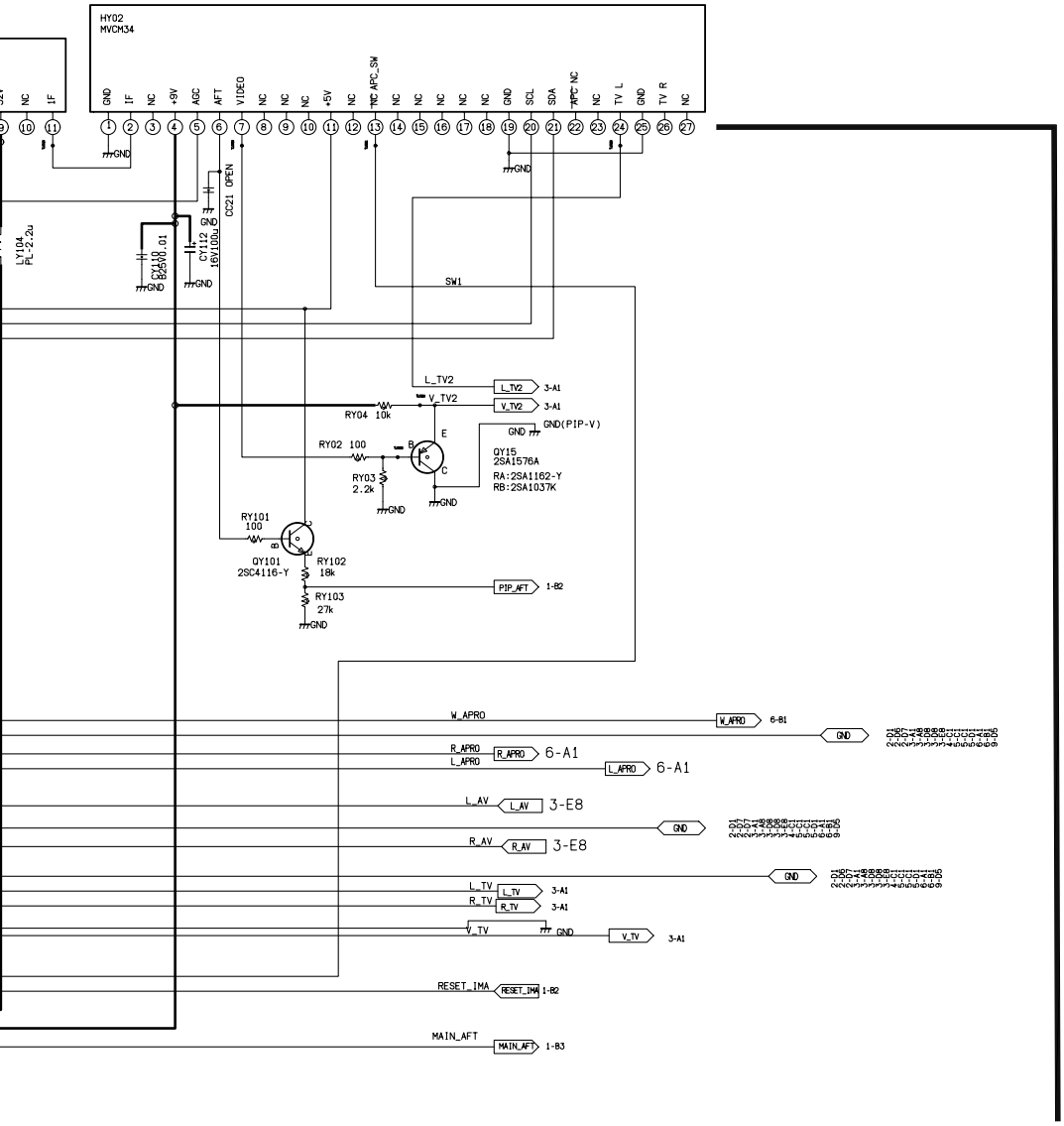


36SW9UA
SIGNAL - MICON
[SHEET-1/9]



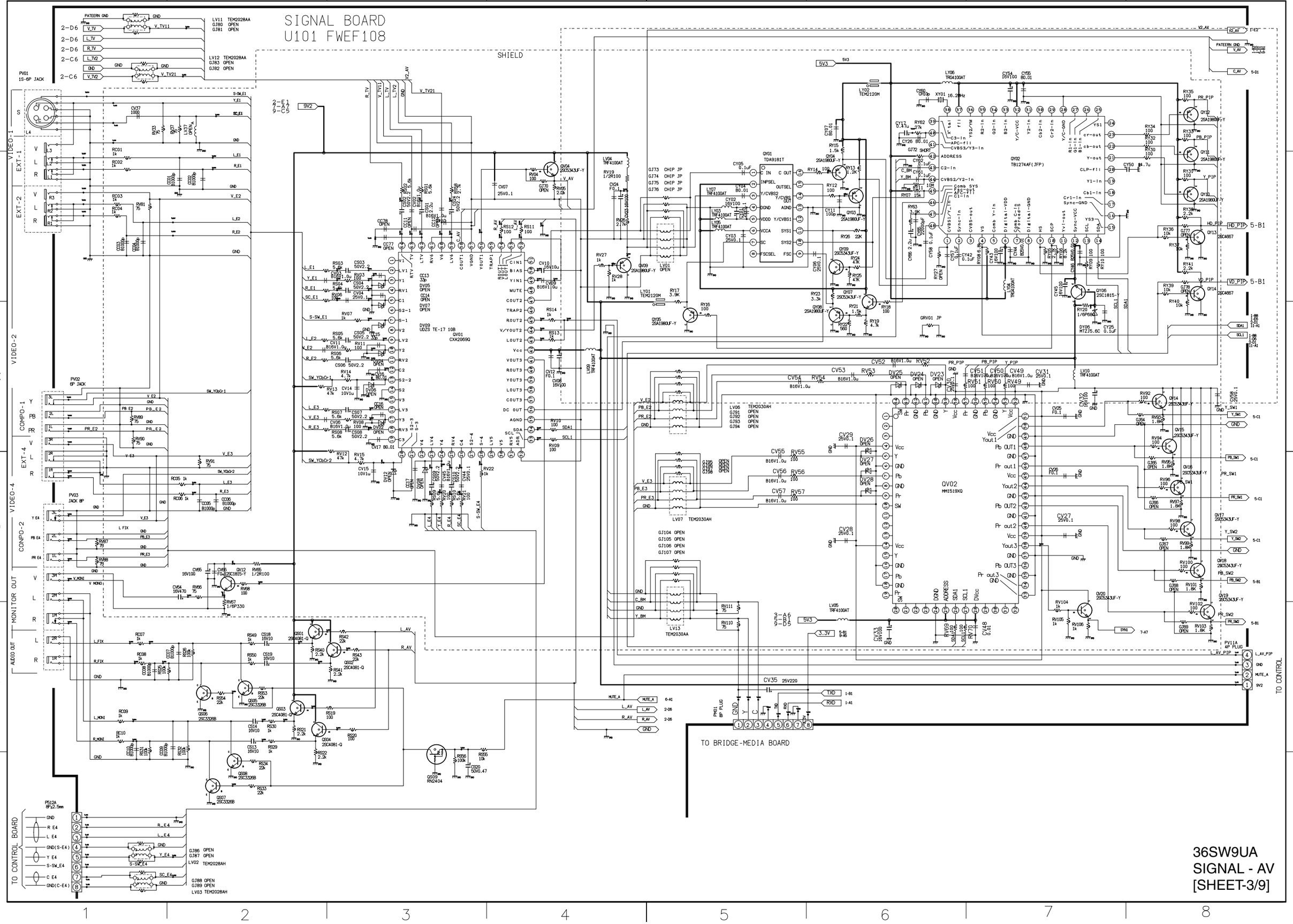
36SW9UA
SIGNAL - ASIA IF
[SHEET-2/9]

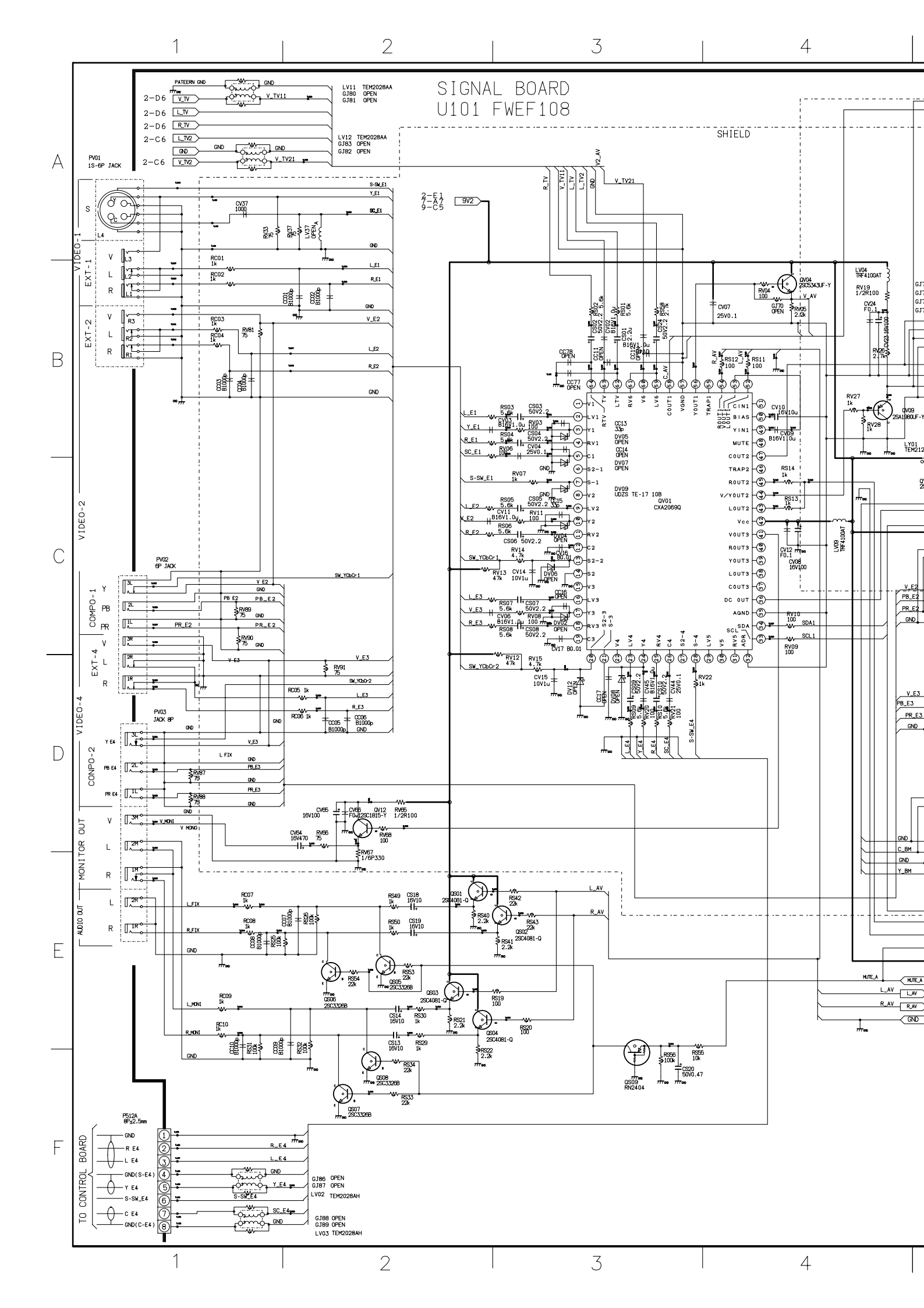

HY01 ECA32LX2/ECA32LX6
HY01A (CABLE 2C-2V)
AGC
Vt
ADR
SCL
SDA
NC
5V
NC
32V
NC
CY109 B25V0.01
CY111 35V4.7u
CY103 B25V0.01
CY117 B1000p
LY102 PL-3.3u
LY103 PL-3.3u
LY101 TLN3040D
LY104 PL-2.2u
CY104 16V100u
H001 TEDE9-710A
AGC
Vt
ADR
SCL
SDA
NC
5V
NC
32V
NC
IF
GJ101 SHORT
GJ102 OPEN
C115 B25V0.01
C109 B25V0.01
C101 35V4.7
C102 1000u
C105 B1000p
C106 50V10u
D101 MTZJ33C
D101 RA:MTZJ33C RB:HZTJ33-12 RC:MTZJ33D
D1011 OPEN
L101 TLN3278D
L102 PL-3.3u
L103 PL-3.3u
TU-5V
H002 MVCS52
GND
IF IN
NC
+9V
RF AGC
SW1
VIDEO OUT
+5V
RESET
SW2
+5V
TV-R
ADR SEL(FF)
TV-L
ADR SEL(S)
R IN
P1P IN
L IN
GND
SCL
SDA
W OUT
P1P OUT
L-OUT
GND
R-OUT
+9V
CC19 OPEN
CC20 OPEN
C107 16V220u
C108 1000u
C111 B25V0.01
G1611 SHORT
G1612 OPEN
C121 16V100
AGC
SCL1
SDA1
5V2
IF_GND
32V
9V2
SCL3
SDA3
R101 100
Q101 2SC4116-Y
R102 18k
R103 27k
GND

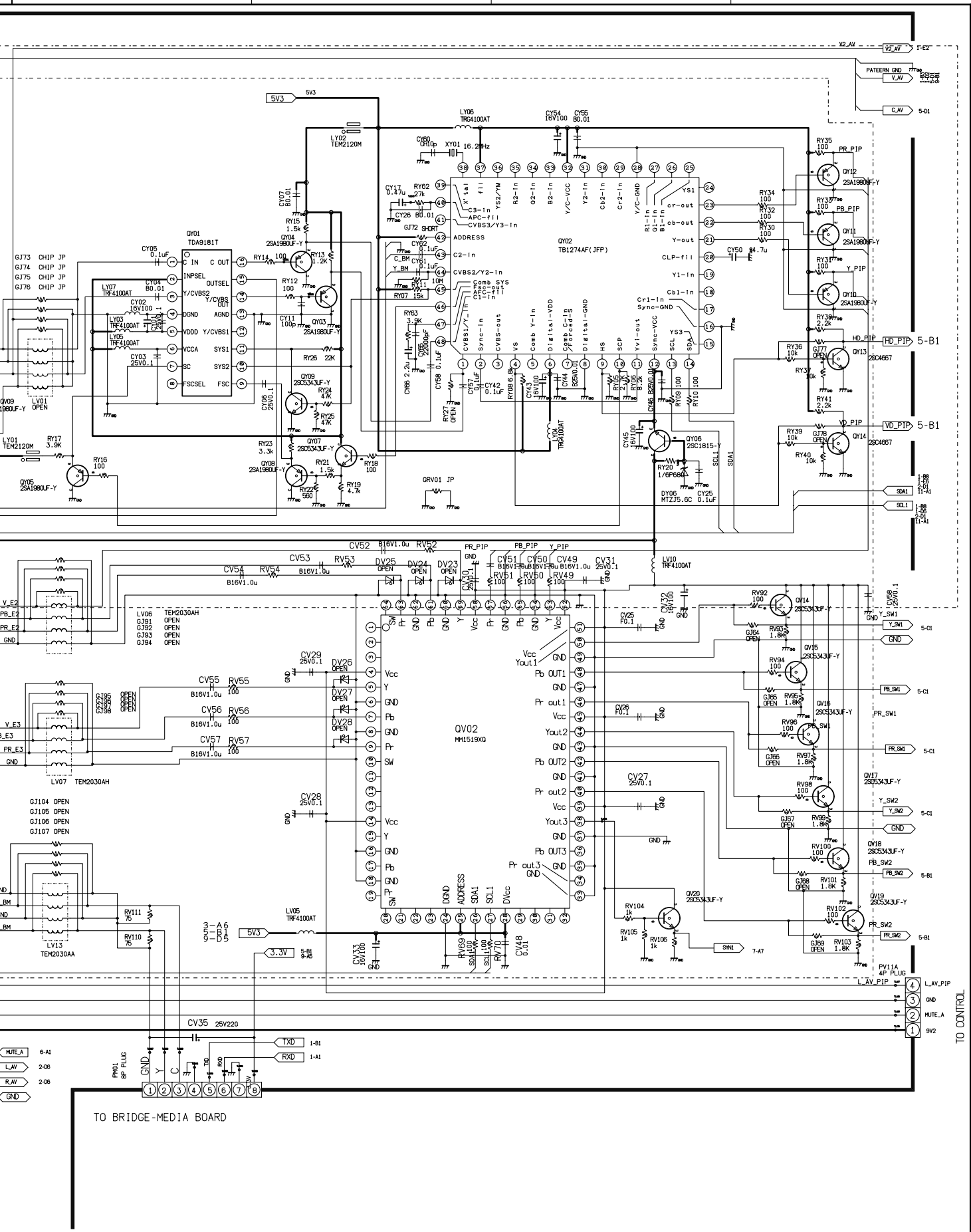


36SW9UA
SIGNAL - ASIA IF
[SHEET-2/9]

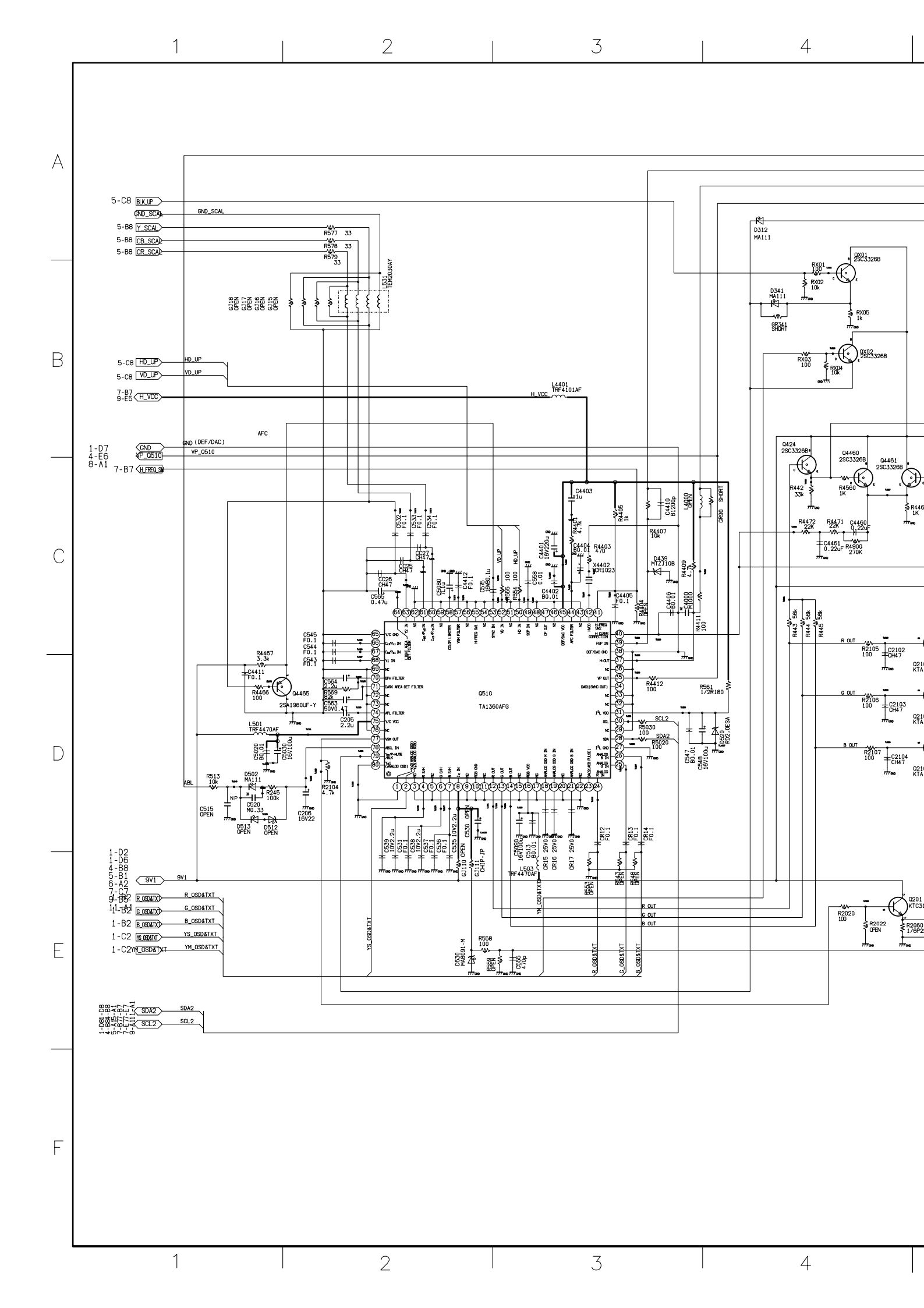
SIGNAL BOARD
U101 FWEF108

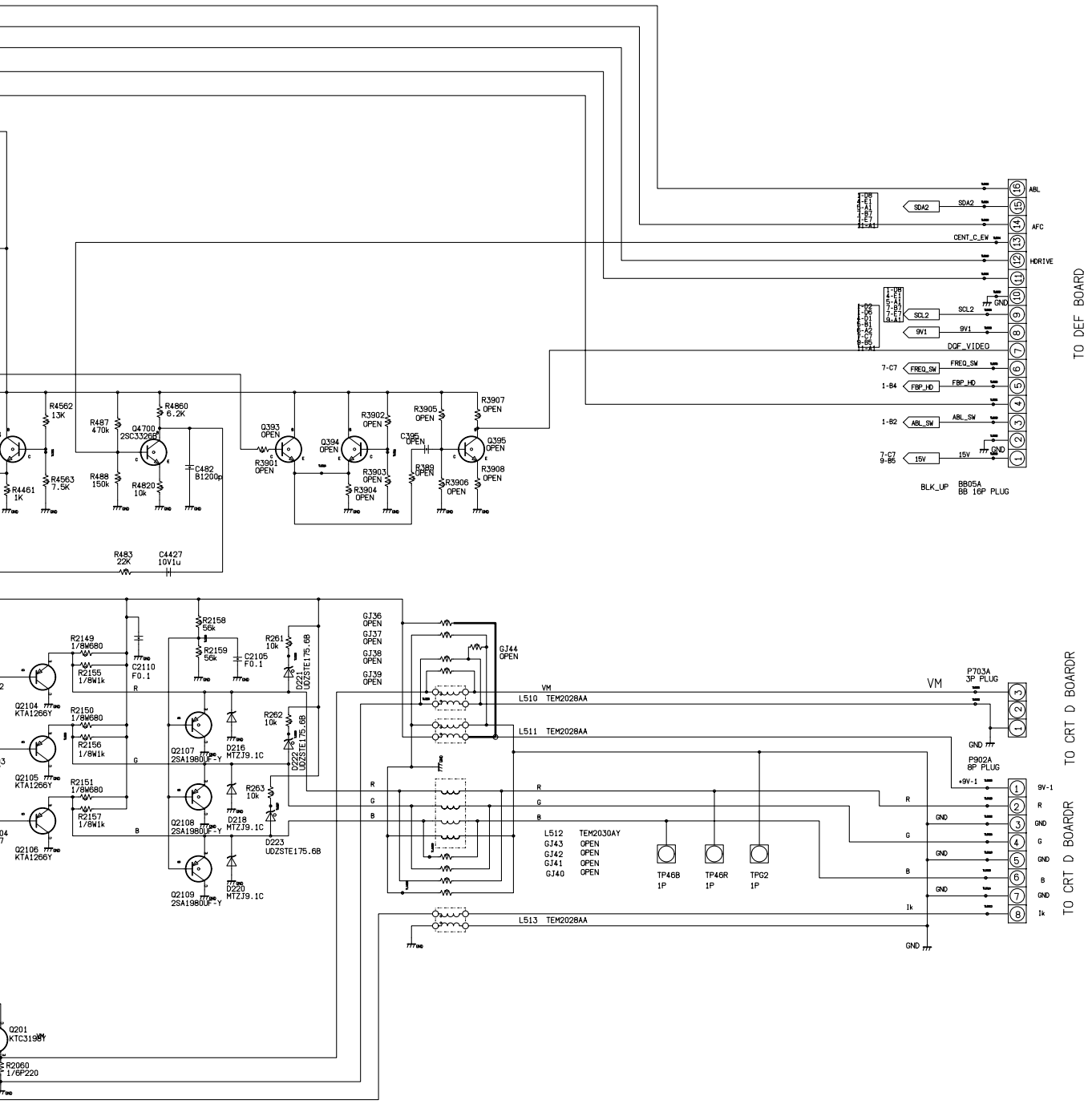



SIGNAL BOARD
U101 FWEF108
SHIELD
PV01
1S-6P JACK
VIDEO-1
EXT-1
EXT-2
VIDEO-2
COMPO-1
EXT-4
VIDEO-4
CONPO-2
MONITOR OUT
AUDIO OUT
PV02
6P JACK
PV03
JACK 6P
P512A
8P±2.5mm
TO CONTROL BOARD
9V2
V2_AV
V_AV
R_AV
L_AV
MUTE_A
SW_YCbCr-1
SW_YCbCr-2
V_MONI
V MONI
L_MONI
R_MONI
L_FIX
R_FIX
L FIX
S-SW_E1
S-SW_E4
SC_E1
SC_E4
GJ86 OPEN
GJ87 OPEN
LV02 TEM2028AH
GJ88 OPEN
GJ89 OPEN
LV03 TEM2028AH
LV11 TEM2028AA
GJ80 OPEN
GJ81 OPEN
LV12 TEM2028AA
GJ83 OPEN
GJ82 OPEN
LV04 TRF4100AT
LV09 TRF4100AT
QV01 CXA2069Q
DV09 UDZS TE-17 10B
QV04 2SC5343UF-Y
QV09 2SA1980UF-Y
QS01 2SC4081-Q
QS02 2SC4081-Q
QS03 2SC4081-Q
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QS08 2SC3326B
QS09 RN2404

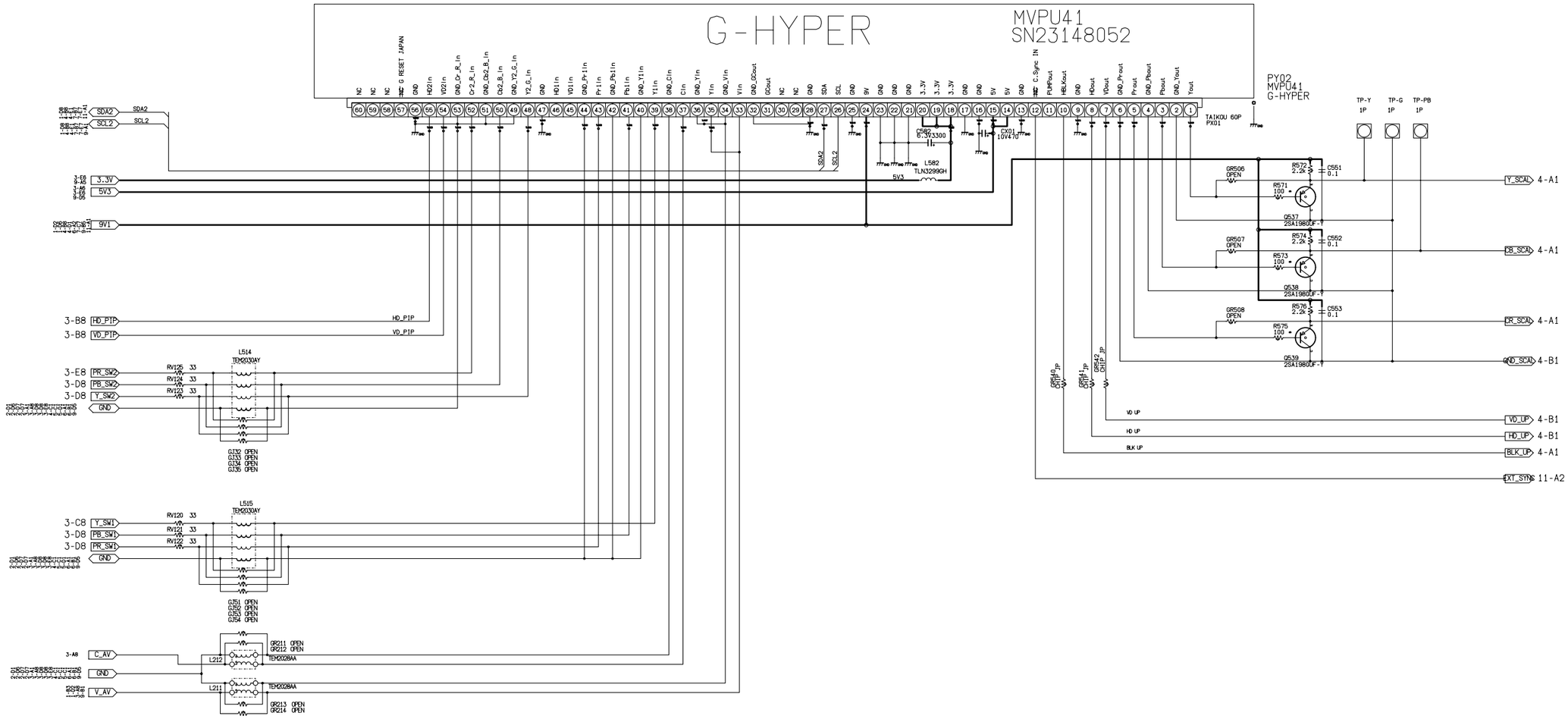

5V3
LY02 TEM2120M
LY06 TRG4100AT
XY01 16.2MHz
QY01 TDA9181T
QY02 TB1274AF(JFP)
QV02 MM1519XQ
LV06 TEM2030AH
LV07 TEM2030AH
LV13 TEM2030AA
LV10 TRF4100AT
LV05 TRF4100AT
LY04 TRG4100AT
LY07 TRF4100AT
LY03 TRF4100AT
LY05 TRF4100AT
LY01 TEM2120M
PR_PIP
PB_PIP
Y_PIP
HD_PIP
VD_PIP
Y_SW1
PB_SW1
PR_SW1
Y_SW2
PB_SW2
PR_SW2
L_AV_PIP
TO CONTROL
TO BRIDGE-MEDIA BOARD
36SW9UA
SIGNAL - AV
[SHEET-3/9]

36SW9UA
SIGNAL - BEP
[SHEET-4/9]

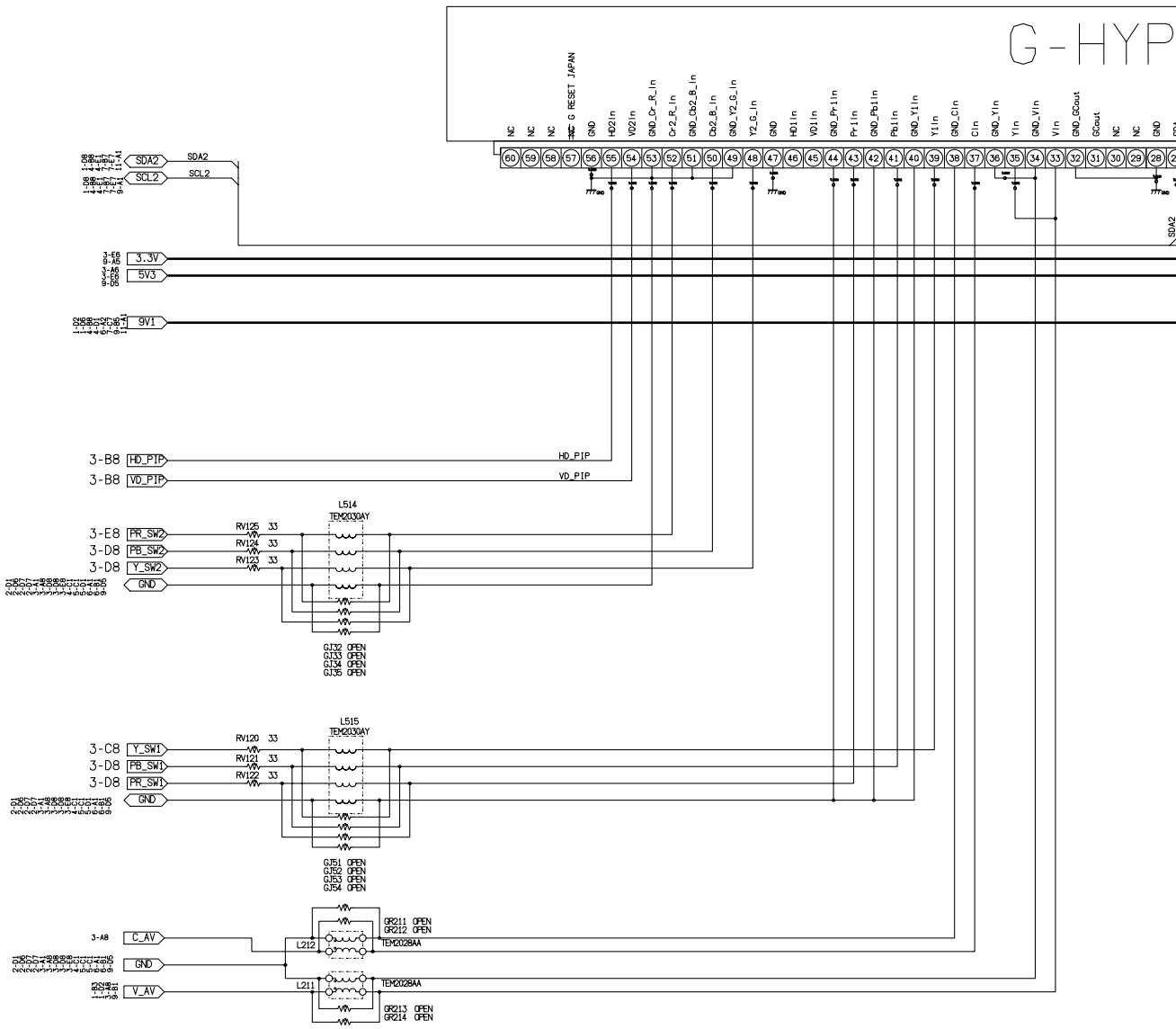

5-C8 BLK_UP
GND_SCAL
5-B8 Y_SCAL
5-B8 CB_SCAL
5-B8 CR_SCAL
R577 33
R578 33
R579 33
T551 TE9030AY
5-C8 HD_UP
5-C8 VD_UP
7-B7 9-E5 H_VCC
L4401 TRF4101AF
AFC
1-D7 4-E6 8-A1 7-B7 GND VP_Q510 H_FREQ_SW
GND (DEF/DAC)
Q510 TA1360AFG
Q4465 2SA1980UF-Y
L501 TRF4470AF
L503 TRF4470AF
D502 MA111
D512 OPEN
D513 OPEN
D439 MTZJ10B
X4402 CR1023
ABL
9V1
R_OSD&TXT
G_OSD&TXT
B_OSD&TXT
YS_OSD&TXT
YM_OSD&TXT
SDA2
SCL2
D312 MA111
D341 MA111
GR341 SHORT
GR90 SHORT
Q424 2SC3326B
Q4460 2SC3326B
Q4461 2SC3326B
RX01 2SC3326B
RX03 2SC3326B
R_OUT
G_OUT
B_OUT
Q201 KTC3

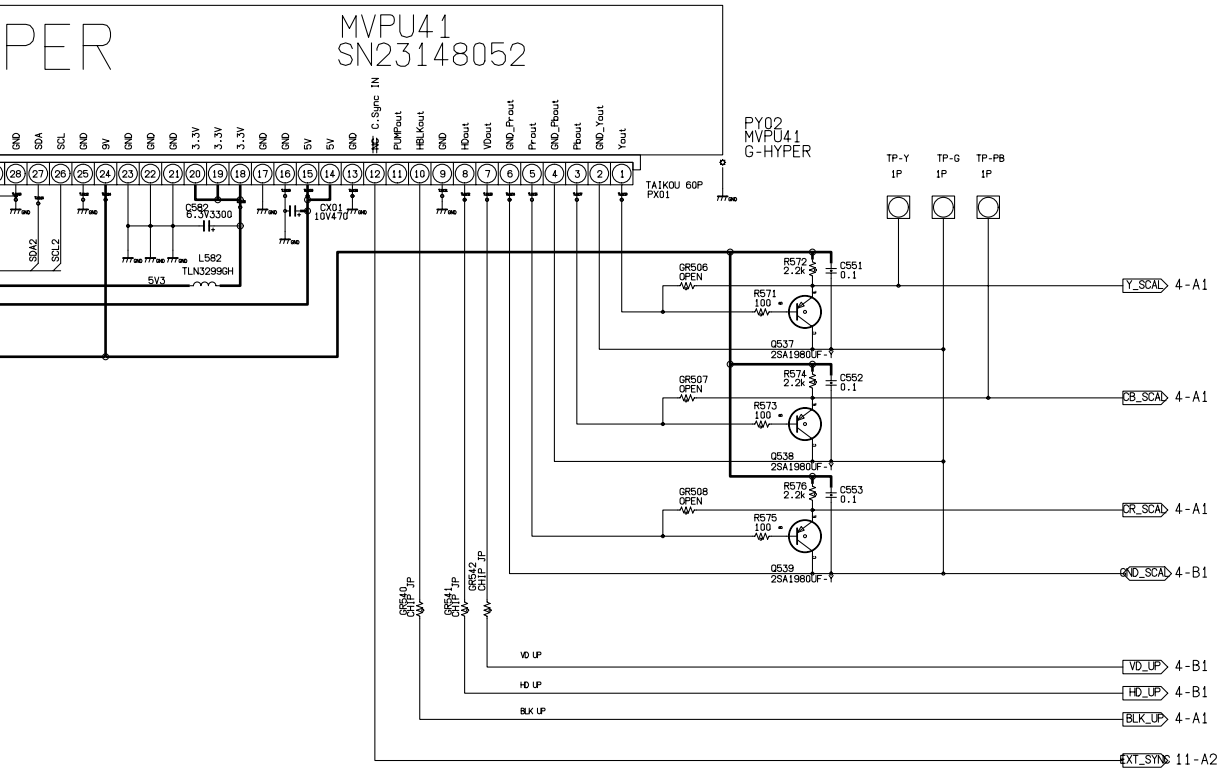


36SW9UA
SIGNAL - BEP
[SHEET-4/9]

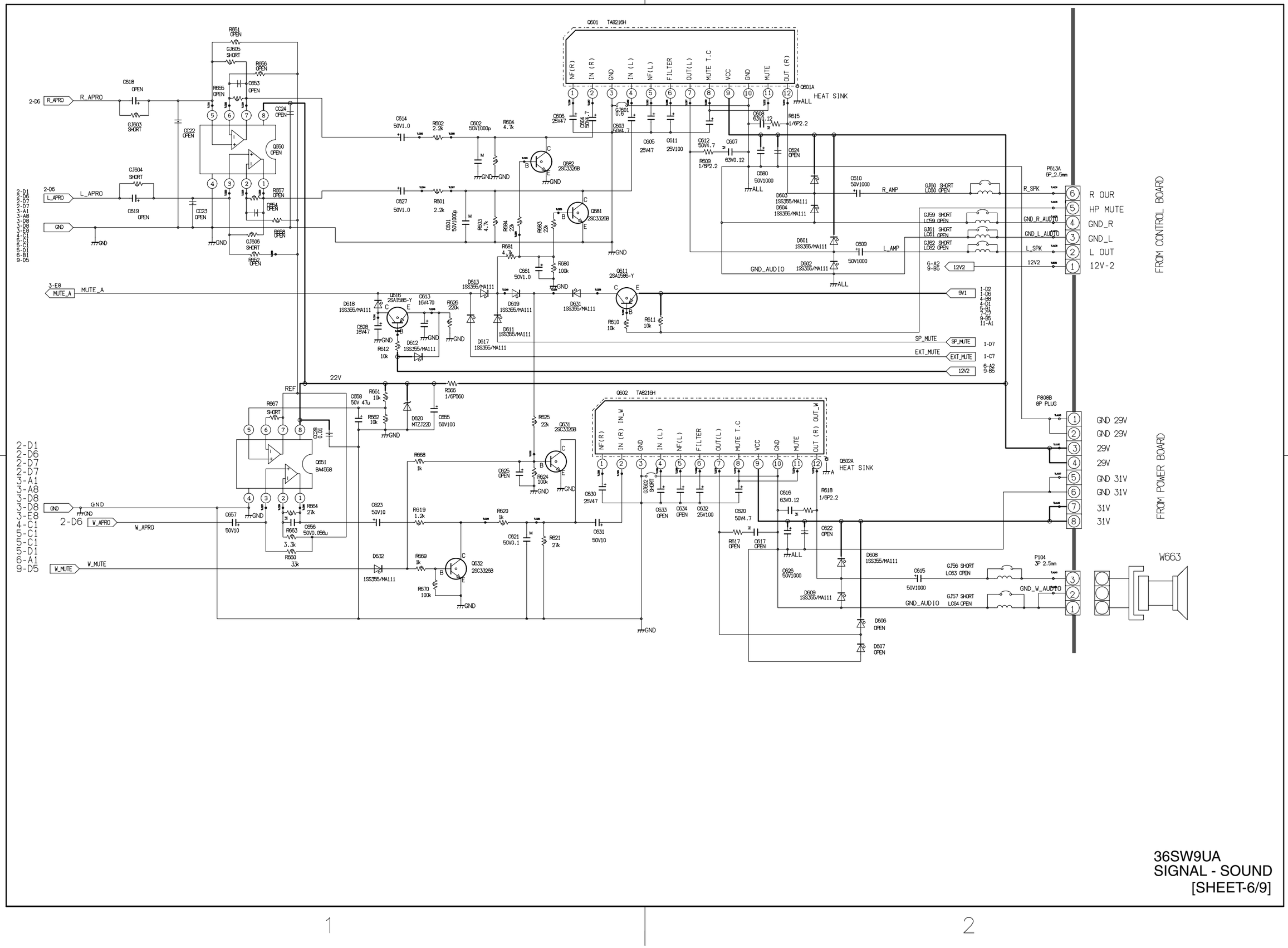


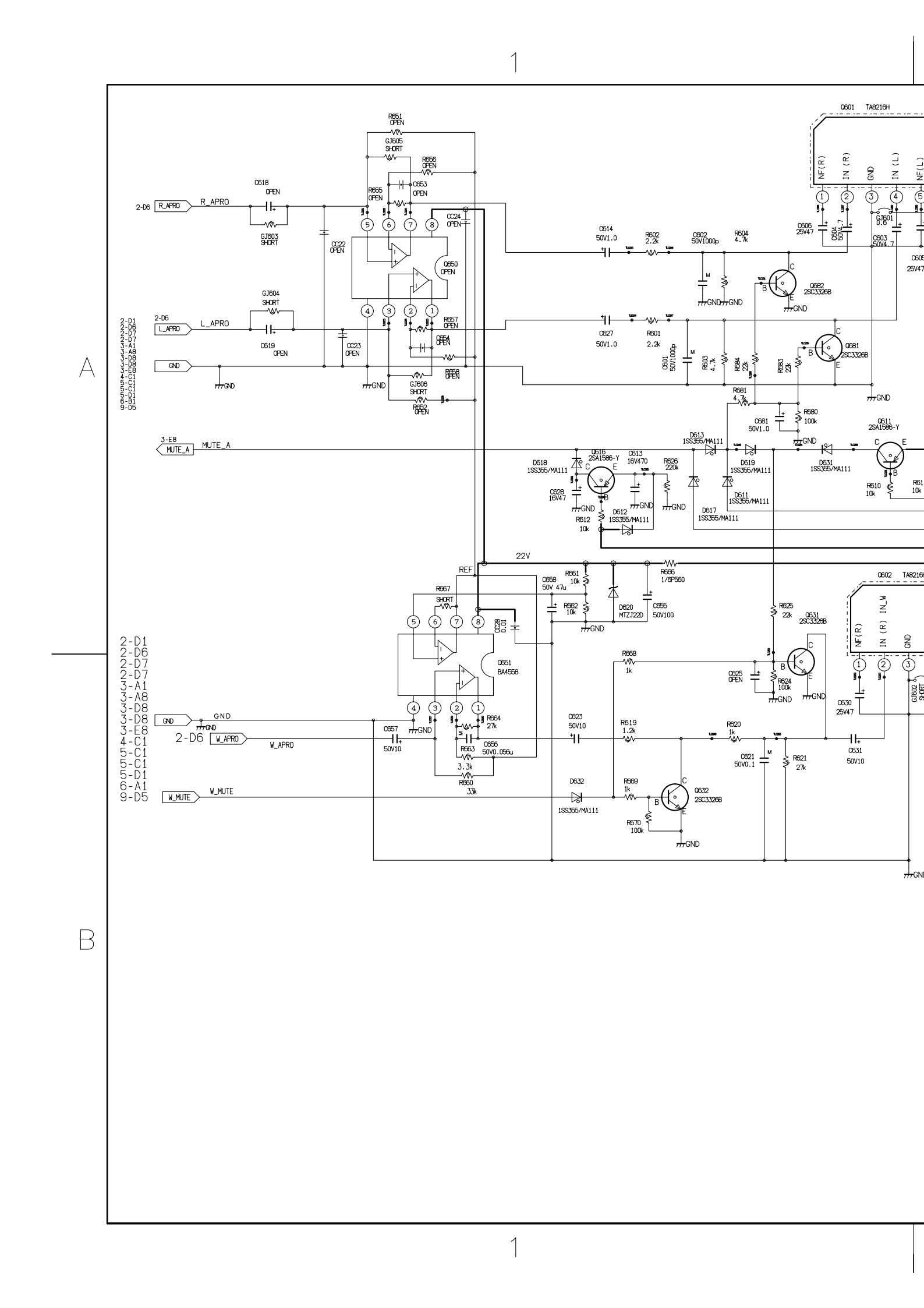
36SW9UA
SIGNAL - G-HYPER&DFS
[SHEET-5/9]

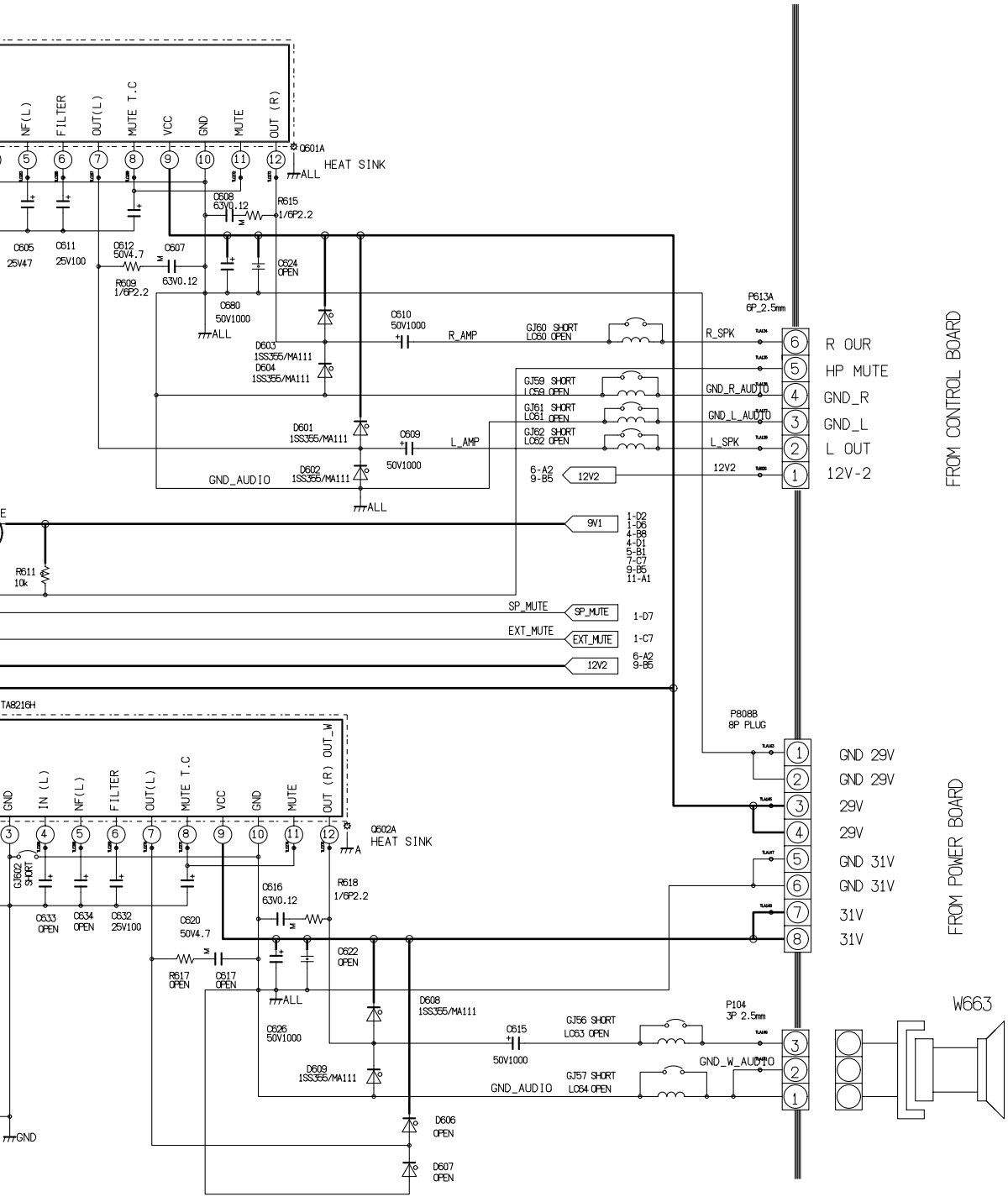

G-HYP
SDA2
SCL2
3.3V
5V3
9V1
HD_PIP
VD_PIP
PR_SW2
PB_SW2
Y_SW2
GND
L514
TEM2030AY
RV125 33
RV124 33
RV123 33
GJ32 OPEN
GJ33 OPEN
GJ34 OPEN
GJ35 OPEN
Y_SW1
PB_SW1
PR_SW1
L515
RV120 33
RV121 33
RV122 33
GJ51 OPEN
GJ52 OPEN
GJ53 OPEN
GJ54 OPEN
C_AV
V_AV
L212
L211
TEM2028AA
GR211 OPEN
GR212 OPEN
GR213 OPEN
GR214 OPEN



36SW9UA
SIGNAL - G-HYPER&DFS
[SHEET-5/9]


Q501 TA8216H
NF(R)
IN (R)
GND
IN (L)
NF(L)
FILTER
OUT(L)
MUTE T.C
VCC
GND
MUTE
OUT (R)
Q501A
HEAT SINK
ALL
R651 OPEN
GJ605 SHORT
R656 OPEN
C618 OPEN
R655 OPEN
C653 OPEN
2-D6 R_APRO
GJ603 SHORT
CC22 OPEN
CC24 OPEN
Q650 OPEN
GJ604 SHORT
2-D6 L_APRO
C619 OPEN
CC23 OPEN
R657 OPEN
C654 OPEN
GND
R658 OPEN
GJ606 SHORT
R652 OPEN
2-D1
2-D6
2-D7
2-D7
3-A1
3-A8
3-D8
3-D8
3-E8
4-C1
5-C1
5-C1
5-D1
6-B1
9-D5
C514 50V1.0
R602 2.2k
C502 50V1000p
R604 4.7k
C627 50V1.0
R601 2.2k
C501 50V1000p
R603 4.7k
R684 22k
R683 22k
Q682 2SC3326B
Q681 2SC3326B
C606 25V47
C604 50V4.7
GJ601 0.6
C603 50V4.7
C605 25V47
C611 25V100
C612 50V4.7
C607 63V0.12
R609 1/6P2.2
R608 63V0.12
R615 1/6P2.2
C624 OPEN
C680 50V1000
C610 50V1000
R_AMP
GJ60 SHORT
LC60 OPEN
D603 1SS355/MA111
D604 1SS355/MA111
GJ59 SHORT
LC59 OPEN
GJ61 SHORT
LC61 OPEN
GJ62 SHORT
LC62 OPEN
D601 1SS355/MA111
D602 1SS355/MA111
C609 50V1000
L_AMP
GND_AUDIO
6-A2
9-B5
12V2
P813A
6P_2.5mm
R_SPK
GND_R_AUDIO
GND_L_AUDIO
L_SPK
12V2
6 R OUR
5 HP MUTE
4 GND_R
3 GND_L
2 L OUT
1 12V-2
FROM CONTROL BOARD
3-E8 MUTE_A
C681 50V1.0
R680 100k
R681 4.7
D613 1SS355/MA111
Q616 2SA1586-Y
C613 16V470
R626 220k
D618 1SS355/MA111
C628 16V47
R612 10k
D612 1SS355/MA111
D619 1SS355/MA111
D611 1SS355/MA111
D617 1SS355/MA111
D631 1SS355/MA111
Q611 2SA1586-Y
R610 10k
R611 10k
9V1
1-D2
1-D6
4-B8
4-D1
5-B1
7-C7
9-B5
11-A1
SP_MUTE
SP_MUTE
1-D7
EXT_MUTE
EXT_MUTE
1-C7
12V2
6-A2
9-B5
22V
REF
R661 10k
R662 10k
C658 50V 47u
R666 1/6P560
D620 MTZJ22D
C655 50V100
R667 SHORT
C628 0.01
Q651 BA4558
R668 1k
R625 22k
Q631 2SC3326B
C625 OPEN
R624 100k
GND
W_APRO
C657 50V10
R664 27k
R663 3.3k
C656 50V0.056u
R660 33k
C623 50V10
R619 1.2k
R620 1k
C621 50V0.1
R621 27k
C631 50V10
W_MUTE
D632 1SS355/MA111
R669 1k
Q632 2SC3326B
R670 100k
Q602 TA8216H
NF(R)
IN (R) IN_W
GND
IN (L)
NF(L)
FILTER
OUT(L)
MUTE T.C
VCC
GND
MUTE
OUT (R) OUT_W
Q602A
HEAT SINK
C630 25V47
GJ602 SHORT
C633 OPEN
C634 OPEN
C632 25V100
C616 63V0.12
R618 1/6P2.2
C620 50V4.7
R617 OPEN
C617 OPEN
C622 OPEN
ALL
D608 1SS355/MA111
C626 50V1000
C615 50V1000
GJ56 SHORT
LC63 OPEN
GJ57 SHORT
LC64 OPEN
GND_AUDIO
GND_W_AUDIO
D609 1SS355/MA111
D606 OPEN
D607 OPEN
P808B
8P PLUG
1 GND 29V
2 GND 29V
3 29V
4 29V
5 GND 31V
6 GND 31V
7 31V
8 31V
FROM POWER BOARD
P104
3P 2.5mm
W663
36SW9UA
SIGNAL - SOUND
[SHEET-6/9]

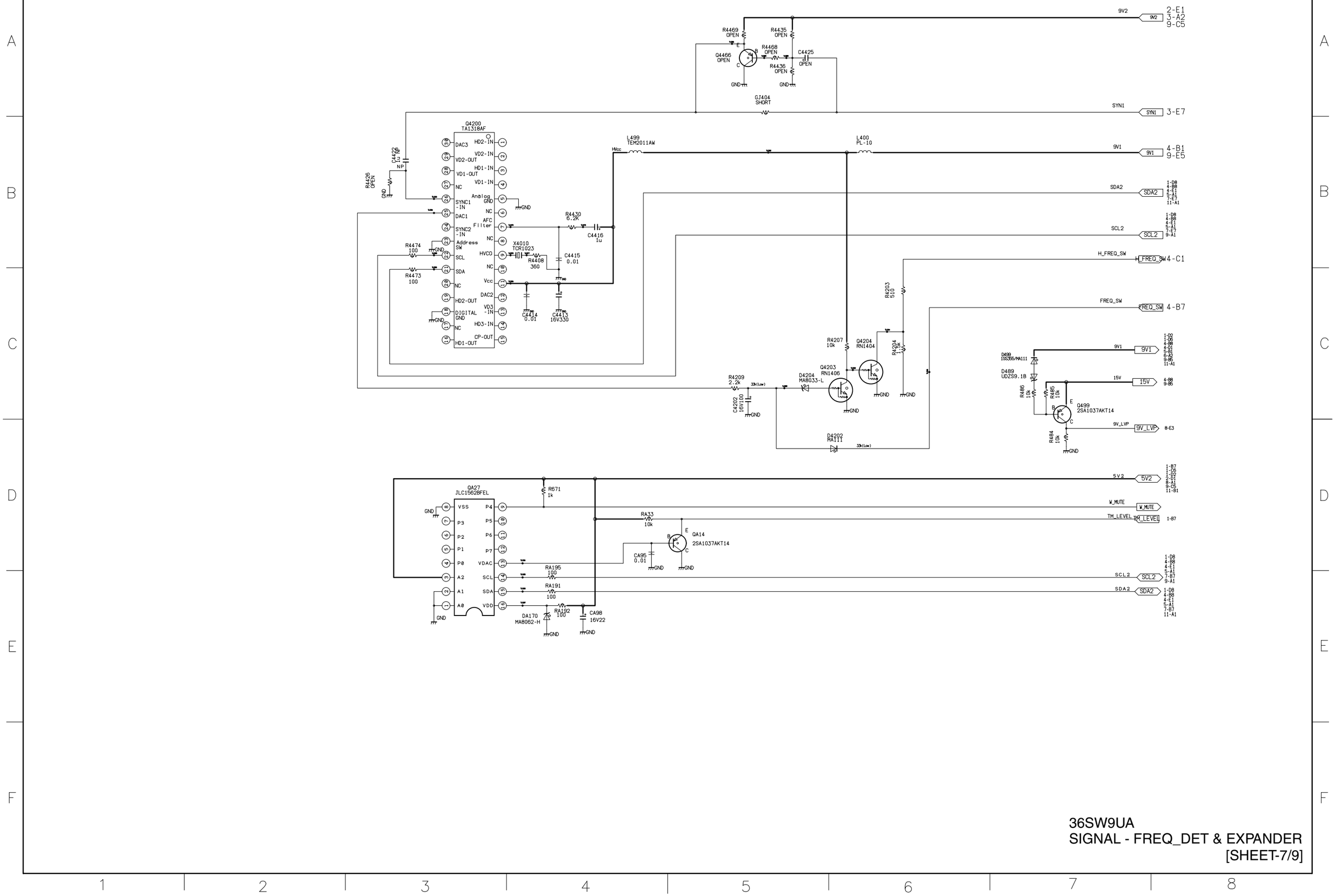

Q601 TA8216H
NF(R)
IN (R)
GND
IN (L)
NF(L)
R651 OPEN
GJ605 SHORT
R656 OPEN
C618 OPEN
R655 OPEN
C653 OPEN
C24 OPEN
2-D6 R_APRO
R_APRO
GJ603 SHORT
CC22 OPEN
Q650 OPEN
C614 50V1.0
R602 2.2k
C602 50V1000p
R604 4.7k
C606 25V47
C604 50V4.7
GJ601 0.6
C603 50V4.7
Q682 2SC3326B
GJ604 SHORT
2-D6 L_APRO
L_APRO
C619 OPEN
CC23 OPEN
R657 OPEN
C654 OPEN
C627 50V1.0
R601 2.2k
C601 50V1000p
R603 4.7k
R684 22k
R683 22k
Q681 2SC3326B
GND
R658 OPEN
GJ606 SHORT
R652 OPEN
R681 4.7k
R680 100k
C681 50V1.0
3-E8 MUTE_A
MUTE_A
D613 1SS355/MA111
Q615 2SA1586-Y
C613 16V470
R626 220k
D618 1SS355/MA111
D619 1SS355/MA111
D631 1SS355/MA111
Q611 2SA1586-Y
C628 16V47
D612 1SS355/MA111
R612 10k
D611 1SS355/MA111
D617 1SS355/MA111
R610 10k
22V
REF
R661 10k
C658 50V 4.7u
R662 10k
D620 MTZJ22D
C655 50V100
R666 1/6PS60
R667 SHORT
C29 0.01
Q651 BA4558
Q602 TA8216H
NF(R)
IN (R)
IN_W
GND
R625 22k
Q631 2SC3326B
R668 1k
C625 OPEN
R624 100k
C630 25V47
GJ602 SHORT
2-D1
2-D6
2-D7
2-D7
3-A1
3-A8
3-D8
3-D8
3-E8
4-C1
5-C1
5-C1
5-D1
6-A1
9-D5
GND
GND
2-D6 W_APRO
W_APRO
C657 50V10
R664 27k
R663 3.3k
C656 50V0.056u
R660 33k
C623 50V10
R619 1.2k
R620 1k
C621 50V0.1
R621 27k
C631 50V10
D632 1SS355/MA111
R669 1k
Q632 2SC3326B
R670 100k
W_MUTE
W_MUTE
A
B



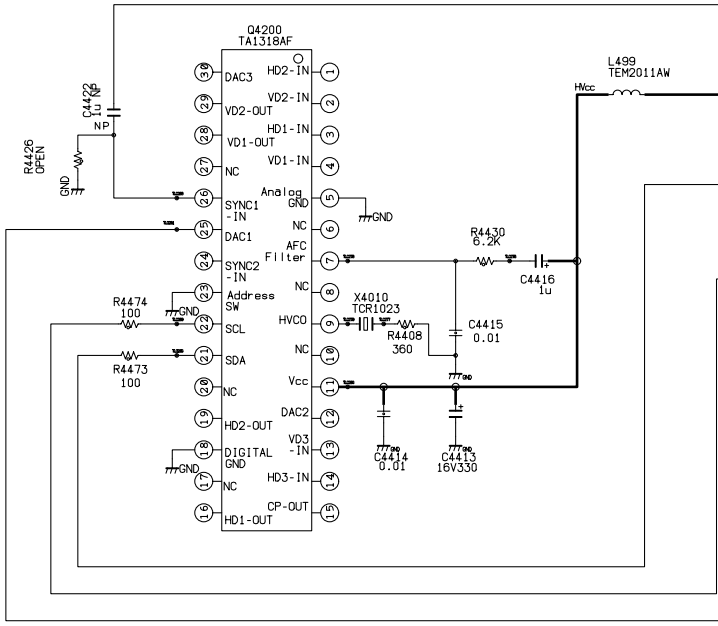
A

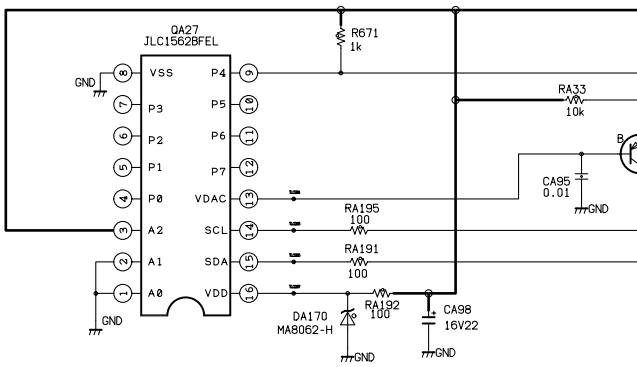
B

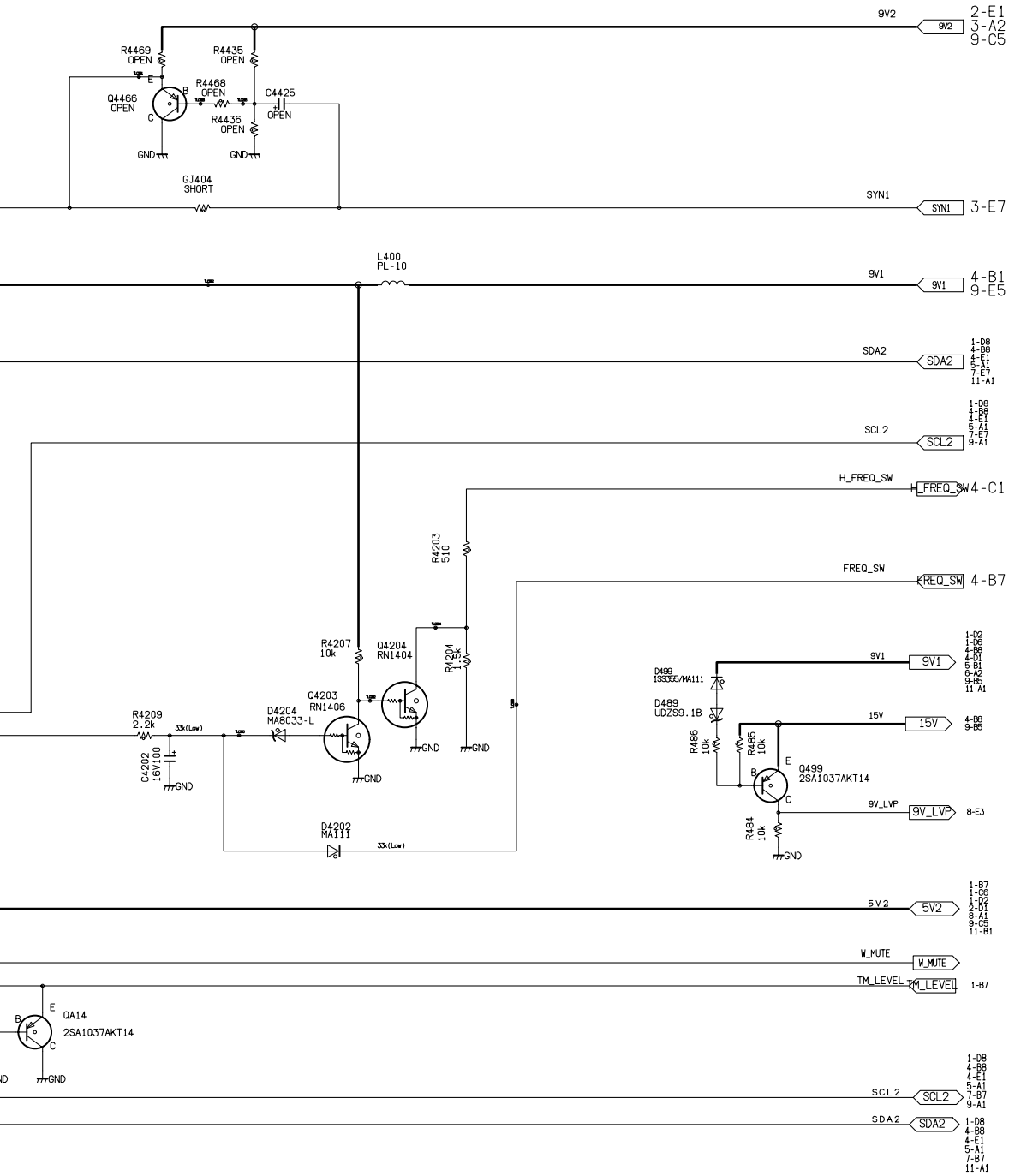
36SW9UA
SIGNAL - SOUND
[SHEET-6/9]



36SW9UA
SIGNAL - FREQ_DET & EXPANDER
[SHEET-7/9]

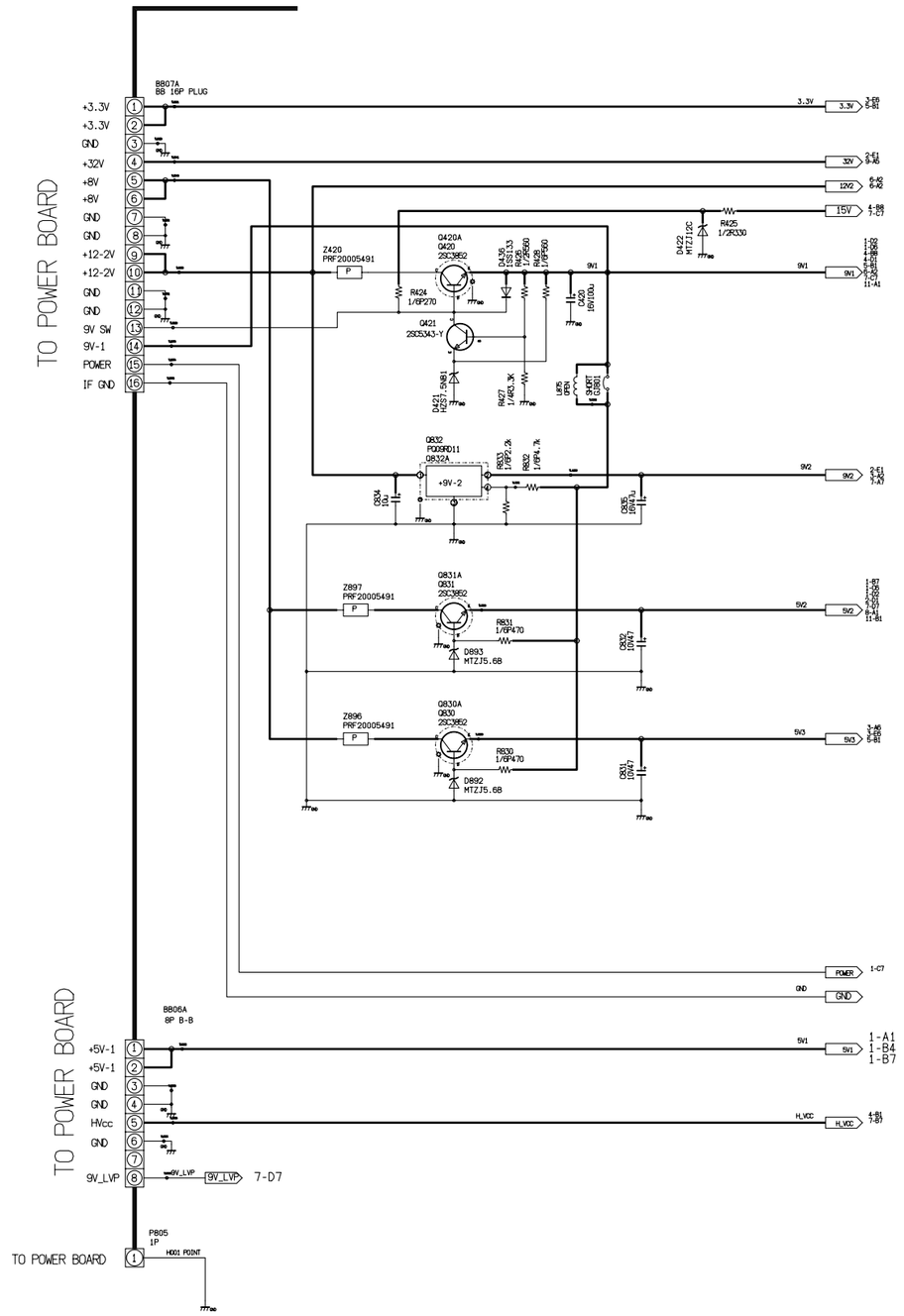

Q4200
TA1318AF
DAC3
VD2-OUT
VD1-OUT
NC
SYNC1 -IN
DAC1
SYNC2 -IN
Address SW
SCL
SDA
NC
HD2-OUT
DIGITAL GND
NC
CP-OUT
HD1-OUT
HD2-IN
VD2-IN
HD1-IN
VD1-IN
Analog GND
NC
AFC Filter
NC
HVCO
NC
Vcc
DAC2
VD3 -IN
HD3-IN
C4422 1u NP
R4426 OPEN
GND
R4474 100
R4473 100
R4430 6.2K
C4416 1u
X4010 TCR1023
R4408 360
C4415 0.01
C4414 0.01
C4413 16V330
L499 TEM2011AW
HVcc


QA27
JLC1562BFEL
VSS
P3
P2
P1
P0
A2
A1
A0
P4
P5
P6
P7
VDAC
SCL
SDA
VDD
GND
R671 1k
RA33 10k
CA95 0.01
RA195 100
RA191 100
RA192 100
DA170 MA8062-H
CA98 16V22

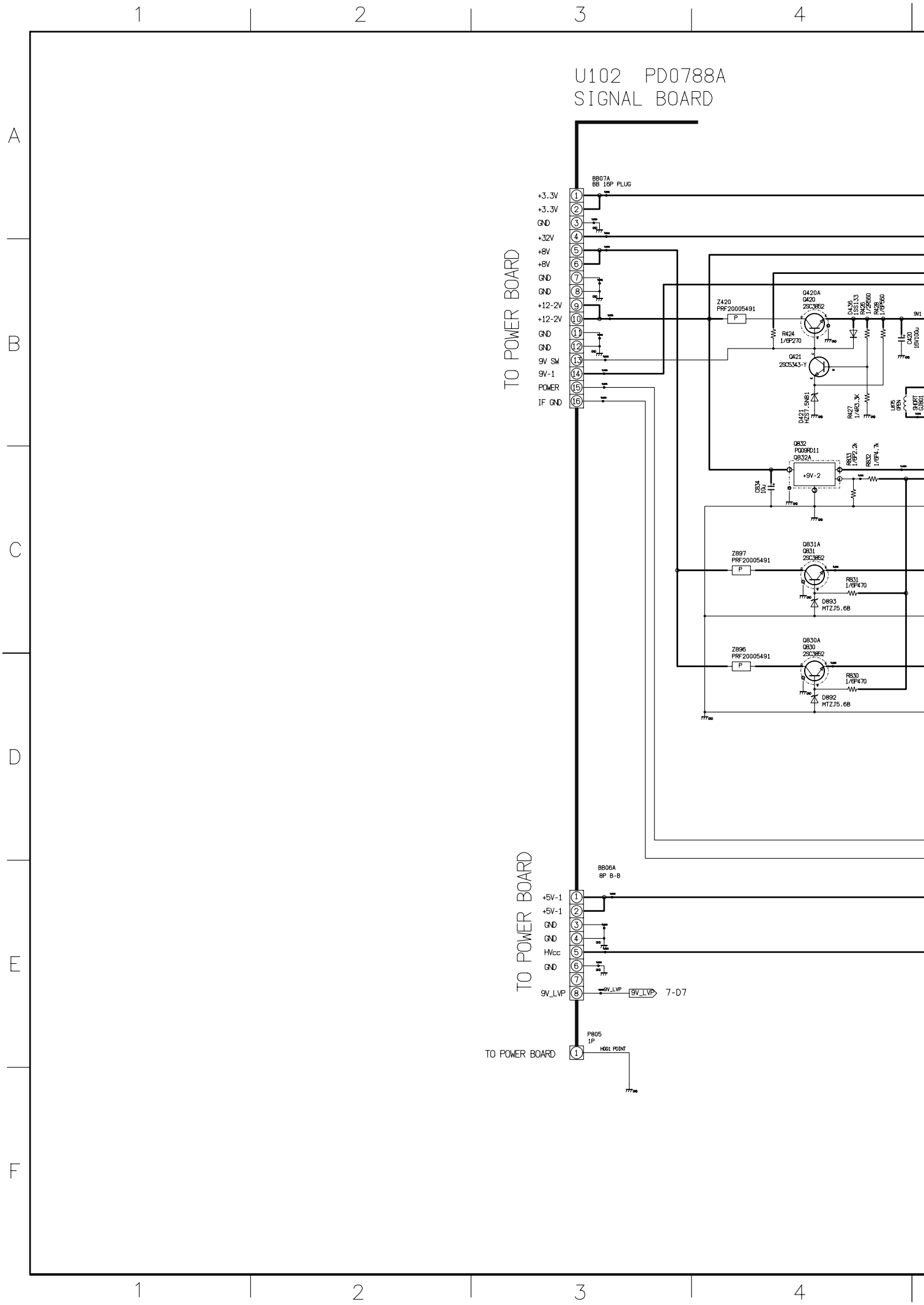


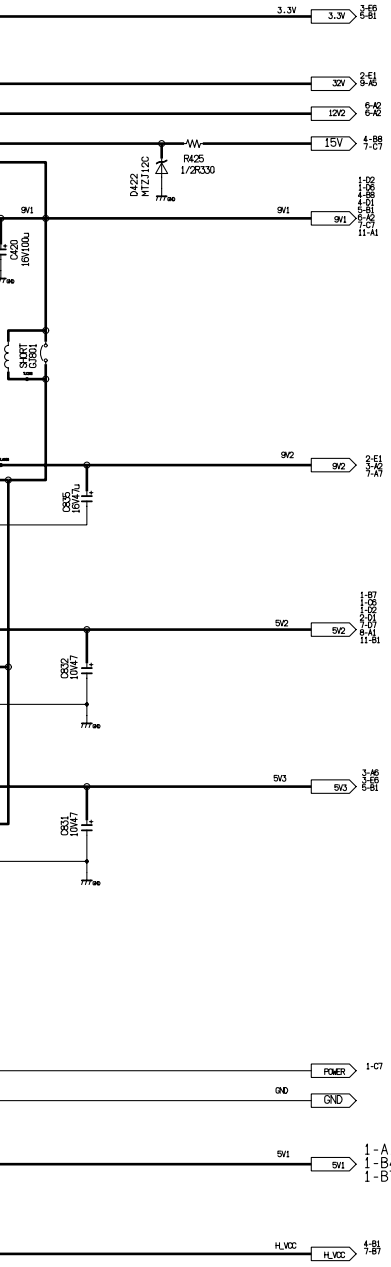
36SW9UA
SIGNAL - FREQ_DET & EXPANDER
[SHEET-7/9]

U102 PD0788A
SIGNAL BOARD

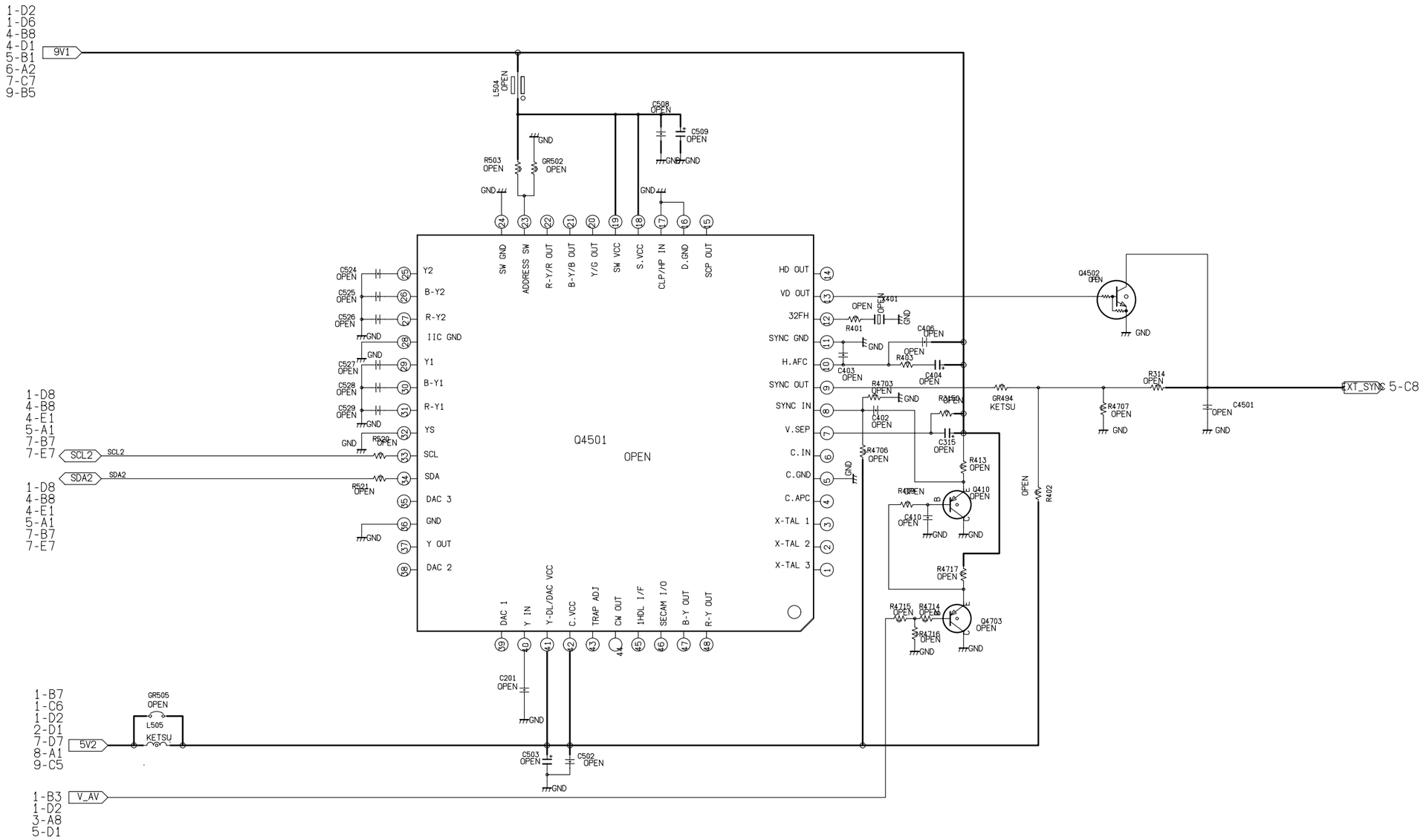


36SW9UA
SIGNAL - REGU-OUT
[SHEET-8/9]

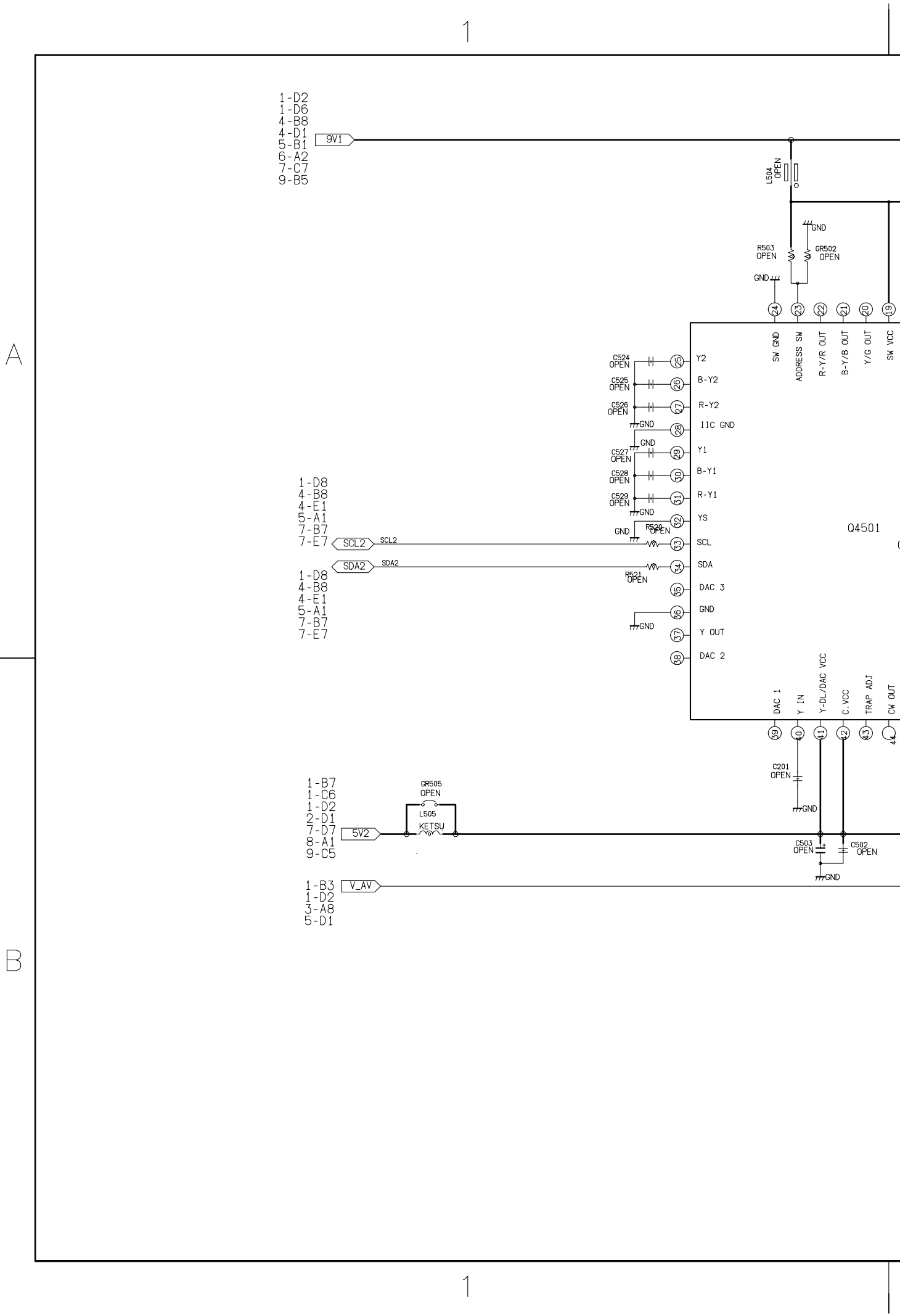

U102 PD0788A
SIGNAL BOARD
TO POWER BOARD
BB07A
BB 16P PLUG
+3.3V
+3.3V
GND
+32V
+8V
+8V
GND
GND
+12-2V
+12-2V
GND
GND
9V SW
9V-1
POWER
IF GND
Z420
PRF20005491
Q420A
Q420
2SC3852
D436
1SS133
R426
1/6P360
R428
1/6P560
9V1
R424
1/6P270
C420
16V100u
Q421
2SC5343-Y
D421
HZS7.5NB1
R427
1/4R3.3K
LR75
OPEN
SHORT
CB01
Q832
PQ09RD11
Q832A
+9V-2
R833
1/6P2.2k
R832
1/6P4.7k
C834
10u
Z897
PRF20005491
Q831A
Q831
2SC3852
R831
1/6P470
D893
MTZJ5.6B
Z896
PRF20005491
Q830A
Q830
2SC3852
R830
1/6P470
D892
MTZJ5.6B
TO POWER BOARD
BB06A
8P B-B
+5V-1
+5V-1
GND
GND
HVcc
GND
9V_LVP
9V_LVP
9V_LVP
7-D7
P805
1P
TO POWER BOARD
HD01 POINT

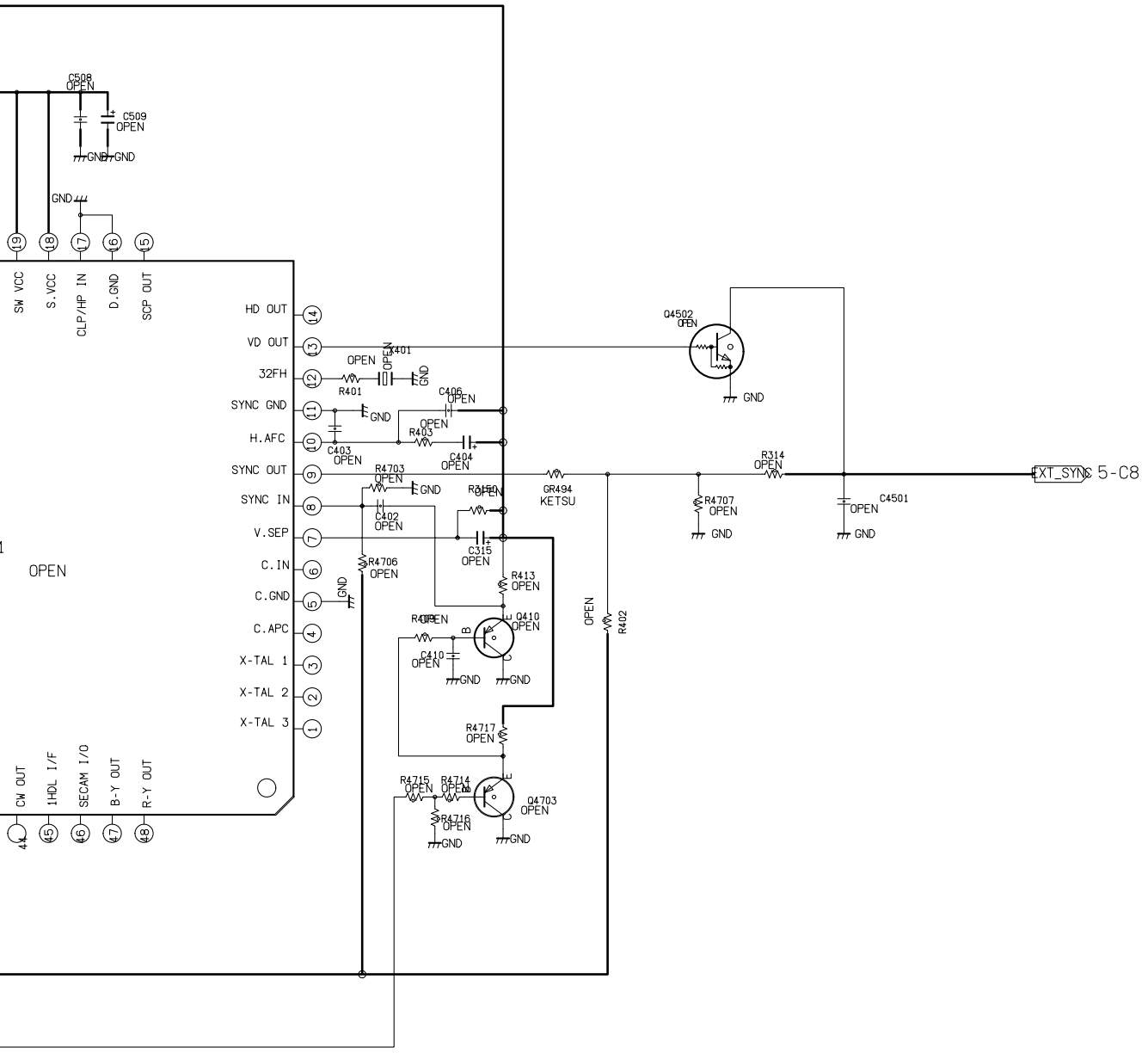


36SW9UA
SIGNAL - REGU-OUT
[SHEET-8/9]

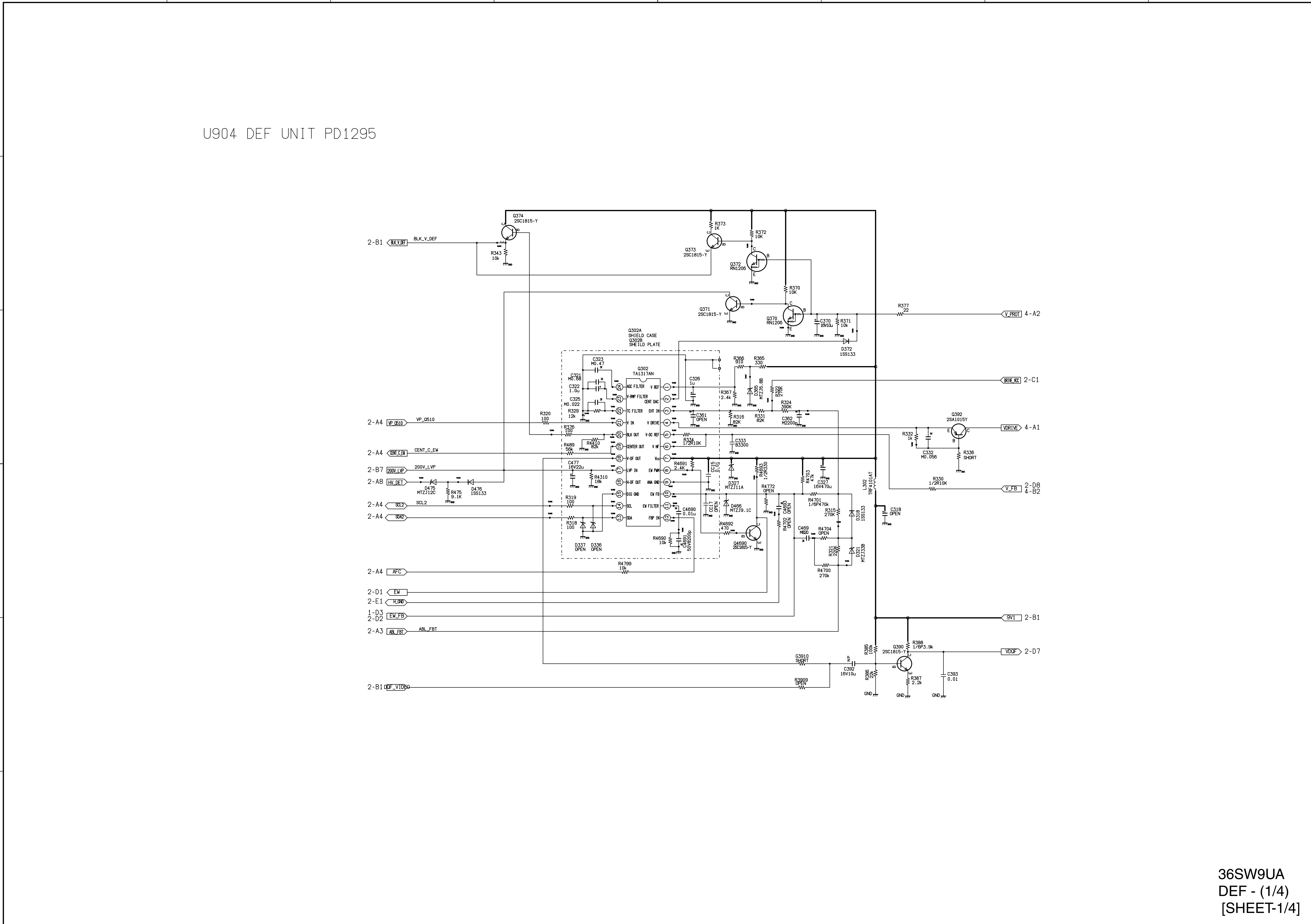


36SW9UA
SIGNAL - (9/9)
[SHEET-9/9]

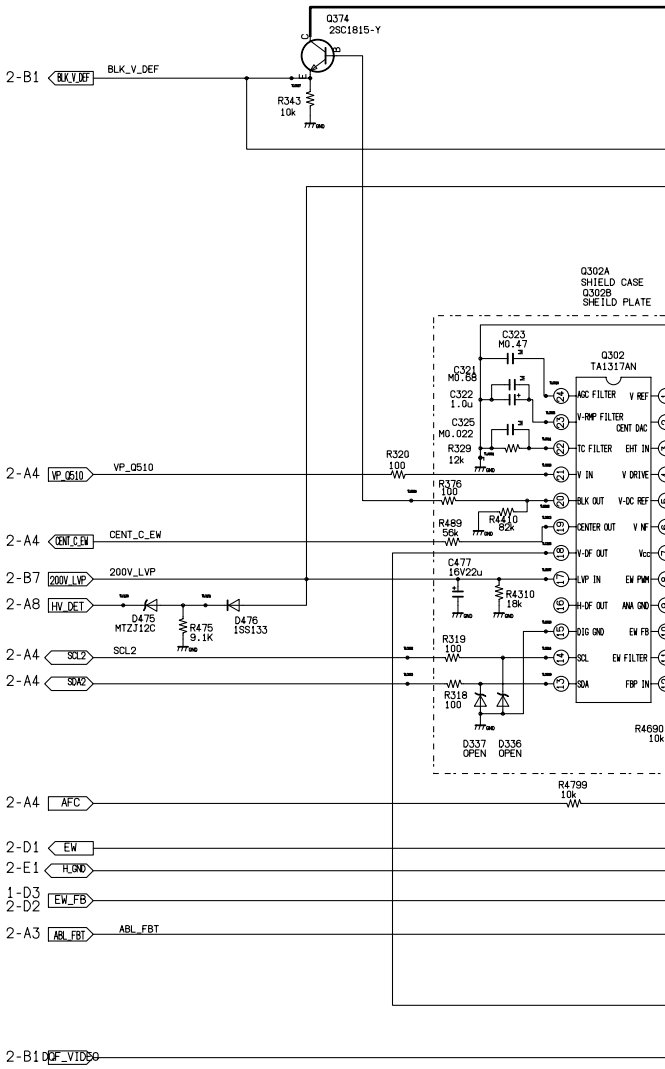

1-D2
1-D6
4-B8
4-D1
5-B1
6-A2
7-C7
9-B5
9V1
L504
OPEN
GND
R503
OPEN
GR502
OPEN
SW GND
ADDRESS SW
R-Y/R OUT
B-Y/B OUT
Y/G OUT
SW VCC
C524
OPEN
C525
OPEN
C526
OPEN
C527
OPEN
C528
OPEN
C529
OPEN
Y2
B-Y2
R-Y2
IIC GND
Y1
B-Y1
R-Y1
YS
SCL
SDA
DAC 3
GND
Y OUT
DAC 2
R520
OPEN
R521
OPEN
Q4501
1-D8
4-B8
4-E1
5-A1
7-B7
7-E7
SCL2
SDA2
DAC 1
Y IN
Y-DL/DAC VCC
C.VCC
TRAP ADJ
CW OUT
C201
OPEN
1-B7
1-C6
1-D2
2-D1
7-D7
8-A1
9-C5
5V2
GR505
OPEN
L505
KETSU
C503
OPEN
C502
OPEN
1-B3
1-D2
3-A8
5-D1
V_AV

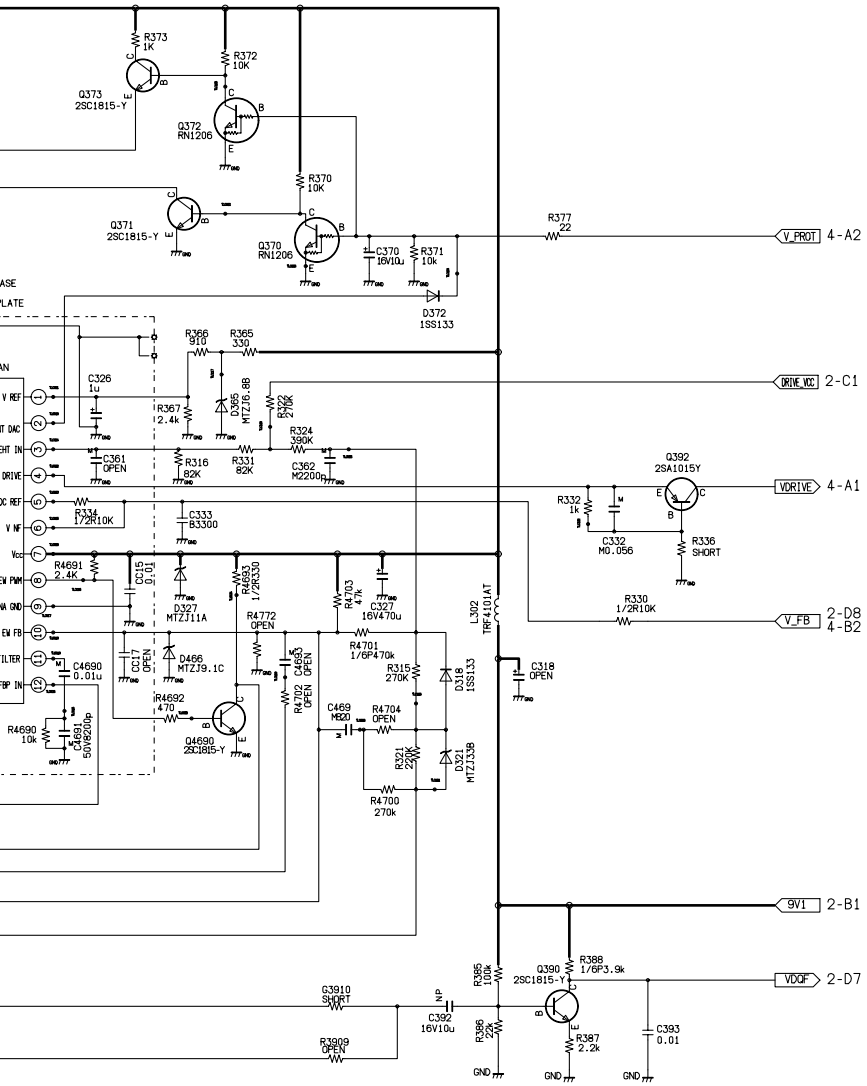


36SW9UA
SIGNAL - (9/9)
[SHEET-9/9]


U904 DEF UNIT PD1295
Q374 2SC1815-Y
BLK_V_DEF
2-B1
R343 10k
R373 1K
Q373 2SC1815-Y
R372 10K
Q372 RN1206
R370 10K
Q371 2SC1815-Y
Q370 RN1206
C370 16V10u
R371 10k
R377 22
V_PROT 4-A2
D372 1SS133
Q302A SHIELD CASE
Q302B SHEILD PLATE
Q302 TA1317AN
C323 M0.47
C321 M0.68
C322 1.0u
C325 M0.022
R329 12k
C326 1u
R366 910
R365 330
R367 2.4k
D365 MTZJ6.8B
R322 270K
DRIVE_VCC 2-C1
R324 390K
R316 82K
R331 82K
C362 M2200p
C361 OPEN
Q392 2SA1015Y
VDRIVE 4-A1
R332 1k
C332 M0.056
R336 SHORT
R320 100
VP_Q510 2-A4
R376 100
R489 56k
R4410 82k
R334 1/2R10K
C333 B3300
CENT_C_EW 2-A4
200V_LVP 2-B7
HV_DET 2-A8
D475 MTZJ12C
R475 9.1K
D476 1SS133
C477 16V22u
R4310 18k
R4691 2.4K
CC15 0.01
D327 MTZJ11A
R4693 1/2R330
R4703 47k
C327 16V470u
L302 TRF4101AT
R330 1/2R10K
V_FB 2-D8 4-B2
R319 100
SCL2 2-A4
SDA2 2-A4
R318 100
D337 OPEN
D336 OPEN
C4690 0.01u
CC17 OPEN
D466 MTZJ9.1C
R4772 OPEN
C4693 OPEN
R4701 1/6P470k
R315 270K
D318 1SS133
C318 OPEN
R4692 470
Q4690 2SC1815-Y
R4702 OPEN
C469 M820
R4704 OPEN
R321 220K
D321 MTZJ33B
R4690 10k
C4691 50V8200p
R4700 270k
R4799 10k
AFC 2-A4
EW 2-D1
H_GND 2-E1
EW_FB 1-D3 2-D2
ABL_FBT 2-A3
9V1 2-B1
R385 100k
Q390 2SC1815-Y
R388 1/6P3.9k
VDQF 2-D7
G3910 SHORT
C392 16V10u
R386 22k
R387 2.2k
C393 0.01
R3909 OPEN
DQF_VIDEO 2-B1
GND
36SW9UA
DEF - (1/4)
[SHEET-1/4]

U904 DEF UNIT PD1295

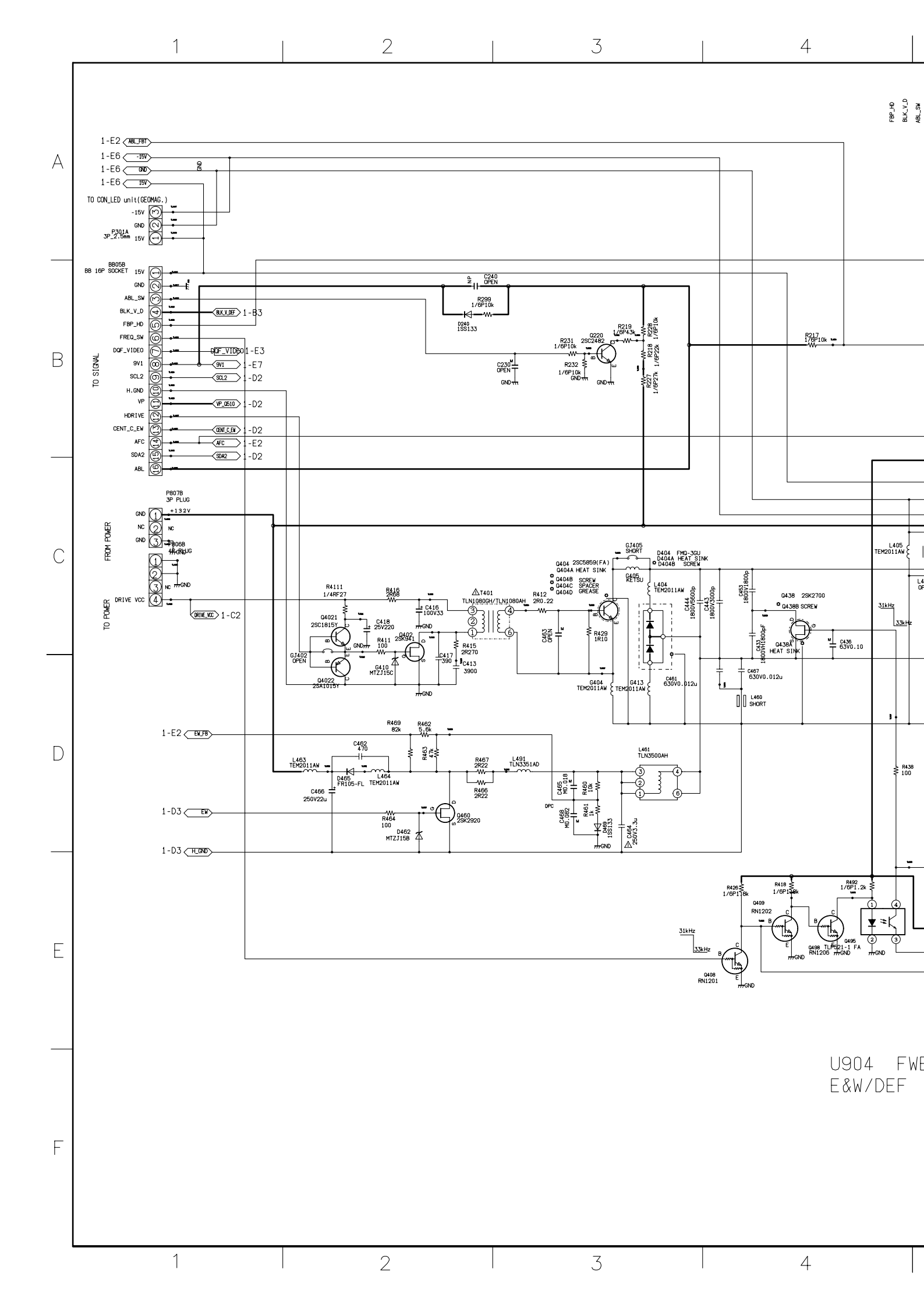


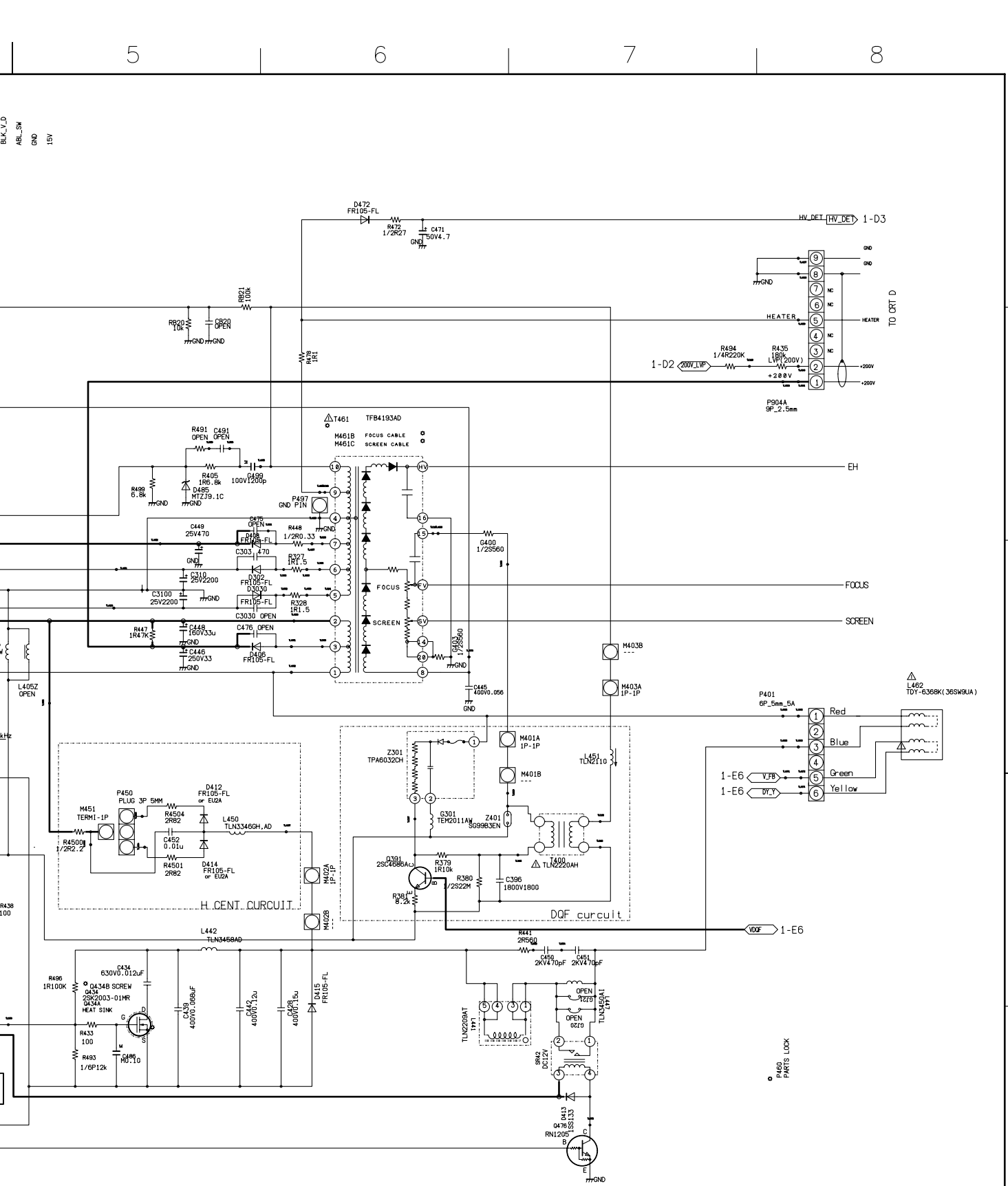


36SW9UA
DEF - (1/4)
[SHEET-1/4]

U904 FWEF110
E&W/DEF

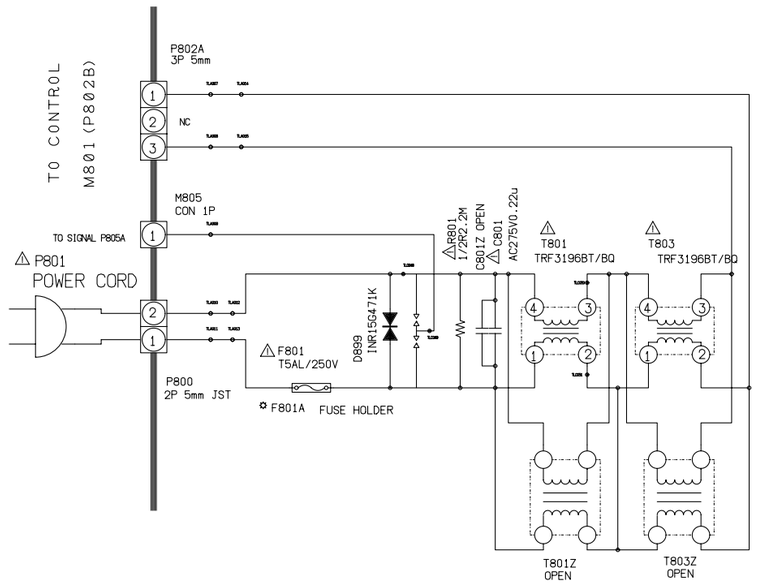
36SW9UA
DEF - E&W/DEF
[SHEET-2/4]


1-E2 ABL_FBT
1-E6 -15V
1-E6 GND
1-E6 15V
TO CON_LED unit(GEOMAG.)
P301A 3P_2.5mm
BB05B BB 16P SOCKET
TO SIGNAL
BLK_V_D 1-B3
DQF_VIDEO 1-E3
9V1 1-E7
SCL2 1-D2
VP_0510 1-D2
CENT_C_EW 1-D2
AFC 1-E2
SDA2 1-D2
ABL
C240 OPEN
R299 1/6P10k
D240 1SS133
C230 OPEN
R231 1/6P10k
R232 1/6P10k
Q220 2SC2482
R219 1/6P43k
R228 1/6P10k
R218 1/6P22k
R227 1/6P27k
R217 1/6P10k
P807B 3P PLUG
FROM POWER
TO POWER
+132V
DRIVE VCC 1-C2
R4111 1/4RF27
R418 2K68
C416 100V33
T401 TLN1080GH/TLN1080AH
R412 2R0.22
Q4021 2SC1815Y
Q4022 2SA1015Y
C418 25V220
R411 100
Q402 2SK941
G410 MTZJ15C
C417 390
R415 2R270
C413 3900
GJ402 OPEN
C463 OPEN
R429 1R10
GJ405 SHORT
D404 FMQ-3GU
D404A HEAT SINK
D404B SCREW
Q404 2SC5859(FA)
Q404A HEAT SINK
Q404B SCREW
Q404C SPACER
Q404D GREASE
G405 KETSU
L404 TEM2011AW
G404 TEM2011AW
G413 TEM2011AW
C461 630V0.012u
C444 1800V1800p
C443 1800V3000p
C453 1800V1800p
C433 1800V1800pF
Q438 2SK2700
Q438B SCREW
Q438A HEAT SINK
C436 63V0.10
C467 630V0.012u
L460 SHORT
L405 TEM2011AW
31kHz
33kHz
1-E2 EW_FB
1-D3 EW
1-D3 H_GND
R469 82k
R462 5.6k
R463 1k
C462 470
L463 TEM2011AW
D465 FR105-FL
L464 TEM2011AW
C466 250V22u
R467 2R22
R466 2R22
L491 TLN3351AD
L461 TLN3500AH
C465 M0.018
R450 10k
R461 1k
D463 1SS133
C464 25V13.3u
R464 100
D462 MTZJ15B
Q460 2SK2920
DPC
R438 100
R426 1/6P1.8k
R418 1/6P1.8k
R492 1/6P1.2k
Q409 RN1202
Q408 RN1201
Q498 TLP521-1 FA
Q495 RN1206
U904 FWB
E&W/DEF

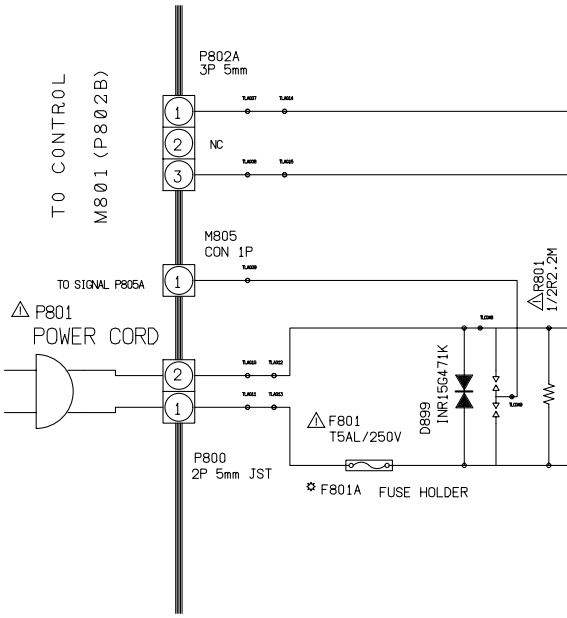


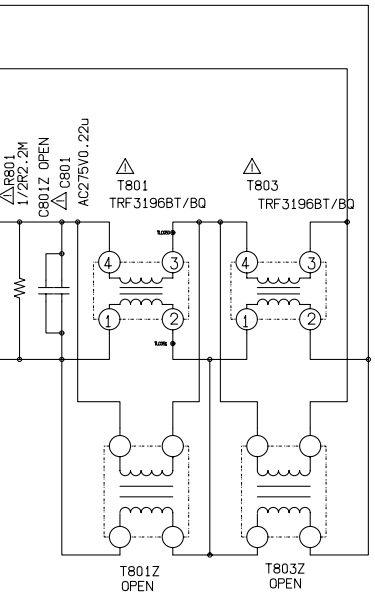
FWEF110

36SW9UA
DEF - E&W/DEF
[SHEET-2/4]

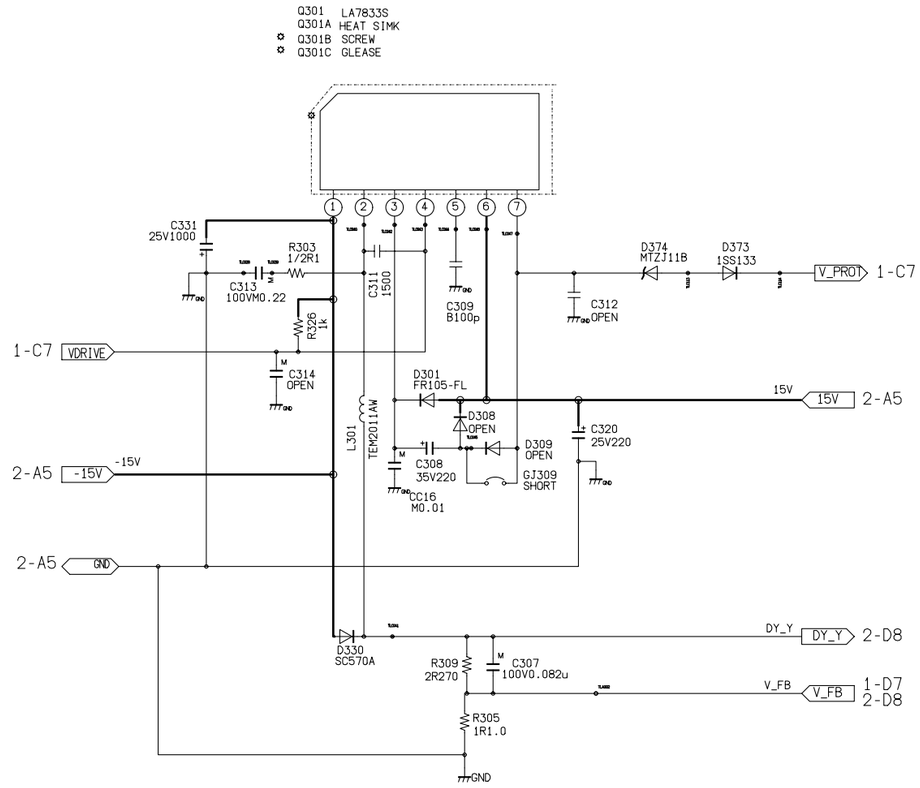


36SW9UA
DEF - (3/4)
[SHEET-3/4]

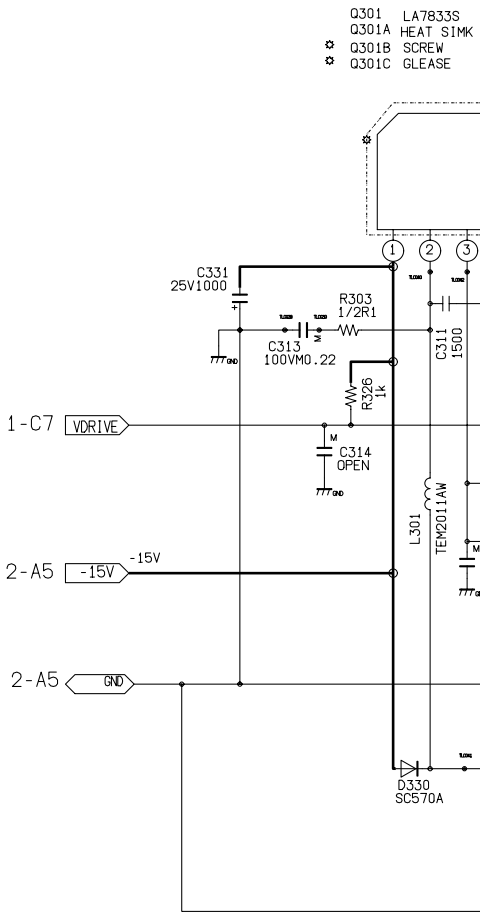

TO CONTROL
M801(P802B)
P802A
3P 5mm
1
2
3
NC
M805
CON 1P
1
TO SIGNAL P805A
P801
POWER CORD
2
1
P800
2P 5mm JST
F801
T5AL/250V
F801A FUSE HOLDER
D899
INR15G471K
R801
1/2R2.2M

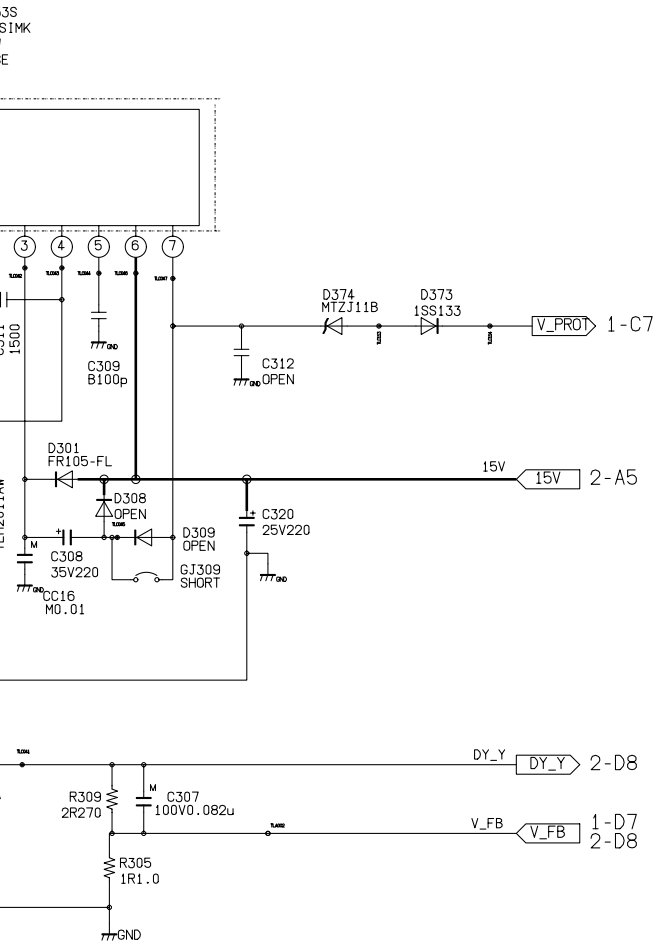


36SW9UA
DEF - (3/4)
[SHEET-3/4]



36SW9UA
DEF - (4/4)
[SHEET-4/4]


Q301 LA7833S
Q301A HEAT SIMK
Q301B SCREW
Q301C GLEASE
C331
25V1000
R303
1/2R1
C313
100VM0.22
C311
1500
R326
1k
1-C7
VDRIVE
C314
OPEN
L301
TEM2011AW
2-A5
-15V
-15V
2-A5
GND
D330
SC570A

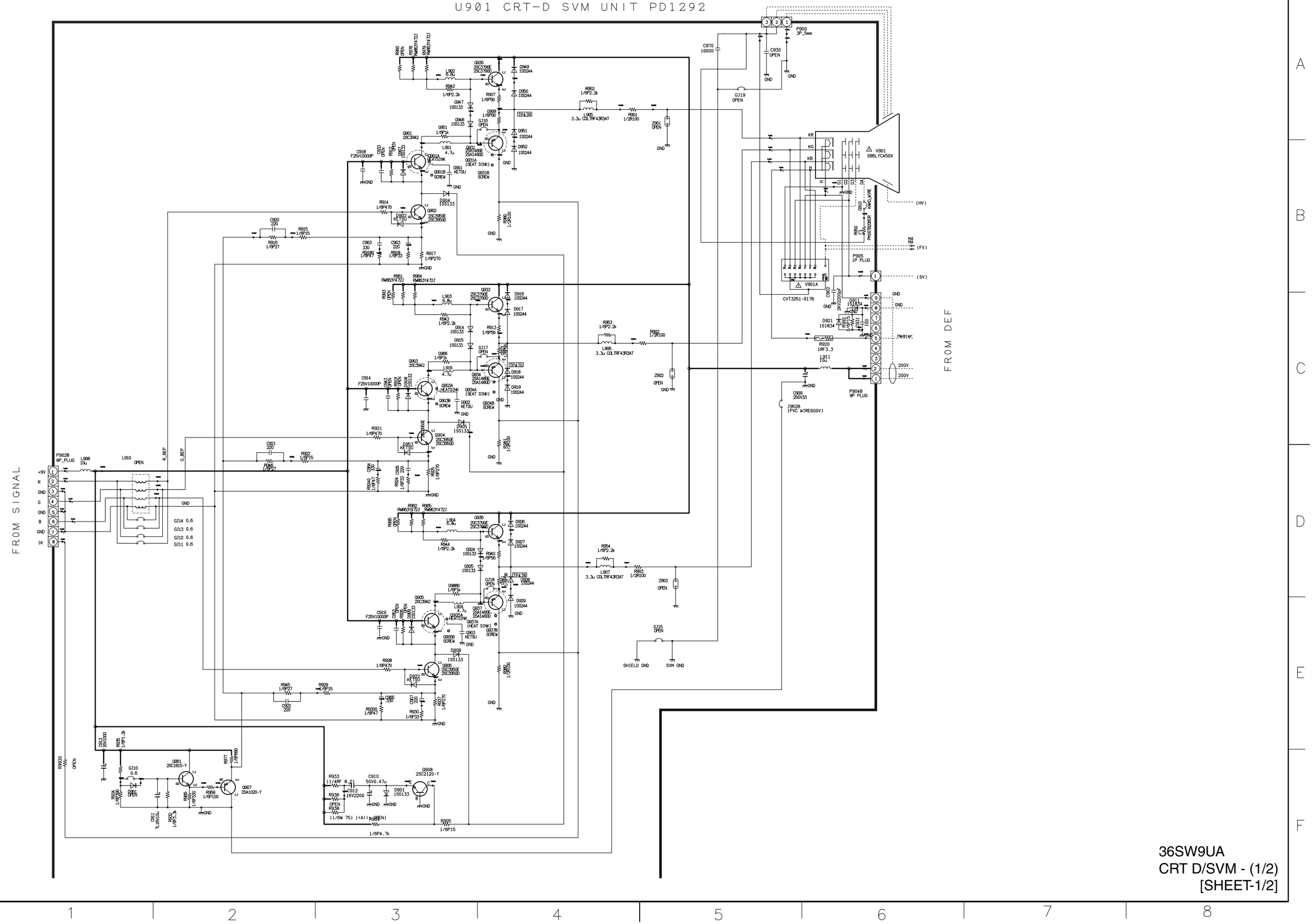


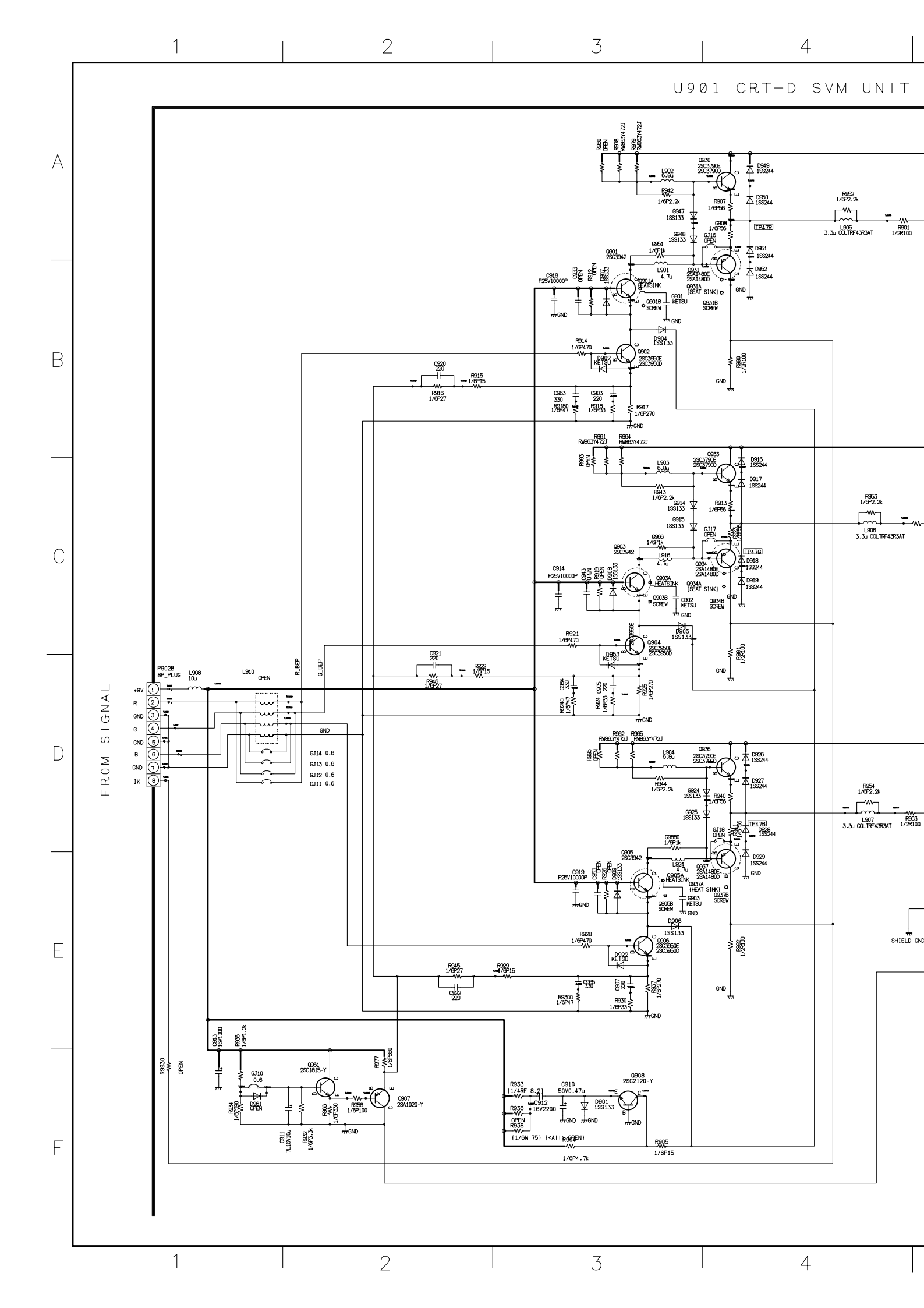
A

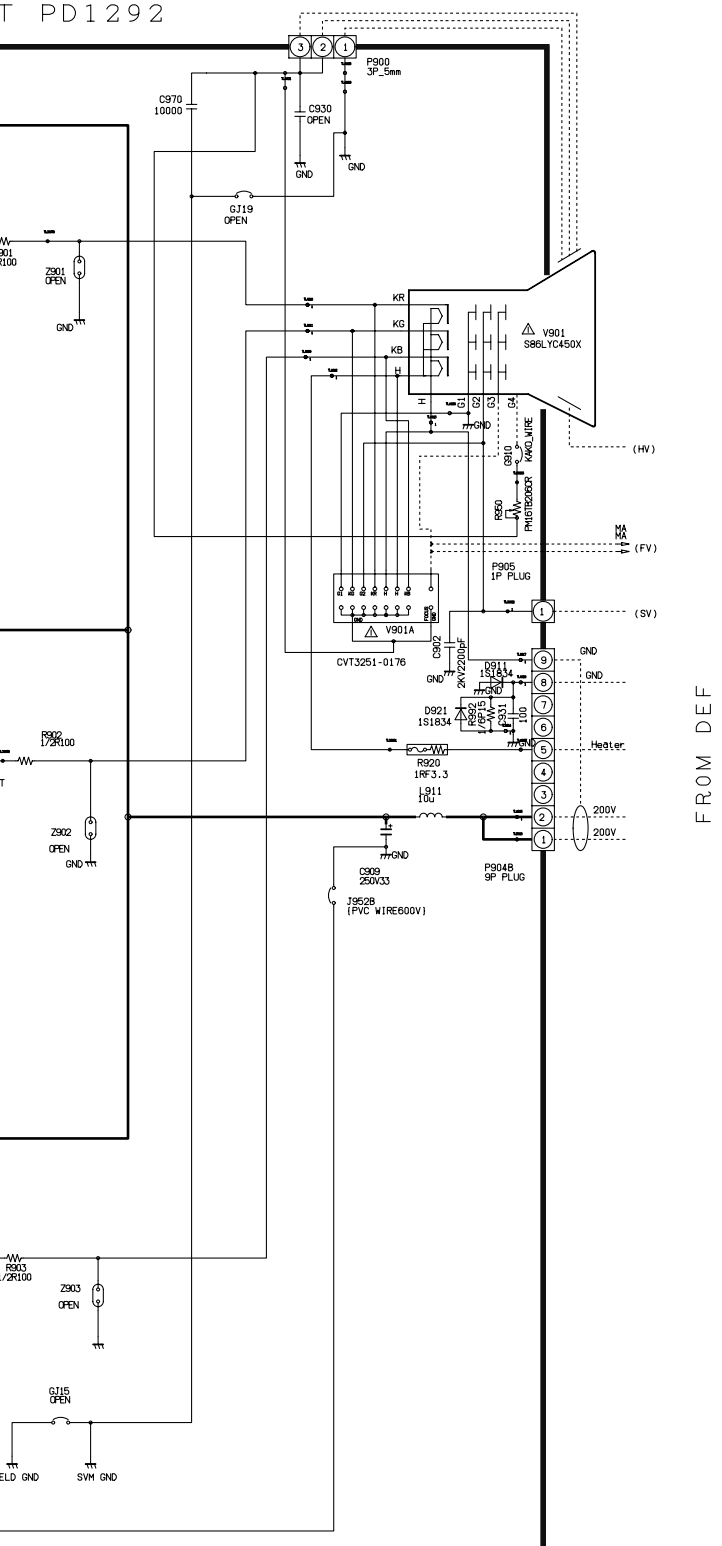
B

36SW9UA
DEF - (4/4)
[SHEET-4/4]

U901 CRT-D SVM UNIT PD1292

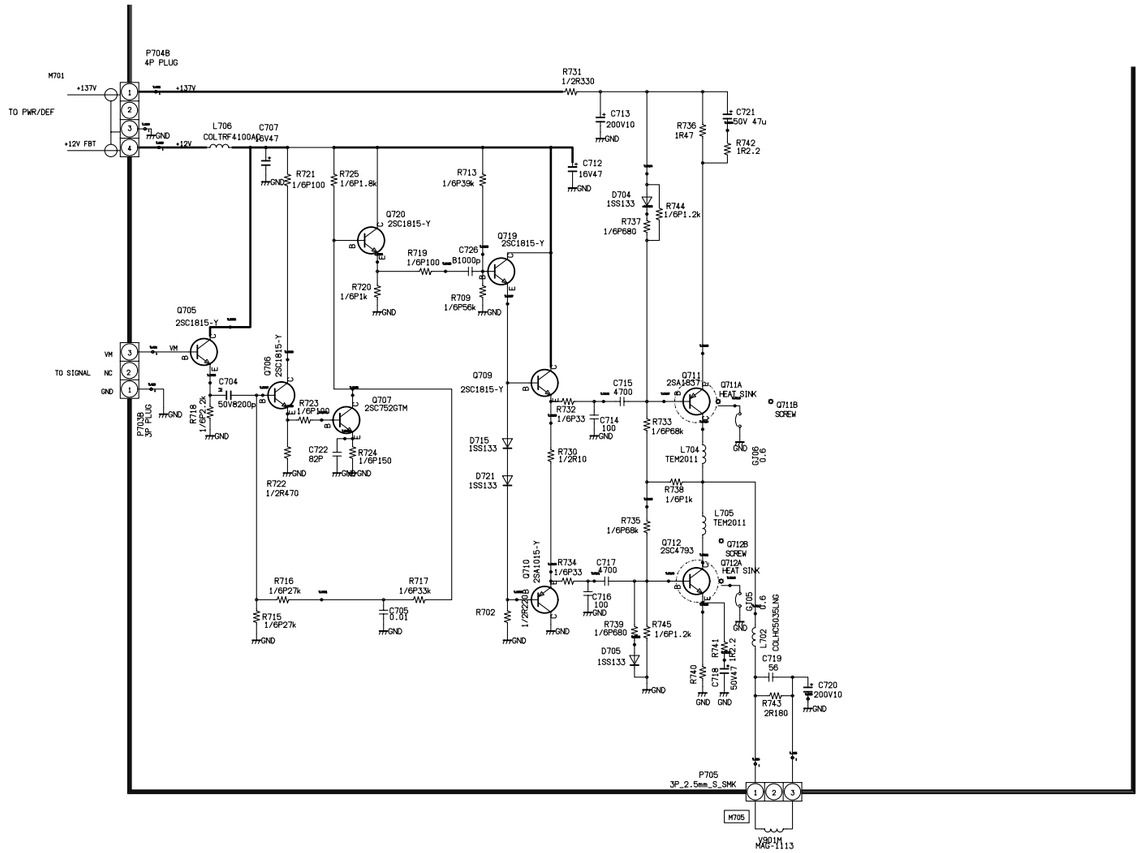



FROM SIGNAL
P902B
8P_PLUG
+9V
R
GND
G
GND
B
GND
IK
L908
10u
L910
OPEN
R_BEP
G_BEP
GJ14 0.6
GJ13 0.6
GJ12 0.6
GJ11 0.6
Q930
2SC3790E
2SC3790D
Q931
2SA1480E
2SA1480D
Q931A
{SEAT SINK}
Q901A
HEATSINK
Q901B
SCREW
Q901
KETSU
Q902
2SC3950E
2SC3950D
Q933
Q903
Q903A
Q903B
Q934
Q934A
Q934B
Q904
Q936
Q905
Q905A
Q905B
Q937
Q937A
Q937B
Q906
Q907
2SA1020-Y
Q908
2SC2120-Y
Q961
2SC1815-Y
Q901
2SC3942
L902
6.8u
L903
L904
L916
4.7u
L924
L901
4.7u
L905
3.3u COILTRF43R3AT
L906
L907
D949
1SS244
D950
D951
D952
D916
D917
D918
D919
D926
D927
D928
D929
D901
1SS133
D902
D903
D904
D905
D906
D922
D923
D951
R960
OPEN
R978
RM863Y472J
R979
R942
1/6P2.2k
R907
1/6P56
R908
R947
1SS133
R948
R951
1/6P1k
R952
R901
1/2R100
R961
R964
R943
R913
R953
R966
R921
R922
R915
1/6P15
R916
1/6P27
R914
1/6P470
R917
1/6P270
R918
1/6P33
R9180
1/6P47
R962
R965
R944
R940
R954
R903
R928
R929
R945
R9300
R930
R931
R932
1/6P3.3k
R933
[1/4RF 8.2]
R934
R935
1/6P1.2k
R936
R937
R938
OPEN
R939
1/6W 75 {<All>}
R905
1/6P15
R906
1/6P4.7k
R9930
OPEN
C918
F25V10000P
C919
C914
C920
220
C921
C922
C963
330
C903
220
C964
C905
C907
C910
50V0.47u
C912
16V2200
C911
7L16V10u
C913
10V1000
SHIELD GND
TP4.7R
TP4.7G
GJ15
OPEN
GJ16
OPEN
GJ17
OPEN
GJ18
OPEN
GJ10
0.6
GND

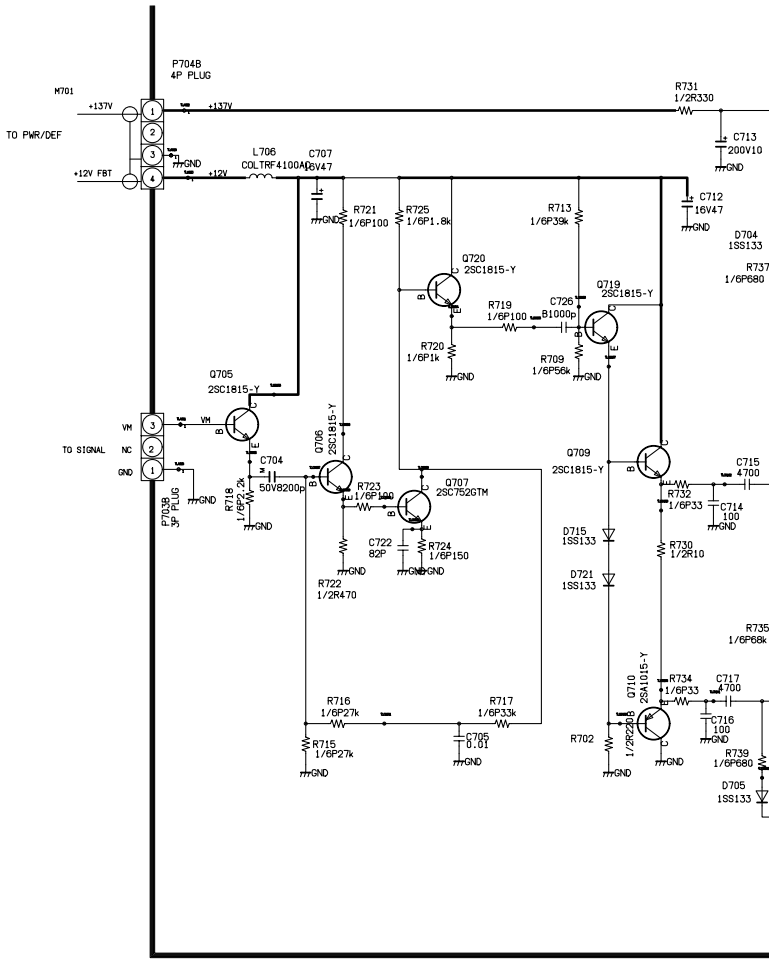


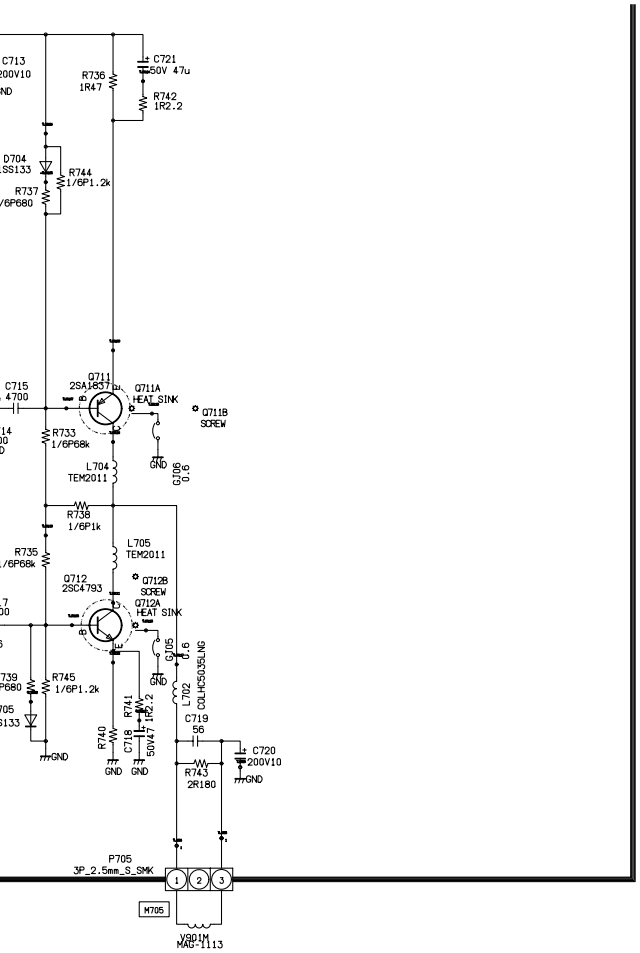
FROM DEF

36SW9UA
CRT D/SVM - (1/2)
[SHEET-1/2]



36SW9UA
CRT D/SVM - (2/2)
[SHEET-2/2]

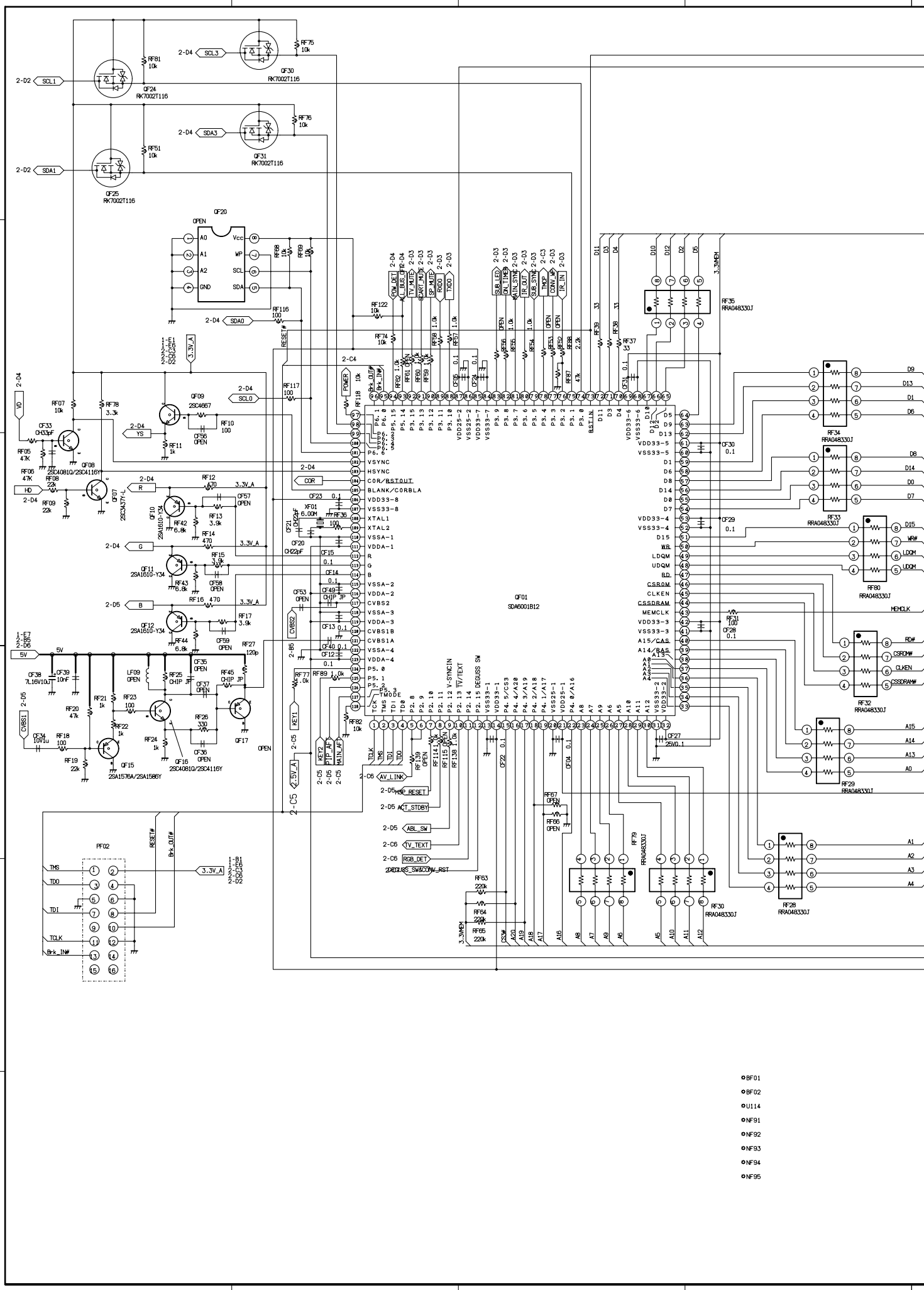

P704B
4P PLUG
M701
+137V
TO PWR/DEF
+12V FBT
L706
COILTRF4100A
C707
16V47
R731
1/2R330
C713
200V10
C712
16V47
D704
1SS133
R737
1/6P680
R721
1/6P100
R725
1/6P1.8k
R713
1/6P39k
Q720
2SC1815-Y
Q719
2SC1815-Y
C726
B1000p
R719
1/6P100
R720
1/6P1k
R709
1/6P56k
Q705
2SC1815-Y
VM
TO SIGNAL
NC
GND
P703B
3P PLUG
C704
50V8200p
R718
1/6P2.2k
Q706
2SC1815-Y
R723
1/6P100
Q707
2SC752GTM
C722
82P
R724
1/6P150
R722
1/2R470
Q709
2SC1815-Y
C715
4700
R732
1/6P33
C714
100
D715
1SS133
D721
1SS133
R730
1/2R10
R735
1/6P68k
R716
1/6P27k
R717
1/6P33k
R715
1/6P27k
C705
0.01
Q710
2SA1015-Y
R734
1/6P33
C717
4700
C716
100
R702
1/2R220B
R739
1/6P680
D705
1SS133

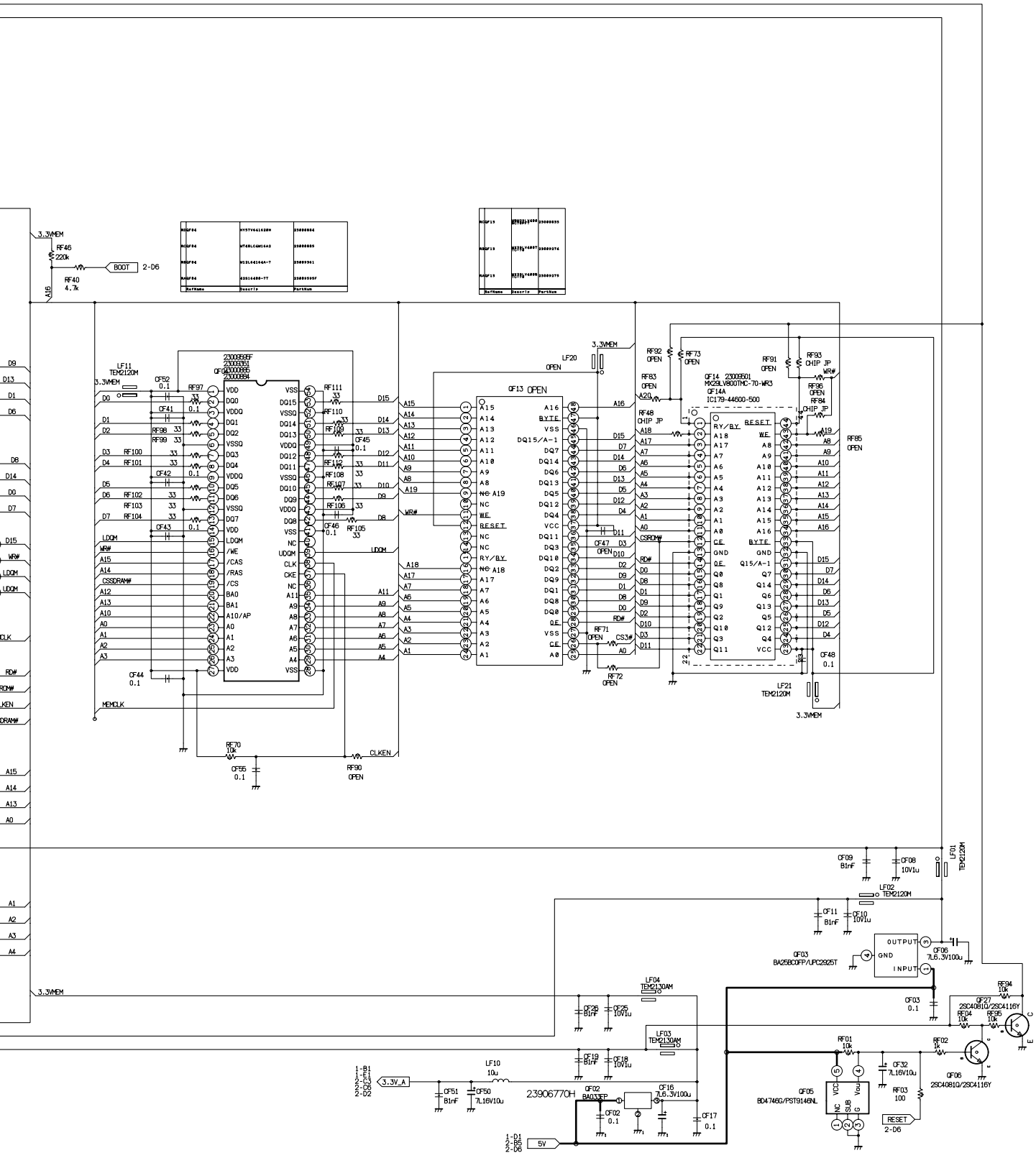


36SW9UA
CRT D/SVM - (2/2)
[SHEET-2/2]

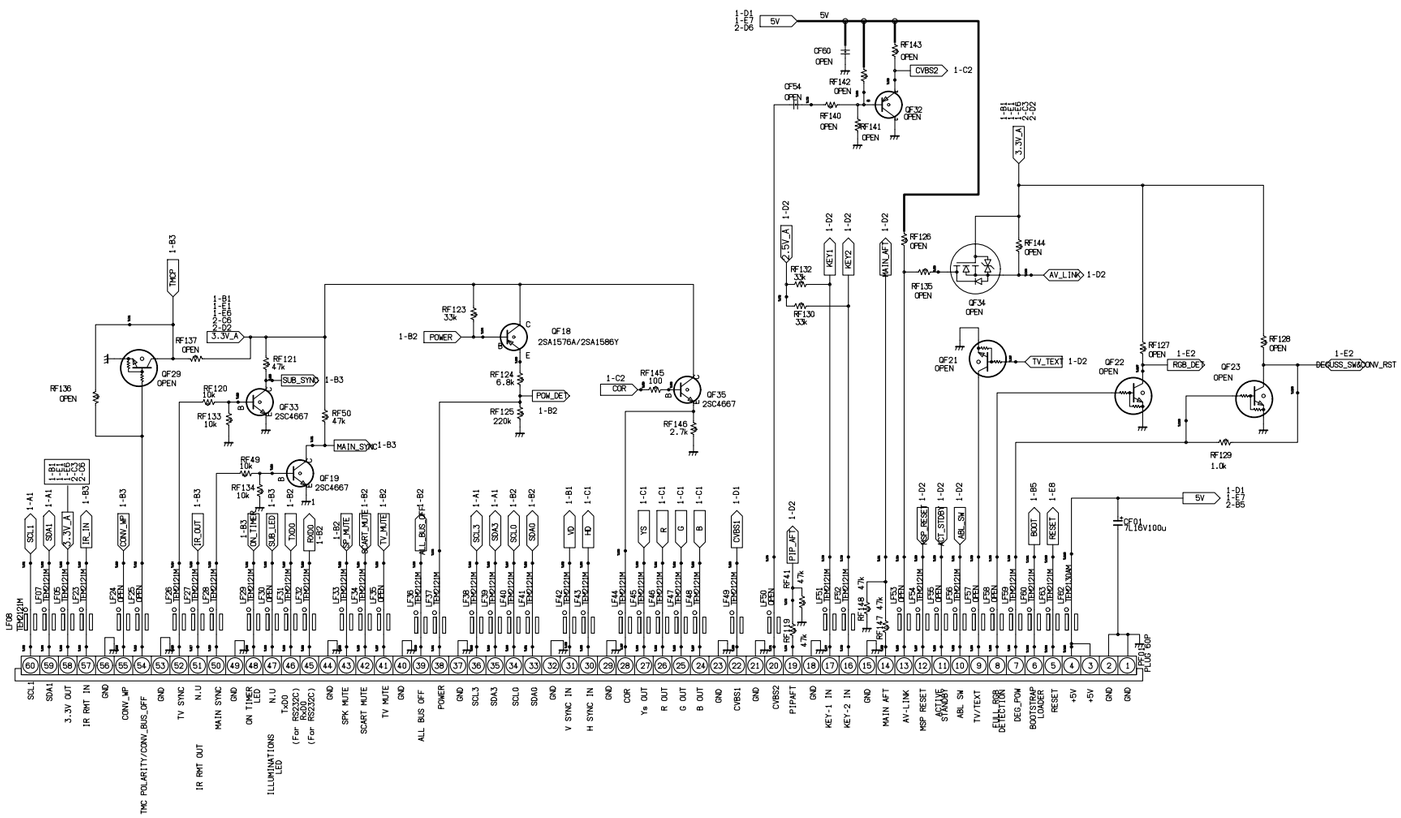
U101 EPG-M2 UNIT PD1291

36SW9UA
EPG-M2 - (1/2)
[SHEET-1/2]

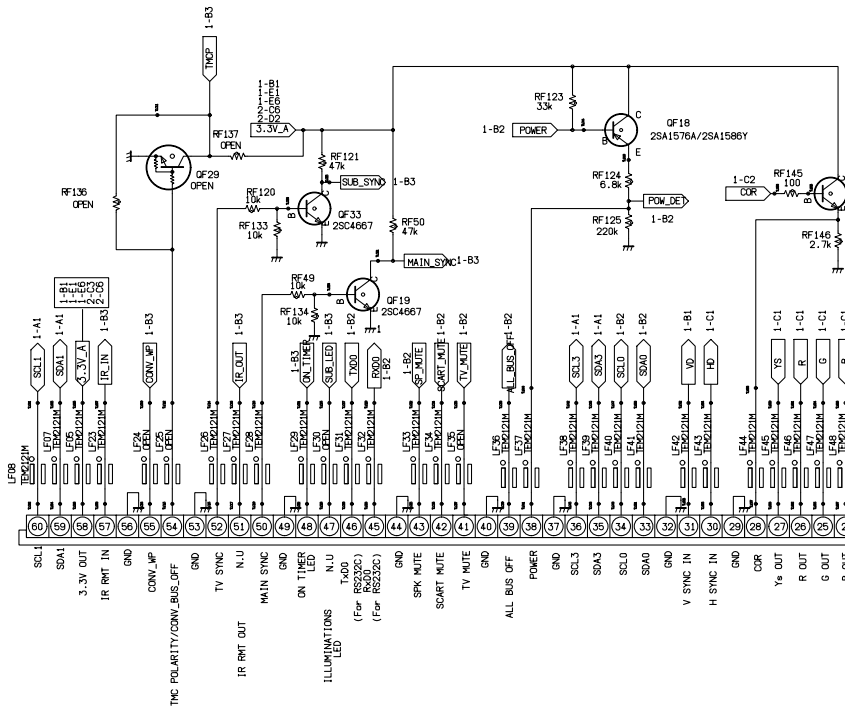

QF01
SDA6001B12
QF20
QF30
RK7002T116
QF24
RK7002T116
QF31
RK7002T116
QF25
RK7002T116
QF09
2SC4667
QF08
2SC4081Q/2SC4116Y
QF07
2SC3437-L
QF10
2SA1610-Y34
QF11
2SA1610-Y34
QF12
2SA1610-Y34
QF15
2SA1576A/2SA1586Y
QF16
2SC4081Q/2SC4116Y
QF17
RF35
RRA048330J
RF34
RRA048330J
RF33
RRA048330J
RF80
RRA048330J
RF32
RRA048330J
RF29
RRA048330J
RF28
RRA048330J
RF30
RRA048330J
RF79
RRA048330J
PF02
XF01
6.00M
SCL1
SDA1
SCL3
SDA3
SDA0
SCL0
VD
HD
YS
R
G
B
COR
CVBS1
CVBS2
KEY1
KEY2
PIP_JP
MAIN_JP
CHIP JP
OPEN
3.3V_A
2.5V_A
5V
RESET#
Brk_OUT#
Brk_IN#
TMS
TDO
TDI
TCLK
AV_LINK
MSP_RESET
ACT_STDBY
ABL_SW
TV_TEXT
RGB_DET
DEGAUSS_SW&CONV_RST
SCART_MUTE
TV_MUTE
SUB_LED
DAL_TIMER
MAIN_SYNC
TR_OUT
SUB_SYNC
TMCP
CONV_JP
IR_IN
TXD0
RXD0
MEMCLK
CSROM
CLKEN
CSSDRAM
WRW
LDQM
UDQM
RD#
BSTIN
VSYNC
HSYNC
BLANK/CORBLA
XTAL1
XTAL2
CVBS2
CVBS1B
CVBS1A
V-SYNCIN
TV/TEXT
TWODE
BF01
BF02
U114
NF91
NF92
NF93
NF94
NF95

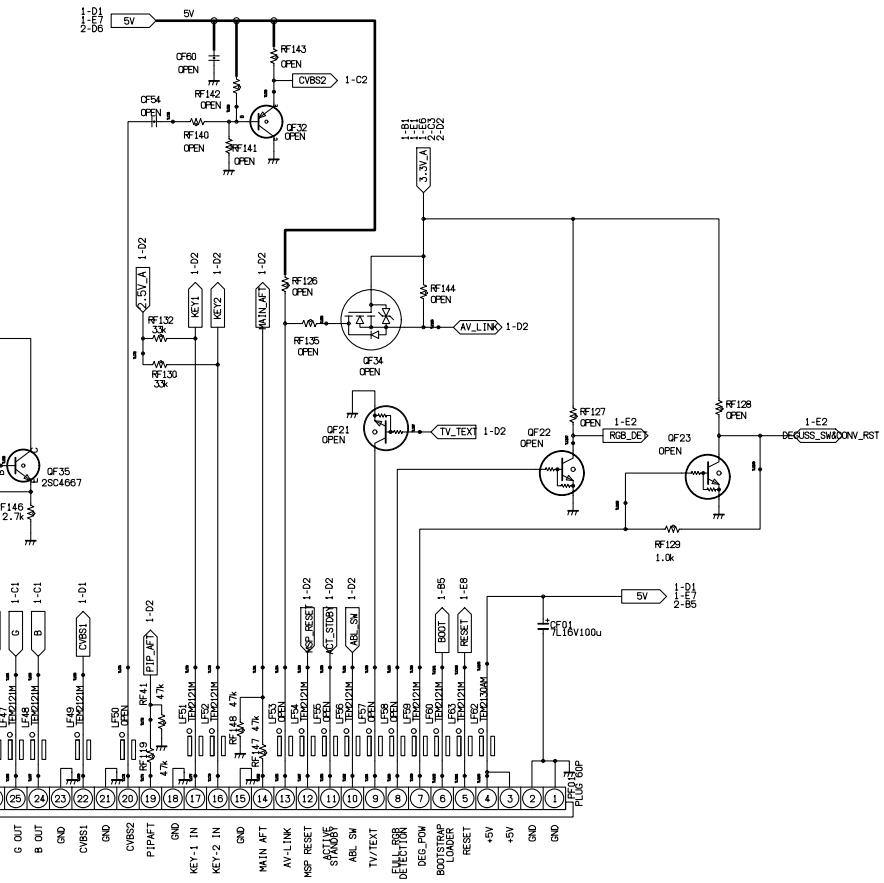


36SW9UA
EPG-M2 - (1/2)
[SHEET-1/2]



36SW9UA
EPG-M2 - (2/2)
[SHEET-2/2]


TMCP
3.3V_A
RF137 OPEN
QF29 OPEN
RF136 OPEN
RF121 47k
SUB_SYNC
RF120 10k
QF33 2SC4667
RF133 10k
RF50 47k
MAIN_SYNC
RF49 10k
QF19 2SC4667
RF134 10k
RF123 33k
POWER
QF18 2SA1576A/2SA1586Y
RF124 6.8k
POW_DET
RF125 220k
RF145 100
COR
RF146 2.7k
SCL1
SDA1
3_3V_A
IR_IN
CONV_WP
IR_OUT
ON_TIMER
SUB_LED
TXD0
RXD0
SP_MUTE
SCART_MUTE
TV_MUTE
ALL_BUS_OFF
SCL3
SDA3
SCL0
SDA0
VD
HD
YS
R
G
B
LF08 TDK2012M
LF07 TDK2012M
LF06 TDK2012M
LF23 TDK2012M
LF24 OPEN
LF25 OPEN
LF26 TDK2012M
LF27 TDK2012M
LF28 TDK2012M
LF29 TDK2012M
LF30 OPEN
LF31 TDK2012M
LF32 TDK2012M
LF33 TDK2012M
LF34 TDK2012M
LF35 OPEN
LF36 TDK2012M
LF37 TDK2012M
LF38 TDK2012M
LF39 TDK2012M
LF40 TDK2012M
LF41 TDK2012M
LF42 TDK2012M
LF43 TDK2012M
LF44 TDK2012M
LF45 TDK2012M
LF46 TDK2012M
LF47 TDK2012M
LF48 TDK2012M
60 SCL1
59 SDA1
58 3.3V OUT
57 IR RMT IN
56 GND
55 CONV_WP
54 TMC POLARITY/CONV_BUS_OFF
53 GND
52 TV SYNC
51 N.U
50 IR RMT OUT
49 MAIN SYNC
48 GND
47 ON TIMER LED
46 N.U
45 TxD0 (For RS232C)
44 RxD0 (For RS232C)
43 GND
42 SPK MUTE
41 SCART MUTE
40 TV MUTE
39 GND
38 ALL BUS OFF
37 POWER
36 GND
35 SCL3
34 SDA3
33 SCL0
32 SDA0
31 GND
30 V SYNC IN
29 H SYNC IN
28 GND
27 COR
26 Ya OUT
25 R OUT
24 G OUT
ILLUMINATIONS LED



36SW9UA
EPG-M2 - (2/2)
[SHEET-2/2]

TO SIGNAL BOARD

U901 PD1294
POWER BOARD

U903 POWER UNIT PD1294

P808A 8P PLUG — REG-GND1, REG-GND2, Vcc-GND, Vcc-GND, REG-+31V, REG-+31V, Vcc-+32V, Vcc-+32V

F803 250V T2.0A
F803A FUSE HOLDER

T806 TRF3228AL

C875 AC250V220

C876 AC250V220

C868 4700p250V

C870 4700p250V

C869 450V120u

C855 500V2200

D840 D3SB60

R872 1W 68k

T804 TPW3510AS

D836 FR105-FL

L871 TEM2011

C871 35V47

R864 1/2R82

C867 500V330

D831 RL2Z LF-C1

L821 TEM2011

L820 TEM2011

C866 500V330

D830 RL2Z LF-C1

Z892 PRF500005491

C865 500V2200u

C867 500V330

L819 TRF4100AZ

+29V

+31V

L818 TRF4100AZ

Q803 STR-W6853
Q803A HEAT SINK
Q803B BIT7B3X10
Q803C GREASE

D835 1SS133

R877 1/6R6.8k

R878 1/6R6.2k

Q806 TLP421F(GR)

R885 1/6P1k

D837 1SS133

C873 B1200p

Q805 2SC5343-Y

R883 3.3k

R881 2.2k

R884 2SC1815-Y

R886 1.5k

C881 OPEN

C882 B270p

R882 15.8k

R880 1/6P1k

D838 MTZ5.6B

C861 M0.1

C885 B1000p

L824 TEM2011

C878 2KVR1 330

C872 12SV1000

D839 MTZ5.6B

R870 1/2R22

D840 MTZ5.6B

C876 B1200p

C877 B220p

C853 50V0.01u

R884 1/6P1k

C854 50V0.01u

R871 1/2R330

GND

SR82 GSPA-1-M/DG12D1-0(M)-3

D841 1SS133

C874 0.6

+12V-2

Q807 2SC5343-Y

R875 P3.3k

R876 5.6k

Q809 0.6

L802 OPEN

SR81 GSPA-1-M/DG12D1-0(M)-3

G103 OPEN

G104 OPEN

R807 OPEN

R812 2W1.8

R811 2W1.8

Q855 2SC1815Y

D842 1SS133

D843 MTZ5.6B

R808 4.7k

R809 4.7k

G121 0.6

C892 500V470

D894 FR105-FL

C894 35V470

+27V

G122 OPEN

Z889 PRF500005491

L895 TEM2011

D896 RL2Z LF-C1

C895 35V1000

C893 2KV220

L883 TRF9253D

D883 FMU-G16S
D883A HEAT SINK

C884 160V330u

+132V

C896 500V470

D892 FML-G12S
D892A

L892 TEM2011

HEAT SINK D892

C891 25V4700

L893 TRF4100AZ

+12-2

Z891 PRF500005491

D891 FML-G12S
D891A

L891 TEM2011

HEAT SINK D891

C897 25V2200

L897 TLN2026

+8V

C899 500V470

C898 25V2200

T802 TPW3509AH

T802 TRF3196BT/BQ

T8022 OPEN

D801 LN65B60-F05
D801A

C805 470P250V

C806 470P250V

C810 400V680u

GND

GR17 SHORT

GR16 SHORT

R819 1/2R8.2

C811 AC250V1000p

R899 1R8.2M

C815 AC250V1000p

G106 OPEN

G105 0.6

L815 TEM2011

R880 1/2W470

R883 1R88K

R815 1/2W1k

+27V

SR8 TLP421F(GR)

R881 1/2W560

R882 2.2k

R846 OPEN

R845 2.2k

D828 1SS133

D811 1SS133

Q860 2SA1980-Y

R827 4.7k

C833 2.2

R821 100

D849 MTZJ39.1A

Q827 SE125N

Q841 2SC5343-Y

D848 MTZJ6.2B

R831 10k

Q832 2SC5343-Y

R832 4.7k

R844 3.3k

Q842 2SC5343-Y

R845 4.7k

R843 4.7k

R842 1/2W2.5k

Q840 S1-8050E

C850 TEM2011

C842 M0.1

C841 OPEN

L852 33u

L854 TRF4100AT

+5V-1

L853 TLN3283A1

C840 35V220u

C851 16V330u

R849 OPEN

D850 MTZJ5.6B

C850 KETSU

D854 1SS133

D851 1SS133

G728 SHORT

L855 OPEN

C852 10V1000u

Q830 2SC5343-Y

R830 OPEN

Q835 S1-8033SS
Q835A

Q835AZ L-JI KETSU

G837 TEM2011

C849 OPEN

C845 KETSU

C844 M0.1

R861 100

L836 TLN3441AF/AH

+3.3V

L835 L835Z TLN3503GH/AH/AF/AX

C838 25V1000u

R852 0

D847 MTZJ5.1C

G727 SHORT

L838 OPEN

C839 10V2200

L834 TRF4330AZ

C848 35V1000

R853 10k

Q836 2SC5343-Y

Q837 2SC5343-Y

R854 4.7k

R855 4.7k

D845 MTZJ5.6B

27V

Z430 PRF10005491

Q430 2SC3852
Q430A BRACKET
Q430B BIT7B3X10

C433 0.01

R491 100

R492 4.7k

Q430 EU2A

C432Z OPEN

C432 25V1000

D431 MTZJ5.1C

D432 MTZJ5.6A

D490 1SS133

R490 100

R101 1R15K

Q418 2SC3852
Q418A BRACKET
Q418B BIT7B3X10

C419 1000

R416 1/2W56k

D419 MTZJ11B

D120 MTZJ36.2B

C416 M0.1

L885 TLN3299D
TLN3T60 SHORT

SL80

F470 250V T1.25A
F470A FUSE HOLDER

R470 1R0.56

R479 2R2

C479 M0.47

R472 1/2W270

Q470 2SA1320

R480 1k

Q473 2SA1980-Y

R433 680

R474 1/2W39k

D470 MTZJ12C

R478 100

R473 18k

R475 2.2k

C470 16V100u

C473 M0.47

Q471 2SC5343-Y

R476 470

Q472 2SC5343-Y

C477 M0.1

R484 3.3k

R485 3.3k

R486 3.3k

C472 M0.47

C471 M0.1

C475 M0.1

C474 M0.1

C876 AC250V220

C875 AC250V220

C847 0.1u

C874 ACZ 0V01.1u

C868 4700p250V

C870 4700p250V

C869 450V120u

C855 500V2200

F803 250V T2.0A
F803A FUSE HOLDER

R873 7W2.2

T806 TRF3228AL

D840 D3SB60

R872 1W 68k

R864 1/2R82

D836 FR105-FL

L871 TEM2011

C871 35V47

C867 500V330

D831 RL2Z LF-C1

L821 TEM2011

L820 TEM2011

C866 500V330

D830 RL2Z LF-C1

Z892 PRF500005491

C865 500V2200u

L819 TRF4100AZ

+29V

+31V

L818 TRF4100AZ

Q803 STR-W6853
Q803A HEAT SINK
Q803B BIT7B3X10
Q803C GREASE

D835 1SS133

R877 1/6P6.8k

R878 1/6P6.2k

Q806 TLP421F(GR)

R885 1/6P1k

D837 1SS133

C873 B1200p

Q805 2SC5343-Y

R883 3.3k

R881 2.2k

R884 2SC1815-Y

R886 1.5k

C881 OPEN

C882 B270p

R882 15.8k

R880 1/6P1k

D838 MTZ5.6B

C861 M0.1

C885 B1000p

L824 TEM2011

C878 2KVR1 330

C872 12SV1000

D839 MTZ5.6B

C876 B1200p

C877 B220p

C853 50V0.01u

R884 1/6P1k

C854 50V0.01u

R871 1/2R330

GND

SR82 GSPA-1-M/DG12D1-0(M)-3

D841 1SS133

C874 0.6

+12-2

Q807 2SC5343-Y

R875 P3.3k

R876 5.6k

Q809 0.6

L802 OPEN

SR81 GSPA-1-M/DG12D1-0(M)-3

G103 OPEN

G104 OPEN

R807 OPEN

R812 2W1.8

R811 2W1.8

Q855 2SC1815Y

D842 1SS133

D843 MTZ5.6B

R808 4.7k

R809 4.7k

G121 0.6

C892 500V470

D894 FR105-FL

C894 35V470

+27V

G122 OPEN

Z889 PRF500005491

L895 TEM2011

D896 RL2Z LF-C1

C895 35V1000

C893 2KV220

L883 TRF9253D

D883 FMU-G16S
D883A HEAT SINK

C884 160V330u

+132V

C896 500V470

D892 FML-G12S
D892A

L892 TEM2011

HEAT SINK D892

C891 25V4700

L893 TRF4100AZ

+12-2

Z891 PRF500005491

D891 FML-G12S
D891A

L891 TEM2011

HEAT SINK D891

C897 25V2200

L897 TLN2026

+8V

C899 500V470

C898 25V2200

T802 TPW3509AH

T802 TRF3196BT/BQ

T8022 OPEN

D801 LN65B60-F05
D801A

C805 470P250V

C806 470P250V

C810 400V680u

GND

GR17 SHORT

GR16 SHORT

R819 1/2R8.2

C811 AC250V1000p

R899 1R8.2M

C815 AC250V1000p

G106 OPEN

G105 0.6

L815 TEM2011

R880 1/2W470

R883 1R88K

R815 1/2W1k

+27V

SR8 TLP421F(GR)

R881 1/2W560

R882 2.2k

R846 OPEN

R845 2.2k

D828 1SS133

D811 1SS133

Q860 2SA1980-Y

R827 4.7k

C833 2.2

R821 100

D849 MTZJ39.1A

Q827 SE125N

Q841 2SC5343-Y

D848 MTZJ6.2B

R831 10k

Q832 2SC5343-Y

R832 4.7k

R844 3.3k

Q842 2SC5343-Y

R845 4.7k

R843 4.7k

R842 1/2W2.5k

Q840 S1-8050E

C850 TEM2011

C842 M0.1

C841 OPEN

L852 33u

L854 TRF4100AT

+5V-1

L853 TLN3283A1

C840 35V220u

C851 16V330u

R849 OPEN

D850 MTZJ5.6B

C850 KETSU

D854 1SS133

D851 1SS133

G728 SHORT

L855 OPEN

C852 10V1000u

Q830 2SC5343-Y

R830 OPEN

Q835 S1-8033SS
Q835A

Q835AZ L-JI KETSU

G837 TEM2011

C849 OPEN

C845 KETSU

C844 M0.1

R861 100

L836 TLN3441AF/AH

+3.3V

L835 L835Z TLN3503GH/AH/AF/AX

C838 25V1000u

R852 0

D847 MTZJ5.1C

G727 SHORT

L838 OPEN

C839 10V2200

L834 TRF4330AZ

C848 35V1000

R853 10k

Q836 2SC5343-Y

Q837 2SC5343-Y

R854 4.7k

R855 4.7k

D845 MTZJ5.6B

27V

Z430 PRF10005491

Q430 2SC3852
Q430A BRACKET
Q430B BIT7B3X10

C433 0.01

R491 100

R492 4.7k

Q430 EU2A

C432Z OPEN

C432 25V1000

D431 MTZJ5.1C

D432 MTZJ5.6A

D490 1SS133

R490 100

R101 1R15K

Q418 2SC3852
Q418A BRACKET
Q418B BIT7B3X10

C419 1000

R416 1/2W56k

D419 MTZJ11B

D120 MTZJ36.2B

C416 M0.1

L885 TLN3299D
TLN3T60 SHORT

SL80

F470 250V T1.25A
F470A FUSE HOLDER

R470 1R0.56

R479 2R2

C479 M0.47

R472 1/2W270

Q470 2SA1320

R480 1k

Q473 2SA1980-Y

R433 680

R474 1/2W39k

D470 MTZJ12C

R478 100

R473 18k

R475 2.2k

C470 16V100u

C473 M0.47

Q471 2SC5343-Y

R476 470

Q472 2SC5343-Y

C477 M0.1

R484 3.3k

R485 3.3k

R486 3.3k

C472 M0.47

C471 M0.1

C475 M0.1

C474 M0.1

B808B 8P
B808B

8P SOCKET

1 +3.3V
2 +3.3V
3 GND
4 +32V
5 +8V
6 +8V
7 GND
8 GND
9 +12V-2
10 +12V-2
11 GND
12 GND
13 9V SW
14 9V-1
15 POWER
16 IF GND

TO SIGNAL BOARD

1 +5V-1
2 +5V-1
3 GND
4 GND
5 HVcc
6 GND
7 NC
8 9V_LVP

TO SIGNAL BOARD

TO CONTROL BOARD

P809A 4P PLUG

C822Z OPEN

C822 ACZ25V22u

C814 ACZ25V22u

C814Z ACZ250V220p

GJ12 0.6

GJ13 0.6

L801 OPEN

T8022 OPEN

T802 TRF3196BT/BQ

D801 LN65B60-F05
D801A

C805 470P250V

C806 470P250V

C810 400V680u

GND

GR17 SHORT

GR16 SHORT

R819 1/2R8.2

C811 AC250V1000p

R899 1R8.2M

C815 AC250V1000p

G106 OPEN

G105 0.6

L815 TEM2011

R883 1R88K

R815 1/2W1k

R880 1/2W470

+27V

SR8 TLP421F(GR)

R881 1/2W560

R882 2.2k

R846 OPEN

R845 2.2k

D828 1SS133

D811 1SS133

Q860 2SA1980-Y

R827 4.7k

C833 2.2

R821 100

R842 1/2W2.5k

F802 250V_T4A
F802A FUSE HOLDER

Q801 STR-X6469
Q801A HEAT SINK(h=50)
Q801B BRD72W3X105ZN

L817 TDK0804

C809 M0.22

L811 TEM2011

C817 2KV330

C818 1.25KV2200p

R824 10W6.8

C823 500V470

R805 1/2R22k

C829 B270p

D803 MTZJ5.6B

C816 1000u

R808 4.7k

R823 1/2R12k

D805 1SS244

R814 1.5k

D807 MTZJ7.5B

D804 MTZJ15B

D810 MTZJ22B

D818 MTZJ22B

Q802 2SC3852

R822 1/2R10k

D806 FR105-EL

C821 500V470

C819 100V22

G812 TEM2011

C810 1000u

R810 1k

R809 100

D809 MTZJ5.6B

C808 M0.47

R818 2K

R823 1/2R12k

R830 4.7k

R805 1/2R100

GND

T8022 OPEN

T802 TRF3196BT/BQ

D801 LN65B60-F05
D801A

C805 470P250V

C806 470P250V

C810 400V680u

GND

GR17 SHORT

GR16 SHORT

R819 1/2R8.2

C811 AC250V1000p

R899 1R8.2M

C815 AC250V1000p

G106 OPEN

G105 0.6

L815 TEM2011

R883 1R88K

R815 1/2W1k

R880 1/2W470

+27V

SR8 TLP421F(GR)

R881 1/2W560

R882 2.2k

R846 OPEN

R845 2.2k

D828 1SS133

D811 1SS133

Q860 2SA1980-Y

R827 4.7k

C833 2.2

R821 100

R842 1/2W2.5k

F802 250V_T4A
F802A FUSE HOLDER

Q801 STR-X6469
Q801A HEAT SINK(h=50)
Q801B BRD72W3X105ZN

L817 TDK0804

C809 M0.22

L811 TEM2011

C817 2KV330

C818 1.25KV2200p

R824 10W6.8

C823 500V470

R805 1/2R22k

C829 B270p

D803 MTZJ5.6B

C816 1000u

R808 4.7k

R823 1/2R12k

D805 1SS244

R814 1.5k

D807 MTZJ7.5B

D804 MTZJ15B

D810 MTZJ22B

D818 MTZJ22B

Q802 2SC3852

R822 1/2R10k

D806 FR105-EL

C821 500V470

C819 100V22

G812 TEM2011

C810 1000u

R810 1k

R809 100

D809 MTZJ5.6B

C808 M0.47

R818 2K

R823 1/2R12k

R830 4.7k

R805 1/2R100

GND

P808A 4P PLUG

TO CONTROL BOARD

P704A PLUG 4P

1 +132V
2
3
4 +12-2

TO CRT D

P807A 3P PLUG

1 +132V
2 NC
3 GND

L841 TLN3312GH/D

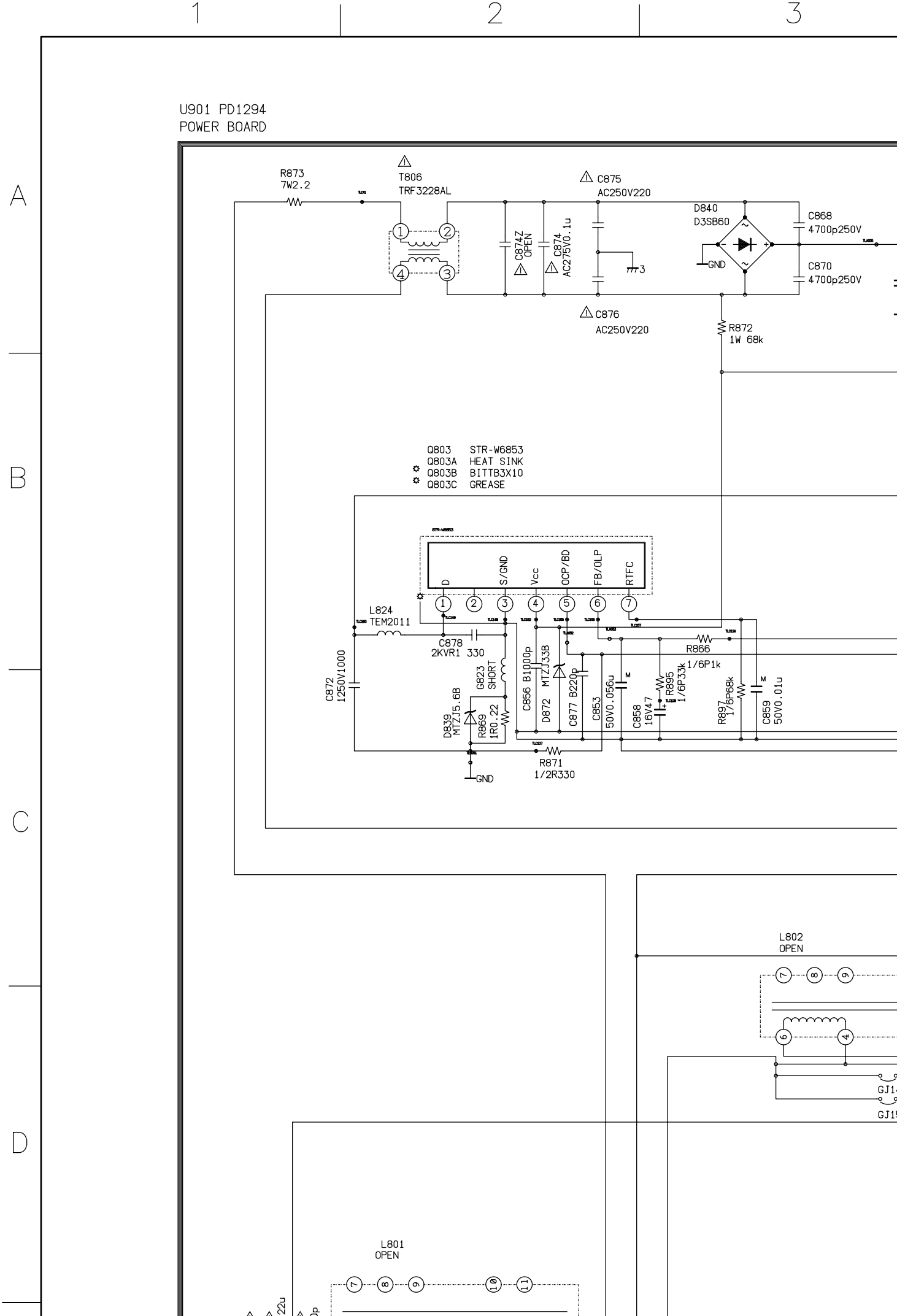
TO DEF BOARD

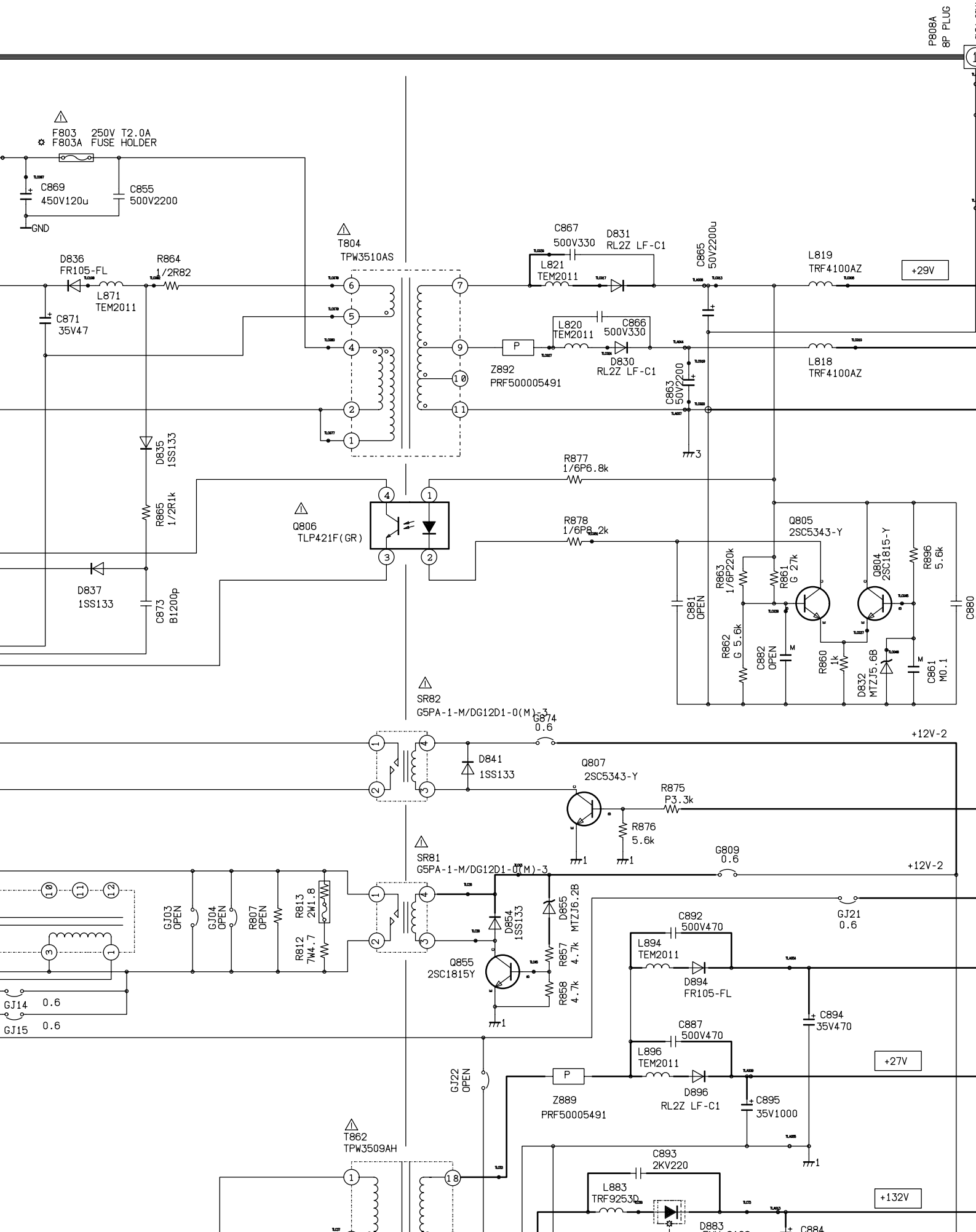
P805A 4P PLUG

1 GND
2 GND
3 NC
4 DRIVE Vcc

TO DEF BOARD

36SW9UA
POWER


1
2
3
A
B
C
D
U901 PD1294
POWER BOARD
R873
7W2.2
T806
TRF3228AL
C875
AC250V220
C874Z
OPEN
C874
AC275V0.1u
D840
D3SB60
C868
4700p250V
C870
4700p250V
GND
C876
AC250V220
R872
1W 68k
Q803 STR-W6853
Q803A HEAT SINK
Q803B BITTB3X10
Q803C GREASE
D
S/GND
Vcc
OCP/BD
FB/OLP
RTFC
L824
TEM2011
C878
2KVR1 330
C872
1250V1000
G823
SHORT
C856 B1000p
D872
MTZJ33B
C877 B220p
C853
50V0.056u
C858
16V47
R895
1/6P33k
R897
1/6P68k
C859
50V0.01u
D839
MTZJ5.6B
R869
1R0.22
R866
1/6P1k
R871
1/2R330
GND
L802
OPEN
L801
OPEN


P808A
8P PLUG
F803 250V T2.0A
F803A FUSE HOLDER
C869
450V120u
C855
500V2200
GND
T804
TPW3510AS
D836
FR105-FL
R864
1/2R82
L871
TEM2011
C871
35V47
C867
500V330
D831
RL2Z LF-C1
L821
TEM2011
C865
50V2200u
L819
TRF4100AZ
+29V
L820
TEM2011
C866
500V330
D830
RL2Z LF-C1
Z892
PRF500005491
L818
TRF4100AZ
C863
50V2200
D835
1SS133
R865
1/2R1k
D837
1SS133
C873
B1200p
R877
1/6P6.8k
Q806
TLP421F(GR)
R878
1/6P8.2k
Q805
2SC5343-Y
R863
1/6P220k
R861
G 27k
Q804
2SC1815-Y
R896
5.6k
C881
OPEN
R862
G 5.6k
C882
OPEN
R860
1k
D832
MTZJ5.6B
C861
M0.1
C880
SR82
G5PA-1-M/DG12D1-0(M)-3
G874
0.6
+12V-2
D841
1SS133
Q807
2SC5343-Y
R875
P3.3k
R876
5.6k
SR81
G5PA-1-M/DG12D1-0(M)-3
G809
0.6
+12V-2
GJ03
OPEN
GJ04
OPEN
R807
OPEN
R813
2W1.8
R812
7W4.7
D854
1SS133
D855
MTZJ6.2B
Q855
2SC1815Y
R857
4.7k
R858
4.7k
GJ21
0.6
C892
500V470
L894
TEM2011
D894
FR105-FL
C894
35V470
GJ14
0.6
GJ15
0.6
C887
500V470
L896
TEM2011
+27V
GJ22
OPEN
Z889
PRF50005491
D896
RL2Z LF-C1
C895
35V1000
T862
TPW3509AH
C893
2KV220
L883
TRF9253D
+132V
D883
C884

TO SIGNAL BOARD

U903

GND(+29V) GND(+29V) A Vcc+29V A Vcc+29V GND(+31V) GND(+31V) A Vcc+31V A Vcc+31V

1 2 3 4 5 6 7 8

+31V

Q835
SI-8033SS
Q835A
INPUT OUT GUND Vs ON/OFF
Q835AZ L-J I
KETSU

G837
TEM2011
C845
KETSU
C844
M0.1
C849
OPEN
R851
100
L836
TLN3441AF/AH
+3.3V
L835
L835Z
TLN3503GH/AH/AF/AX
C847
500V330
D843
RK46
C838
25V1000u
R852
1k
D847
MTZJ5.1C
GJ27
SHORT
L838
OPEN
C839
10V2200
L834
TRF4330AZ
C848
35V1000
R853
10k
Q836
2SC5343-Y
Q837
2SC5343-Y
D845
MTZJ5.6B
R854
4.7K
R855
4.7k

C880
B100p

27V

Q840
SI-8050E
Vin SWOut GND Vos N.C

G850
TEM2011
C842
M0.1
C841
OPEN
L852
33u
L854
TRF4100AT
+5V-1
L853
TLN3283AI
C840
35V220u
C850
KETSU
D850
AK04
C851
16V330u
G851
SHORT
R849
OPEN
D851
MTZJ6.8B
GJ28
SHORT
L855
OPEN
C852
10V1000u
QB30
2SC5343

Q430 2SC3852
Q430A BRACKET
Q430B BITTB3X10
Z430
PRF10005491
P
L851
TRF4100AZ
C433
0.01
G430
EU2A
C432
25V1000
C432Z
OPEN
R492
4.7k
R491
100
D431
MTZJ5.1C
D432
MTZJ5.6A
D490
1SS133

10 | 11 | 12

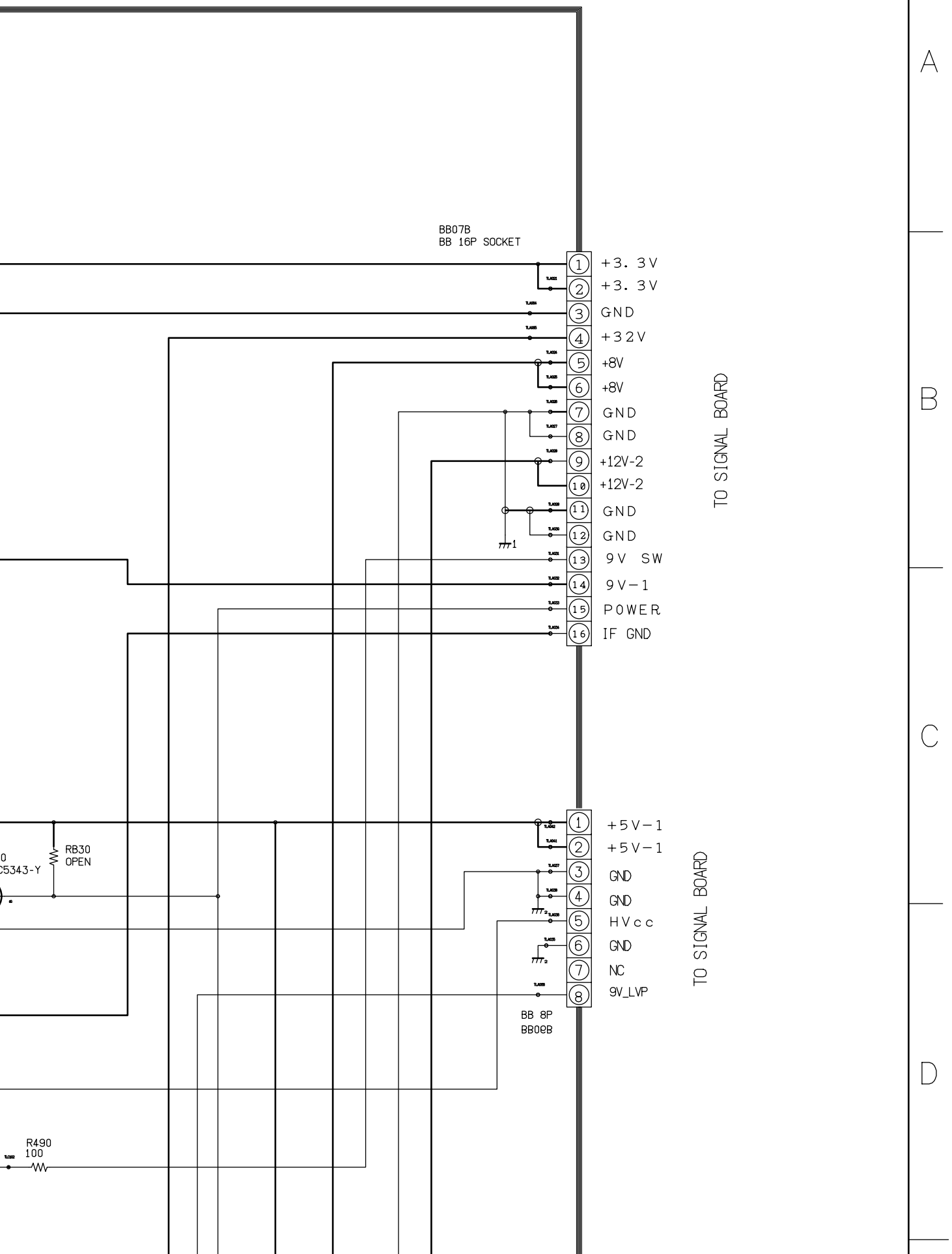
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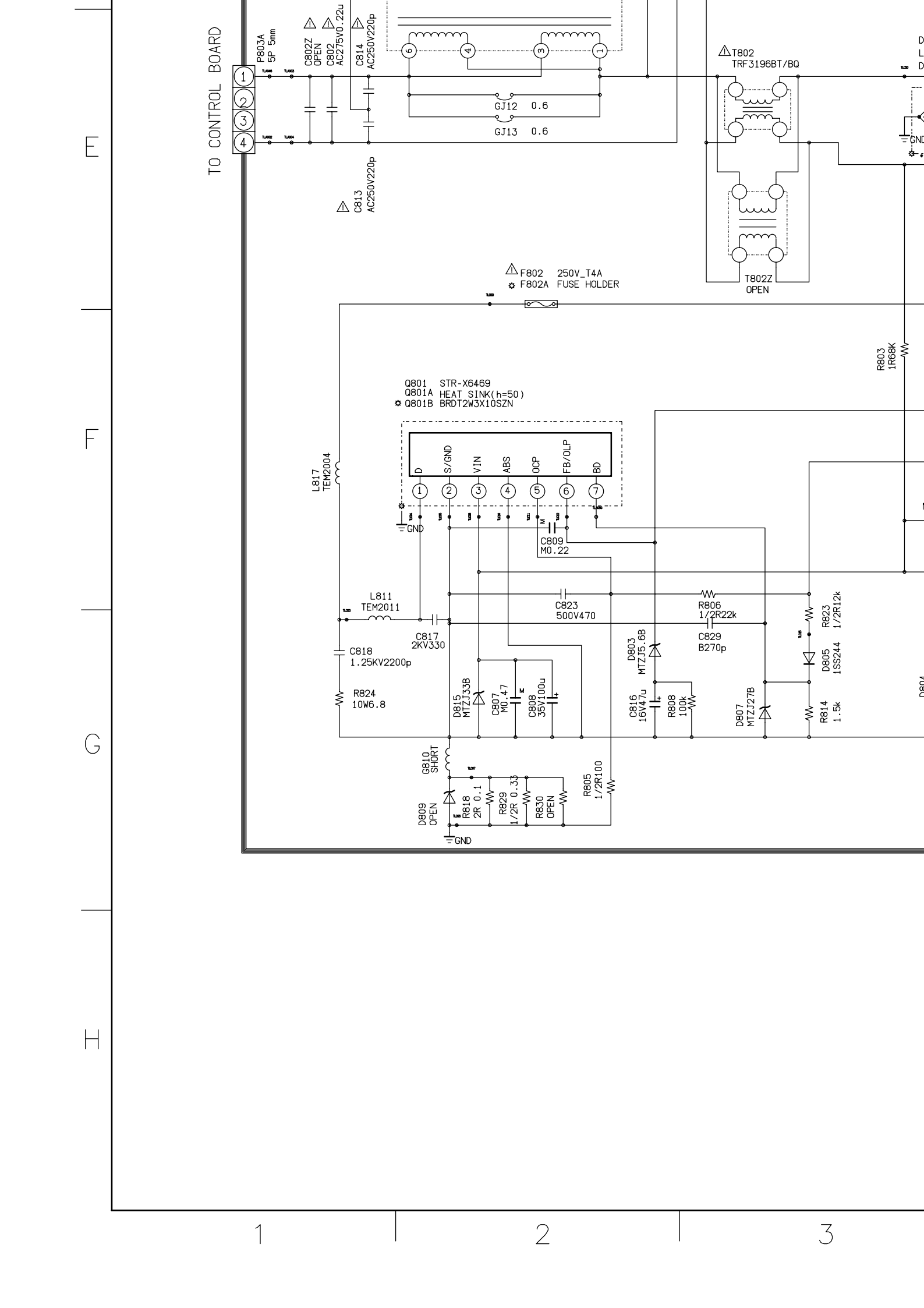
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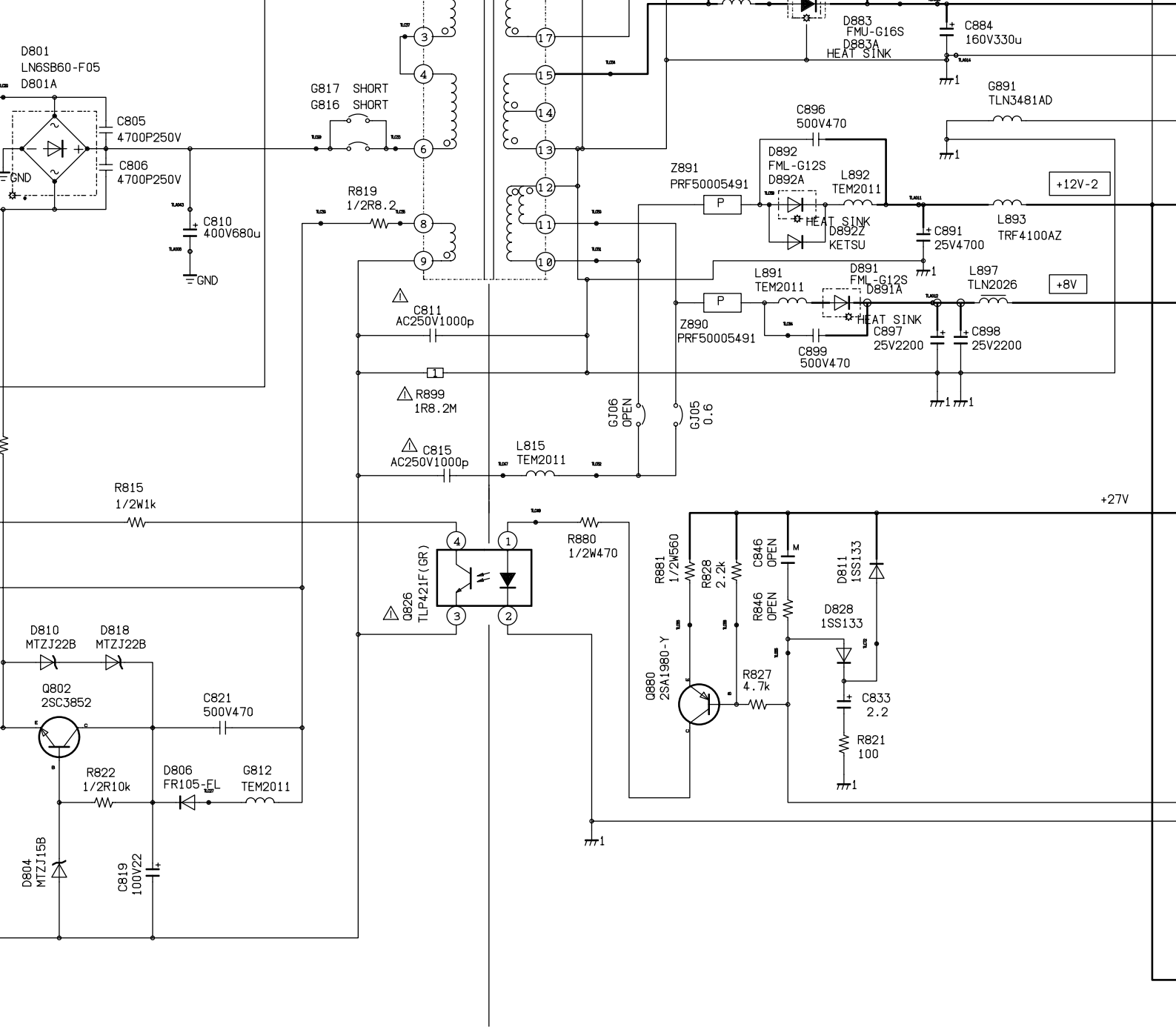
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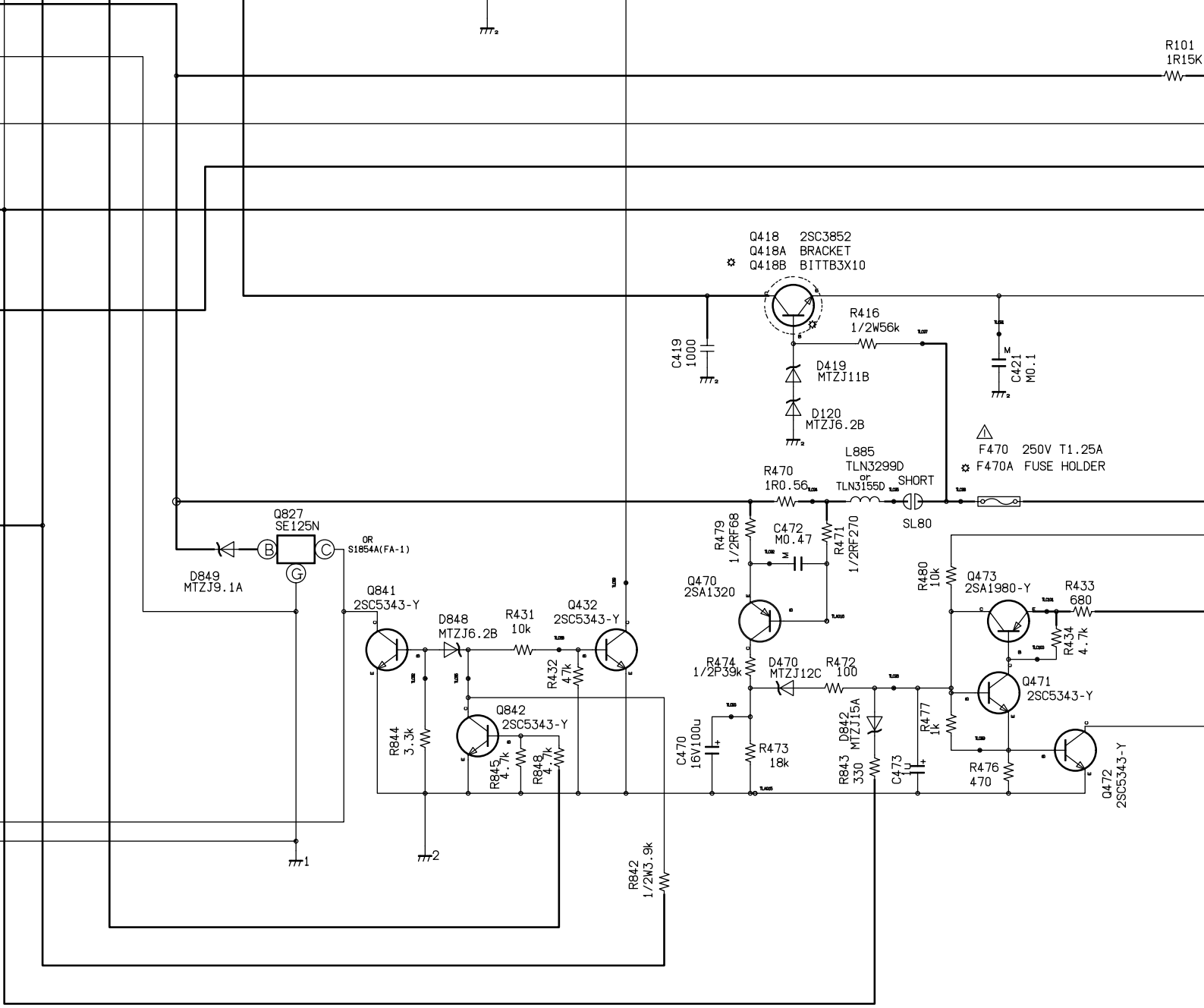
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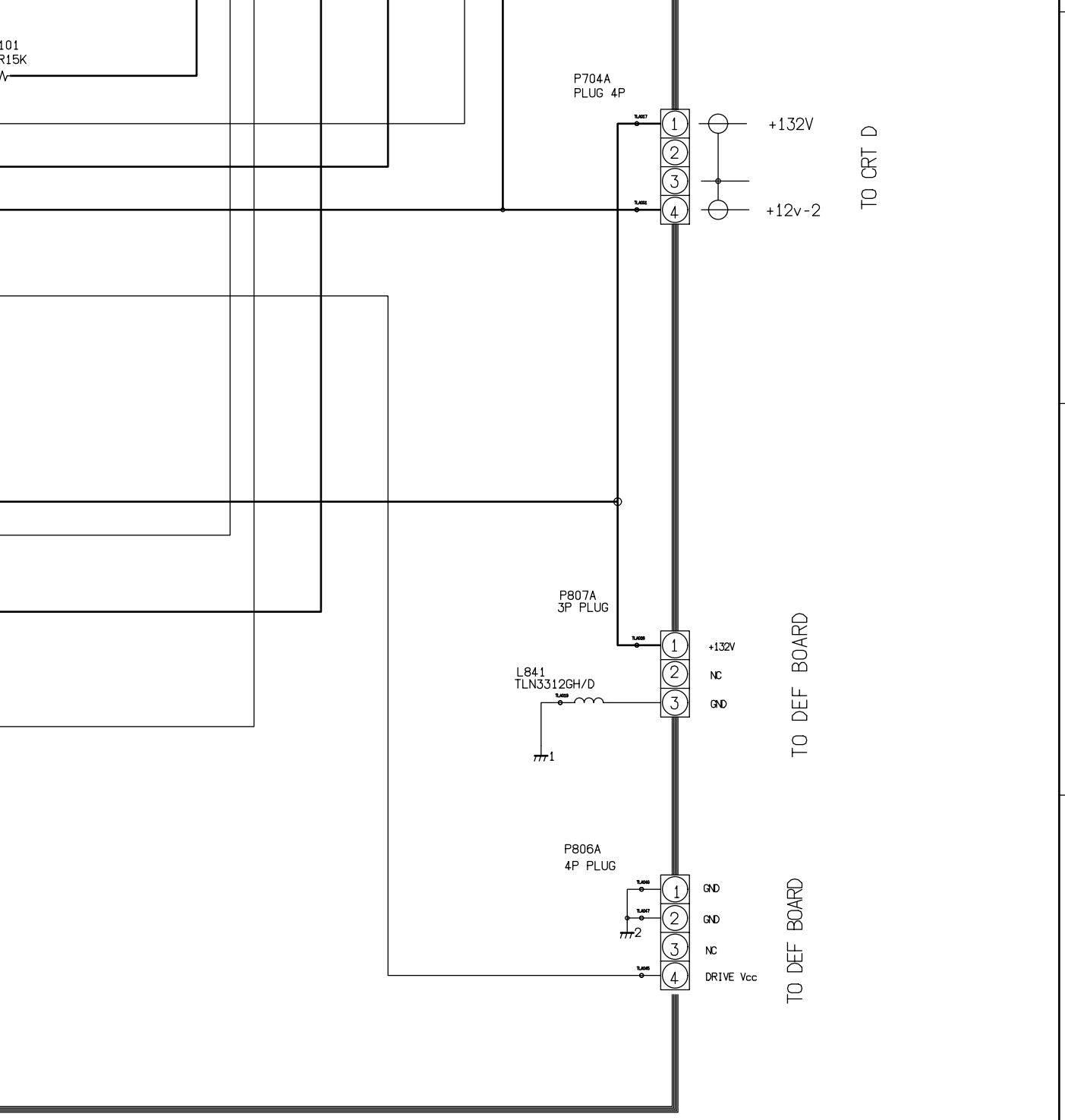
POWER UNIT PD1294




TO CONTROL BOARD
P803A 5P 5mm
C802Z OPEN
C802 AC275V0.22u
C814 AC250V220p
C813 AC250V220p
GJ12 0.6
GJ13 0.6
T802 TRF3196BT/BQ
T802Z OPEN
F802 250V_T4A
F802A FUSE HOLDER
Q801 STR-X6469
Q801A HEAT SINK(h=50)
Q801B BRDT2W3X10SZN
D S/GND VIN ABS OCP FB/OLP BD
L817 TEM2004
C809 M0.22
L811 TEM2011
C823 500V470
R806 1/2R22k
C829 B270p
C817 2KV330
C818 1.25KV2200p
R824 10W6.8
D815 MTZJ33B
C807 M0.47
C808 35V100u
D803 MTZJ5.6B
C816 16V47u
R808 100k
D807 MTZJ27B
R823 1/2R12k
D805 1SS244
R814 1.5k
R803 1R68K
G810 SHORT
D809 OPEN
R818 2R 0.1
R829 1/2R 0.33
R830 OPEN
R805 1/2R100
GND


D801
LN6SB60-F05
D801A
C805
4700P250V
C806
4700P250V
GND
C810
400V680u
GND
G817 SHORT
G816 SHORT
R819
1/2R8.2
C811
AC250V1000p
R899
1R8.2M
C815
AC250V1000p
L815
TEM2011
GJ06
OPEN
GJ05
0.6
R815
1/2W1k
R880
1/2W470
Q826
TLP421F(GR)
D810
MTZJ22B
D818
MTZJ22B
Q802
2SC3852
C821
500V470
R822
1/2R10k
D806
FR105-EL
G812
TEM2011
D804
MTZJ15B
C819
100V22
D883
FMU-G16S
D883A
HEAT SINK
C884
160V330u
G891
TLN3481AD
C896
500V470
D892
FML-G12S
D892A
L892
TEM2011
+12V-2
Z891
PRF50005491
HEAT SINK
D892Z
KETSU
C891
25V4700
L893
TRF4100AZ
L891
TEM2011
D891
FML-G12S
D891A
L897
TLN2026
+8V
Z890
PRF50005491
HEAT SINK
C897
25V2200
C898
25V2200
C899
500V470
+27V
R881
1/2W560
R828
2.2k
C846
OPEN
R846
OPEN
D811
1SS133
D828
1SS133
Q880
2SA1980-Y
R827
4.7k
C833
2.2
R821
100


R101
1R15K
Q418 2SC3852
Q418A BRACKET
Q418B BITTB3X10
R416
1/2W56k
C419
1000
D419
MTZJ11B
D120
MTZJ6.2B
C421
M0.1
F470 250V T1.25A
F470A FUSE HOLDER
L885
TLN3299D
or
TLN3155D
SHORT
R470
1R0.56
SL80
Q827
SE125N
OR
S1854A(FA-1)
D849
MTZJ9.1A
R479
1/2RF68
C472
M0.47
R471
1/2RF270
Q470
2SA1320
R480
10k
Q473
2SA1980-Y
R433
680
R434
4.7k
Q841
2SC5343-Y
D848
MTZJ6.2B
R431
10k
Q432
2SC5343-Y
R432
4.7k
R474
1/2P39k
D470
MTZJ12C
R472
100
Q471
2SC5343-Y
Q842
2SC5343-Y
R844
3.3k
R845
4.7k
R848
4.7k
C470
16V100u
R473
18k
D842
MTZJ15A
R843
330
C473
1u
R477
1k
R476
470
Q472
2SC5343-Y
R842
1/2W3.9k
1
2



36SW9UA
POWER

E F G H

10 11 12

U906B PD1296-2
LED BOARD

U906A PD1296-1
CONTROL BOARD

U906 CONT. LED UNIT PD1296

FROM SIGNAL BOARD

(PIP PHONE SOCKET)

L/R PHOND JACK

R-SPK

L-SPK

MB01

FROM DEF BOARD

TO POWER BOARD

FROM SIGNAL BOARD

RFOM SIGNAL BOARD

36SW9UA
CONTROL/LED

U906A PD1296-1
CONTROL BOARD

36" TSB-2408AGor2408AC
SN:23200448, 23200449

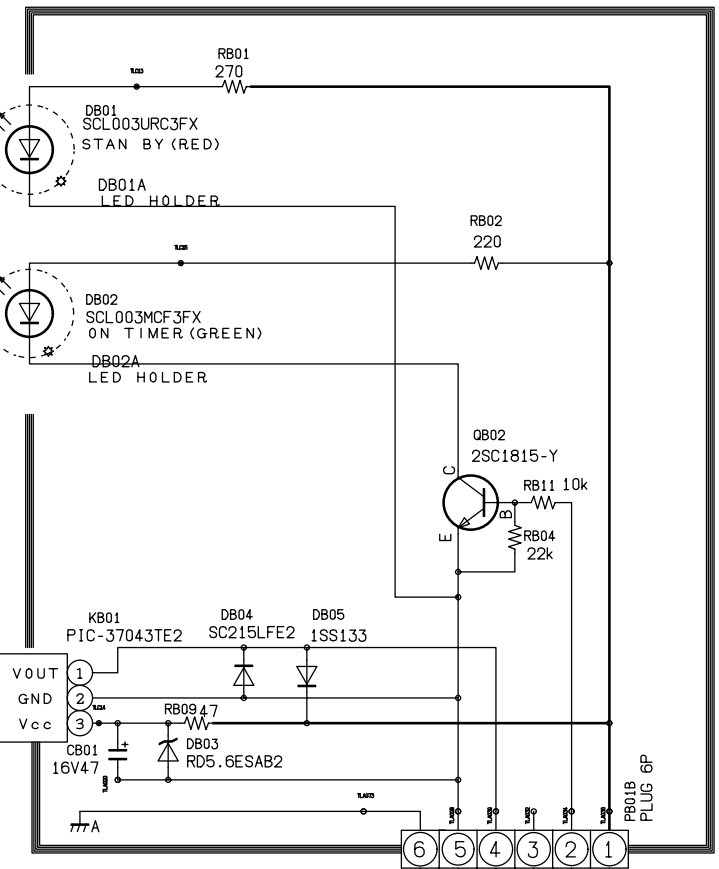
32" TSB-2406AGor2406AC
SN:23200443, 23200444

PJ901
3P

QJ02
LA6500-FA

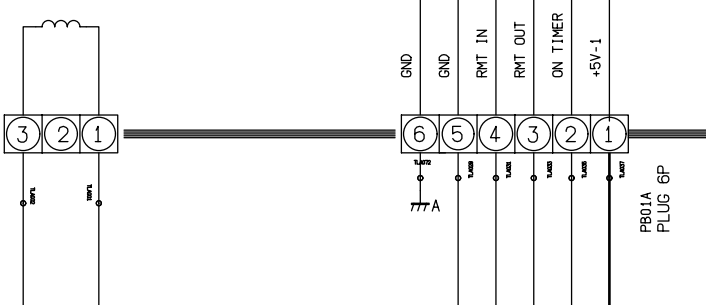
LJ901

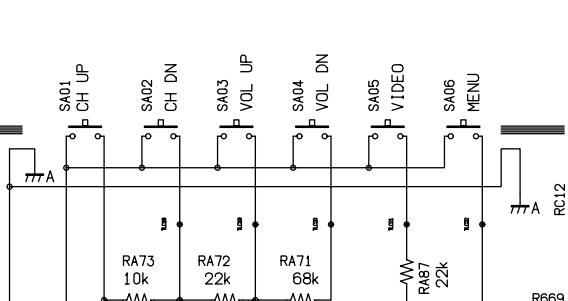
U906B PD1296-2
LED BOARD

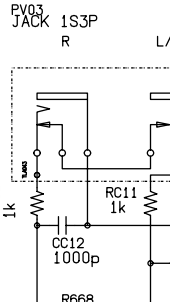


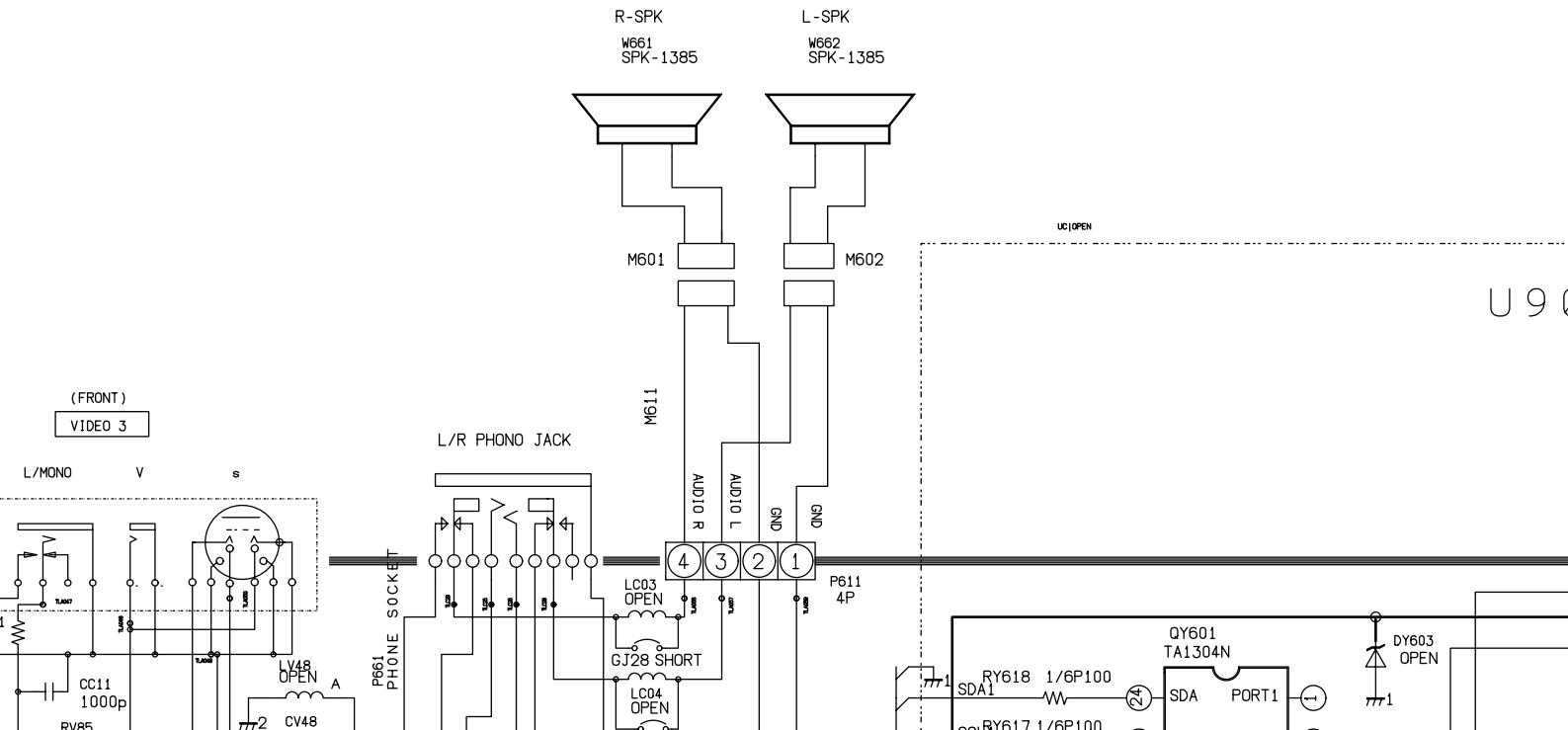
MB01

J901 TSP-2408AG








R-SPK
W661
SPK-1385
L-SPK
W662
SPK-1385
M601
M602
M611
AUDIO R
AUDIO L
GND
GND
4
3
2
1
P611
4P
L/R PHONO JACK
P661
PHONE SOCKET
LC03
OPEN
GJ28 SHORT
LC04
OPEN
(FRONT)
VIDEO 3
L/MONO
V
S
CC11
1000p
LV48
OPEN
A
CV48
QY601
TA1304N
RY618 1/6P100
SDA1
SDA
PORT1
DY603
OPEN
RY617 1/6P100
UC|OPEN

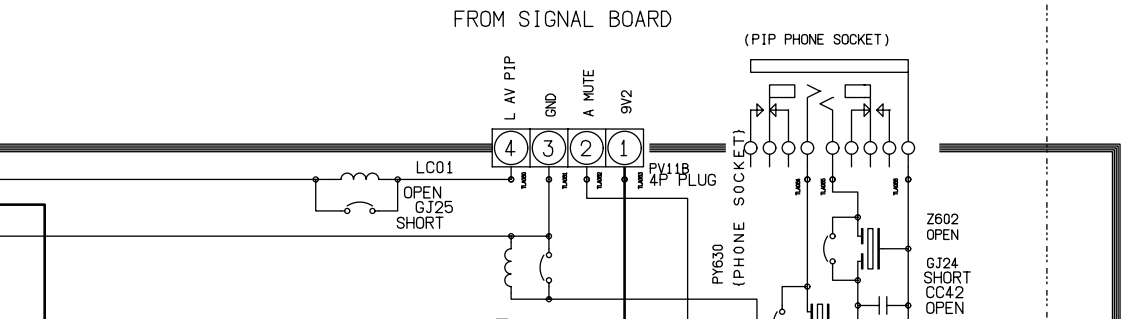
A

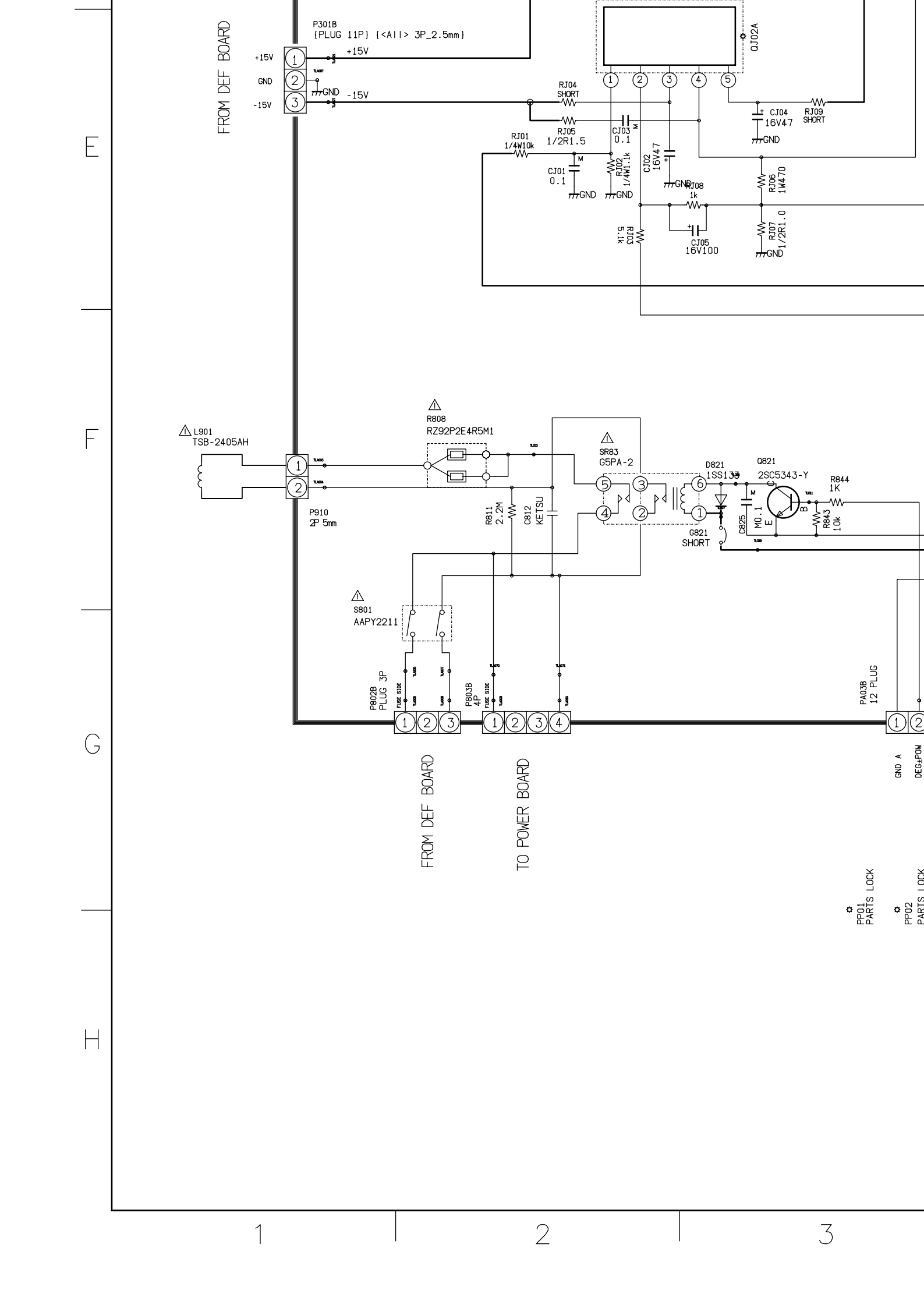
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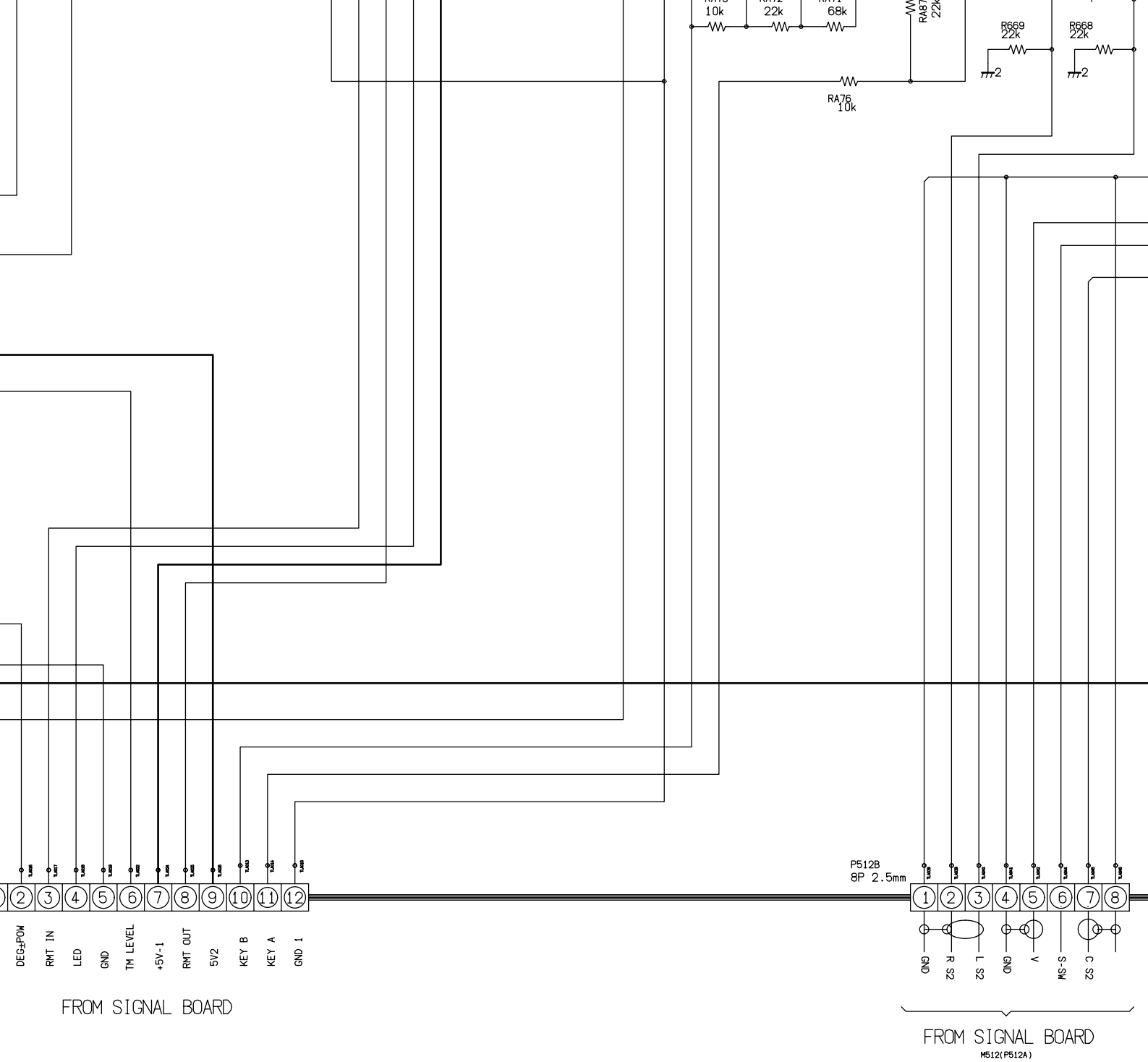
C

D

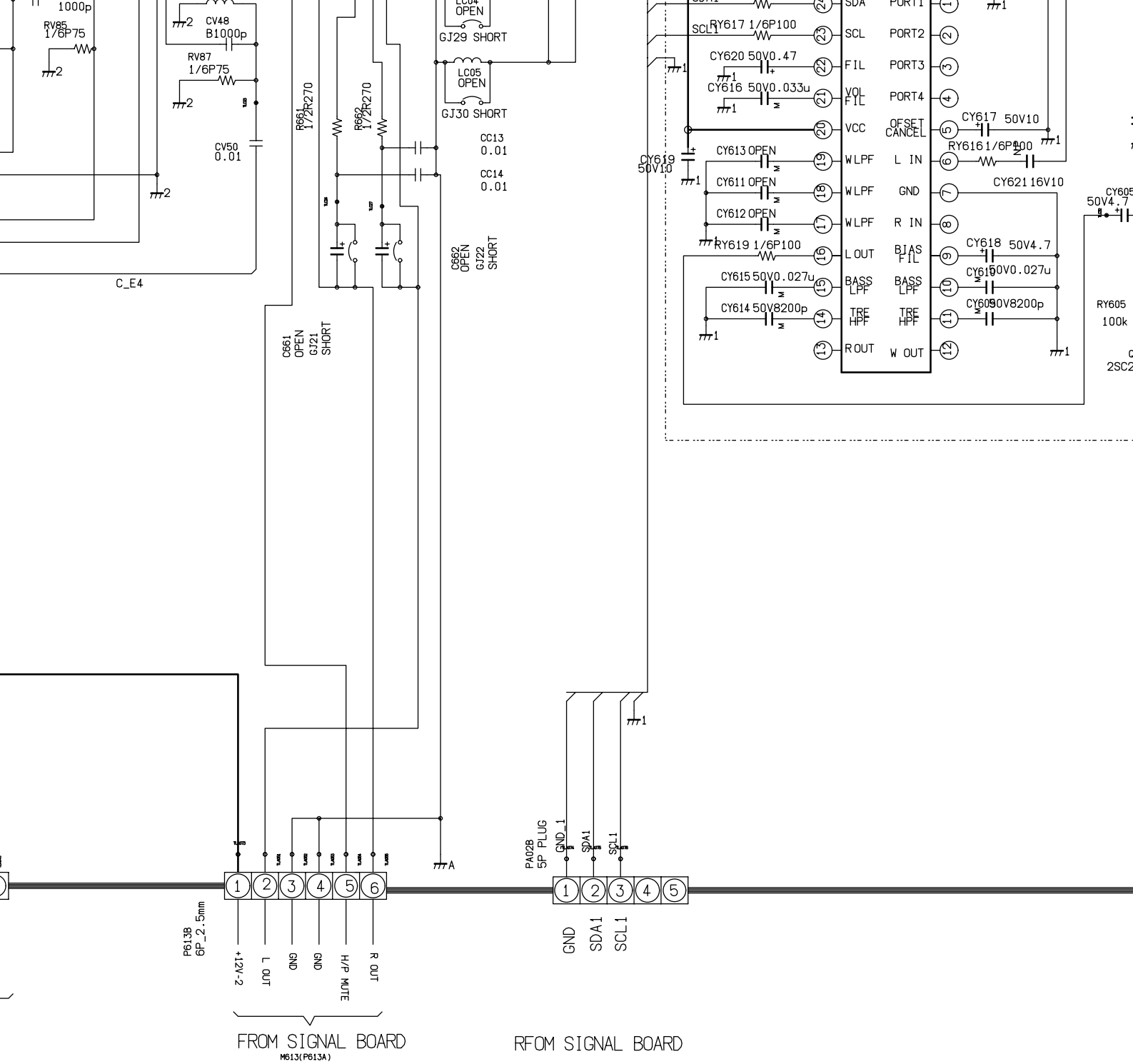
906 CONT. LED UNIT PD1296

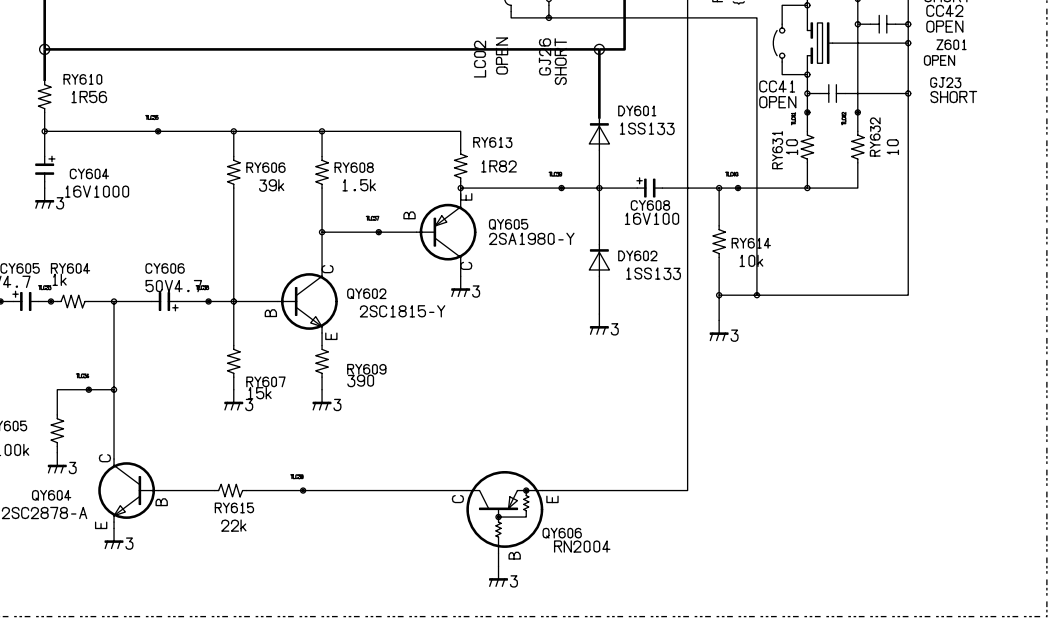



FROM DEF BOARD
P301B
{PLUG 11P} {<All> 3P_2.5mm}
+15V
GND
-15V
QJ02A
RJ04
SHORT
RJ05
1/2R1.5
CJ03
0.1
CJ04
16V47
RJ09
SHORT
RJ01
1/4W10k
CJ01
0.1
RJ02
1/4W1.1k
CJ02
16V47
RJ08
1k
RJ06
1W470
RJ03
5.1K
CJ05
16V100
RJ07
1/2R1.0
L901
TSB-2405AH
P910
2P 5mm
R808
RZ92P2E4R5M1
SR83
G5PA-2
D821
1SS133
Q821
2SC5343-Y
R844
1K
R811
2.2M
C812
KETSU
C825
M0.1
R843
10k
G821
SHORT
S801
AAPY2211
P802B
PLUG 3P
FUSE SIDE
P803B
4P
PA03B
12 PLUG
GND A
DEG±POW
FROM DEF BOARD
TO POWER BOARD
PP01
PARTS LOCK
PP02
PARTS LOCK



PP02
PARTS LOCK


1000p
RV85
1/6P75
CV48
B1000p
RV87
1/6P75
CV50
0.01
C_E4
R661
1/2R270
R662
1/2R270
LC04
OPEN
GJ29 SHORT
LC05
OPEN
GJ30 SHORT
CC13
0.01
CC14
0.01
C662
OPEN
GJ22
SHORT
C661
OPEN
GJ21
SHORT
RY617 1/6P100
SCL1
CY620 50V0.47
CY616 50V0.033u
CY619
50V10
CY613 OPEN
CY611 OPEN
CY612 OPEN
RY619 1/6P100
CY615 50V0.027u
CY614 50V8200p
SDA
SCL
FIL
VOL FIL
VCC
WLPF
WLPF
WLPF
LOUT
BASS LPF
TRE HPF
ROUT
PORT1
PORT2
PORT3
PORT4
OFSET CANCEL
L IN
GND
R IN
BIAS FIL
BASS LPF
TRE HPF
W OUT
CY617 50V10
RY616 1/6P100
CY621 16V10
CY618 50V4.7
CY610 50V0.027u
CY609 50V8200p
RY605
100k
50V4.7
2SC2
A
PA02B
5P PLUG
GND_1
SDA1
SCL1
P613B
6P_2.5mm
+12V-2
L OUT
GND
GND
H/P MUTE
R OUT
GND
SDA1
SCL1
FROM SIGNAL BOARD
M613(P613A)
RFOM SIGNAL BOARD



36SW9UA
CONTROL/LED

SPECIFICATIONS

MODEL		36SW9UA
Rated voltage		∼ 220 V – 240 V, 50/60 Hz
Power consumption (at ∼ 220 V, 50 Hz)		215 W
Dimensions (Width × Depth × Height)		935 mm × 604 mm × 625 mm
Mass		76.0 kg
Picture tube		Type 36, flat super crystal picture tube 93 cm (dia.) overall picture tube 76 cm (dia.) viewable picture 102° deflection
Television system (Aerial input)	Channel coverage	**System** **VHF** **UHF** **CABLE (Channel)** PAL B/G (CCIR) 2 – 12 21 – 69 X ~ Z+2, S1 ~ S41 PAL I (UK) — 21 – 69 — PAL D/K (CHINA) 1 – 12 13 – 57 Z–1 ~ Z–38 SECAM B/G (CCIR) 2 – 12 21 – 69 X ~ Z+2, S1 ~ S41 SECAM D/K (OIRT) 1 – 12 21 – 69 X1 ~ X19 NTSC M (US) 2 – 13 14 – 69 A–6 ~ A–1, A ~ W, AA ~ ZZ, AAA, BBB NTSC M (JAPAN) 1 – 12 13 – 62 M1 ~ M10, S1 ~ S41
	Special RF signal	**Colour system** **Sound system** NTSC4.43 5.5/6.0/6.5 MHz PAL 60Hz 5.5/6.0/6.5 MHz
COMPONENT VIDEO INPUT terminals (the signal format)		480i, 480p, 576i, 576p, 720p (50/60 Hz), 1080i (50/60 Hz)
Color system		PAL/SECAM/NTSC4.43/NTSC3.58
Sound output		MAIN: 12W + 12W (10% THD), SUPER WOOFER: 16W (10% THD)
Accessories		• Remote controller 1 • Batteries (R03/AAA) 2 • OWNER'S MANUAL 1

* Pease refer to owner's manual in details.

– END –

DALIAN TOSHIBA TELEVISION CO.,LTD.

8. Anshan Street Dalian Economic & Technical Development Zone, Dalian China