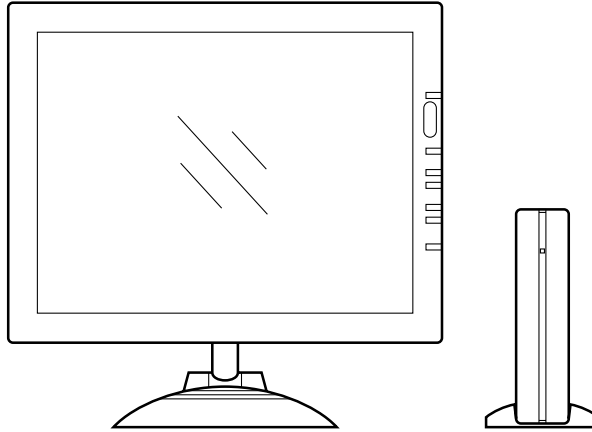


# SDM-N50R

## SERVICE MANUAL

US Model  
Canadian Model  
AEP Model  
Chassis No. SCC-L32B-A



## ST5 CHASSIS

### SPECIFICATIONS

LCD panel	Panel type: a-Si TFT Active Matrix Picture size: 15 inch (38 cm)	Mass	Display (with stand): Approx. 1.75 kg (3 lb 140 oz)
Input signal format	RGB operating frequency* Horizontal: 30 – 61 kHz Vertical: 48 – 85 Hz (only XGA mode at 75 Hz)	Plug & Play Accessories	Media engine (with stand): Approx. 0.85 kg (1 lb 14 oz) DDC1/DDC2B/DDC2Bi
Resolution	Horizontal: Max.1024 dots Vertical: Max.768 lines		<ul style="list-style-type: none"><li>• LCD display</li><li>• Media engine</li><li>• Display stand</li><li>• Media engine stand</li><li>• Power cord</li><li>• System connecting cable (2 m) (applicable cable type: DP-2)</li><li>• HD15 (RGB) video signal cable</li><li>• Audio cord (stereo miniplug)</li><li>• Macintosh adapter</li><li>• Windows Monitor Information Disk/Utility Disk</li><li>• Macintosh Utility Disk</li><li>• Software for use when installing the display vertically (WinPortrait/MacPortrait)</li><li>• Warranty card</li><li>• Notes for Macintosh users</li><li>• This instruction manual</li></ul>
Input signal levels	RGB video signal 0.700 Vp-p, 75 Ω, positive SYNC signal TTL level, 2 kΩ, positive or negative (Separate horizontal and vertical, or composite sync) 0.3 Vp-p, 75Ω, negative (Sync on green)		
Headphones jack	Stereo minijack Accepts impedance of more than 16Ω		
AUDIO IN jack	Stereo minijack Accepts impedance of 47 kΩ Accepts level 0.5 Vrms		
Power requirements	100 – 240 V, 50 – 60 Hz, 0.45 – 0.25 A		
Power consumption	Max. 28 W		
Operating temperature	5 – 35 °C		
Dimensions (width/height/depth)	Display (without stand): Approx. 356 × 280 × 26 mm (14 1/16 × 11 1/6 × 1 1/16 inches) Display (with stand, at maximum angle: 40 °): Approx. 356 × 225 × 203 mm (14 1/16 × 8 7/8 × 8 inches) Media engine (without stand): Approx. 45 × 180 × 180 mm (1 3/4 × 7 1/8 × 7 1/8 inches) Media engine (with stand): Approx. 94 × 185 × 180 mm (3 11/16 × 7 1/4 × 7 1/8 inches)		

- \* Recommended horizontal and vertical timing condition
- Horizontal sync width duty should be more than 4.8% of total horizontal time or 0.8 μs, whichever is larger.
  - Horizontal blanking width should be more than 2.5 μsec.
  - Vertical blanking width should be more than 450 μsec.

Design and specifications are subject to change without notice.

TFT LCD COLOR COMPUTER DISPLAY  
**SONY**®

# SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

1. Check the area of your repair for unsoldered or poorly-soldered connections. Check the entire board surface for solder splashes and bridges.
2. Check the interboard wiring to ensure that no wires are “pinched” or contact high-wattage resistors.
3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.
4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
5. Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
6. Check the line cords for cracks and abrasion. Recommend the replacement of any such line cord to the customer.
7. Check the B+ and HV to see if they are specified values. Make sure your instruments are accurate; be suspicious of your HV meter if sets always have low HV.
8. Check the antenna terminals, metal trim, “metallized” knobs, screws, and all other exposed metal parts for AC Leakage. Check leakage as described right.

## LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes).

Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers’ instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The “limit” indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOMs that are suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

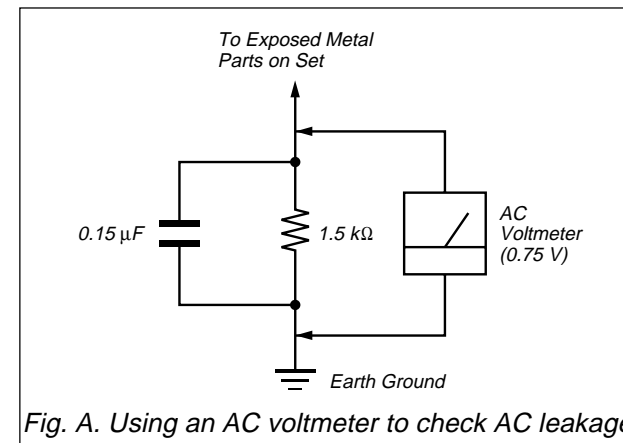


Fig. A. Using an AC voltmeter to check AC leakage.

**WARNING!!**

**NEVER TURN ON THE POWER IN A CONDITION IN WHICH THE DEGAUSS COIL HAS BEEN REMOVED.**

**SAFETY-RELATED COMPONENT WARNING!!**

**COMPONENTS IDENTIFIED BY SHADING AND MARK  $\triangle$  ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL FOR SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS THAT ARE CRITICAL FOR SAFE OPERATION ARE IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE REPLACED OR IMPROPER OPERATION IS SUSPECTED.**

**AVERTISSEMENT!!**

**NE JAMAIS METTRE SOUS TENSION QUAND LA BOBINE DE DEMAGNETISATION EST ENLEVÉE.**

**ATTENTION AUX COMPOSANTS RELATIFS À LA SÉCURITÉ!! LES COMPOSANTS IDENTIFIÉS PAR UNE TRAME ET UNE MARQUE  $\triangle$  SONT CRITIQUES POUR LA SÉCURITÉ. NE LES REMPLACER QUE PAR UNE PIÈCE PORTANT LE NUMÉRO SPECIFIÉ. LES RÉGLAGES DE CIRCUIT DONT L'IMPORTANCE EST CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT SONT IDENTIFIÉS DANS LE PRÉSENT MANUEL. SUIVRE CES PROCÉDURES LORS DE CHAQUE REMPLACEMENT DE COMPOSANTS CRITIQUES, OU LORSQU'UN MAUVAIS FONCTIONNEMENT EST SUSPECTÉ.**

# POWER SAVING FUNCTION

---

## Power saving function (user sensor/power saving mode)

This monitor meets the power-saving guidelines set by VESA, ENERGY STAR, and NUTEK. If the monitor is connected to a computer or video graphics board that is DPMS (Display Power Management Signaling) compliant, the monitor will automatically enter the power saving mode. It automatically enters the low power consumption mode when the user sensor detects the absence of a user.

Power consumption state	Power consumption	AC power indicator	⏻ (power) indicator
normal operation	35 W	green	green
1 low power consumption mode	≤ 4 W	green	green and orange alternate
2 power saving mode	≤ 3 W	orange	orange
⏻ (power): off	≤ 3 W	red	off
AC power: off	0 W	off	off

# DIAGNOSIS

---

	Factorical preservation register	LED	LED indicates
Display part trouble	SHUTDOWN_LOG1 bit4 (16)	Part of the body only	Red (0.5 sec) and Off (0.5 sec)
Backlight trouble	SHUTDOWN_LOG1 bit2 (4)	Parts of the body and the display	Amber (0.5 sec) and Off (1.5 sec)
Body temperature trouble	SHUTDOWN_LOG1 bit3 (8)	Parts of the body and the display	Amber (1.0 sec) and Off (1.0 sec)
5V voltage anomalous	SHUTDOWN_LOG1 bit5 (32)	Parts of the body and the display	Amber (1.5 sec) and Off (0.5 sec)
3.3V voltage anomalous	SHUTDOWN_LOG1 bit6 (64)	Parts of the body and the display	Amber (1.5 sec) and Off (0.5 sec)

\*Aging mode ..... No input signal and press CONT key for longer than 2 second.

# TIMING SPECIFICATION

PRIMARY MODE MODE AT PRODUCTION	MODE 0	MODE 1	MODE 2	MODE 3	MODE 4	MODE 5	MODE 6	MODE 7
RESOLUTION	640 X 480	640 X 480	640 X 480	640 X 480	720 X 400	720 X 400	720 X 480	720 X 480
CLOCK	25.175 MHz	30.240 MHz	31.500 MHz	36.000 MHz	28.350 MHz	35.500 MHz	35.573 MHz	31.505 MHz
— HORIZONTAL —								
H-FREQ	31.469 kHz	35.000 kHz	37.500 kHz	43.269 kHz	31.500 kHz	37.927 kHz	37.683 kHz	35.162 kHz
	usec	usec	usec	usec	usec	usec	usec	usec
H. TOTAL	31.778	28.571	26.667	23.111	31.746	26.366	26.537	28.440
H. BLK	6.356	7.407	6.349	5.333	6.349	6.085	6.297	5.586
H. FP	0.636	2.116	0.508	1.556	0.635	1.014	0.450	1.079
H. SYNC	3.813	2.116	2.032	1.556	3.810	2.028	2.024	1.270
H. BP	1.907	3.175	3.810	2.222	1.905	3.042	3.823	3.238
H. ACTIV	25.422	21.164	20.317	17.778	25.397	20.282	20.240	22.854
— VERTICAL —								
V. FREQ(Hz)	59.940 Hz	66.667 Hz	75.000 Hz	85.008 Hz	70.156 Hz	85.039 Hz	75.066 Hz	59.901 Hz
	lines	lines	lines	lines	lines	lines	lines	lines
V. TOTAL	525	525	500	509	449	446	502	587
V. BLK	45	45	20	29	49	46	22	107
V. FP	10	3	1	1	12	1	2	12
V. SYNC	2	3	3	3	3	3	3	2
V. BP	33	39	16	25	34	42	17	93
V. ACTIV	480	480	480	480	400	400	480	480
— SYNC —								
INT(G)	NO	NO	NO	NO	NO	NO	NO	NO
EXT(H/V)/POLARITY	YES N/N	YES N/N	YES N/N	YES N/N	YES N/P	YES N/P	YES N/N	YES N/N
EXT(CS)/POLARITY	NO	NO	NO	NO	NO	NO	NO	NO
INT/NON INT	NON INT	NON INT	NON INT	NON INT	NON INT	NON INT	NON INT	NON INT

# TIMING SPECIFICATION

PRIMARY MODE MODE AT PRODUCTION	MODE 8	MODE 9	MODE 10	MODE 11	MODE 12	MODE 13	MODE 14	MODE 15
RESOLUTION	800 X 600	800 X 600	800 X 600	800 X 600	—	—	832 X 624	1024 X 768
CLOCK	36.000 MHz	40.000 MHz	49.500 MHz	56.250 MHz	—	—	57.285 MHz	65.000 MHz
— HORIZONTAL —								
H-FREQ	35.156 kHz	37.879 kHz	46.875 kHz	53.674 kHz	—	—	46.727 kHz	48.363 kHz
	usec	usec	usec	usec	—	—	usec	usec
H. TOTAL	28.444	26.400	21.333	18.631	—	—	20.110	20.677
H. BLK	6.222	6.400	5.172	4.409	—	—	5.586	4.923
H. FP	0.667	1.000	0.323	0.569	—	—	0.559	0.369
H. SYNC	0.889	3.200	1.616	1.138	—	—	1.117	2.092
H. BP	4.667	2.200	3.232	2.702	—	—	3.910	2.462
H. ACTIV	22.222	20.000	16.162	14.222	—	—	14.524	15.754
— VERTICAL —								
V. FREQ(Hz)	56.250 Hz	60.317 Hz	75.000 Hz	85.061 Hz	—	—	74.553 Hz	60.004 Hz
	lines	lines	lines	lines	—	—	lines	lines
V. TOTAL	625	628	625	631	—	—	667	806
V. BLK	25	28	25	31	—	—	43	38
V. FP	1	1	1	1	—	—	3	3
V. SYNC	2	4	3	3	—	—	3	6
V. BP	22	23	21	27	—	—	37	29
V. ACTIV	600	600	600	600	—	—	624	768
— SYNC —								
INT(G)	NO	NO	NO	NO	—	—	NO	NO
EXT(H/V)/POLARITY	YES N/N	YES P/P	NO P/P	YES P/P	—	—	YES N/N	YES N/N
EXT(CS)/POLARITY	NO	NO	NO	NO	—	—	NO	NO
INT/NON INT	NON INT	NON INT	NON INT	NON INT	—	—	NON INT	NON INT

# TIMING SPECIFICATION

PRIMARY MODE MODE AT PRODUCTION	MODE 16	MODE 17	MODE 18	MODE 19	MODE 20	MODE 21	MODE 22	MODE 23
RESOLUTION	1024 X 768	1024 X 768	—	1024 X 768	800 X 600	1024 X 768	1024 X 768	848 X 480
CLOCK	75.000 MHz	78.750 MHz	—	80.000 MHz	50.000 MHz	71.640 MHz	80.000 MHz	38.336 MHz
— HORIZONTAL —								
H-FREQ	56.476 kHz	60.023 kHz	—	60.241 kHz	48.077 kHz	53.946 kHz	60.241 kHz	35.300 kHz
	usec	usec	—	usec	usec	usec	usec	usec
H. TOTAL	17.707	16.660	—	16.600	20.800	18.537	16.600	28.328
H. BLK	4.053	3.657	—	3.800	4.800	4.243	3.800	6.208
H. FP	0.320	0.203	—	0.400	1.120	0.223	0.400	1.409
H. SYNC	1.813	1.219	—	1.200	2.400	2.457	2.200	3.130
H. BP	1.920	2.235	—	2.200	1.280	1.563	1.200	1.669
H. ACTIV	13.653	13.003	—	12.800	16.000	14.294	12.800	22.120
— VERTICAL —								
V. FREQ(Hz)	70.069 Hz	75.029 Hz	—	74.927 Hz	72.188 Hz	66.110 Hz	74.927 Hz	59.932 Hz
	lines	lines	—	lines	lines	lines	lines	lines
V. TOTAL	806	800	—	804	666	816	804	589
V. BLK	38	32	—	36	66	48	36	109
V. FP	3	1	—	3	37	8	3	11
V. SYNC	6	3	—	3	6	4	3	3
V. BP	29	28	—	30	23	36	30	95
V. ACTIV	768	768	—	768	600	768	768	480
— SYNC —								
INT(G)	NO	NO	—	NO	NO	NO	NO	NO
EXT(H/V)/POLARITY	YES N/N	YES P/P	—	YES N/N	YES N/N	YES N/N	YES N/N	YES N/N
EXT(CS)/POLARITY	NO	NO	—	NO	NO	NO	NO	NO
INT/NON INT	NON INT	NON INT	—	NON INT	NON INT	NON INT	NON INT	NON INT



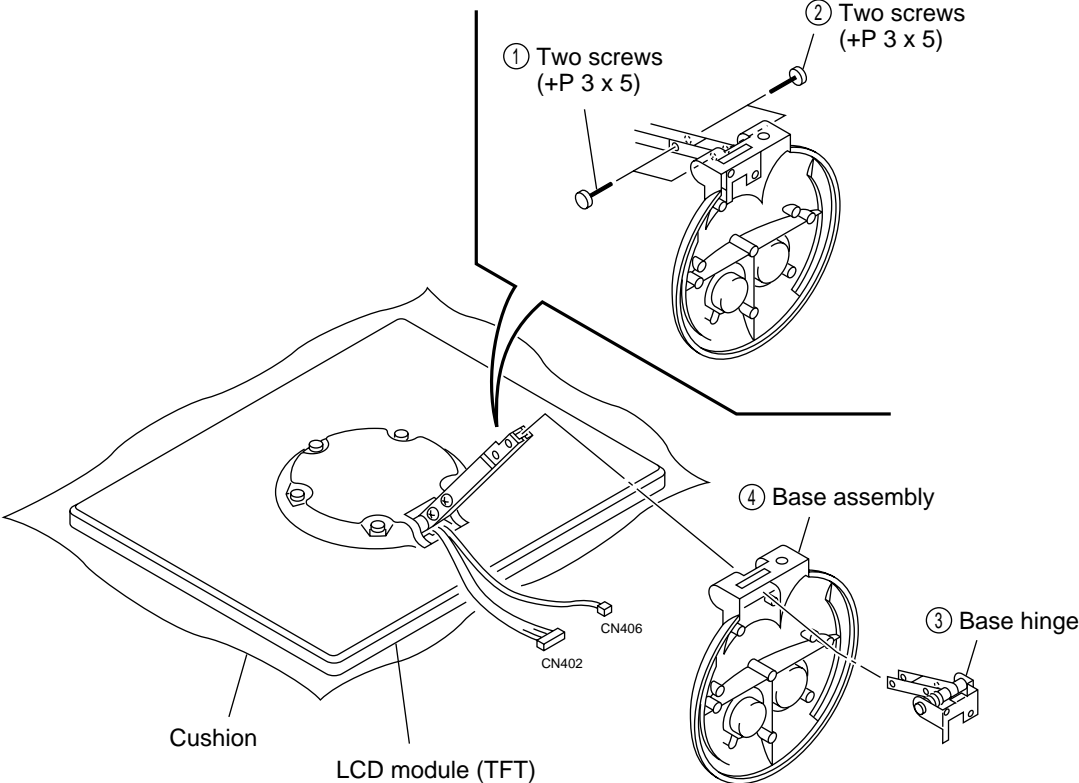
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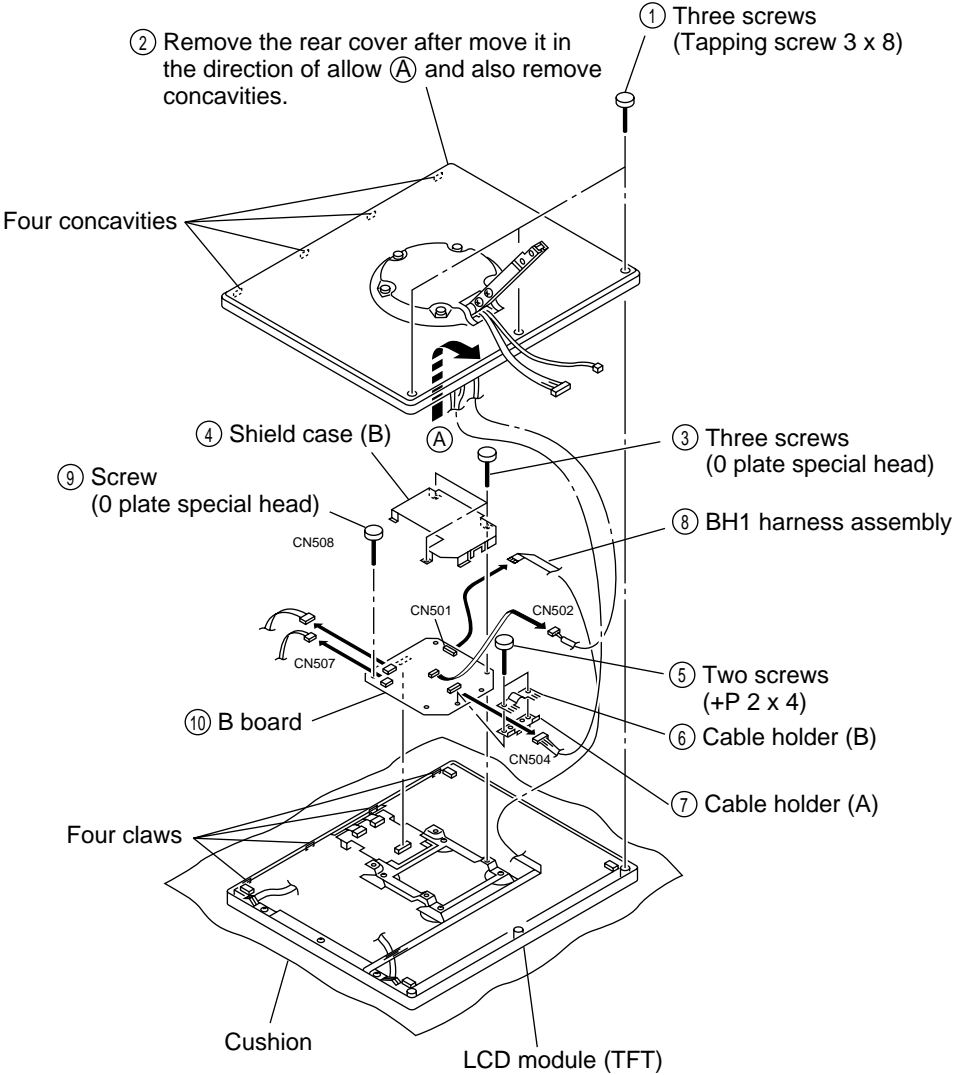


# 1-2. BASE ASSEMBLY REMOVAL

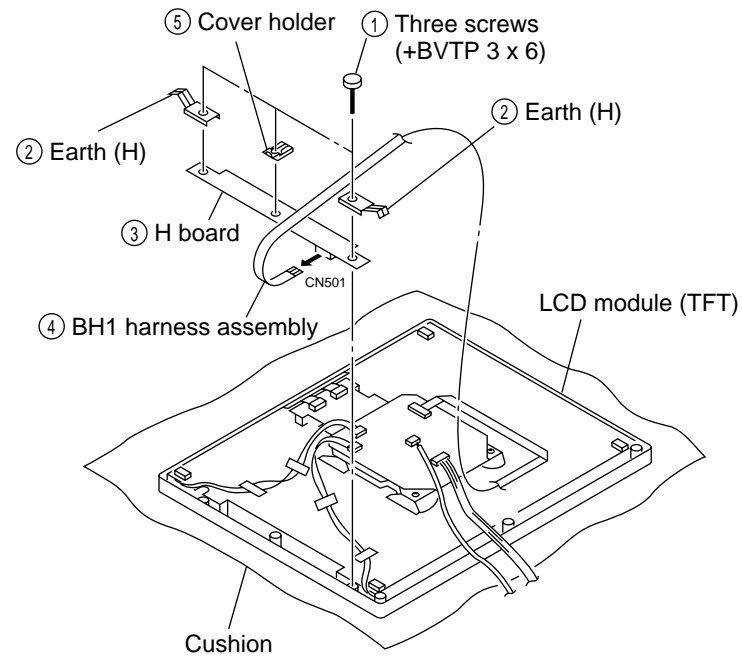
\* Remove the U board refering 2-1.



# 1-3. B BOARD REMOVAL



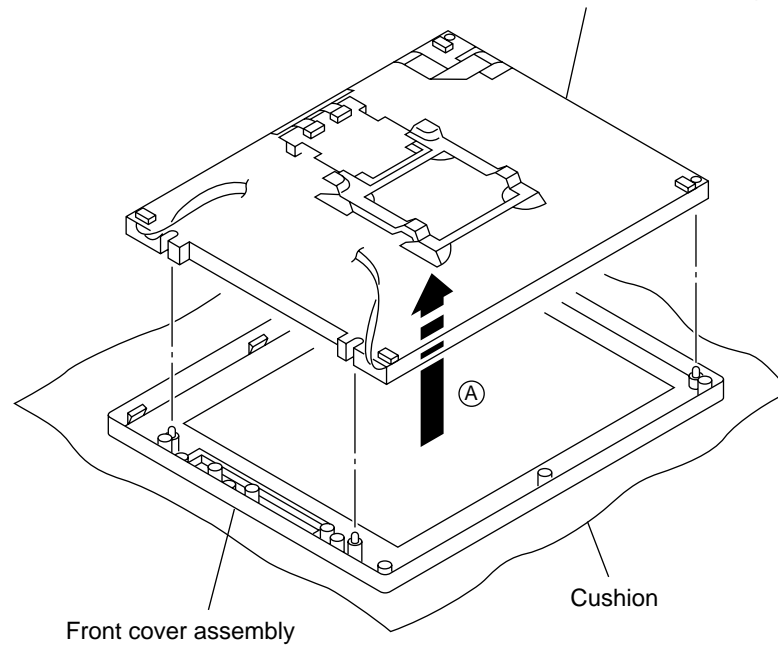
## 1-4. H BOARD REMOVAL



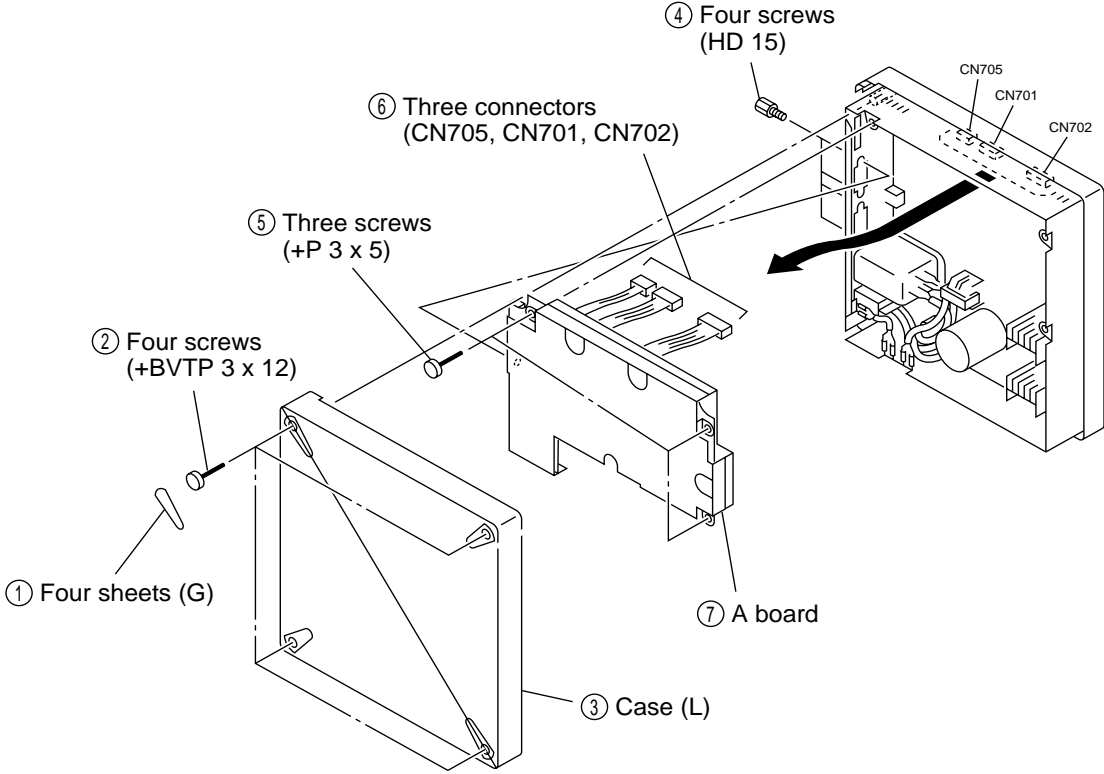
## 1-5. LCD MODULE(TFT) REMOVAL

\* Remove the B and H boards referring 2-3 and 2-4.

① Remove the LCD module (TFT) in the direction of allow (A) horizontally.



# 1-6. A BOARD REMOVAL

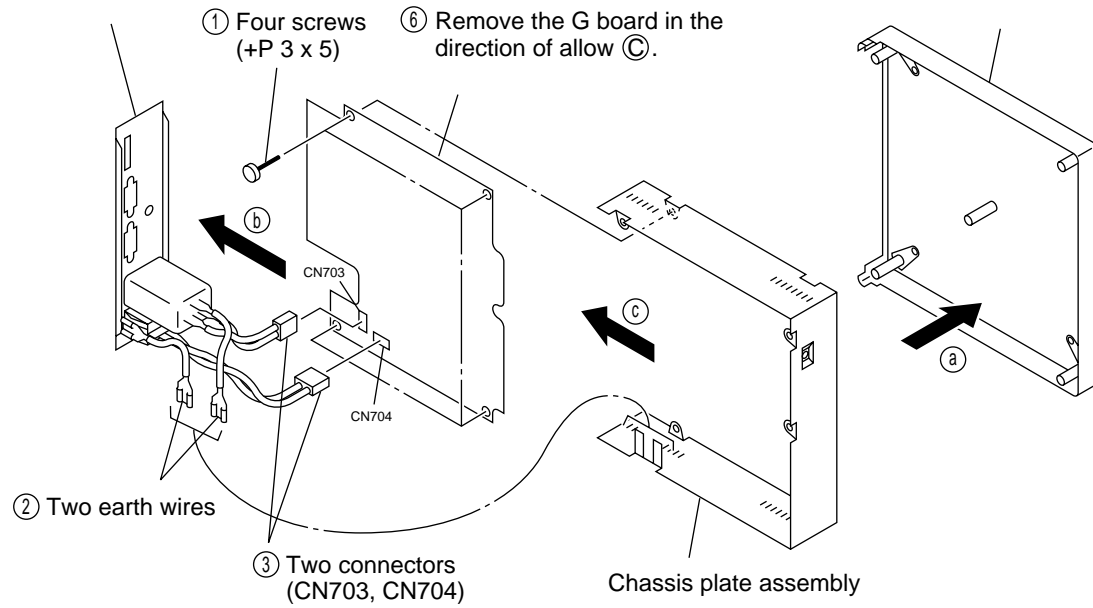


## 1-7. G BOARD REMOVAL

\* Remove A board referring 2-6.

⑤ Remove the terminal board assembly in the direction of allow (b).

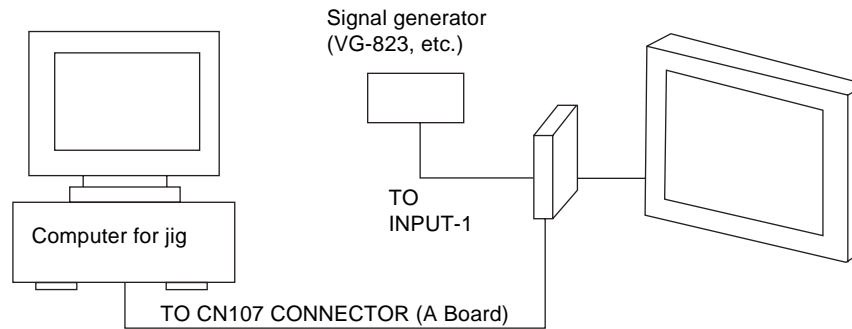
④ Remove the case in the direction of allow (a).





## SECTION 2 ADJUSTMENTS

Connect the personal computer, monitor, and signal generator as shown below, and control the monitor.



\* Maintain the Aging mode for over 30 minutes.

### • Preset mode adjustment

Confirm the screen by below three kinds of the modes within preset frequency.

Signal mode

1. MODE 0 (640X480 60Hz)
2. MODE 10 (800X600 75Hz)
3. MODE 17 (1024X768 75Hz)

(1) Input a cross hatch signal.

(2) Confirm both edges can see or white lines of edges are not separating from indicated area edges.

Errors in the range of 2dot are permit.

Be saticefy one of both edges that is within above specification.

## • White balance adjustment

When no measuring instrument is used, compare the color with the reference set so that the colors will be the same.

### 1. Adjustment of 9300°K

(1) Confirm every R/G/B\_USER\_BKG are initialized value.

(2) Receive MODE 15 (1024X768 60Hz) 80IRE.

Set COLOR to 9300°K. (COLOR\_INDEX=1)

(3) Make adjustment with R/G\_USR\_DRV to set the chromaticity within the specification.

y adjustment Make adjustment with B\_USR\_DRV.

(Also x value changes simultaneous)

B\_USR\_DRV UP Values x and y decrease.

B\_USR\_DRV DOWN Values x and y increase.

x adjustment Make adjustment with R\_USR\_DRV.

R\_USR\_DRV UP Value y increases.

R\_USR\_DRV DOWN Value y decreases.

Adjust again and bring down G\_USR\_DRV 10 STEP to become within the specification ; however, in case of adjustment range of y value become deficiently and when B\_USR\_DRV=255.

(4) Make the signal 30IRE all white to check that it is within the specification.

(5) Adjust R/B\_USER\_BKG to become within the specification when (4) deviates the specification.

(6) Input a grayscale and perform picture quality confirmation.

(7) Perform color save ( select C with ALT+M ).

Spec: 9300°K 80IRE (x, y) = (0.285, 0.294)

Within 3JND

9300°K 30IRE (x, y) = (0.265, 0.268)

Within 4JND

Note: Make adjustment up to  $\pm 0.002$ .

### 2. Adjustment of 6500°K

(1) Confirm every R/G/B\_USER\_BKG are initialized value.

(2) Receive MODE 15 (1024X768 60Hz) 80IRE.

Set COLOR to 6500°K. (COLOR\_INDEX=2)

(3) Make adjustment with R/G\_USR\_DRV to set the chromaticity within the specification.

y adjustment Make adjustment with B\_USR\_DRV.

(Also x value changes simultaneous)

B\_USR\_DRV UP Values x and y decrease.

B\_USR\_DRV DOWN Values x and y increase.

x adjustment Make adjustment with R\_USR\_DRV.

R\_USR\_DRV UP Value y increases.

R\_USR\_DRV DOWN Value y decreases.

Adjust again and bring down G\_USR\_DRV 10 STEP to become within the specification ; however, in case of adjustment range of y value become deficiently and when B\_USR\_DRV=255.

(4) Make the signal 30IRE all white to check that it is within the specification.

(5) Adjust R/B\_USER\_BKG to become within the specification when (4) deviates the specification.

(6) Input a grayscale and perform picture quality confirmation.

(7) Perform color save (select C with ALT+M).

Spec: 6500°K 80IRE (x, y) = (0.314, 0.324)

Within 3JND

6500°K 30IRE (x, y) = (0.295, 0.305)

Within 4JND

Note: Make adjustment up to ±0.002.

### 3. Adjustment of 5000°K

(1) Confirm every R/G/B\_USER\_BKG are initialized value.

(2) Receive MODE 15 (1024X768 60Hz) 80IRE.

Set COLOR to 5000°K. (COLOR\_INDEX=3)

(3) Make adjustment with R/G\_USR\_DRV to set the chromaticity within the specification.

y adjustment Make adjustment with B\_USR\_DRV.

(Also x value changes simultaneous)

B\_USR\_DRV UP Values x and y decrease.

B\_USR\_DRV DOWN Values x and y increase.

x adjustment Make adjustment with R\_USR\_DRV.

R\_USR\_DRV UP Value y increases.

R\_USR\_DRV DOWN Value y decreases.

Adjust again and bring down G\_USR\_DRV 10 STEP to become within the specification ; however, in case of adjustment range of y value become deficiently and when B\_USR\_DRV=255.

(4) Make the signal 30IRE all white to check that it is within the specification.

(5) Adjust R/B\_USER\_BKG to become within the specification when (4) deviates the specification.

(6) Input a grayscale and perform picture quality confirmation.

(7) Perform color save (select C with ALT+M).

Spec: 5000°K 80IRE (x, y) = (0.345, 0.352)

Within 3JND

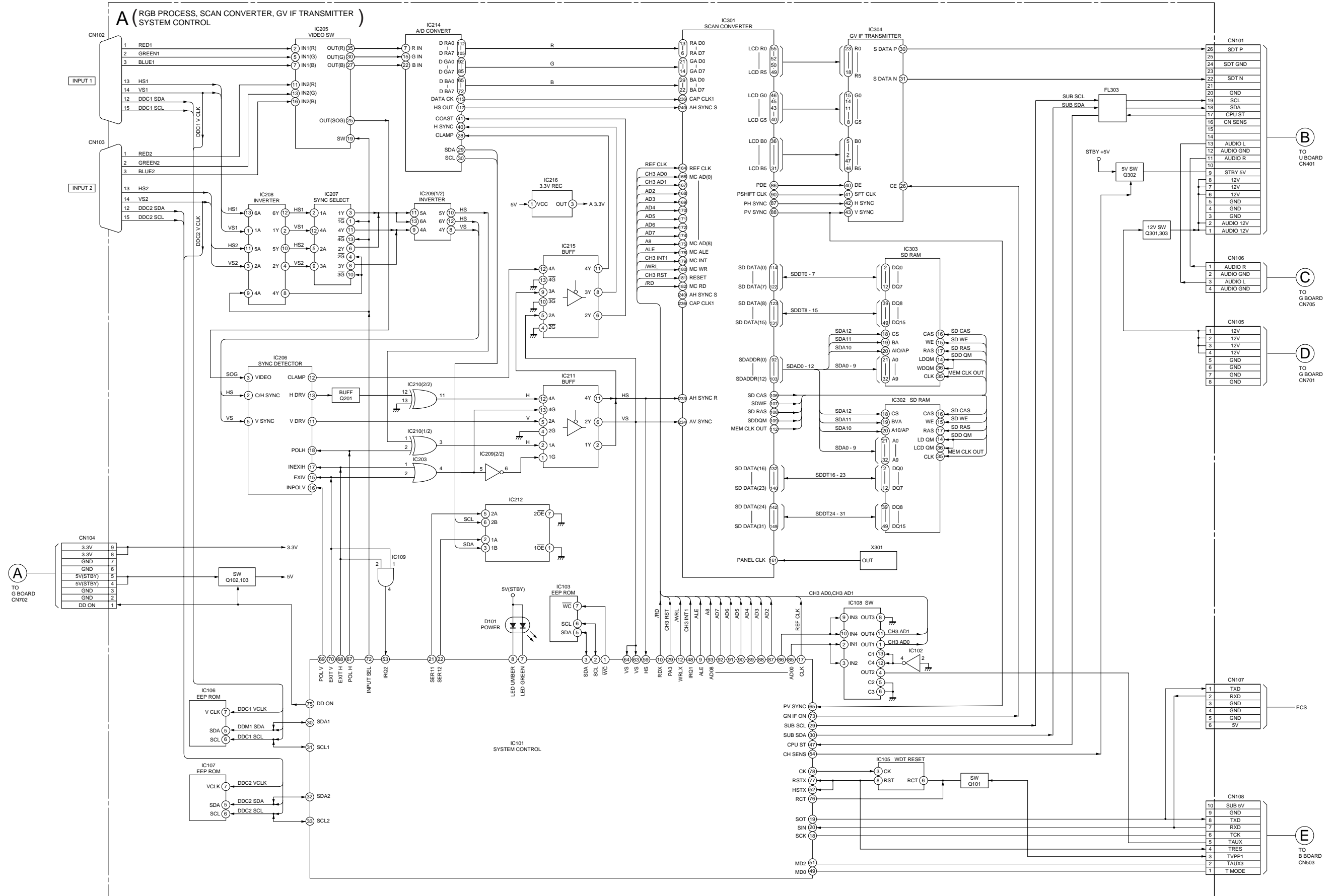
5000°K 30IRE (x, y) = (0.322, 0.332)

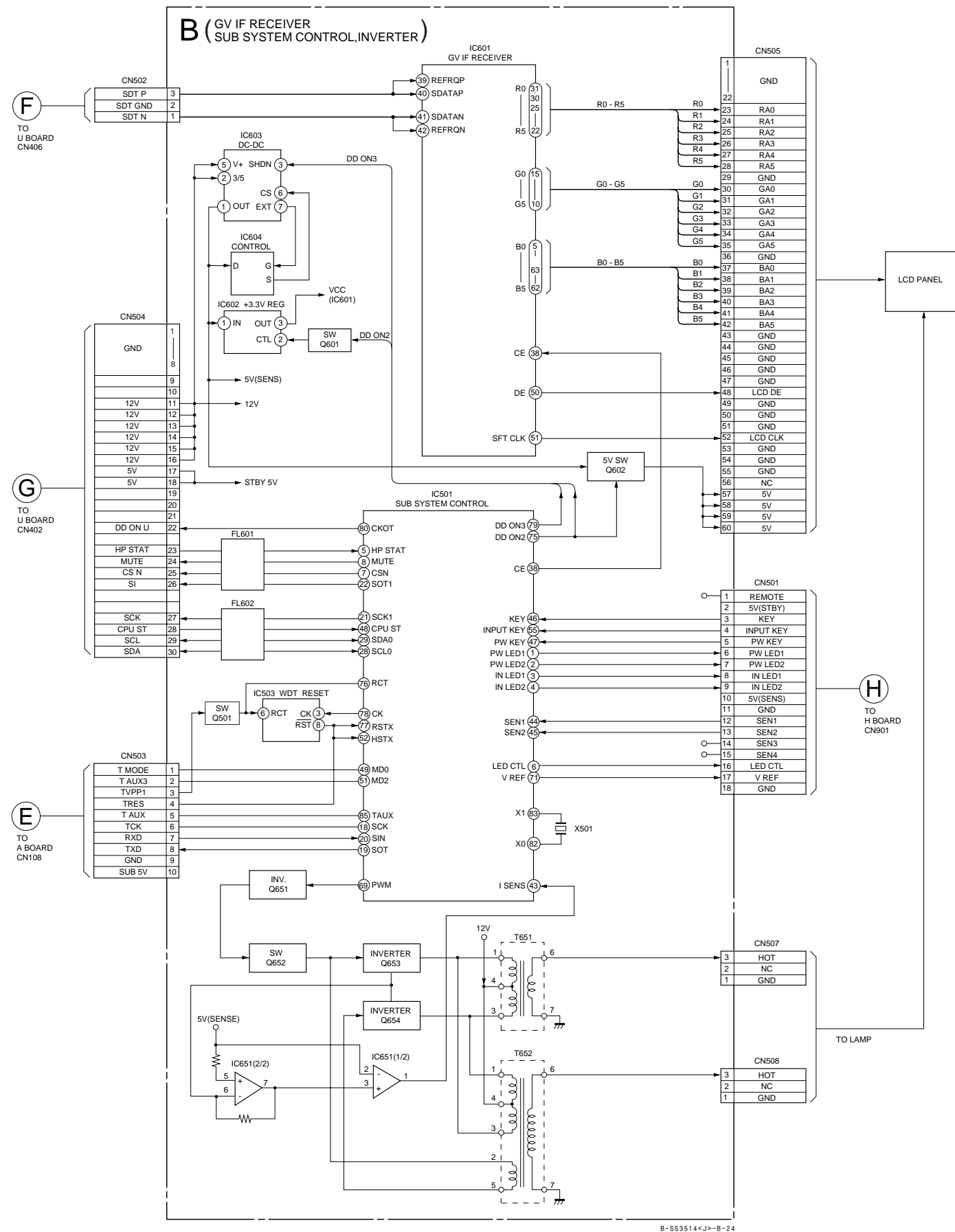
Within 4JND

Note: Make adjustment up to ±0.002. position.

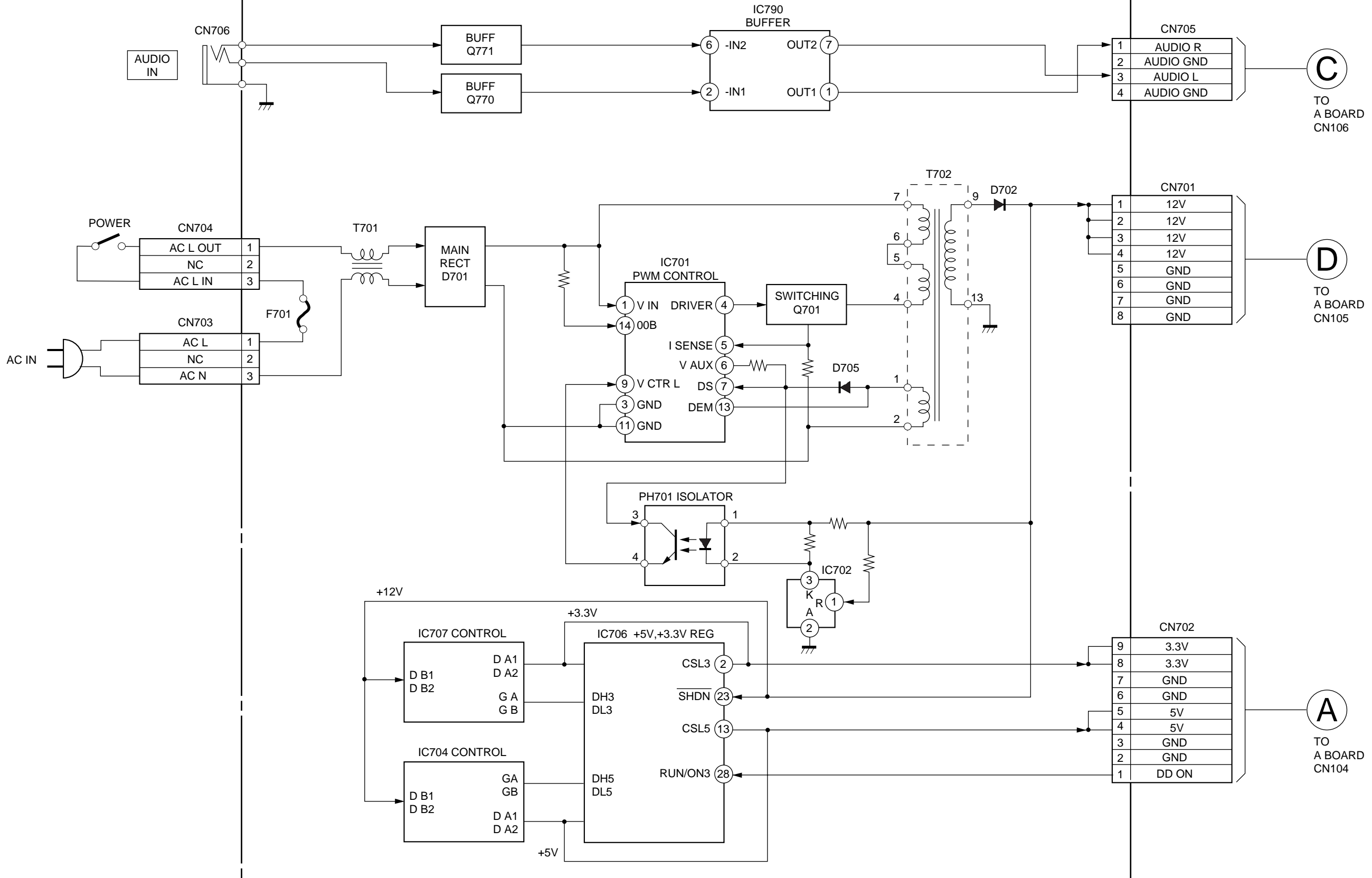
# SECTION 4 DIAGRAMS

## 4-1. BLOCK DIAGRAMS

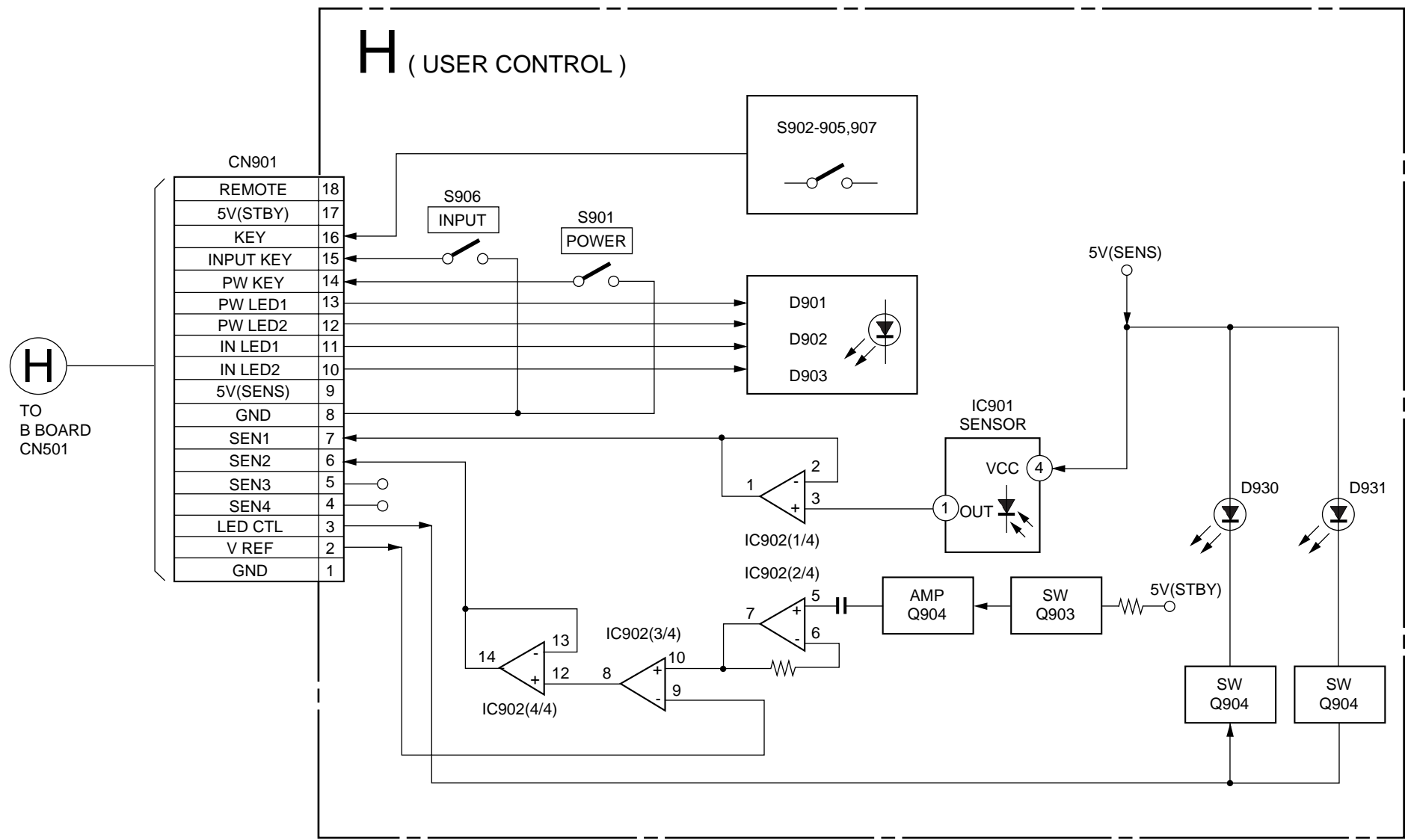




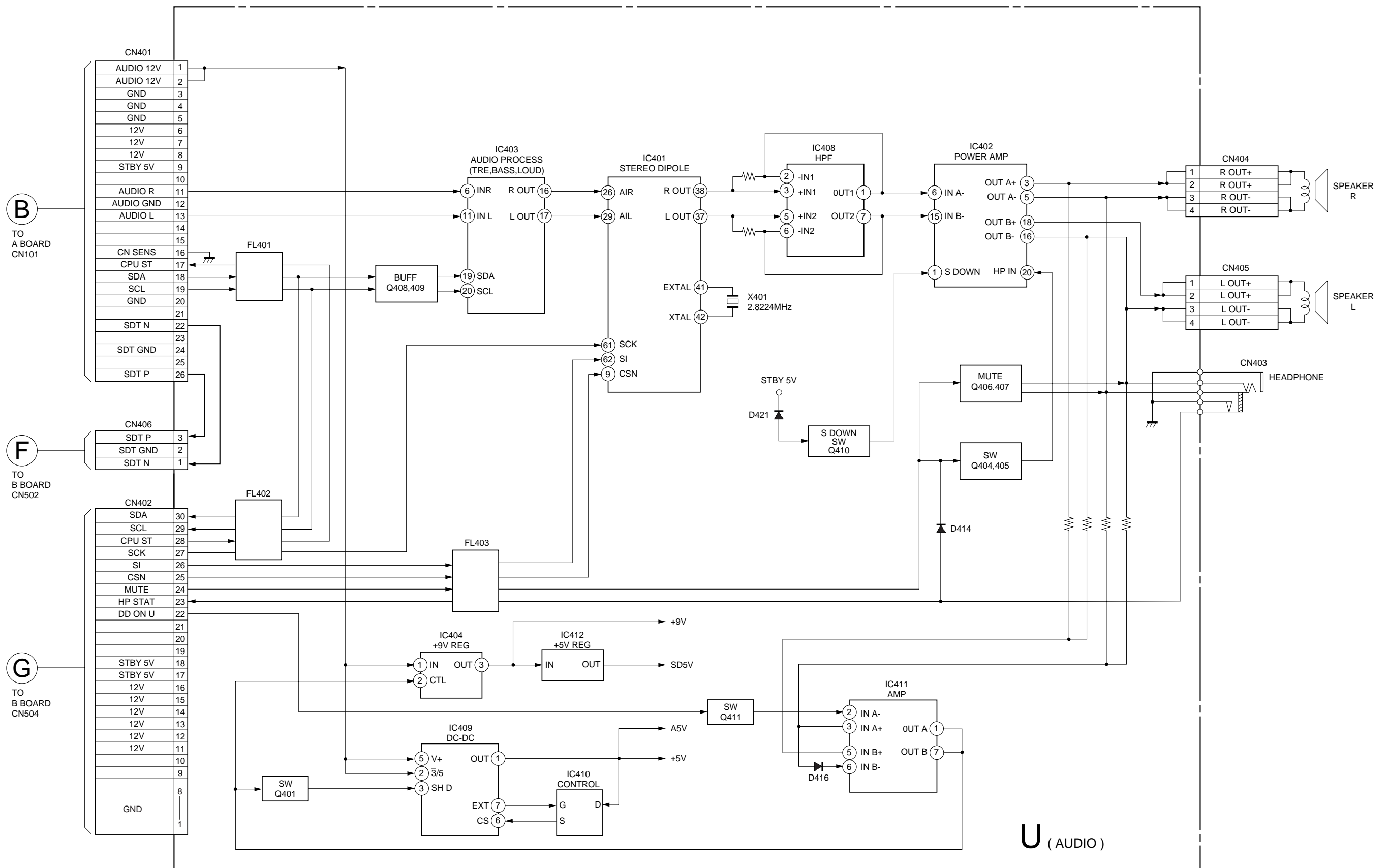
# G (POWER SUPPLY, AUDIO IN)



B-SS3514<J>-G-24



B-SS3514<J>-H-24



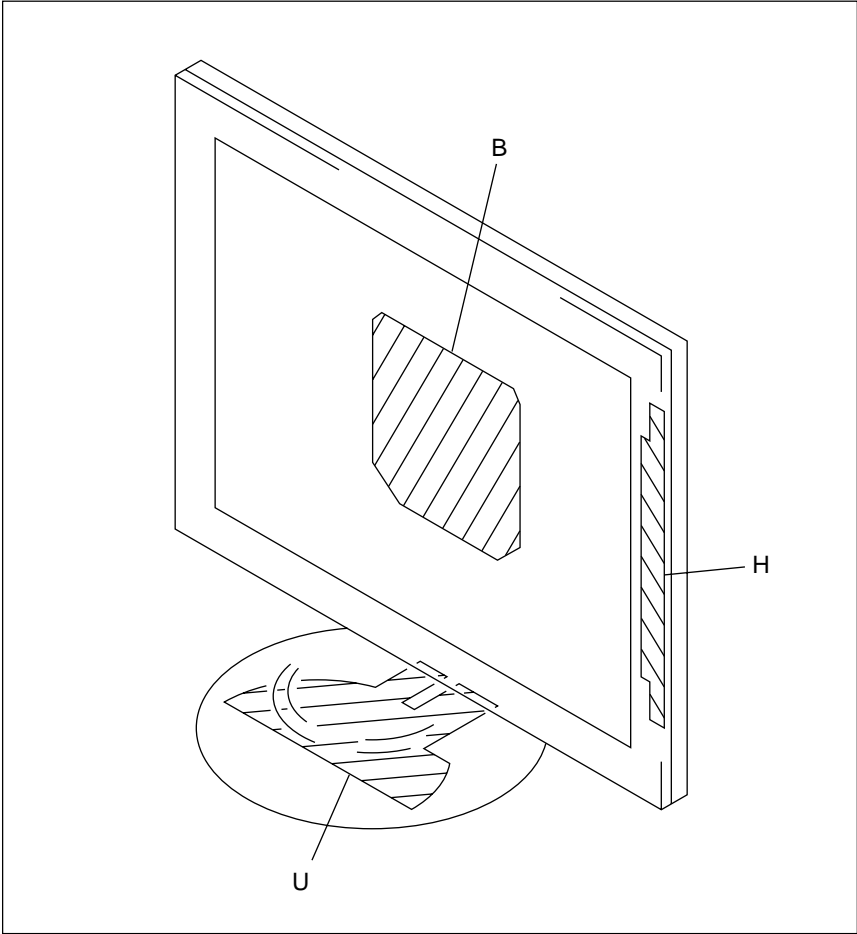
U (AUDIO)

B-SS3514<J>-U-24

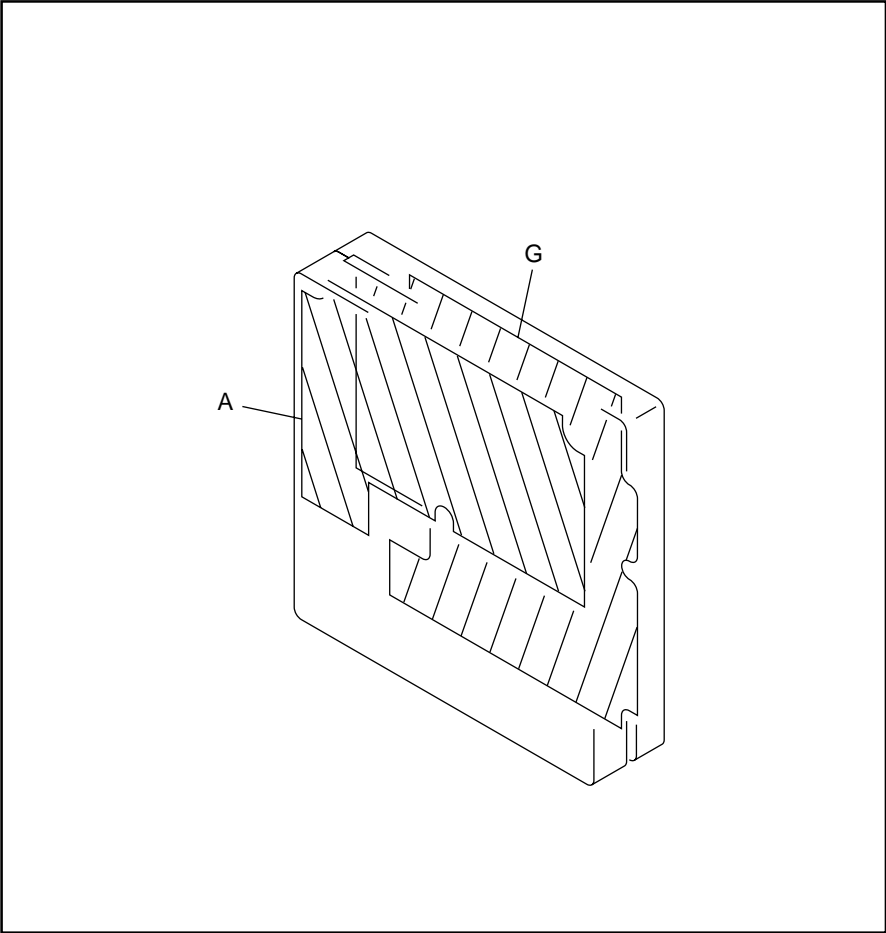


# 4-2. CIRCUIT BOARDS LOCATION

DISPLAY



MEDIA ENGIN











## 4-3. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS

### Note:

- All capacitors are in  $\mu\text{F}$  unless otherwise noted. (pF:  $\mu\mu\text{F}$ )  
Capacitors without voltage indication are all 50 V.
- Indication of resistance, which does not have one for rating electrical power, is as follows.

Pitch: 5 mm

Rating electrical power 1/4 W (CHIP : 1/10 W)

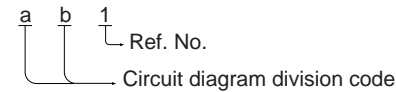
- All resistors are in ohms.
-  : nonflammable resistor.
-  : fusible resistor.
- $\triangle$  : internal component.
-  : panel designation, and adjustment for repair.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- $\perp$  : earth-ground.
-  : earth-chassis.
- The components identified by  in this basic schematic diagram have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation.  
Should replacement be required, replace only with the value originally used.
- When replacing components identified by , make the necessary adjustments indicated. (See page 2-1)
- When replacing the part in below table, be sure to perform the related adjustment.
- All voltages are in V.
- Readings are taken with a 10 M $\Omega$  digital multimeter.
- Readings are taken with a color-bar signal input.
- Voltage variations may be noted due to normal production tolerances.
- \* : Can not be measured.
- Circled numbers are waveform references.
-  : B + bus.
-  : B - bus.

**Note: The components identified by shading and mark  $\triangle$  are critical for safety. Replace only with part number specified.**

**Note: Les composants identifiés par un tramé et une marque  $\triangle$  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.**

- Divided circuit diagram

One sheet of A, U boards circuit diagrams are divided into two sheets, each having the code A-P1- $\text{\textcircled{a}}$  to A-P1- $\text{\textcircled{b}}$ , A-P2- $\text{\textcircled{a}}$  to A-P2- $\text{\textcircled{b}}$ , A-P3- $\text{\textcircled{a}}$  to A-P3- $\text{\textcircled{b}}$ , U- $\text{\textcircled{a}}$  to U- $\text{\textcircled{b}}$ . For example, the destination ab1 on the A-P1- $\text{\textcircled{a}}$  sheet is connected to ab1 on the A-P1- $\text{\textcircled{b}}$  sheet.



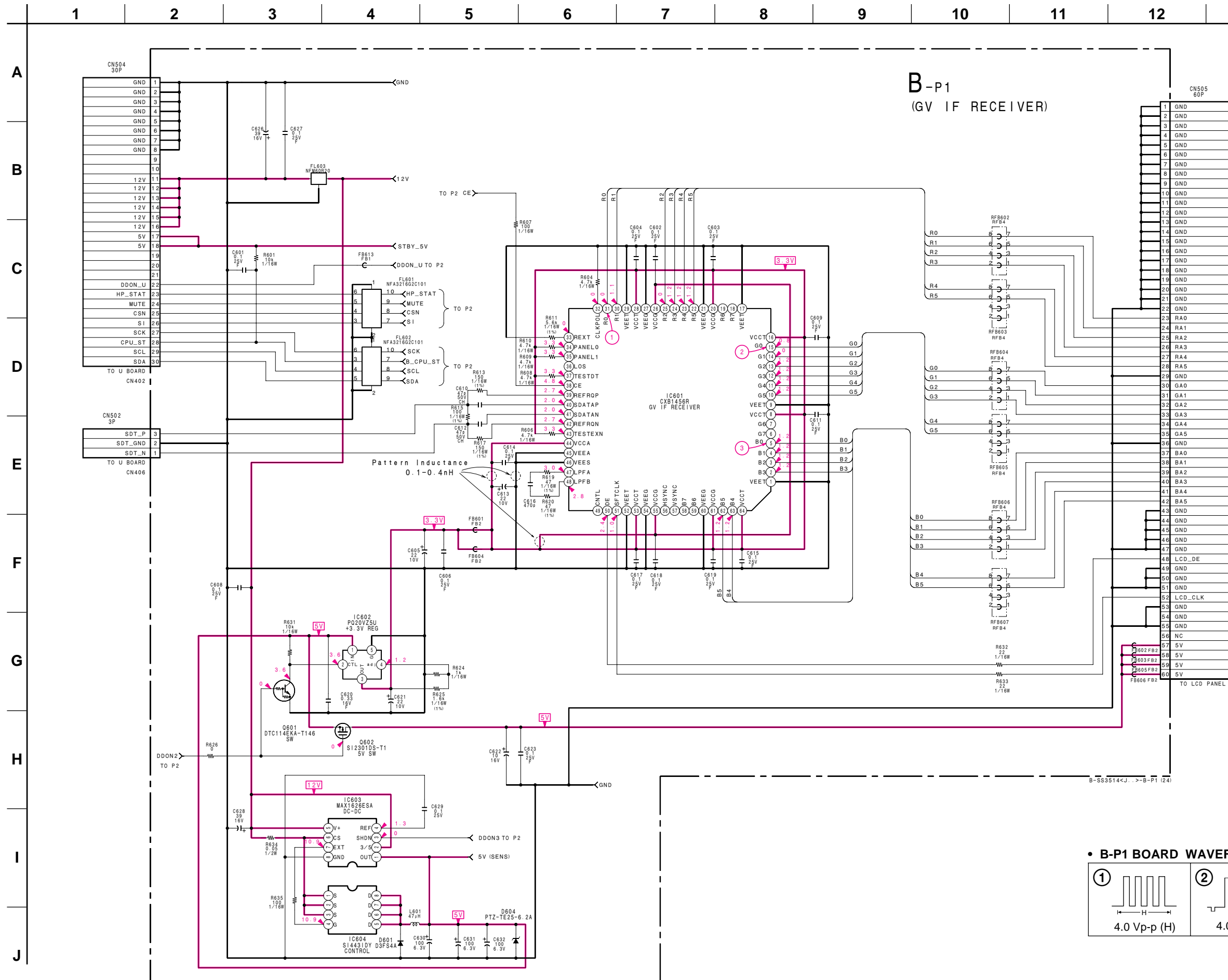
**Terminal name of semiconductors in silk screen printed circuit (\* )**

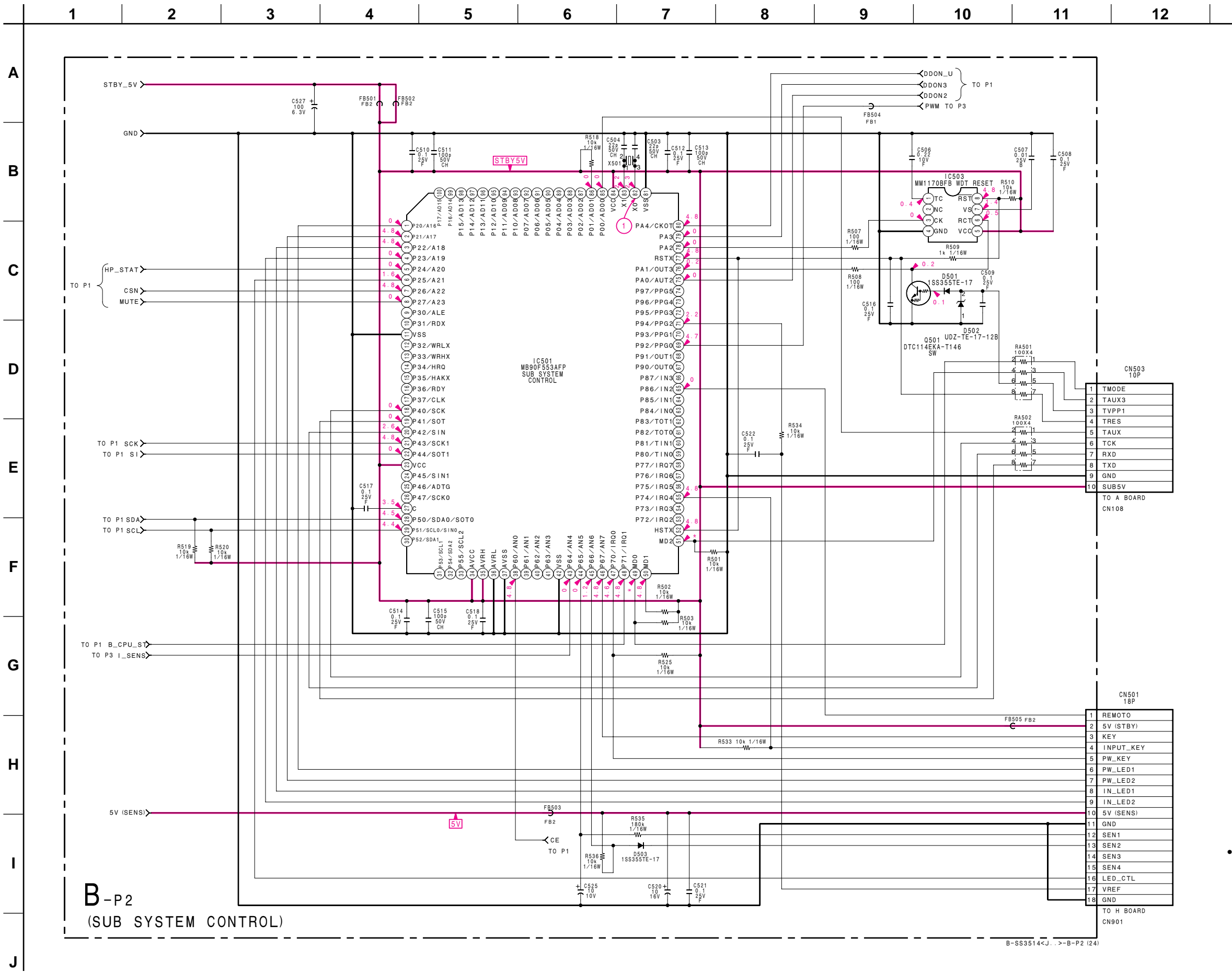
	Device	Printed symbol	Terminal name	Circuit
1	Transistor		Collector Base Emitter	
2	Transistor		Collector Base Emitter	
3	Diode		Cathode Anode	
4	Diode		Cathode Anode (NC)	
5	Diode		Cathode Anode (NC)	
6	Diode		Common Anode Cathode	
7	Diode		Common Anode Cathode	
8	Diode		Common Anode Anode	
9	Diode		Common Anode Anode	
0	Diode		Common Cathode Cathode	
qa	Diode		Common Cathode Cathode	
qs	Diode		Anode Anode Cathode Anode Cathode	
qd	Transistor (FET)		Drain Source Gate	
qf	Transistor (FET)		Drain Source Gate	
qg	Transistor (FET)		Source Drain Gate	
qh	Transistor		Emitter Collector Base	
-	Discrete semiconductot			

(Chip semiconductors that are not actually used are included.)

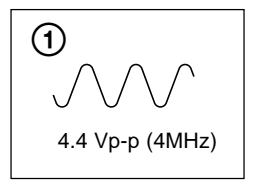
Ver.1.0

(2) Schematic Diagrams of B (P-1,P-2,P-3) Board

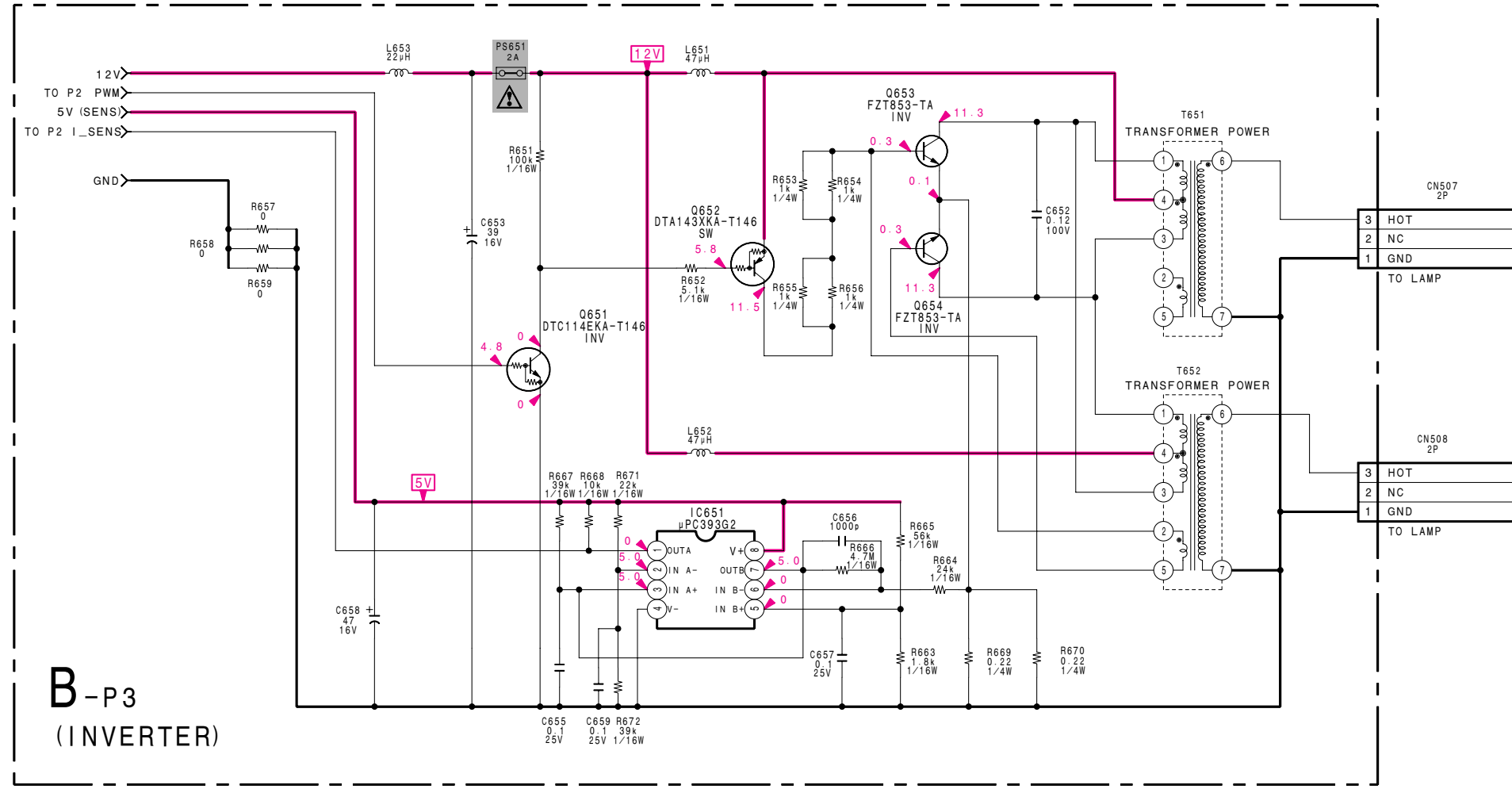




• B-P2 BOARD WAVEFORMS



A  
B  
C  
D  
E  
F  
G  
H  
I



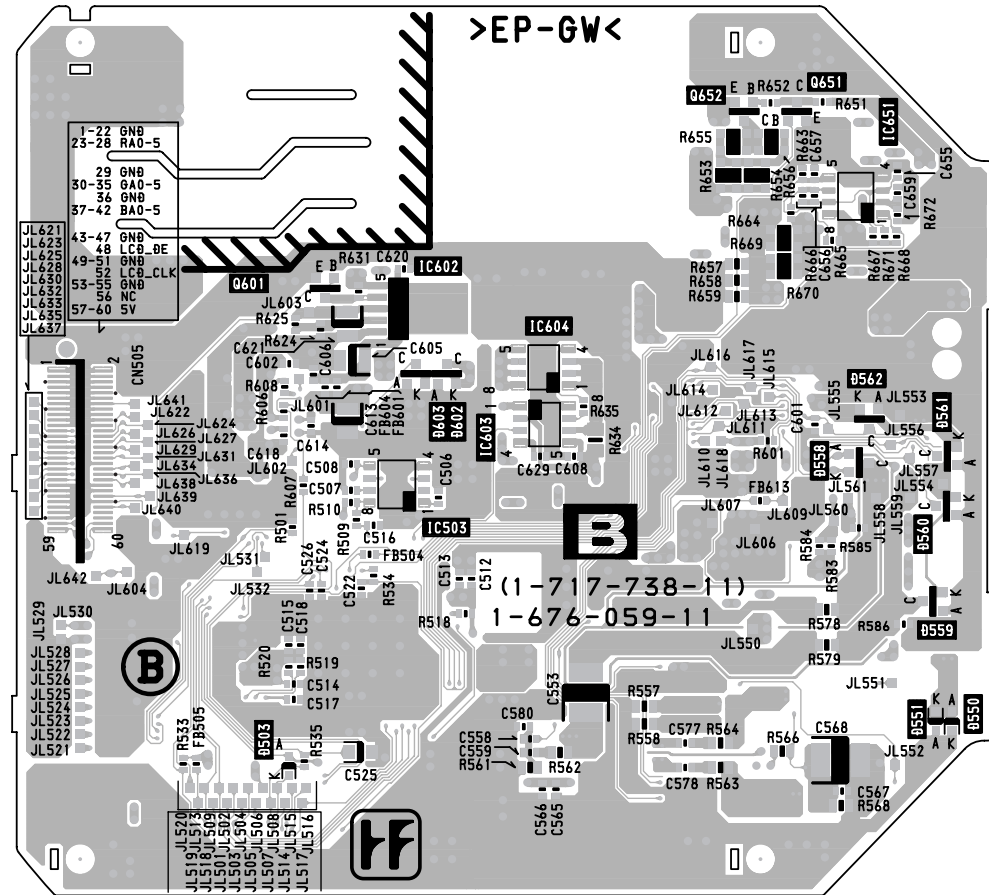
B-P3  
(INVERTER)

B-SS3514<J...>-B-P3 (24)

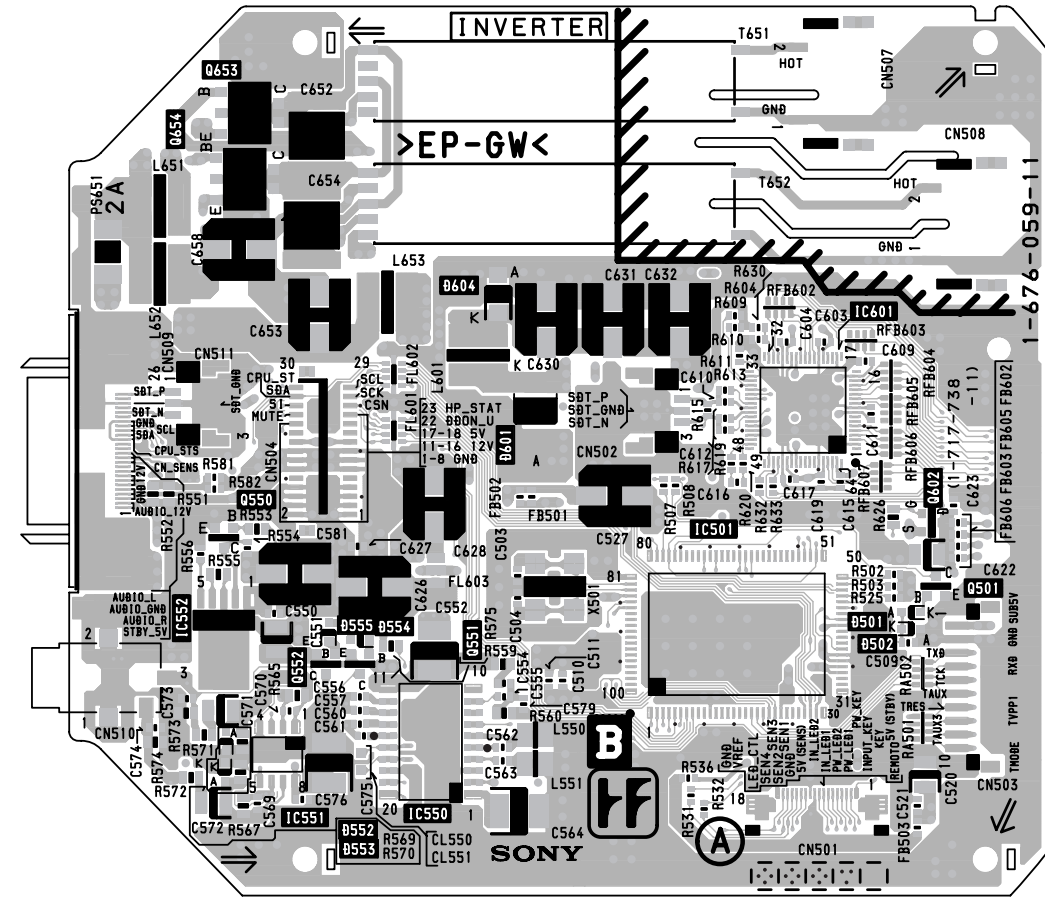
**B**

[ GV IF RECOVER SIB SYSTEM CONTROL, INVERTER ]

— B BOARD (Component Side) —



— B BOARD (Conductor Side) —



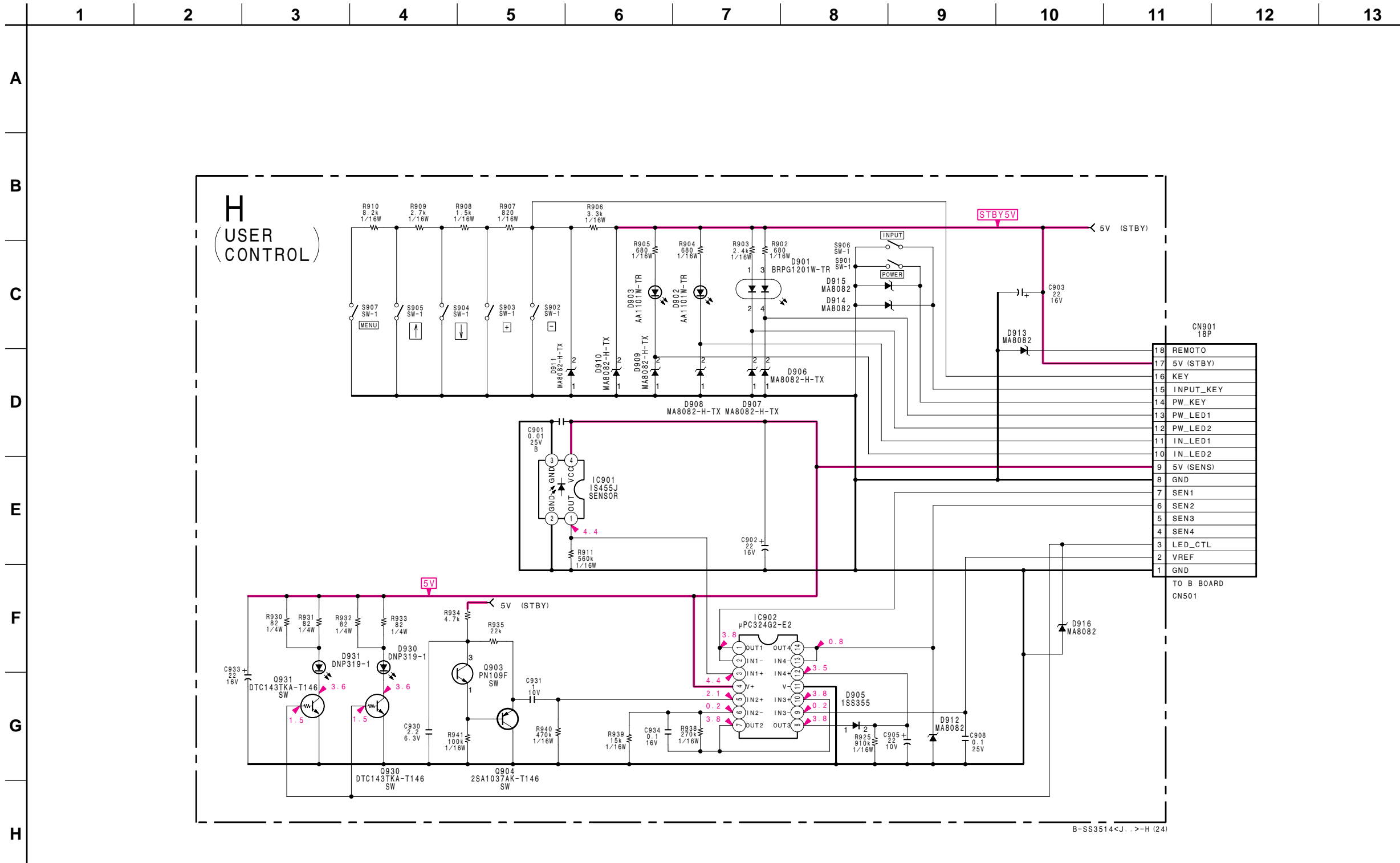
**B BOARD**

Terminal name of semiconductors in silk screen printed circuit (\*)

Ref.	*
Q501, Q601, Q651, Q652	②
Q602	⑬
Q653, Q654	⑯
D501 - D503, D601, D603	③

\*: Refer to Terminal name of semiconductors in silk screen printed circuit (see page 4-9)

(3) Schematic Diagram of H Board

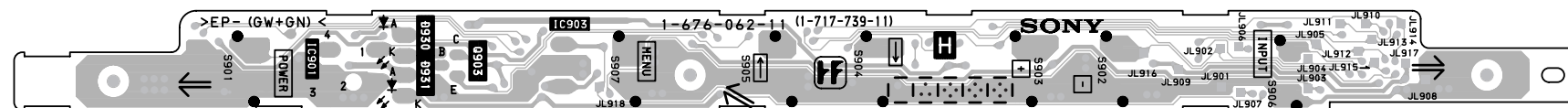




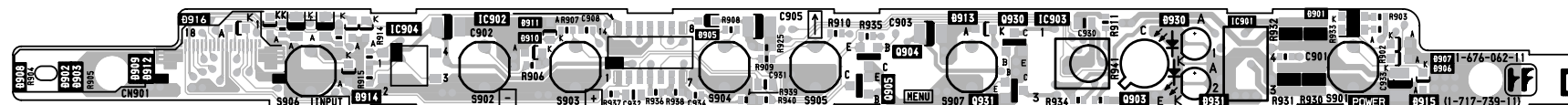


[ USER CONTROL ]

— H BOARD (Component Side) —



— H BOARD (Conductor Side) —



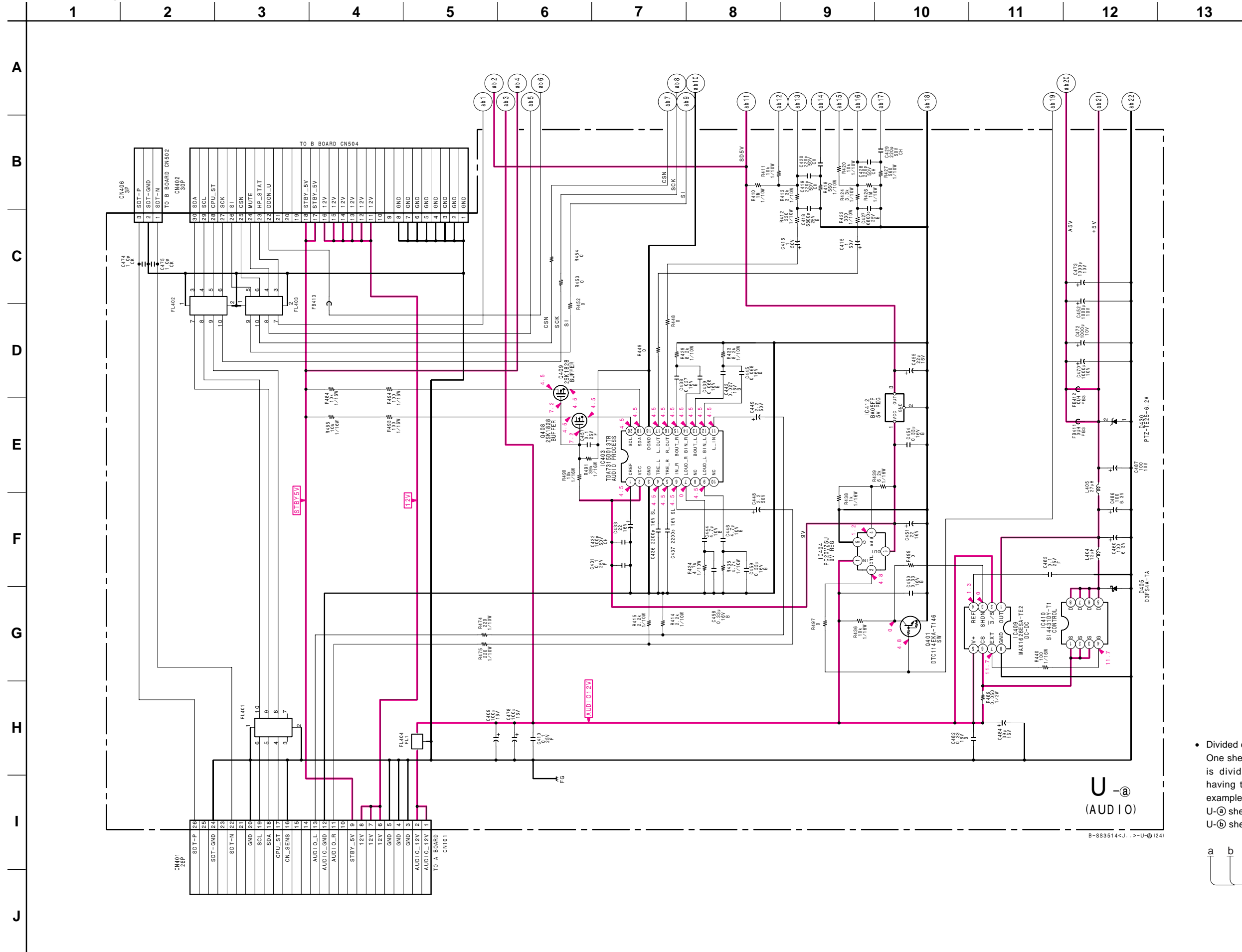
**H BOARD**

Terminal name of semiconductors  
in silk screen printed circuit (\*)

Ref.	*
Q903, Q930, Q931	②
D905 - D916	③

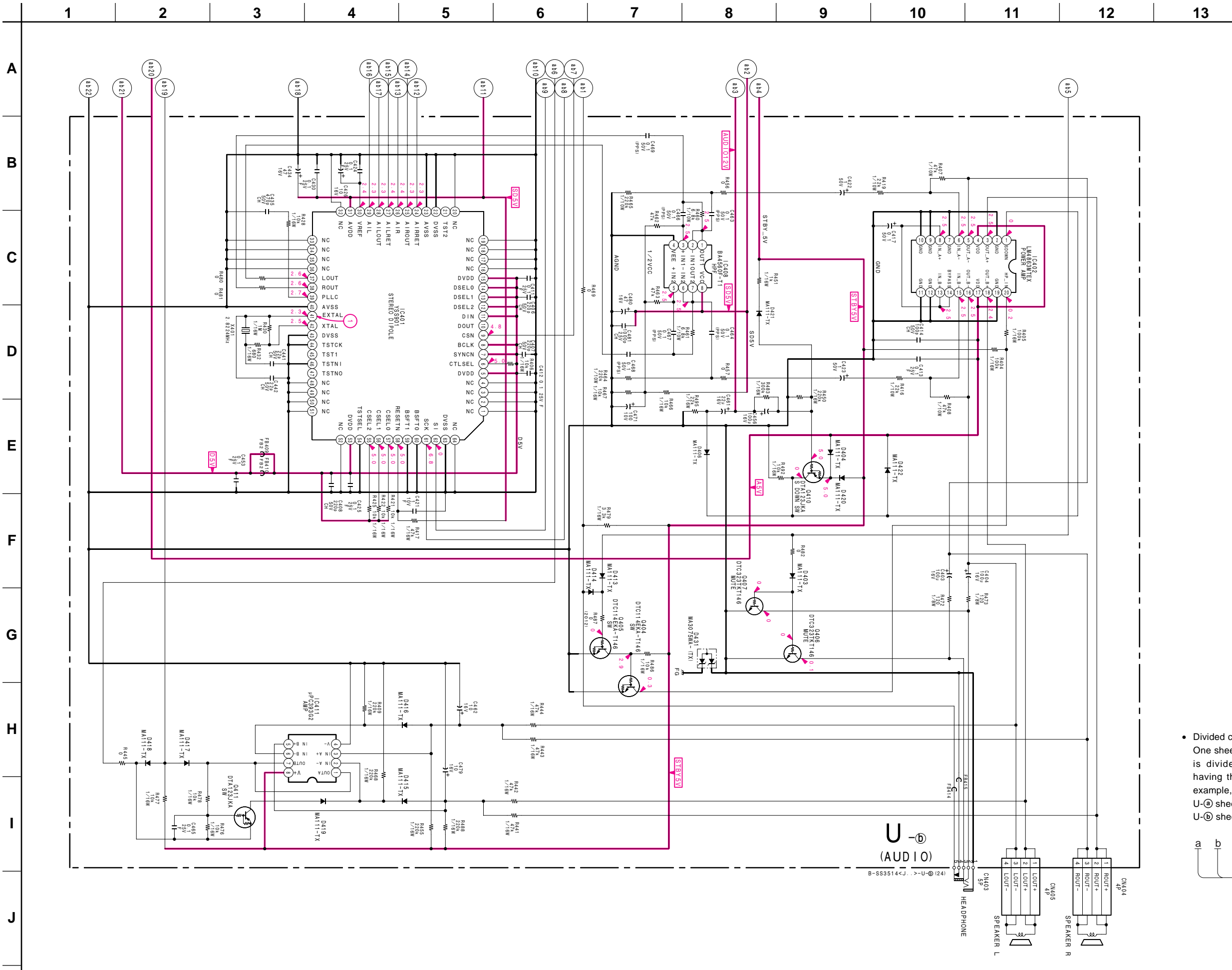
※: Refer to Terminal name of semiconductors  
in silk screen printed circuit (see page 4-9)

(4) Schematic Diagram of U Board



• Divided circuit diagram  
 One sheet of U board circuit diagram is divided into two sheets, each having the code U-ⓐ to U-ⓑ. For example, the destination (ab1) on the U-ⓐ sheet is connected to (ab1) on the U-ⓑ sheet.

a b 1 Ref. No.  
 Circuit diagram division code

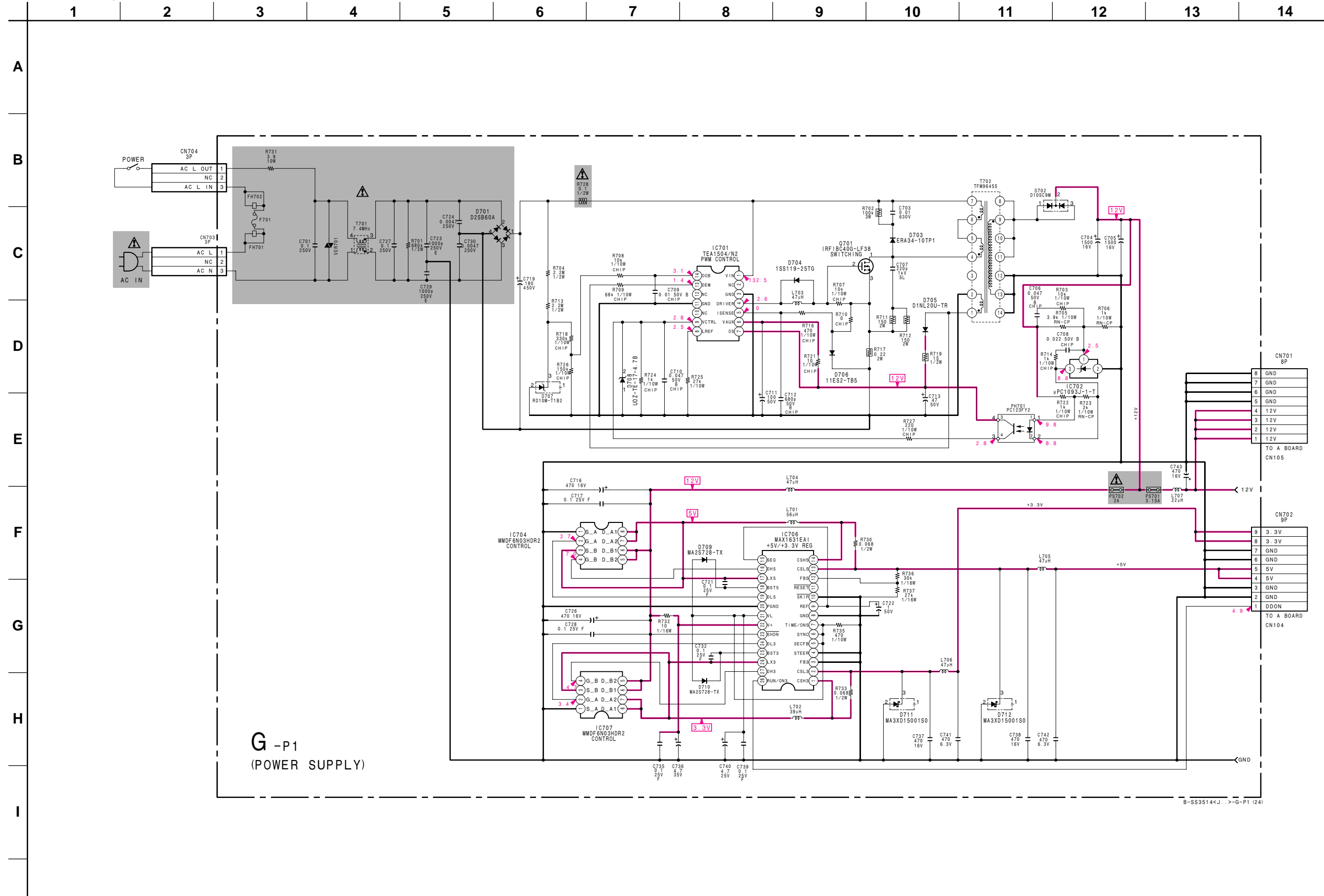


• Divided circuit diagram  
 One sheet of U board circuit diagram is divided into two sheets, each having the code U-ⓐ to U-ⓑ. For example, the destination ⓐb1 on the U-ⓐ sheet is connected to ⓐb1 on the U-ⓑ sheet.

a b 1 Ref. No.  
 Circuit diagram division code



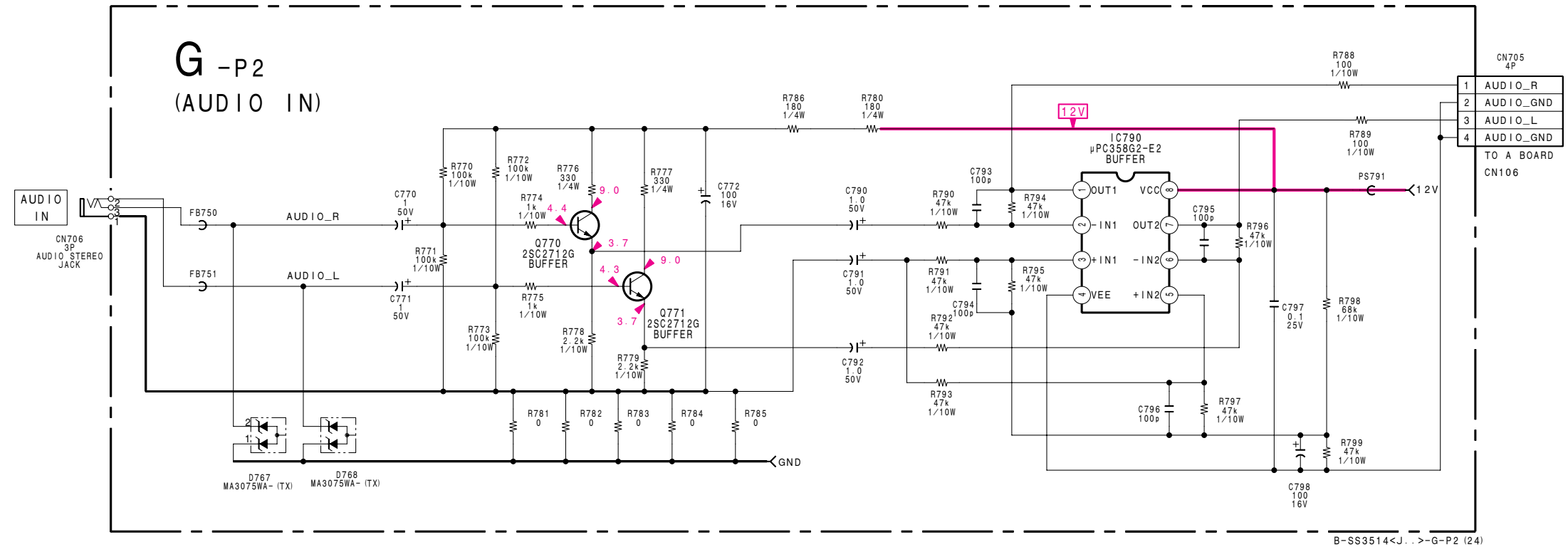
(5) Schematic Diagram of G(P-1,P-2) Board



B-SS3514<J...>-G-P1 (24)

1 2 3 4 5 6 7 8 9 10 11 12 13 14

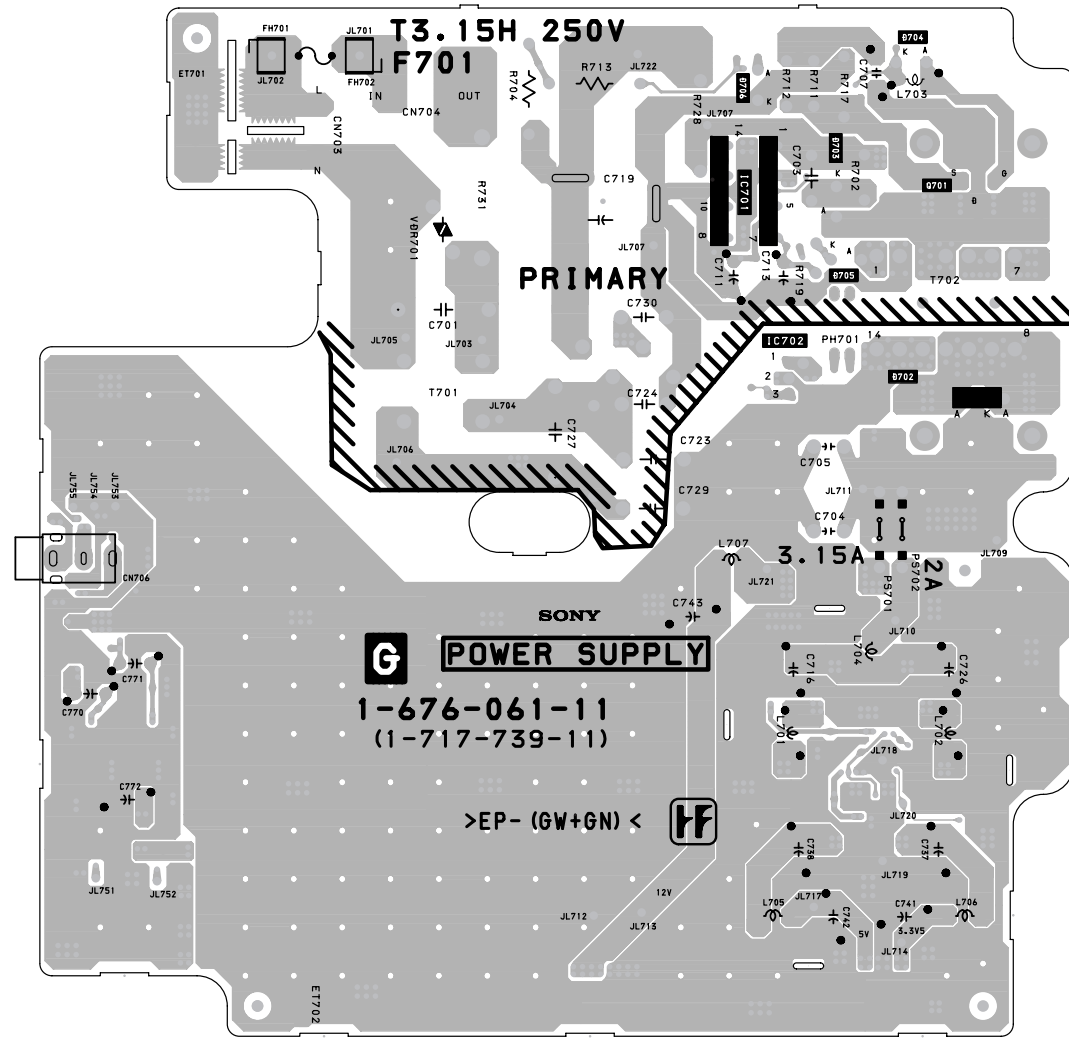
A  
B  
C  
D  
E  
F  
G  
H  
I



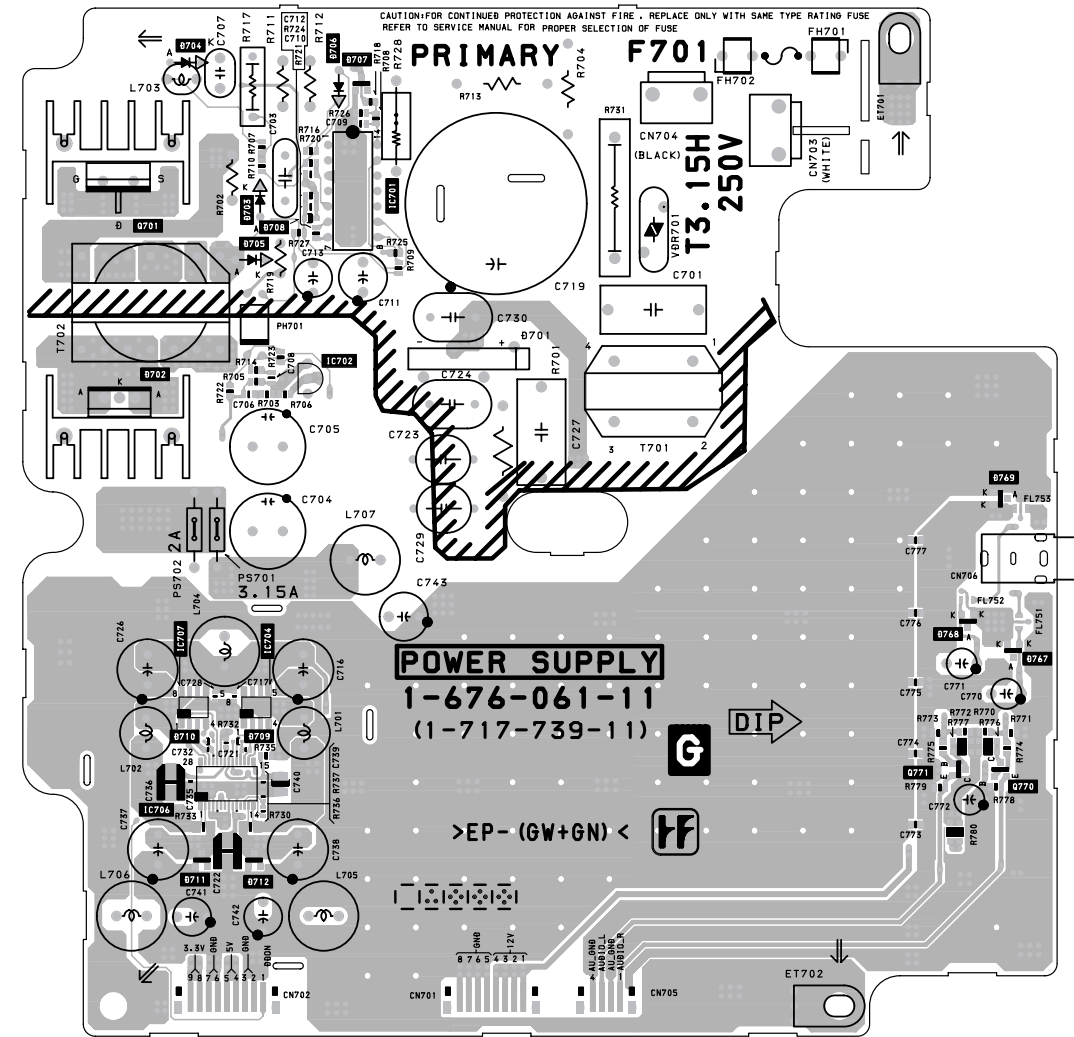


[ POWER SUPPLY, AUDIO IN ]

— U BOARD (Component Side) —



— U BOARD (Conductor Side) —



### U BOARD

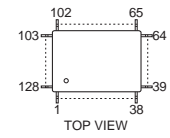
Terminal name of semiconductors  
in silk screen printed circuit (※)

Ref.	*
Q770, Q771	②
D708 - D710	③
D707, D711, D712	⑤
D767, D768	⑪

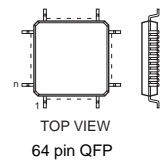
※: Refer to Terminal name of semiconductors  
in silk screen printed circuit (see page 4-9)

# 4-5. SEMICONDUCTORS

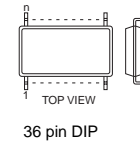
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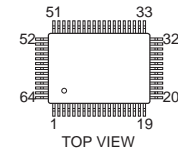
XCB1456R



M52758FP



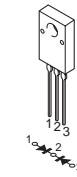
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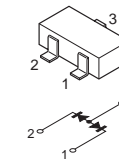
IRFIBC40G-LF38



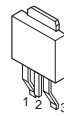
D10SC9M



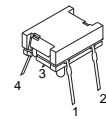
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MA3130WA-TX



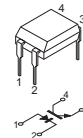
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BA05FP-E2



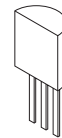
IS455J



C123F2  
PC123FY2



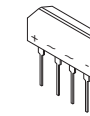
UPC1093J-1-T



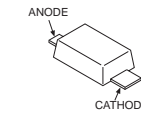
PN109F



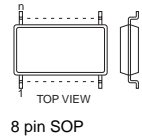
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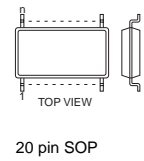
MA8082-H-TX



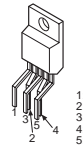
BA4560F  
MAX1626ESA-TE2  
MM1170BFB  
SN74CBTD3306PWR  
UPC358G2  
UPC393G2  
24LC21AT/SN



LM4863MTEX  
TDA7315D013TR

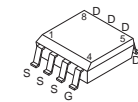


PQ20VZ5U

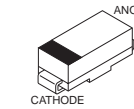


DTA114EKA-T146  
DTA123JKA-T146  
DTA143XKA-T146  
DTC114EK  
DTC114EKA-T146  
DTC143TKA-T146  
DTC323TK  
DTC323TKT146  
2SA1037AK-T-146-QR  
2SC2712G-TE85L  
2SC2712-YG

SI2301DS-T1



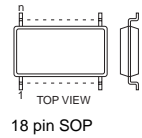
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MA2S728  
PTZ-TE25-6.2A



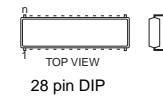
RE10M-B2  
RE10M-T1B2



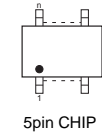
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MAX1631EAI-TG-068



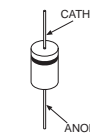
TC7S04FU(TE85R)  
TC74S08FU(TE85R)  
TC74S32FU(TE85R)



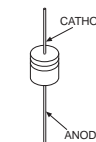
2SK1828  
2SK1828TE85L  
SI4431DY-T1  
DTZ4.7C  
MA111  
RD12SB2  
UCZ-TE-17-12B  
UCZ-TE-17-4.7B  
1SS355TE-17



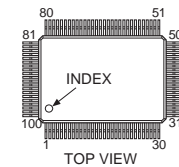
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RGP02-20EL-6394



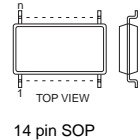
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11ES2



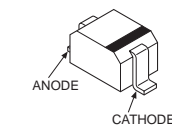
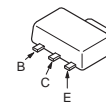
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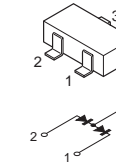
TC74HC4066AFT(EL)  
TC74VHCT14AFT(EL)  
TC74VHC04FT(EL)  
TC74VHC125FT(EL)  
TC74VHC86FT(EL)



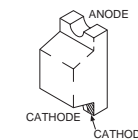
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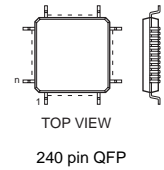
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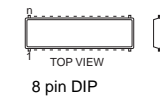
AA1101W



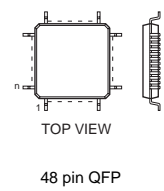
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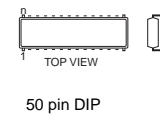
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M24C16-MN6T



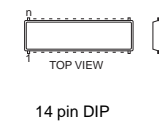
CXB1455R



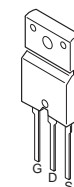
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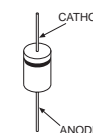
TEA1504/N2



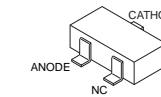
RFIBC40



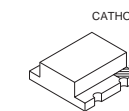
D1NL20U-TR



MA3XD15001S0



BRPG1201W





## SECTION 6

### ELECTRICAL PARTS LIST

#### NOTE:

The components identified  $\triangle$  marked are critical for safety.  
Replace only with the part number specified.

Les composants identifiés par la marque  $\triangle$  sont critiques pour la sécurité.  
Ne les remplacer que par une pièce portant le numéro spécifié.

When indicating parts by reference number, please include the board name.

The components identified by  $\boxtimes$  in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

- Items marked " \* " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

#### RESISTORS

- All resistors are in ohms
- F : nonflammable

No.	#	Board	Type	△/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
1		B	CAPACITOR		C503	1-162-919-11	CERAMIC CHIP 22PF 5.00% 50V			
2		B	CAPACITOR		C504	1-162-919-11	CERAMIC CHIP 22PF 5.00% 50V			
3		B	CAPACITOR		C506	1-115-467-11	CERAMIC CHIP 0.22UF 10.00% 10V			
4		B	CAPACITOR		C507	1-162-970-11	CERAMIC CHIP 0.01UF 10.00% 25V			
5		B	CAPACITOR		C508	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
6		B	CAPACITOR		C510	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
7		B	CAPACITOR		C511	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
8		B	CAPACITOR		C512	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
9		B	CAPACITOR		C513	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
10		B	CAPACITOR		C514	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
11		B	CAPACITOR		C515	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
12		B	CAPACITOR		C516	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
13		B	CAPACITOR		C517	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
14		B	CAPACITOR		C518	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
15		B	CAPACITOR		C520	1-104-913-11	TANTAL. CHIP 10UF 20.00% 16V			
16		B	CAPACITOR		C521	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
17		B	CAPACITOR		C522	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
18		B	CAPACITOR		C525	1-104-851-11	TANTAL. CHIP 10UF 20.00% 10V			
19		B	CAPACITOR		C527	1-128-705-11	ELECT 0PF 0V			
20		B	CAPACITOR		C601	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
21		B	CAPACITOR		C602	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
22		B	CAPACITOR		C603	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
23		B	CAPACITOR		C604	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
24		B	CAPACITOR		C605	1-128-694-91	TANTAL. CHIP 22UF 20% 10V			
25		B	CAPACITOR		C606	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
26		B	CAPACITOR		C608	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
27		B	CAPACITOR		C609	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
28		B	CAPACITOR		C610	1-162-923-11	CERAMIC CHIP 47PF 5.00% 50V			
29		B	CAPACITOR		C611	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
30		B	CAPACITOR		C612	1-162-923-11	CERAMIC CHIP 47PF 5.00% 50V			
31		B	CAPACITOR		C613	1-128-694-91	TANTAL. CHIP 22UF 20% 10V			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
32		B	CAPACITOR		C614	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
33		B	CAPACITOR		C615	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
34		B	CAPACITOR		C616	1-164-315-11	CERAMIC CHIP 470PF 5.00% 50V			
35		B	CAPACITOR		C617	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
36		B	CAPACITOR		C618	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
37		B	CAPACITOR		C619	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
38		B	CAPACITOR		C620	1-165-112-11	CERAMIC CHIP 0.33UF 16V			
39		B	CAPACITOR		C621	1-128-694-91	TANTAL. CHIP 22UF 20% 10V			
40		B	CAPACITOR		C622	1-104-913-11	TANTAL. CHIP 10UF 20.00% 16V			
41		B	CAPACITOR		C623	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
42		B	CAPACITOR		C626	1-135-599-11	ELECT CHIP 39UF 20% 16V			
43		B	CAPACITOR		C627	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
44		B	CAPACITOR		C628	1-135-599-11	ELECT CHIP 39UF 20% 16V			
45		B	CAPACITOR		C629	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
46		B	CAPACITOR		C630	1-135-595-11	ELECT 100UF 20% 6.3V			
47		B	CAPACITOR		C631	1-135-595-11	ELECT 100UF 20% 6.3V			
48		B	CAPACITOR		C632	1-128-705-11	ELECT 0PF 0V			
49		B	CAPACITOR		C652	1-131-616-11	MYLAR CHIP 0.12UF 10% 100V			
50		B	CAPACITOR		C653	1-135-599-11	ELECT CHIP 39UF 20% 16V			
51		B	CAPACITOR		C655	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
52		B	CAPACITOR		C656	1-164-357-11	CERAMIC CHIP 0.001UF 5.00% 50V			
53		B	CAPACITOR		C657	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
54		B	CAPACITOR		C658	1-128-704-11	ELECT 0PF 0V			
55		B	CAPACITOR		C659	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
56		B	CONNECTOR		CN501	1-691-356-21	"CONNECTOR, FFC/FPC (ZIF) 18P"			
57		B	CONNECTOR		CN502	1-793-913-21	"PIN, CONNECTOR (WITH PWB) 3P"			
58		B	CONNECTOR		CN504	1-793-911-21	"PIN, CONNECTOR (WITH PWB) 30P"			
59		B	CONNECTOR		CN505	1-793-912-21	"CONNECTOR, BOARD TO BOARD 60P"			
60		B	CONNECTOR	*	CN507	1-766-311-21	"PIN, CONNECTOR (PC BOARD) 2P"			
61		B	CONNECTOR	*	CN508	1-766-311-21	"PIN, CONNECTOR (PC BOARD) 2P"			
62		B	DIODE		D503	8-719-988-61	1SS355TE-17			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
63		B	DIODE		D601	8-719-054-47	D3FS4A-TA			
64		B	DIODE		D604	8-719-073-69	PTZ-TE25-6.2A			
65		B	FERRITE BEAD		FB501	1-414-445-11	FERRITE 0UH			
66		B	FERRITE BEAD		FB502	1-414-445-11	FERRITE 0UH			
67		B	FERRITE BEAD		FB503	1-414-445-11	FERRITE 0UH			
68		B	FERRITE BEAD		FB504	1-469-118-21	FERRITE 0UH			
69		B	FERRITE BEAD		FB505	1-414-445-11	FERRITE 0UH			
70		B	FERRITE BEAD		FB601	1-414-445-11	FERRITE 0UH			
71		B	FERRITE BEAD		FB602	1-414-445-11	FERRITE 0UH			
72		B	FERRITE BEAD		FB603	1-414-445-11	FERRITE 0UH			
73		B	FERRITE BEAD		FB604	1-414-445-11	FERRITE 0UH			
74		B	FERRITE BEAD		FB605	1-414-445-11	FERRITE 0UH			
75		B	FERRITE BEAD		FB606	1-414-445-11	FERRITE 0UH			
76		B	FERRITE BEAD		FB613	1-469-118-21	FERRITE 0UH			
77		B	FERRITE BEAD		FL601	1-469-461-21	FERRITE 0UH			
78		B	FERRITE BEAD		FL602	1-469-461-21	FERRITE 0UH			
79		B	FILTER		FL603	1-234-498-21	"FILTER, EMI"			
80		B	IC		IC501	8-759-650-08	MB90553APF-G-189-BND			
81		B	IC		IC503	6-701-774-01	MM1170BFBE			
82		B	IC		IC601	8-752-088-88	CXB1456R			
83		B	IC		IC602	8-759-259-77	PQ20VZ5U			
84		B	IC		IC603	8-759-485-63	MAX1626ESA-TE2			
85		B	IC		IC604	8-729-045-53	SI4431DY-T1			
86		B	IC		IC651	8-759-100-93	UPC393G2			
87		B	COIL		L601	1-419-424-21	INDUCTOR 47UH			
88		B	COIL		L651	1-419-424-21	INDUCTOR 47UH			
89		B	COIL		L652	1-419-424-21	INDUCTOR 47UH			
90		B	COIL		L653	1-419-426-21	INDUCTOR 22UH			
91		B	FUSE		PS651	1-533-999-21	"FUSE, (SMD)"			
92		B	TRANSISTOR		Q601	8-729-900-53	DTC114EK			
93		B	TRANSISTOR		Q602	8-729-046-75	SI2301DS-T1			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
94		B	TRANSISTOR		Q651	8-729-900-53	DTC114EK			
95		B	TRANSISTOR		Q652	8-729-027-36	DTA143XKA-T146			
96		B	TRANSISTOR		Q653	8-729-051-52	FZT853-TA			
97		B	TRANSISTOR		Q654	8-729-051-52	FZT853-TA			
98		B	RESISTOR		R501	1-216-833-11	RES-CHIP 10K 5% 1/10W			
99		B	RESISTOR		R502	1-216-833-11	RES-CHIP 10K 5% 1/10W			
100		B	RESISTOR		R503	1-216-833-11	RES-CHIP 10K 5% 1/10W			
101		B	RESISTOR		R507	1-216-809-11	RES-CHIP 100 5% 1/10W			
102		B	RESISTOR		R508	1-216-809-11	RES-CHIP 100 5% 1/10W			
103		B	RESISTOR		R509	1-216-821-11	RES-CHIP 1K 5% 1/10W			
104		B	RESISTOR		R510	1-216-833-11	RES-CHIP 10K 5% 1/10W			
105		B	RESISTOR		R518	1-216-833-11	RES-CHIP 10K 5% 1/10W			
106		B	RESISTOR		R519	1-216-833-11	RES-CHIP 10K 5% 1/10W			
107		B	RESISTOR		R520	1-216-833-11	RES-CHIP 10K 5% 1/10W			
108		B	RESISTOR		R525	1-216-833-11	RES-CHIP 10K 5% 1/10W			
109		B	RESISTOR		R533	1-216-833-11	RES-CHIP 10K 5% 1/10W			
110		B	RESISTOR		R534	1-216-833-11	RES-CHIP 10K 5% 1/10W			
111		B	RESISTOR		R535	1-216-848-11	RES-CHIP 180K 5% 1/10W			
112		B	RESISTOR		R536	1-216-833-11	RES-CHIP 10K 5% 1/10W			
113		B	RESISTOR		R601	1-216-833-11	RES-CHIP 10K 5% 1/10W			
114		B	RESISTOR		R604	1-216-829-11	RES-CHIP 4.7K 5% 1/10W			
115		B	RESISTOR		R606	1-216-829-11	RES-CHIP 4.7K 5% 1/10W			
116		B	RESISTOR		R607	1-216-809-11	RES-CHIP 100 5% 1/10W			
117		B	RESISTOR		R608	1-216-829-11	RES-CHIP 4.7K 5% 1/10W			
118		B	RESISTOR		R609	1-216-829-11	RES-CHIP 4.7K 5% 1/10W			
119		B	RESISTOR		R610	1-216-829-11	RES-CHIP 4.7K 5% 1/10W			
120		B	RESISTOR		R611	1-218-710-11	METAL CHIP 5.6K 0.5% 1/16W			
121		B	RESISTOR		R613	1-218-672-11	METAL CHIP 150 0.5% 1/16W			
122		B	RESISTOR		R615	1-218-668-11	METAL CHIP 100 0.5% 1/16W			
123		B	RESISTOR		R617	1-218-672-11	METAL CHIP 150 0.5% 1/16W			
124		B	RESISTOR		R619	1-218-660-91	METAL CHIP 47 0.5% 1/16W			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
125		B	RESISTOR		R620	1-218-660-91	METAL CHIP 47 0.5% 1/16W			
126		B	RESISTOR		R624	1-216-821-11	RES-CHIP 1K 5% 1/10W			
127		B	RESISTOR		R625	1-218-697-11	METAL CHIP 1.6K 0.5% 1/16W			
128		B	RESISTOR		R626	1-216-295-91	SHORT 0			
129		B	RESISTOR		R631	1-216-833-11	RES-CHIP 10K 5% 1/10W			
130		B	RESISTOR		R632	1-216-801-11	RES-CHIP 22 5% 1/10W			
131		B	RESISTOR		R633	1-216-801-11	RES-CHIP 22 5% 1/10W			
132		B	RESISTOR		R634	1-240-941-91	METAL CHIP 0.05 1% 1/2W			
133		B	RESISTOR		R635	1-216-809-11	RES-CHIP 100 5% 1/10W			
134		B	RESISTOR		R651	1-216-845-11	RES-CHIP 100K 5% 1/10W			
135		B	RESISTOR		R652	1-218-272-11	RES-CHIP 5.1K 5% 1/10W			
136		B	RESISTOR		R653	1-220-264-11	RES-CHIP 1K 5% 1/4W			
137		B	RESISTOR		R654	1-220-264-11	RES-CHIP 1K 5% 1/4W			
138		B	RESISTOR		R655	1-220-264-11	RES-CHIP 1K 5% 1/4W			
139		B	RESISTOR		R656	1-220-264-11	RES-CHIP 1K 5% 1/4W			
140		B	RESISTOR		R657	1-216-295-91	SHORT 0			
141		B	RESISTOR		R658	1-216-295-91	SHORT 0			
142		B	RESISTOR		R659	1-216-295-91	SHORT 0			
143		B	RESISTOR		R663	1-218-698-11	METAL CHIP 1.8K 0.5% 1/16W			
144		B	RESISTOR		R664	1-218-725-11	RES-CHIP 24K 5% 1/10W			
145		B	RESISTOR		R665	1-218-734-11	METAL CHIP 56K 0.5% 1/16W			
146		B	RESISTOR		R666	1-220-397-11	RES-CHIP 4.7M 5% 1/10W			
147		B	RESISTOR		R667	1-216-840-11	RES-CHIP 39K 5% 1/10W			
148		B	RESISTOR		R668	1-216-833-11	RES-CHIP 10K 5% 1/10W			
149		B	RESISTOR		R669	1-211-899-11	RES-CHIP 0.22 10% 1/4W			
150		B	RESISTOR		R670	1-211-899-11	RES-CHIP 0.22 10% 1/4W			
151		B	RESISTOR		R671	1-216-837-11	RES-CHIP 22K 5% 1/10W			
152		B	RESISTOR		R672	1-216-840-11	RES-CHIP 39K 5% 1/10W			
153		B	INVERTER		T651	1-435-299-11	"TRANSFORMER, INVERTER (SMD)"			
154		B	INVERTER		T652	1-435-299-11	"TRANSFORMER, INVERTER (SMD)"			
155		B	CRYSTAL		X501	1-767-340-11	"VIBRATOR, CRYSTAL"			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
156		H	CAPACITOR		C901	1-162-970-11	CERAMIC CHIP 0.01UF 10.00% 25V			
157		H	CAPACITOR		C902	1-119-751-11	TANTAL. CHIP 22UF 20.00% 16V			
158		H	CAPACITOR		C903	1-119-751-11	TANTAL. CHIP 22UF 20.00% 16V			
159		H	CAPACITOR		C905	1-104-852-11	TANTAL. CHIP 22UF 20.00% 10V			
160		H	CAPACITOR		C908	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
161		H	CAPACITOR		C930	1-125-838-11	CERAMIC CHIP 2.2UF 10% 6.3V			
162		H	CAPACITOR		C931	1-125-838-11	CERAMIC CHIP 2.2UF 10% 6.3V			
163		H	CAPACITOR		C933	1-119-751-11	TANTAL. CHIP 22UF 20.00% 16V			
164		H	CAPACITOR		C934	1-104-700-11	CERAMIC CHIP 0.027UF 10.00% 16V			
165		H	CONNECTOR		CN901	1-691-356-21	"CONNECTOR, FFC/FPC (ZIF) 18P"			
166		H	DIODE		D901	8-719-991-97	BRPG1201W			
167		H	DIODE		D902	8-719-951-14	AA1101W			
168		H	DIODE		D903	8-719-951-14	AA1101W			
169		H	DIODE		D905	8-719-988-61	1SS355TE-17			
170		H	DIODE		D906	8-719-422-89	MA8082-H-TX			
171		H	DIODE		D907	8-719-422-89	MA8082-H-TX			
172		H	DIODE		D908	8-719-422-89	MA8082-H-TX			
173		H	DIODE		D909	8-719-422-89	MA8082-H-TX			
174		H	DIODE		D910	8-719-422-89	MA8082-H-TX			
175		H	DIODE		D911	8-719-422-89	MA8082-H-TX			
176		H	DIODE		D912	8-719-422-89	MA8082-H-TX			
177		H	DIODE		D913	8-719-422-89	MA8082-H-TX			
178		H	DIODE		D914	8-719-422-89	MA8082-H-TX			
179		H	DIODE		D915	8-719-422-89	MA8082-H-TX			
180		H	DIODE		D916	8-719-422-89	MA8082-H-TX			
181		H	DIODE		D930	8-719-079-68	DNP319-1			
182		H	DIODE		D931	8-719-079-68	DNP319-1			
183		H	IC		IC901	8-759-189-86	IS455J			
184		H	IC		IC902	8-759-100-95	UPC324G2			
185		H	TRANSISTOR		Q903	8-729-051-44	PN109F			
186		H	TRANSISTOR		Q904	8-729-026-49	2SA1037AK-T146-R			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
187		H	TRANSISTOR		Q930	8-729-027-56	DTC143TKA-T146			
188		H	TRANSISTOR		Q931	8-729-027-56	DTC143TKA-T146			
189		H	RESISTOR		R902	1-216-819-11	RES-CHIP 680 5% 1/10W			
190		H	RESISTOR		R903	1-218-701-11	RES-CHIP 2.4K 5% 1/10W			
191		H	RESISTOR		R904	1-216-819-11	RES-CHIP 680 5% 1/10W			
192		H	RESISTOR		R905	1-216-819-11	RES-CHIP 680 5% 1/10W			
193		H	RESISTOR		R906	1-216-827-11	RES-CHIP 3.3K 5% 1/10W			
194		H	RESISTOR		R907	1-216-820-11	RES-CHIP 820 5% 1/10W			
195		H	RESISTOR		R908	1-216-823-11	RES-CHIP 1.5K 5% 1/10W			
196		H	RESISTOR		R909	1-216-826-11	RES-CHIP 2.7K 5% 1/10W			
197		H	RESISTOR		R910	1-216-832-11	RES-CHIP 8.2K 5% 1/10W			
198		H	RESISTOR		R911	1-216-854-11	RES-CHIP 560K 5% 1/10W			
199		H	RESISTOR		R925	1-202-931-11	RES-CHIP 910K 5% 1/10W			
200		H	RESISTOR		R930	1-220-257-91	RES-CHIP 82 5% 1/4W			
201		H	RESISTOR		R931	1-220-257-91	RES-CHIP 82 5% 1/4W			
202		H	RESISTOR		R932	1-220-257-91	RES-CHIP 82 5% 1/4W			
203		H	RESISTOR		R933	1-220-257-91	RES-CHIP 82 5% 1/4W			
204		H	RESISTOR		R934	1-216-821-11	RES-CHIP 1K 5% 1/10W			
205		H	RESISTOR		R935	1-216-837-11	RES-CHIP 22K 5% 1/10W			
206		H	RESISTOR		R938	1-218-917-11	RES-CHIP 820K 5% 1/10W			
207		H	RESISTOR		R939	1-216-835-11	RES-CHIP 15K 5% 1/10W			
208		H	RESISTOR		R940	1-216-841-11	RES-CHIP 47K 5% 1/10W			
209		H	RESISTOR		R941	1-216-839-11	RES-CHIP 33K 5% 1/10W			
210		H	SWITCH		S901	1-771-855-21	"SWITCH, KEYBOARD"			
211		H	SWITCH		S902	1-771-855-21	"SWITCH, KEYBOARD"			
212		H	SWITCH		S903	1-771-855-21	"SWITCH, KEYBOARD"			
213		H	SWITCH		S904	1-771-855-21	"SWITCH, KEYBOARD"			
214		H	SWITCH		S905	1-771-855-21	"SWITCH, KEYBOARD"			
215		H	SWITCH		S906	1-771-855-21	"SWITCH, KEYBOARD"			
216		H	SWITCH		S907	1-771-855-21	"SWITCH, KEYBOARD"			
217		U	CAPACITOR		C403	1-117-681-11	ELECT CHIP 100UF 20.00% 16V			



No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
218		U	CAPACITOR		C404	1-117-681-11	ELECT CHIP 100UF 20.00% 16V			
219		U	CAPACITOR		C406	1-164-230-11	CERAMIC CHIP 220PF 5.00% 50V			
220		U	CAPACITOR		C407	1-164-230-11	CERAMIC CHIP 220PF 5.00% 50V			
221		U	CAPACITOR		C408	1-164-230-11	CERAMIC CHIP 220PF 5.00% 50V			
222		U	CAPACITOR		C409	1-117-681-11	ELECT CHIP 100UF 20.00% 16V			
223		U	CAPACITOR		C410	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
224		U	CAPACITOR		C411	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
225		U	CAPACITOR		C412	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
226		U	CAPACITOR		C413	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
227		U	CAPACITOR		C414	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
228		U	CAPACITOR		C415	1-126-193-11	ELECT CHIP 1UF 20.00% 50V			
229		U	CAPACITOR		C416	1-126-193-11	ELECT CHIP 1UF 20.00% 50V			
230		U	CAPACITOR		C417	1-126-187-11	ELECT CHIP 0.1UF 20.00% 50V			
231		U	CAPACITOR		C418	1-162-969-11	CERAMIC CHIP 0.0068UF 10.00% 25V			
232		U	CAPACITOR		C419	1-164-230-11	CERAMIC CHIP 220PF 5.00% 50V			
233		U	CAPACITOR		C420	1-164-230-11	CERAMIC CHIP 220PF 5.00% 50V			
234		U	CAPACITOR		C421	1-115-156-11	CERAMIC CHIP 1UF 10V			
235		U	CAPACITOR		C422	1-126-193-11	ELECT CHIP 1UF 20.00% 50V			
236		U	CAPACITOR		C423	1-126-193-11	ELECT CHIP 1UF 20.00% 50V			
237		U	CAPACITOR		C424	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
238		U	CAPACITOR		C425	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
239		U	CAPACITOR		C426	1-124-779-00	ELECT CHIP 10UF 20.00% 16V			
240		U	CAPACITOR		C427	1-162-969-11	CERAMIC CHIP 0.0068UF 10.00% 25V			
241		U	CAPACITOR		C428	1-164-230-11	CERAMIC CHIP 220PF 5.00% 50V			
242		U	CAPACITOR		C429	1-164-230-11	CERAMIC CHIP 220PF 5.00% 50V			
243		U	CAPACITOR		C430	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
244		U	CAPACITOR		C431	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
245		U	CAPACITOR		C432	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
246		U	CAPACITOR		C433	1-126-395-11	ELECT CHIP 22UF 20.00% 16V			
247		U	CAPACITOR		C434	1-126-204-11	ELECT CHIP 47UF 20.00% 16V			
248		U	CAPACITOR		C435	1-164-315-11	CERAMIC CHIP 470PF 5.00% 50V			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
249		U	CAPACITOR		C436	1-164-676-11	CERAMIC CHIP 2200PF 5.00% 16V			
250		U	CAPACITOR		C437	1-164-676-11	CERAMIC CHIP 2200PF 5.00% 16V			
251		U	CAPACITOR		C438	1-104-700-11	CERAMIC CHIP 0.027UF 10.00% 16V			
252		U	CAPACITOR		C439	1-110-563-11	CERAMIC CHIP 0.068UF 10.00% 16V			
253		U	CAPACITOR		C441	1-162-919-11	CERAMIC CHIP 22PF 5.00% 50V			
254		U	CAPACITOR		C442	1-162-919-11	CERAMIC CHIP 22PF 5.00% 50V			
255		U	CAPACITOR		C443	1-104-700-11	CERAMIC CHIP 0.027UF 10.00% 16V			
256		U	CAPACITOR		C444	1-115-566-11	CERAMIC CHIP 4.7UF 10.00% 10V			
257		U	CAPACITOR		C445	1-110-563-11	CERAMIC CHIP 0.068UF 10.00% 16V			
258		U	CAPACITOR		C446	1-115-566-11	CERAMIC CHIP 4.7UF 10.00% 10V			
259		U	CAPACITOR		C448	1-1266-01-11	ELECT CHIP 2.2UF 20.00% 50V			
260		U	CAPACITOR		C449	1-1266-01-11	ELECT CHIP 2.2UF 20.00% 50V			
261		U	CAPACITOR		C450	1-110-501-11	CERAMIC CHIP 0.33UF 10.00% 16V			
262		U	CAPACITOR		C451	1-126-395-11	ELECT CHIP 22UF 20.00% 16V			
263		U	CAPACITOR		C452	1-128-835-91	ELECT 1000UF 20% 10V			
264		U	CAPACITOR		C453	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
265		U	CAPACITOR		C454	1-110-501-11	CERAMIC CHIP 0.33UF 10.00% 16V			
266		U	CAPACITOR		C455	1-126-395-11	ELECT CHIP 22UF 20.00% 16V			
267		U	CAPACITOR		C456	1-117-681-11	ELECT CHIP 100UF 20.00% 16V			
268		U	CAPACITOR		C457	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
269		U	CAPACITOR		C458	1-110-501-11	CERAMIC CHIP 0.33UF 10.00% 16V			
270		U	CAPACITOR		C459	1-110-501-11	CERAMIC CHIP 0.33UF 10.00% 16V			
271		U	CAPACITOR		C460	1-135-595-11	ELECT 100UF 20% 6.3V			
272		U	CAPACITOR		C461	1-126-395-11	ELECT CHIP 22UF 20.00% 16V			
273		U	CAPACITOR		C462	1-124-779-00	ELECT CHIP 10UF 20.00% 16V			
274		U	CAPACITOR		C463	1-117-749-11	FILM CHIP 0.1UF 20.00% 50V			
275		U	CAPACITOR		C464	1-117-749-11	FILM CHIP 0.1UF 20.00% 50V			
276		U	CAPACITOR		C465	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
277		U	CAPACITOR		C466	1-117-749-11	FILM CHIP 0.1UF 20.00% 50V			
278		U	CAPACITOR		C467	1-117-749-11	FILM CHIP 0.1UF 20.00% 50V			
279		U	CAPACITOR		C468	1-117-749-11	FILM CHIP 0.1UF 20.00% 50V			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
280		U	CAPACITOR		C469	1-117-749-11	FILM CHIP 0.1UF 20.00% 50V			
281		U	CAPACITOR		C470	1-128-835-91	ELECT 1000UF 20% 10V			
282		U	CAPACITOR		C471	1-128-995-21	ELECT CHIP 100UF 20% 10V			
283		U	CAPACITOR		C472	1-128-835-91	ELECT 1000UF 20% 10V			
284		U	CAPACITOR		C473	1-128-835-91	ELECT 1000UF 20% 10V			
285		U	CAPACITOR		C474	1-162-905-11	CERAMIC CHIP 1PF 0.25PF 50V			
286		U	CAPACITOR		C475	1-162-905-11	CERAMIC CHIP 1PF 0.25PF 50V			
287		U	CAPACITOR		C478	1-117-681-11	ELECT CHIP 100UF 20.00% 16V			
288		U	CAPACITOR		C479	1-124-779-00	ELECT CHIP 10UF 20.00% 16V			
289		U	CAPACITOR		C480	1-126-204-11	ELECT CHIP 47UF 20.00% 16V			
290		U	CAPACITOR		C481	1-115-416-11	CERAMIC CHIP 0.001UF 5.00% 25V			
291		U	CAPACITOR		C482	1-110-501-11	CERAMIC CHIP 0.33UF 10.00% 16V			
292		U	CAPACITOR		C483	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
293		U	CAPACITOR		C484	1-135-599-11	ELECT CHIP 39UF 20% 16V			
294		U	CAPACITOR		C486	1-135-595-11	ELECT 100UF 20% 6.3V			
295		U	CAPACITOR		C487	1-128-995-21	ELECT CHIP 100UF 20% 10V			
296		U	CONNECTOR		CN401	1-794-071-21	"CONNECTOR, INTERFACE 26P"			
297		U	CONNECTOR		CN402	1-793-911-21	"PIN, CONNECTOR (WITH PWB) 30P"			
298		U	CONNECTOR		CN403	1-695-514-21	JACK (SMALL TYPE) 1P			
299		U	CONNECTOR	*	CN404	1-580-057-11	"PIN, CONNECTOR (SMD) 4P"			
300		U	CONNECTOR	*	CN405	1-580-057-11	"PIN, CONNECTOR (SMD) 4P"			
301		U	CONNECTOR		CN406	1-793-913-21	"PIN, CONNECTOR (WITH PWB) 3P"			
302		U	DIODE		D403	8-719-404-50	MA111-TX			
303		U	DIODE		D404	8-719-404-50	MA111-TX			
304		U	DIODE		D405	8-719-054-47	D3FS4A-TA			
305		U	DIODE		D406	8-719-404-50	MA111-TX			
306		U	DIODE		D413	8-719-404-50	MA111-TX			
307		U	DIODE		D414	8-719-404-50	MA111-TX			
308		U	DIODE		D415	8-719-404-50	MA111-TX			
309		U	DIODE		D416	8-719-404-50	MA111-TX			
310		U	DIODE		D417	8-719-404-50	MA111-TX			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
311		U	DIODE		D418	8-719-404-50	MA111-TX			
312		U	DIODE		D419	8-719-404-50	MA111-TX			
313		U	DIODE		D420	8-719-404-50	MA111-TX			
314		U	DIODE		D421	8-719-404-50	MA111-TX			
315		U	DIODE		D422	8-719-404-50	MA111-TX			
316		U	DIODE		D430	8-719-073-69	PTZ-TE25-6.2A			
317		U	DIODE		D431	8-719-421-59	MA3130WA-TX			
318		U	FERRITE BEAD		FB409	1-414-445-11	FERRITE 0UH			
319		U	FERRITE BEAD		FB410	1-414-445-11	FERRITE 0UH			
320		U	FERRITE BEAD		FB411	1-469-324-21	FERRITE 0UH			
321		U	FERRITE BEAD		FB412	1-469-324-21	FERRITE 0UH			
322		U	FERRITE BEAD		FB413	1-469-118-21	FERRITE 0UH			
323		U	FERRITE BEAD		FB414	1-414-760-21	FERRITE 0UH			
324		U	FERRITE BEAD		FB415	1-414-760-21	FERRITE 0UH			
325		U	FERRITE BEAD		FL401	1-469-461-21	FERRITE 0UH			
326		U	FERRITE BEAD		FL402	1-469-461-21	FERRITE 0UH			
327		U	FERRITE BEAD		FL403	1-469-461-21	FERRITE 0UH			
328		U	FILTER		FL404	1-234-498-21	"FILTER, EMI"			
329		U	IC		IC401	8-759-650-06	YSS901-F			
330		U	IC		IC402	8-759-596-49	LM4863MTEX			
331		U	IC		IC403	8-759-273-12	TDA7315D013TR			
332		U	IC		IC404	8-759-259-77	PQ20VZ5U			
333		U	IC		IC408	8-759-924-46	BA4560F			
334		U	IC		IC409	8-759-485-63	MAX1626ESA-TE2			
335		U	IC		IC410	8-729-045-53	SI4431DY-T1			
336		U	IC		IC411	8-759-100-93	UPC393G2			
337		U	IC		IC412	8-759-533-85	L88M05T-FA-TL			
338		U	COIL		L404	1-412-526-11	INDUCTOR 12UH			
339		U	COIL		L405	1-412-530-31	INDUCTOR 27UH			
340		U	TRANSISTOR		Q401	8-729-900-53	DTC114EK			
341		U	TRANSISTOR		Q404	8-729-900-53	DTC114EK			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
342		U	TRANSISTOR		Q405	8-729-900-53	DTC114EK			
343		U	TRANSISTOR		Q406	8-729-015-39	DTC323TK			
344		U	TRANSISTOR		Q407	8-729-015-39	DTC323TK			
345		U	TRANSISTOR		Q408	8-729-025-28	2SK1828			
346		U	TRANSISTOR		Q409	8-729-025-28	2SK1828			
347		U	TRANSISTOR		Q410	8-729-027-29	DTA123JKA-T146			
348		U	TRANSISTOR		Q411	8-729-027-29	DTA123JKA-T146			
349		U	RESISTOR		R404	1-216-845-11	RES-CHIP 100K 5% 1/10W			
350		U	RESISTOR		R405	1-216-845-11	RES-CHIP 100K 5% 1/10W			
351		U	RESISTOR		R406	1-216-833-11	RES-CHIP 10K 5% 1/10W			
352		U	RESISTOR		R407	1-240-091-21	RES-CHIP 47K 5% 1/10W			
353		U	RESISTOR		R408	1-240-091-21	RES-CHIP 47K 5% 1/10W			
354		U	RESISTOR		R409	1-216-849-11	RES-CHIP 220K 5% 1/10W			
355		U	RESISTOR		R410	1-218-776-11	RES-CHIP 1M 5% 1/10W			
356		U	RESISTOR		R411	1-216-675-11	RES-CHIP 10K 5% 1/10W			
357		U	RESISTOR		R412	1-216-639-11	RES-CHIP 330 5% 1/10W			
358		U	RESISTOR		R413	1-216-663-11	RES-CHIP 3.3K 5% 1/10W			
359		U	RESISTOR		R414	1-216-659-11	RES-CHIP 2.2K 5% 1/10W			
360		U	RESISTOR		R415	1-216-659-11	RES-CHIP 2.2K 5% 1/10W			
361		U	RESISTOR		R416	1-216-683-11	RES-CHIP 22K 5% 1/10W			
362		U	RESISTOR		R417	1-216-841-11	RES-CHIP 47K 5% 1/10W			
363		U	RESISTOR		R418	1-240-068-21	RES-CHIP 560 5% 1/10W			
364		U	RESISTOR		R419	1-216-683-11	RES-CHIP 22K 5% 1/10W			
365		U	RESISTOR		R420	1-216-675-11	RES-CHIP 10K 5% 1/10W			
366		U	RESISTOR		R421	1-216-833-11	RES-CHIP 10K 5% 1/10W			
367		U	RESISTOR		R422	1-216-833-11	RES-CHIP 10K 5% 1/10W			
368		U	RESISTOR		R423	1-216-639-11	RES-CHIP 330 5% 1/10W			
369		U	RESISTOR		R424	1-216-663-11	RES-CHIP 3.3K 5% 1/10W			
370		U	RESISTOR		R425	1-216-833-11	RES-CHIP 10K 5% 1/10W			
371		U	RESISTOR		R426	1-218-776-11	RES-CHIP 1M 5% 1/10W			
372		U	RESISTOR		R427	1-240-068-21	RES-CHIP 560 5% 1/10W			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
373		U	RESISTOR		R428	1-216-833-11	RES-CHIP 10K 5% 1/10W			
374		U	RESISTOR		R429	1-216-071-00	RES-CHIP 8.2K 5% 1/10W			
375		U	RESISTOR		R430	1-216-857-11	RES-CHIP 1M 5% 1/10W			
376		U	RESISTOR		R432	1-216-819-11	RES-CHIP 680 5% 1/10W			
377		U	RESISTOR		R433	1-216-071-00	RES-CHIP 8.2K 5% 1/10W			
378		U	RESISTOR		R434	1-240-079-21	RES-CHIP 4.7K 5% 1/10W			
379		U	RESISTOR		R435	1-240-079-21	RES-CHIP 4.7K 5% 1/10W			
380		U	RESISTOR		R436	1-216-833-11	RES-CHIP 10K 5% 1/10W			
381		U	RESISTOR		R438	1-216-821-11	RES-CHIP 1K 5% 1/10W			
382		U	RESISTOR		R439	1-218-711-11	METAL CHIP 6.2K 0.5% 1/16W			
383		U	RESISTOR		R440	1-216-797-11	RES-CHIP 10 5% 1/10W			
384		U	RESISTOR		R441	1-216-841-11	RES-CHIP 47K 5% 1/10W			
385		U	RESISTOR		R442	1-216-841-11	RES-CHIP 47K 5% 1/10W			
386		U	RESISTOR		R443	1-216-841-11	RES-CHIP 47K 5% 1/10W			
387		U	RESISTOR		R444	1-216-841-11	RES-CHIP 47K 5% 1/10W			
388		U	RESISTOR		R445	1-216-295-91	SHORT 0			
389		U	RESISTOR		R448	1-216-295-91	SHORT 0			
390		U	RESISTOR		R449	1-216-295-91	SHORT 0			
391		U	RESISTOR		R450	1-216-849-11	RES-CHIP 220K 5% 1/10W			
392		U	RESISTOR		R451	1-216-821-11	RES-CHIP 1K 5% 1/10W			
393		U	RESISTOR		R452	1-216-864-11	SHORT 0			
394		U	RESISTOR		R453	1-216-864-11	SHORT 0			
395		U	RESISTOR		R454	1-216-864-11	SHORT 0			
396		U	RESISTOR		R455	1-216-849-11	RES-CHIP 220K 5% 1/10W			
397		U	RESISTOR		R456	1-216-295-91	SHORT 0			
398		U	RESISTOR		R457	1-216-295-91	SHORT 0			
399		U	RESISTOR		R460	1-240-081-21	RES-CHIP 6.8K 5% 1/10W			
400		U	RESISTOR		R461	1-240-081-21	RES-CHIP 6.8K 5% 1/10W			
401		U	RESISTOR		R462	1-240-091-21	RES-CHIP 47K 5% 1/10W			
402		U	RESISTOR		R463	1-240-091-21	RES-CHIP 47K 5% 1/10W			
403		U	RESISTOR		R464	1-240-099-21	RES-CHIP 220K 5% 1/10W			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
404		U	RESISTOR		R465	1-240-099-21	RES-CHIP 220K 5% 1/10W			
405		U	RESISTOR		R466	1-216-833-11	RES-CHIP 10K 5% 1/10W			
406		U	RESISTOR		R467	1-216-833-11	RES-CHIP 10K 5% 1/10W			
407		U	RESISTOR		R468	1-216-849-11	RES-CHIP 220K 5% 1/10W			
408		U	RESISTOR		R469	1-216-295-91	SHORT 0			
409		U	RESISTOR		R472	1-240-129-21	RES-CHIP 120 5% 1/8W			
410		U	RESISTOR		R473	1-240-129-21	RES-CHIP 120 5% 1/8W			
411		U	RESISTOR		R474	1-216-033-00	RES-CHIP 220 5% 1/10W			
412		U	RESISTOR		R475	1-216-033-00	RES-CHIP 220 5% 1/10W			
413		U	RESISTOR		R476	1-216-833-11	RES-CHIP 10K 5% 1/10W			
414		U	RESISTOR		R477	1-216-833-11	RES-CHIP 10K 5% 1/10W			
415		U	RESISTOR		R478	1-216-833-11	RES-CHIP 10K 5% 1/10W			
416		U	RESISTOR		R479	1-216-827-11	RES-CHIP 3.3K 5% 1/10W			
417		U	RESISTOR		R480	1-216-295-91	SHORT 0			
418		U	RESISTOR		R481	1-216-295-91	SHORT 0			
419		U	RESISTOR		R482	1-216-295-91	SHORT 0			
420		U	RESISTOR		R483	1-218-751-11	RES-CHIP 300K 5% 1/10W			
421		U	RESISTOR		R484	1-216-833-11	RES-CHIP 10K 5% 1/10W			
422		U	RESISTOR		R485	1-216-833-11	RES-CHIP 10K 5% 1/10W			
423		U	RESISTOR		R486	1-216-833-11	RES-CHIP 10K 5% 1/10W			
424		U	RESISTOR		R487	1-216-295-91	SHORT 0			
425		U	RESISTOR		R488	1-216-849-11	RES-CHIP 220K 5% 1/10W			
426		U	RESISTOR		R489	1-240-941-91	METAL CHIP 0.05 1% 1/2W			
427		U	RESISTOR		R490	1-216-833-11	RES-CHIP 10K 5% 1/10W			
428		U	RESISTOR		R491	1-216-840-11	RES-CHIP 39K 5% 1/10W			
429		U	RESISTOR		R492	1-216-833-11	RES-CHIP 10K 5% 1/10W			
430		U	RESISTOR		R493	1-216-809-11	RES-CHIP 100 5% 1/10W			
431		U	RESISTOR		R494	1-216-809-11	RES-CHIP 100 5% 1/10W			
432		U	RESISTOR		R495	1-216-837-11	RES-CHIP 22K 5% 1/10W			
433		U	RESISTOR		R497	1-216-295-91	SHORT 0			
434		U	RESISTOR		R499	1-216-295-91	SHORT 0			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
435		U	CRYSTAL		X401	1-781-713-21	"VIBRATOR, CERAMIC"			
436		A	CAPACITOR		C101	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
437		A	CAPACITOR		C102	1-162-919-11	CERAMIC CHIP 22PF 5.00% 50V			
438		A	CAPACITOR		C103	1-162-919-11	CERAMIC CHIP 22PF 5.00% 50V			
439		A	CAPACITOR		C104	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
440		A	CAPACITOR		C105	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
441		A	CAPACITOR		C106	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
442		A	CAPACITOR		C107	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
443		A	CAPACITOR		C108	1-162-970-11	CERAMIC CHIP 0.01UF 10.00% 25V			
444		A	CAPACITOR		C109	1-162-970-11	CERAMIC CHIP 0.01UF 10.00% 25V			
445		A	CAPACITOR		C110	1-104-606-11	ELECT CHIP 150UF 20.00% 10V			
446		A	CAPACITOR		C111	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
447		A	CAPACITOR		C112	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
448		A	CAPACITOR		C113	1-104-606-11	ELECT CHIP 150UF 20.00% 10V			
449		A	CAPACITOR		C114	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
450		A	CAPACITOR		C123	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
451		A	CAPACITOR		C124	1-162-970-11	CERAMIC CHIP 0.01UF 10.00% 25V			
452		A	CAPACITOR		C125	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
453		A	CAPACITOR		C127	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
454		A	CAPACITOR		C128	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
455		A	CAPACITOR		C129	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
456		A	CAPACITOR		C130	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
457		A	CAPACITOR		C131	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
458		A	CAPACITOR		C132	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
459		A	CAPACITOR		C133	1-104-606-11	ELECT CHIP 150UF 20.00% 10V			
460		A	CAPACITOR		C134	1-162-970-11	CERAMIC CHIP 0.01UF 10.00% 25V			
461		A	CAPACITOR		C201	1-113-642-11	TANTAL. CHIP 47UF 20.00% 10V			
462		A	CAPACITOR		C203	1-162-970-11	CERAMIC CHIP 0.01UF 10.00% 25V			
463		A	CAPACITOR		C204	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
464		A	CAPACITOR		C205	1-128-993-21	ELECT CHIP 22UF 20% 10V			
465		A	CAPACITOR		C206	1-164-156-11	CERAMIC CHIP 0.1UF 25V			



No.	#	Board	Type	△/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
466		A	CAPACITOR		C207	1-113-642-11	TANTAL. CHIP 47UF 20.00% 10V			
467		A	CAPACITOR		C208	1-104-606-11	ELECT CHIP 150UF 20.00% 10V			
468		A	CAPACITOR		C209	1-162-970-11	CERAMIC CHIP 0.01UF 10.00% 25V			
469		A	CAPACITOR		C210	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
470		A	CAPACITOR		C211	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
471		A	CAPACITOR		C212	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
472		A	CAPACITOR		C213	1-113-642-11	TANTAL. CHIP 47UF 20.00% 10V			
473		A	CAPACITOR		C214	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
474		A	CAPACITOR		C215	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
475		A	CAPACITOR		C216	1-162-970-11	CERAMIC CHIP 0.01UF 10.00% 25V			
476		A	CAPACITOR		C217	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
477		A	CAPACITOR		C218	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
478		A	CAPACITOR		C219	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
479		A	CAPACITOR		C220	1-113-642-11	TANTAL. CHIP 47UF 20.00% 10V			
480		A	CAPACITOR		C221	1-162-970-11	CERAMIC CHIP 0.01UF 10.00% 25V			
481		A	CAPACITOR		C222	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
482		A	CAPACITOR		C223	1-113-642-11	TANTAL. CHIP 47UF 20.00% 10V			
483		A	CAPACITOR		C224	1-162-970-11	CERAMIC CHIP 0.01UF 10.00% 25V			
484		A	CAPACITOR		C225	1-113-642-11	TANTAL. CHIP 47UF 20.00% 10V			
485		A	CAPACITOR		C226	1-162-970-11	CERAMIC CHIP 0.01UF 10.00% 25V			
486		A	CAPACITOR		C230	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
487		A	CAPACITOR		C231	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
488		A	CAPACITOR		C233	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
489		A	CAPACITOR		C234	1-115-566-11	CERAMIC CHIP 4.7UF 10.00% 10V			
490		A	CAPACITOR		C235	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
491		A	CAPACITOR		C236	1-164-346-11	CERAMIC CHIP 1UF 16V			
492		A	CAPACITOR		C237	1-125-891-11	CERAMIC CHIP 0.47UF 10.00% 10V			
493		A	CAPACITOR		C238	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
494		A	CAPACITOR		C239	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
495		A	CAPACITOR		C240	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
496		A	CAPACITOR		C241	1-164-156-11	CERAMIC CHIP 0.1UF 25V			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
497		A	CAPACITOR		C242	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
498		A	CAPACITOR		C243	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
499		A	CAPACITOR		C244	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
500		A	CAPACITOR		C245	1-128-993-21	ELECT CHIP 22UF 20% 10V			
501		A	CAPACITOR		C246	1-164-346-11	CERAMIC CHIP 1UF 16V			
502		A	CAPACITOR		C247	1-125-891-11	CERAMIC CHIP 0.47UF 10.00% 10V			
503		A	CAPACITOR		C248	1-164-346-11	CERAMIC CHIP 1UF 16V			
504		A	CAPACITOR		C249	1-125-891-11	CERAMIC CHIP 0.47UF 10.00% 10V			
505		A	CAPACITOR		C250	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
506		A	CAPACITOR		C251	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
507		A	CAPACITOR		C252	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
508		A	CAPACITOR		C254	1-110-563-11	CERAMIC CHIP 0.068UF 10.00% 16V			
509		A	CAPACITOR		C259	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
510		A	CAPACITOR		C260	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
511		A	CAPACITOR		C268	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
512		A	CAPACITOR		C276	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
513		A	CAPACITOR		C278	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
514		A	CAPACITOR		C279	1-110-563-11	CERAMIC CHIP 0.068UF 10.00% 16V			
515		A	CAPACITOR		C280	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
516		A	CAPACITOR		C281	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
517		A	CAPACITOR		C282	1-110-563-11	CERAMIC CHIP 0.068UF 10.00% 16V			
518		A	CAPACITOR		C283	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
519		A	CAPACITOR		C284	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
520		A	CAPACITOR		C285	1-164-357-11	CERAMIC CHIP 0.001UF 5.00% 50V			
521		A	CAPACITOR		C287	1-128-993-21	ELECT CHIP 22UF 20% 10V			
522		A	CAPACITOR		C288	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
523		A	CAPACITOR		C289	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
524		A	CAPACITOR		C290	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
525		A	CAPACITOR		C291	1-162-970-11	CERAMIC CHIP 0.01UF 10.00% 25V			
526		A	CAPACITOR		C292	1-115-467-11	CERAMIC CHIP 0.22UF 10.00% 10V			
527		A	CAPACITOR		C293	1-164-156-11	CERAMIC CHIP 0.1UF 25V			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
528		A	CAPACITOR		C294	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
529		A	CAPACITOR		C295	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
530		A	CAPACITOR		C296	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
531		A	CAPACITOR		C297	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
532		A	CAPACITOR		C298	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
533		A	CAPACITOR		C299	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
534		A	CAPACITOR		C301	1-128-993-21	ELECT CHIP 22UF 20% 10V			
535		A	CAPACITOR		C302	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
536		A	CAPACITOR		C303	1-162-970-11	CERAMIC CHIP 0.01UF 10.00% 25V			
537		A	CAPACITOR		C304	1-128-993-21	ELECT CHIP 22UF 20% 10V			
538		A	CAPACITOR		C305	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
539		A	CAPACITOR		C306	1-128-993-21	ELECT CHIP 22UF 20% 10V			
540		A	CAPACITOR		C307	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
541		A	CAPACITOR		C308	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
542		A	CAPACITOR		C309	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
543		A	CAPACITOR		C310	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
544		A	CAPACITOR		C311	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
545		A	CAPACITOR		C312	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
546		A	CAPACITOR		C313	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
547		A	CAPACITOR		C314	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
548		A	CAPACITOR		C315	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
549		A	CAPACITOR		C316	1-128-993-21	ELECT CHIP 22UF 20% 10V			
550		A	CAPACITOR		C317	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
551		A	CAPACITOR		C318	1-128-993-21	ELECT CHIP 22UF 20% 10V			
552		A	CAPACITOR		C319	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
553		A	CAPACITOR		C320	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
554		A	CAPACITOR		C321	1-162-970-11	CERAMIC CHIP 0.01UF 10.00% 25V			
555		A	CAPACITOR		C322	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
556		A	CAPACITOR		C327	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
557		A	CAPACITOR		C328	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
558		A	CAPACITOR		C329	1-164-156-11	CERAMIC CHIP 0.1UF 25V			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
559		A	CAPACITOR		C330	1-164-357-11	CERAMIC CHIP 0.001UF 5.00% 50V			
560		A	CAPACITOR		C331	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
561		A	CAPACITOR		C332	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
562		A	CAPACITOR		C333	1-162-970-11	CERAMIC CHIP 0.01UF 10.00% 25V			
563		A	CAPACITOR		C334	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
564		A	CAPACITOR		C335	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
565		A	CAPACITOR		C336	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
566		A	CAPACITOR		C337	1-164-357-11	CERAMIC CHIP 0.001UF 5.00% 50V			
567		A	CAPACITOR		C338	1-128-993-21	ELECT CHIP 22UF 20% 10V			
568		A	CAPACITOR		C339	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
569		A	CAPACITOR		C340	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
570		A	CAPACITOR		C341	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
571		A	CAPACITOR		C342	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
572		A	CAPACITOR		C343	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
573		A	CAPACITOR		C344	1-162-970-11	CERAMIC CHIP 0.01UF 10.00% 25V			
574		A	CAPACITOR		C345	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
575		A	CAPACITOR		C346	1-164-357-11	CERAMIC CHIP 0.001UF 5.00% 50V			
576		A	CAPACITOR		C347	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
577		A	CAPACITOR		C348	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
578		A	CAPACITOR		C349	1-128-993-21	ELECT CHIP 22UF 20% 10V			
579		A	CAPACITOR		C350	1-164-357-11	CERAMIC CHIP 0.001UF 5.00% 50V			
580		A	CAPACITOR		C351	1-128-993-21	ELECT CHIP 22UF 20% 10V			
581		A	CAPACITOR		C352	1-128-993-21	ELECT CHIP 22UF 20% 10V			
582		A	CAPACITOR		C353	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
583		A	CAPACITOR		C354	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
584		A	CAPACITOR		C355	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
585		A	CAPACITOR		C356	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
586		A	CAPACITOR		C357	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
587		A	CAPACITOR		C358	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
588		A	CAPACITOR		C359	1-128-993-21	ELECT CHIP 22UF 20% 10V			
589		A	CAPACITOR		C360	1-115-412-11	CERAMIC CHIP 680PF 5.00% 25V			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
590		A	CAPACITOR		C361	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
591		A	CAPACITOR		C362	1-162-970-11	CERAMIC CHIP 0.01UF 10.00% 25V			
592		A	CAPACITOR		C364	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
593		A	CAPACITOR		C365	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
594		A	CAPACITOR		C366	1-126-200-11	ELECT CHIP 10UF 20.00% 35V			
595		A	CAPACITOR		C367	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
596		A	CAPACITOR		C368	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
597		A	CAPACITOR		C369	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
598		A	CAPACITOR		C370	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
599		A	CAPACITOR		C371	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
600		A	CAPACITOR		C372	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
601		A	CAPACITOR		C373	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
602		A	CAPACITOR		C374	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
603		A	CAPACITOR		C375	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
604		A	CAPACITOR		C376	1-216-864-11	SHORT 0			
605		A	CAPACITOR		C377	1-216-864-11	SHORT 0			
606		A	CAPACITOR		C380	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
607		A	CAPACITOR		C381	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
608		A	CAPACITOR		C382	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
609		A	CONNECTOR		C383	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
610		A	CONNECTOR		CN101	1-794-071-21	"CONNECTOR, INTERFACE 26P"			
611		A	CONNECTOR		CN102	1-793-183-11	"CONNECTOR, D SUB 15P"			
612		A	CONNECTOR		CN103	1-793-183-11	"CONNECTOR, D SUB 15P"			
613		A	CONNECTOR	*	CN104	1-766-376-11	"PIN, CONNECTOR (1.5MM)(SMD) 9P"			
614		A	CONNECTOR	*	CN105	1-691-591-11	"PIN, CONNECTOR (1.5MM) (SMD)8P"			
615		A	CONNECTOR		CN106	1-573-290-21	"PIN, CONNECTOR (1.5MM) (SMD)4P"			
616		A	CONNECTOR	*	CN107	1-580-789-21	"PIN, CONNECTOR (SMD) 6P"			
617		A	DIODE		D001	8-719-801-78	1SS184			
618		A	DIODE		D002	8-719-801-78	1SS184			
619		A	DIODE		D003	8-719-801-78	1SS184			
620		A	DIODE		D004	8-719-801-78	1SS184			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
621		A	DIODE		D101	8-719-991-97	BRPG1201W			
622		A	DIODE		D102	8-719-801-78	1SS184			
623		A	DIODE		D105	8-719-801-78	1SS184			
624		A	DIODE		D106	8-719-071-62	HZU3.3B2TRF			
625		A	DIODE		D207	8-719-988-61	1SS355TE-17			
626		A	DIODE		D208	8-719-421-59	MA3130WA-TX			
627		A	DIODE		D209	8-719-421-59	MA3130WA-TX			
628		A	DIODE		D210	8-719-421-59	MA3130WA-TX			
629		A	DIODE		D211	8-719-421-59	MA3130WA-TX			
630		A	DIODE		D212	8-719-421-59	MA3130WA-TX			
631		A	DIODE		D213	8-719-421-59	MA3130WA-TX			
632		A	DIODE		D214	8-719-422-89	MA8082-H-TX			
633		A	DIODE		D215	8-719-422-89	MA8082-H-TX			
634		A	DIODE		D216	8-719-422-89	MA8082-H-TX			
635		A	DIODE		D217	8-719-422-89	MA8082-H-TX			
636		A	DIODE		D218	8-719-422-89	MA8082-H-TX			
637		A	DIODE		D219	8-719-422-89	MA8082-H-TX			
638		A	DIODE		D220	8-719-422-89	MA8082-H-TX			
639		A	DIODE		D221	8-719-422-89	MA8082-H-TX			
640		A	DIODE		D222	8-719-422-89	MA8082-H-TX			
641		A	DIODE		D223	8-719-422-89	MA8082-H-TX			
642		A	DIODE		D224	8-719-422-89	MA8082-H-TX			
643		A	DIODE		D225	8-719-422-89	MA8082-H-TX			
644		A	DIODE		D306	8-719-988-61	1SS355TE-17			
645		A	TERMINAL		ET001	1-694-592-31	TERMINAL			
646		A	TERMINAL		ET002	1-694-592-31	TERMINAL			
647		A	TERMINAL		ET007	1-694-592-31	TERMINAL			
648		A	FERRITE BEAD		FB101	1-414-445-11	FERRITE 0UH			
649		A	FERRITE BEAD		FB102	1-414-445-11	FERRITE 0UH			
650		A	FERRITE BEAD		FB103	1-414-445-11	FERRITE 0UH			
651		A	FERRITE BEAD		FB104	1-414-445-11	FERRITE 0UH			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
652		A	FERRITE BEAD		FB105	1-469-324-21	FERRITE 0UH			
653		A	FERRITE BEAD		FB106	1-469-324-21	FERRITE 0UH			
654		A	FERRITE BEAD		FB107	1-469-324-21	FERRITE 0UH			
655		A	FERRITE BEAD		FB108	1-469-324-21	FERRITE 0UH			
656		A	FERRITE BEAD		FB201	1-414-445-11	FERRITE 0UH			
657		A	FERRITE BEAD		FB207	1-469-118-21	FERRITE 0UH			
658		A	FERRITE BEAD		FB208	1-469-118-21	FERRITE 0UH			
659		A	FERRITE BEAD		FB209	1-469-118-21	FERRITE 0UH			
660		A	FERRITE BEAD		FB210	1-469-118-21	FERRITE 0UH			
661		A	FERRITE BEAD		FB211	1-469-118-21	FERRITE 0UH			
662		A	FERRITE BEAD		FB212	1-469-118-21	FERRITE 0UH			
663		A	FERRITE BEAD		FB213	1-469-324-21	FERRITE 0UH			
664		A	FERRITE BEAD		FB214	1-469-647-21	FERRITE 0UH			
665		A	FERRITE BEAD		FB216	1-469-118-21	FERRITE 0UH			
666		A	FERRITE BEAD		FB217	1-469-118-21	FERRITE 0UH			
667		A	FERRITE BEAD		FB218	1-469-118-21	FERRITE 0UH			
668		A	FERRITE BEAD		FB219	1-469-118-21	FERRITE 0UH			
669		A	FERRITE BEAD		FB220	1-414-445-11	FERRITE 0UH			
670		A	FERRITE BEAD		FB221	1-414-445-11	FERRITE 0UH			
671		A	FERRITE BEAD		FB301	1-414-445-11	FERRITE 0UH			
672		A	FERRITE BEAD		FB302	1-414-445-11	FERRITE 0UH			
673		A	FERRITE BEAD		FB303	1-414-445-11	FERRITE 0UH			
674		A	FERRITE BEAD		FB308	1-414-445-11	FERRITE 0UH			
675		A	FERRITE BEAD		FB309	1-414-445-11	FERRITE 0UH			
676		A	FERRITE BEAD		FB310	1-414-445-11	FERRITE 0UH			
677		A	FERRITE BEAD		FB311	1-414-445-11	FERRITE 0UH			
678		A	FERRITE BEAD		FB316	1-469-324-21	FERRITE 0UH			
679		A	FERRITE BEAD		FB318	1-469-118-21	FERRITE 0UH			
680		A	FERRITE BEAD		FB319	1-469-118-21	FERRITE 0UH			
681		A	FERRITE BEAD		FB320	1-469-324-21	FERRITE 0UH			
682		A	FERRITE BEAD		FB321	1-414-445-11	FERRITE 0UH			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
683		A	FERRITE BEAD		FB322	1-414-445-11	FERRITE 0UH			
684		A	FERRITE BEAD		FB341	1-469-113-21	FERRITE 0UH			
685		A	FERRITE BEAD		FB342	1-469-113-21	FERRITE 0UH			
686		A	FERRITE BEAD		FB343	1-469-113-21	FERRITE 0UH			
687		A	FERRITE BEAD		FB344	1-469-113-21	FERRITE 0UH			
688		A	FERRITE BEAD		FB345	1-469-113-21	FERRITE 0UH			
689		A	FERRITE BEAD		FB346	1-469-113-21	FERRITE 0UH			
690		A	FERRITE BEAD		FB347	1-469-113-21	FERRITE 0UH			
691		A	FERRITE BEAD		FB348	1-469-113-21	FERRITE 0UH			
692		A	FERRITE BEAD		FB349	1-469-113-21	FERRITE 0UH			
693		A	FERRITE BEAD		FB350	1-469-113-21	FERRITE 0UH			
694		A	FERRITE BEAD		FB351	1-469-113-21	FERRITE 0UH			
695		A	FERRITE BEAD		FB352	1-469-113-21	FERRITE 0UH			
696		A	FERRITE BEAD		FB353	1-469-113-21	FERRITE 0UH			
697		A	FERRITE BEAD		FB354	1-469-113-21	FERRITE 0UH			
698		A	FERRITE BEAD		FB355	1-469-113-21	FERRITE 0UH			
699		A	FERRITE BEAD		FB356	1-469-113-21	FERRITE 0UH			
700		A	FERRITE BEAD		FB357	1-469-113-21	FERRITE 0UH			
701		A	FERRITE BEAD		FB358	1-469-113-21	FERRITE 0UH			
702		A	FERRITE BEAD		FB359	1-469-113-21	FERRITE 0UH			
703		A	FERRITE BEAD		FB360	1-469-113-21	FERRITE 0UH			
704		A	FERRITE BEAD		FB361	1-469-113-21	FERRITE 0UH			
705		A	FERRITE BEAD		FB362	1-469-113-21	FERRITE 0UH			
706		A	FILTER		FL301	1-234-498-21	"FILTER, EMI"			
707		A	FILTER		FL302	1-234-498-21	"FILTER, EMI"			
708		A	FERRITE BEAD		FL303	1-469-461-21	FERRITE 0UH			
709		A	IC		IC101	8-759-650-09	MB90553APF-G-188-BND			
710		A	IC		IC103	8-759-699-33	M24C16-MN6T(A)			
711		A	IC		IC105	6-701-774-01	MM1170BFBE			
712		A	IC		IC106	8-759-661-55	ST24FC21M6TR			
713		A	IC		IC107	8-759-661-55	ST24FC21M6TR			



No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
714		A	IC		IC109	8-759-058-62	TC7S08FU(TE85R)			
715		A	IC		IC203	8-759-058-64	TC7S32FU(TE85R)			
716		A	IC		IC205	8-759-541-25	M52758FP			
717		A	IC		IC206	8-759-584-88	BA7078AF-E2			
718		A	IC		IC207	8-759-524-04	TC74VHC125FT(EL			
719		A	IC		IC208	8-759-599-01	TC74VHCT14AFT(E			
720		A	IC		IC209	8-759-491-46	TC74VHCT04AFT(E			
721		A	IC		IC210	8-759-523-96	IC TC74VHC86FT(EL)			
722		A	IC		IC211	8-759-524-04	TC74VHC125FT(EL			
723		A	IC		IC212	8-759-669-50	SN74CBTD3306PWR			
724		A	IC		IC214	8-759-670-41	AD9884AKS-100			
725		A	IC		IC215	8-759-524-04	TC74VHC125FT(EL			
726		A	IC		IC216	8-759-460-72	BA033FP-E2			
727		A	IC		IC301	8-759-650-75	CHEETAH3			
728		A	IC		IC302	8-759-594-19	IC K4S161622D-TC80			
729		A	IC		IC302	8-759-573-19	MSM56V16160D-10			
730		A	IC		IC303	8-759-594-19	IC K4S161622D-TC80			
731		A	IC		IC304	8-752-087-78	CXB1455R			
732		A	COIL		L201	1-419-424-21	INDUCTOR 47UH			
733		A	IC LINK		PS201	1-576-122-21	"LINK, IC"			
734		A	IC LINK		PS202	1-576-122-21	"LINK, IC"			
735		A	TRANSISTOR		Q102	8-729-900-53	DTC114EK			
736		A	TRANSISTOR		Q103	8-729-046-75	SI2301DS-T1			
737		A	TRANSISTOR		Q201	8-729-230-49	2SC2712-YG			
738		A	TRANSISTOR		Q301	8-729-046-75	SI2301DS-T1			
739		A	TRANSISTOR		Q302	8-729-046-75	SI2301DS-T1			
740		A	TRANSISTOR		Q303	8-729-046-75	SI2301DS-T1			
741		A	RESISTOR		R101	1-216-809-11	RES-CHIP 100 5% 1/10W			
742		A	RESISTOR		R102	1-216-809-11	RES-CHIP 100 5% 1/10W			
743		A	RESISTOR		R103	1-216-809-11	RES-CHIP 100 5% 1/10W			
744		A	RESISTOR		R104	1-216-833-11	RES-CHIP 10K 5% 1/10W			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
745		A	RESISTOR		R105	1-216-835-11	RES-CHIP 15K 5% 1/10W			
746		A	RESISTOR		R106	1-216-835-11	RES-CHIP 15K 5% 1/10W			
747		A	RESISTOR		R107	1-216-833-11	RES-CHIP 10K 5% 1/10W			
748		A	RESISTOR		R108	1-216-833-11	RES-CHIP 10K 5% 1/10W			
749		A	RESISTOR		R109	1-216-864-11	SHORT 0			
750		A	RESISTOR		R110	1-216-864-11	SHORT 0			
751		A	RESISTOR		R111	1-216-835-11	RES-CHIP 15K 5% 1/10W			
752		A	RESISTOR		R112	1-216-835-11	RES-CHIP 15K 5% 1/10W			
753		A	RESISTOR		R113	1-216-864-11	SHORT 0			
754		A	RESISTOR		R114	1-216-864-11	SHORT 0			
755		A	RESISTOR		R115	1-216-819-11	RES-CHIP 680 5% 1/10W			
756		A	RESISTOR		R116	1-216-813-11	RES-CHIP 220 5% 1/10W			
757		A	RESISTOR		R117	1-216-809-11	RES-CHIP 100 5% 1/10W			
758		A	RESISTOR		R118	1-216-833-11	RES-CHIP 10K 5% 1/10W			
759		A	RESISTOR		R119	1-216-821-11	RES-CHIP 1K 5% 1/10W			
760		A	RESISTOR		R120	1-216-809-11	RES-CHIP 100 5% 1/10W			
761		A	RESISTOR		R121	1-216-833-11	RES-CHIP 10K 5% 1/10W			
762		A	RESISTOR		R122	1-216-833-11	RES-CHIP 10K 5% 1/10W			
763		A	RESISTOR		R123	1-216-833-11	RES-CHIP 10K 5% 1/10W			
764		A	RESISTOR		R124	1-216-801-11	RES-CHIP 22 5% 1/10W			
765		A	RESISTOR		R125	1-218-708-11	METAL CHIP 4.7K 0.5% 1/16W			
766		A	RESISTOR		R126	1-216-864-11	SHORT 0			
767		A	RESISTOR		R127	1-216-864-11	SHORT 0			
768		A	RESISTOR		R128	1-216-809-11	RES-CHIP 100 5% 1/10W			
769		A	RESISTOR		R129	1-216-809-11	RES-CHIP 100 5% 1/10W			
770		A	RESISTOR		R130	1-216-809-11	RES-CHIP 100 5% 1/10W			
771		A	RESISTOR		R131	1-216-809-11	RES-CHIP 100 5% 1/10W			
772		A	RESISTOR		R132	1-216-809-11	RES-CHIP 100 5% 1/10W			
773		A	RESISTOR		R133	1-216-809-11	RES-CHIP 100 5% 1/10W			
774		A	RESISTOR		R135	1-216-833-11	RES-CHIP 10K 5% 1/10W			
775		A	RESISTOR		R136	1-216-833-11	RES-CHIP 10K 5% 1/10W			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
776		A	RESISTOR		R137	1-216-833-11	RES-CHIP 10K 5% 1/10W			
777		A	RESISTOR		R138	1-216-833-11	RES-CHIP 10K 5% 1/10W			
778		A	RESISTOR		R139	1-216-833-11	RES-CHIP 10K 5% 1/10W			
779		A	RESISTOR		R141	1-216-833-11	RES-CHIP 10K 5% 1/10W			
780		A	RESISTOR		R144	1-216-821-11	RES-CHIP 1K 5% 1/10W			
781		A	RESISTOR		R145	1-216-821-11	RES-CHIP 1K 5% 1/10W			
782		A	RESISTOR		R146	1-216-833-11	RES-CHIP 10K 5% 1/10W			
783		A	RESISTOR		R147	1-216-833-11	RES-CHIP 10K 5% 1/10W			
784		A	RESISTOR		R148	1-216-821-11	RES-CHIP 1K 5% 1/10W			
785		A	RESISTOR		R149	1-216-864-11	SHORT 0			
786		A	RESISTOR		R150	1-216-833-11	RES-CHIP 10K 5% 1/10W			
787		A	RESISTOR		R151	1-216-833-11	RES-CHIP 10K 5% 1/10W			
788		A	RESISTOR		R152	1-216-821-11	RES-CHIP 1K 5% 1/10W			
789		A	RESISTOR		R193	1-216-864-11	SHORT 0			
790		A	RESISTOR		R194	1-216-864-11	SHORT 0			
791		A	RESISTOR		R201	1-216-295-91	SHORT 0			
792		A	RESISTOR		R202	1-216-295-91	SHORT 0			
793		A	RESISTOR		R203	1-216-295-91	SHORT 0			
794		A	RESISTOR		R205	1-216-295-91	SHORT 0			
795		A	RESISTOR		R206	1-216-295-91	SHORT 0			
796		A	RESISTOR		R207	1-216-295-91	SHORT 0			
797		A	RESISTOR		R208	1-218-706-11	METAL CHIP 3.9K 0.5% 1/16W			
798		A	RESISTOR		R209	1-216-022-00	RES-CHIP 75 5% 1/10W			
799		A	RESISTOR		R210	1-216-022-00	RES-CHIP 75 5% 1/10W			
800		A	RESISTOR		R211	1-216-022-00	RES-CHIP 75 5% 1/10W			
801		A	RESISTOR		R212	1-216-805-11	RES-CHIP 47 5% 1/10W			
802		A	RESISTOR		R213	1-216-295-91	SHORT 0			
803		A	RESISTOR		R214	1-216-295-91	SHORT 0			
804		A	RESISTOR		R215	1-216-805-11	RES-CHIP 47 5% 1/10W			
805		A	RESISTOR		R216	1-216-295-91	SHORT 0			
806		A	RESISTOR		R217	1-216-805-11	RES-CHIP 47 5% 1/10W			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
807		A	RESISTOR		R218	1-216-295-91	SHORT 0			
808		A	RESISTOR		R219	1-216-295-91	SHORT 0			
809		A	RESISTOR		R220	1-216-295-91	SHORT 0			
810		A	RESISTOR		R222	1-216-805-11	RES-CHIP 47 5% 1/10W			
811		A	RESISTOR		R224	1-216-805-11	RES-CHIP 47 5% 1/10W			
812		A	RESISTOR		R225	1-216-864-11	SHORT 0			
813		A	RESISTOR		R226	1-216-022-00	RES-CHIP 75 5% 1/10W			
814		A	RESISTOR		R227	1-216-022-00	RES-CHIP 75 5% 1/10W			
815		A	RESISTOR		R228	1-216-022-00	RES-CHIP 75 5% 1/10W			
816		A	RESISTOR		R229	1-216-805-11	RES-CHIP 47 5% 1/10W			
817		A	RESISTOR		R231	1-216-805-11	RES-CHIP 47 5% 1/10W			
818		A	RESISTOR		R232	1-216-801-11	RES-CHIP 22 5% 1/10W			
819		A	RESISTOR		R233	1-216-801-11	RES-CHIP 22 5% 1/10W			
820		A	RESISTOR		R234	1-216-801-11	RES-CHIP 22 5% 1/10W			
821		A	RESISTOR		R235	1-216-805-11	RES-CHIP 47 5% 1/10W			
822		A	RESISTOR		R236	1-216-805-11	RES-CHIP 47 5% 1/10W			
823		A	RESISTOR		R238	1-216-825-11	RES-CHIP 2.2K 5% 1/10W			
824		A	RESISTOR		R239	1-216-825-11	RES-CHIP 2.2K 5% 1/10W			
825		A	RESISTOR		R241	1-216-833-11	RES-CHIP 10K 5% 1/10W			
826		A	RESISTOR		R242	1-216-821-11	RES-CHIP 1K 5% 1/10W			
827		A	RESISTOR		R243	1-216-295-91	SHORT 0			
828		A	RESISTOR		R244	1-216-857-11	RES-CHIP 1M 5% 1/10W			
829		A	RESISTOR		R250	1-216-864-11	SHORT 0			
830		A	RESISTOR		R252	1-216-809-11	RES-CHIP 100 5% 1/10W			
831		A	RESISTOR		R253	1-216-805-11	RES-CHIP 47 5% 1/10W			
832		A	RESISTOR		R255	1-216-819-11	RES-CHIP 680 5% 1/10W			
833		A	RESISTOR		R256	1-216-805-11	RES-CHIP 47 5% 1/10W			
834		A	RESISTOR		R258	1-216-825-11	RES-CHIP 2.2K 5% 1/10W			
835		A	RESISTOR		R259	1-216-825-11	RES-CHIP 2.2K 5% 1/10W			
836		A	RESISTOR		R264	1-216-809-11	RES-CHIP 100 5% 1/10W			
837		A	RESISTOR		R267	1-216-801-11	RES-CHIP 22 5% 1/10W			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
838		A	RESISTOR		R269	1-216-809-11	RES-CHIP 100 5% 1/10W			
839		A	RESISTOR		R274	1-216-833-11	RES-CHIP 10K 5% 1/10W			
840		A	RESISTOR		R277	1-216-295-91	SHORT 0			
841		A	RESISTOR		R278	1-216-295-91	SHORT 0			
842		A	RESISTOR		R279	1-216-295-91	SHORT 0			
843		A	RESISTOR		R280	1-216-295-91	SHORT 0			
844		A	RESISTOR		R281	1-216-295-91	SHORT 0			
845		A	RESISTOR		R282	1-216-295-91	SHORT 0			
846		A	RESISTOR		R283	1-216-835-11	RES-CHIP 15K 5% 1/10W			
847		A	RESISTOR		R284	1-216-835-11	RES-CHIP 15K 5% 1/10W			
848		A	RESISTOR		R285	1-216-833-11	RES-CHIP 10K 5% 1/10W			
849		A	RESISTOR		R289	1-216-833-11	RES-CHIP 10K 5% 1/10W			
850		A	RESISTOR		R290	1-216-833-11	RES-CHIP 10K 5% 1/10W			
851		A	RESISTOR		R291	1-216-822-11	RES-CHIP 1.2K 5% 1/10W			
852		A	RESISTOR		R292	1-216-833-11	RES-CHIP 10K 5% 1/10W			
853		A	RESISTOR		R294	1-216-864-11	SHORT 0			
854		A	RESISTOR		R295	1-216-864-11	SHORT 0			
855		A	RESISTOR		R296	1-216-808-11	RES-CHIP 82 5% 1/10W			
856		A	RESISTOR		R298	1-216-801-11	RES-CHIP 22 5% 1/10W			
857		A	RESISTOR		R299	1-216-833-11	RES-CHIP 10K 5% 1/10W			
858		A	RESISTOR		R301	1-216-864-11	SHORT 0			
859		A	RESISTOR		R302	1-216-833-11	RES-CHIP 10K 5% 1/10W			
860		A	RESISTOR		R303	1-216-864-11	SHORT 0			
861		A	RESISTOR		R307	1-216-833-11	RES-CHIP 10K 5% 1/10W			
862		A	RESISTOR		R319	1-216-864-11	SHORT 0			
863		A	RESISTOR		R320	1-216-833-11	RES-CHIP 10K 5% 1/10W			
864		A	RESISTOR		R321	1-218-661-11	METAL CHIP 51 0.5% 1/16W			
865		A	RESISTOR		R322	1-218-661-11	METAL CHIP 51 0.5% 1/16W			
866		A	RESISTOR		R323	1-218-708-11	METAL CHIP 4.7K 0.5% 1/16W			
867		A	RESISTOR		R325	1-218-708-11	METAL CHIP 4.7K 0.5% 1/16W			
868		A	RESISTOR		R326	1-218-692-11	METAL CHIP 1K 0.5% 1/16W			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
869		A	RESISTOR		R327	1-218-692-11	METAL CHIP 1K 0.5% 1/16W			
870		A	RESISTOR		R337	1-216-801-11	RES-CHIP 22 5% 1/10W			
871		A	RESISTOR		R338	1-216-833-11	RES-CHIP 10K 5% 1/10W			
872		A	RESISTOR		R339	1-216-793-11	RES-CHIP 4.7 5% 1/10W			
873		A	RESISTOR		R340	1-216-793-11	RES-CHIP 4.7 5% 1/10W			
874		A	RESISTOR		R341	1-216-833-11	RES-CHIP 10K 5% 1/10W			
875		A	RESISTOR		R342	1-216-833-11	RES-CHIP 10K 5% 1/10W			
876		A	RESISTOR		R343	1-216-833-11	RES-CHIP 10K 5% 1/10W			
877		A	RESISTOR		R344	1-216-833-11	RES-CHIP 10K 5% 1/10W			
878		A	RESISTOR		R345	1-216-833-11	RES-CHIP 10K 5% 1/10W			
879		A	RESISTOR		R347	1-216-813-11	RES-CHIP 220 5% 1/10W			
880		A	RESISTOR		R348	1-216-805-11	RES-CHIP 47 5% 1/10W			
881		A	RESISTOR		R349	1-216-805-11	RES-CHIP 47 5% 1/10W			
882		A	RESISTOR		R350	1-216-805-11	RES-CHIP 47 5% 1/10W			
883		A	RESISTOR		R351	1-216-805-11	RES-CHIP 47 5% 1/10W			
884		A	RESISTOR		R352	1-216-805-11	RES-CHIP 47 5% 1/10W			
885		A	RESISTOR		R353	1-216-805-11	RES-CHIP 47 5% 1/10W			
886		A	RESISTOR		R354	1-216-805-11	RES-CHIP 47 5% 1/10W			
887		A	RESISTOR		R355	1-216-805-11	RES-CHIP 47 5% 1/10W			
888		A	RESISTOR		R356	1-216-805-11	RES-CHIP 47 5% 1/10W			
889		A	RESISTOR		R357	1-216-805-11	RES-CHIP 47 5% 1/10W			
890		A	RESISTOR		R358	1-216-805-11	RES-CHIP 47 5% 1/10W			
891		A	RESISTOR		R359	1-216-805-11	RES-CHIP 47 5% 1/10W			
892		A	RESISTOR		R360	1-216-805-11	RES-CHIP 47 5% 1/10W			
893		A	RESISTOR		R361	1-216-805-11	RES-CHIP 47 5% 1/10W			
894		A	RESISTOR		R362	1-216-805-11	RES-CHIP 47 5% 1/10W			
895		A	RESISTOR		R363	1-216-805-11	RES-CHIP 47 5% 1/10W			
896		A	RESISTOR		R364	1-216-805-11	RES-CHIP 47 5% 1/10W			
897		A	RESISTOR		R365	1-216-805-11	RES-CHIP 47 5% 1/10W			
898		A	RESISTOR		RA203	1-239-412-11	NETWORK RESISTOR (CHIP) 100			
899		A	RESISTOR		RA204	1-239-412-11	NETWORK RESISTOR (CHIP) 100			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
900		A	RESISTOR		RA205	1-239-412-11	NETWORK RESISTOR (CHIP) 100			
901		A	RESISTOR		RA206	1-239-412-11	NETWORK RESISTOR (CHIP) 100			
902		A	RESISTOR		RA207	1-239-412-11	NETWORK RESISTOR (CHIP) 100			
903		A	RESISTOR		RA208	1-239-412-11	NETWORK RESISTOR (CHIP) 100			
904		A	THERMISTOR		TH101	1-809-050-21	THERMISTOR			
905		A	THERMISTOR		TH201	1-809-050-21	THERMISTOR			
906		A	CRYSTAL		X101	1-767-340-11	"VIBRATOR, CRYSTAL"			
907		A	CRYSTAL		X301	1-781-723-21	"OSCILLATOR, CRYSTAL"			
908		G	CAPACITOR		C701	1-104-705-11	MYLAR 0.1UF 20.00% 250V			
909		G	CAPACITOR		C703	1-136-203-91	"CAP, METALIZED FILM 0.01MF"			
910		G	CAPACITOR		C704	1-135-362-31	ELECT 1500UF 20% 16V			
911		G	CAPACITOR		C705	1-135-362-31	ELECT 1500UF 20% 16V			
912		G	CAPACITOR		C706	1-104-760-11	CERAMIC CHIP 0.047UF 10.00% 50V			
913		G	CAPACITOR		C707	1-107-824-11	CERAMIC 220PF 5.00% 1KV			
914		G	CAPACITOR		C708	1-163-037-11	CERAMIC CHIP 0.022UF 10.00% 50V			
915		G	CAPACITOR		C709	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
916		G	CAPACITOR		C710	1-104-760-11	CERAMIC CHIP 0.047UF 10.00% 50V			
917		G	CAPACITOR		C711	1-126-968-11	ELECT 100UF 20.00% 50V			
918		G	CAPACITOR		C712	1-163-007-11	CERAMIC CHIP 680PF 10.00% 50V			
919		G	CAPACITOR		C713	1-126-967-11	ELECT 47UF 20.00% 50V			
920		G	CAPACITOR		C716	1-128-949-31	ELECT 470UF 20% 16V			
921		G	CAPACITOR		C717	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
922		G	CAPACITOR		C719	1-125-991-11	ELECT 180UF 20% 450V			
923		G	CAPACITOR		C721	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
924		G	CAPACITOR		C722	1-126-193-11	ELECT CHIP 1UF 20.00% 50V			
925		G	CAPACITOR		C723	1-117-699-11	CERAMIC 0.001UF 99% 250V			
926		G	CAPACITOR		C724	1-113-924-11	CERAMIC 0.0047UF 20.00% 250V			
927		G	CAPACITOR		C726	1-128-949-31	ELECT 470UF 20% 16V			
928		G	CAPACITOR		C727	1-104-705-11	MYLAR 0.1UF 20.00% 250V			
929		G	CAPACITOR		C728	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
930		G	CAPACITOR		C729	1-117-699-11	CERAMIC 0.001UF 99% 250V			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
931		G	CAPACITOR		C730	1-113-924-11	CERAMIC 0.0047UF 20.00% 250V			
932		G	CAPACITOR		C732	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
933		G	CAPACITOR		C735	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
934		G	CAPACITOR		C736	1-126-603-11	ELECT CHIP 4.7UF 20.00% 35V			
935		G	CAPACITOR		C737	1-128-949-31	ELECT 470UF 20% 16V			
936		G	CAPACITOR		C738	1-128-949-31	ELECT 470UF 20% 16V			
937		G	CAPACITOR		C739	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
938		G	CAPACITOR		C740	1-113-987-11	TANTAL. CHIP 4.7UF 20.00% 25V			
939		G	CAPACITOR		C741	1-126-935-11	ELECT 470UF 20.00% 6.3V			
940		G	CAPACITOR		C742	1-126-935-11	ELECT 470UF 20.00% 6.3V			
941		G	CAPACITOR		C743	1-126-935-11	ELECT 470UF 20.00% 16V			
942		G	CAPACITOR		C770	1-126-960-11	ELECT 1UF 20.00% 50V			
943		G	CAPACITOR		C771	1-126-960-11	ELECT 1UF 20.00% 50V			
944		G	CAPACITOR		C772	1-126-933-11	ELECT 100UF 20.00% 16V			
945		G	CAPACITOR		C790	1-126-960-11	ELECT 1UF 20.00% 50V			
946		G	CAPACITOR		C791	1-126-960-11	ELECT 1UF 20.00% 50V			
947		G	CAPACITOR		C792	1-126-960-11	ELECT 1UF 20.00% 50V			
948		G	CAPACITOR		C793	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
949		G	CAPACITOR		C794	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
950		G	CAPACITOR		C795	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
951		G	CAPACITOR		C796	1-162-927-11	CERAMIC CHIP 100PF 5.00% 50V			
952		G	CAPACITOR		C797	1-164-156-11	CERAMIC CHIP 0.1UF 25V			
953		G	CAPACITOR		C798	1-126-933-11	ELECT 100UF 20.00% 16V			
954		G	CONNECTOR	*	CN701	1-691-591-11	"PIN, CONNECTOR (1.5MM) (SMD)8P"			
955		G	CONNECTOR	*	CN702	1-766-376-11	"PIN, CONNECTOR (1.5MM)(SMD) 9P"			
956		G	CONNECTOR	*	CN703	1-691-960-11	"PIN, CONNECTOR (PC BOARD) 3P"			
957		G	CONNECTOR	*	CN704	1-691-960-21	"PIN, CONNECTOR (PC BOARD) 3P"			
958		G	CONNECTOR		CN705	1-573-290-21	"PIN, CONNECTOR (1.5MM) (SMD)4P"			
959		G	CONNECTOR		CN706	1-507-678-51	JACK			
960		G	DIODE		D701	8-719-077-76	D2SB60A-F04			
961		G	DIODE		D702	8-719-510-41	D10SC9M			



No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
962		G	DIODE		D703	8-719-018-82	RGP02-20EL-6394			
963		G	DIODE		D704	8-719-911-19	1SS119-25			
964		G	DIODE		D705	8-719-063-73	DIODE D1NL20U-TR			
965		G	DIODE		D706	8-719-200-82	11ES2			
966		G	DIODE		D707	8-719-106-53	RD10M-B2			
967		G	DIODE		D708	8-719-083-60	UDZSTE-174.7B			
968		G	DIODE		D709	8-719-046-85	MA2S728			
969		G	DIODE		D710	8-719-046-85	MA2S728			
970		G	DIODE		D711	8-719-074-74	MA3XD15001S0			
971		G	DIODE		D712	8-719-074-74	MA3XD15001S0			
972		G	DIODE		D767	8-719-421-59	MA3130WA-TX			
973		G	DIODE		D768	8-719-421-59	MA3130WA-TX			
974		G	TERMINAL	*	ET701	1-537-738-21	"TERMINAL, EARTH"			
975		G	TERMINAL	*	ET702	1-537-738-21	"TERMINAL, EARTH"			
976		G	FERRITE BEAD		FB750	1-469-136-21	FERRITE 0UH			
977		G	FERRITE BEAD		FB751	1-469-136-21	FERRITE 0UH			
978		G	FUSE		FH701	1-533-223-11	"HOLDER, FUSE"			
979		G	FUSE		FH702	1-533-223-11	"HOLDER, FUSE"			
980		G	IC		IC701	8-759-594-75	TEA1504/N2			
981		G	IC		IC702	8-759-198-31	UPC1093J-1-T			
982		G	IC		IC704	8-759-652-21	MMDF6N03HDR2			
983		G	IC		IC706	8-759-651-71	MAX1631EAI-TG06			
984		G	IC		IC707	8-759-652-21	MMDF6N03HDR2			
985		G	IC		IC790	8-759-144-72	UPC358G2-E2			
986		G	COIL		L701	1-412-534-31	INDUCTOR 56UH			
987		G	COIL		L702	1-412-532-11	INDUCTOR 39UH			
988		G	COIL		L703	1-408-611-31	INDUCTOR 47UH			
989		G	COIL		L704	1-406-663-21	INDUCTOR 47UH			
990		G	COIL		L705	1-406-663-21	INDUCTOR 47UH			
991		G	COIL		L706	1-406-663-21	INDUCTOR 47UH			
992		G	COIL		L707	1-406-661-11	INDUCTOR 22UH			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
993		G	PHOTO COUPLER		PH701	8-749-010-64	PC123F2			
994		G	IC LINK		PS701	1-533-595-31	"LINK, IC"			
995		G	IC LINK		PS702	1-533-593-31	"LINK, IC"			
996		G	FERRITE BEAD		PS791	1-469-136-21	FERRITE 0UH			
997		G	TRANSISTOR		Q701	8-729-926-79	IRFIBC40			
998		G	TRANSISTOR		Q770	8-729-230-49	2SC2712-YG			
999		G	TRANSISTOR		Q771	8-729-230-49	2SC2712-YG			
1000		G	RESISTOR		R701	1-219-754-11	CARBON 680K 5% 1/2W			
1001		G	RESISTOR		R702	1-215-929-11	METAL OXIDE 100K 5% 3W			
1002		G	RESISTOR		R703	1-216-073-91	RES-CHIP 10K 5% 1/10W			
1003		G	RESISTOR		R704	1-219-776-11	CARBON 2.2M 10% 1/2W			
1004		G	RESISTOR		R705	1-216-665-11	METAL CHIP 3.9K 0.5% 1/10W			
1005		G	RESISTOR		R706	1-216-651-11	METAL CHIP 1K 0.5% 1/10W			
1006		G	RESISTOR		R707	1-216-073-91	RES-CHIP 10K 5% 1/10W			
1007		G	RESISTOR		R708	1-216-073-91	RES-CHIP 10K 5% 1/10W			
1008		G	RESISTOR		R709	1-216-093-91	RES-CHIP 68K 5% 1/10W			
1009		G	RESISTOR		R710	1-216-295-91	SHORT 0			
1010		G	RESISTOR		R711	1-215-887-00	METAL OXIDE 150 5% 2W			
1011		G	RESISTOR		R712	1-215-887-00	METAL OXIDE 150 5% 2W			
1012		G	RESISTOR		R713	1-219-776-11	CARBON 2.2M 10% 1/2W			
1013		G	RESISTOR		R714	1-216-049-11	RES-CHIP 1K 5% 1/10W			
1014		G	RESISTOR		R716	1-216-635-11	METAL CHIP 220 0.5% 1/10W			
1015		G	RESISTOR		R717	1-217-151-00	METAL 0.22 10% 2W			
1016		G	RESISTOR		R718	1-216-109-00	RES-CHIP 330K 5% 1/10W			
1017		G	RESISTOR		R719	1-260-308-11	CARBON 22 5% 1/2W			
1018		G	RESISTOR		R721	1-216-001-00	RES-CHIP 10 5% 1/10W			
1019		G	RESISTOR		R722	1-216-049-11	RES-CHIP 1K 5% 1/10W			
1020		G	RESISTOR		R723	1-216-658-11	METAL CHIP 2K 0.5% 1/10W			
1021		G	RESISTOR		R724	1-216-049-11	RES-CHIP 1K 5% 1/10W			
1022		G	RESISTOR		R725	1-216-685-11	METAL CHIP 27K 0.5% 1/10W			
1023		G	RESISTOR		R726	1-216-101-00	RES-CHIP 150K 5% 1/10W			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
1024		G	RESISTOR		R727	1-216-033-00	RES-CHIP 220 5% 1/10W			
1025		G	RESISTOR		R728	1-202-933-61	FUSIBLE 0.1 10% 1/2W			
1026		G	RESISTOR		R730	1-243-290-91	METAL CHIP 0.068 1% 1/2W			
1027		G	RESISTOR		R731	1-240-581-11	CEMENTED 3.9 5% 10W			
1028		G	RESISTOR		R732	1-216-797-11	RES-CHIP 10 5% 1/10W			
1029		G	RESISTOR		R733	1-243-290-91	METAL CHIP 0.068 1% 1/2W			
1030		G	RESISTOR		R735	1-216-041-00	RES-CHIP 470 5% 1/10W			
1031		G	RESISTOR		R736	1-218-727-11	METAL CHIP 30K 0.5% 1/16W			
1032		G	RESISTOR		R737	1-218-726-11	METAL CHIP 27K 0.5% 1/16W			
1033		G	RESISTOR		R770	1-216-699-11	RES-CHIP 100K 5% 1/10W			
1034		G	RESISTOR		R771	1-216-699-11	RES-CHIP 100K 5% 1/10W			
1035		G	RESISTOR		R772	1-216-699-11	RES-CHIP 100K 5% 1/10W			
1036		G	RESISTOR		R773	1-216-699-11	RES-CHIP 100K 5% 1/10W			
1037		G	RESISTOR		R774	1-216-651-11	RES-CHIP 1K 5% 1/10W			
1038		G	RESISTOR		R775	1-216-651-11	RES-CHIP 1K 5% 1/10W			
1039		G	RESISTOR		R776	1-218-478-11	RES-CHIP 330 5% 1/4W			
1040		G	RESISTOR		R777	1-218-478-11	RES-CHIP 330 5% 1/4W			
1041		G	RESISTOR		R778	1-216-659-11	RES-CHIP 2.2K 5% 1/10W			
1042		G	RESISTOR		R779	1-216-659-11	RES-CHIP 2.2K 5% 1/10W			
1043		G	RESISTOR		R780	1-218-476-11	RES-CHIP 180 5% 1/4W			
1044		G	RESISTOR		R781	1-216-295-91	SHORT 0			
1045		G	RESISTOR		R782	1-216-295-91	SHORT 0			
1046		G	RESISTOR		R783	1-216-295-91	SHORT 0			
1047		G	RESISTOR		R784	1-216-295-91	SHORT 0			
1048		G	RESISTOR		R785	1-216-295-91	SHORT 0			
1049		G	RESISTOR		R786	1-218-476-11	RES-CHIP 180 5% 1/4W			
1050		G	RESISTOR		R788	1-216-627-11	RES-CHIP 100 5% 1/10W			
1051		G	RESISTOR		R789	1-216-627-11	RES-CHIP 100 5% 1/10W			
1052		G	RESISTOR		R790	1-240-091-21	RES-CHIP 47K 5% 1/10W			
1053		G	RESISTOR		R791	1-240-091-21	RES-CHIP 47K 5% 1/10W			
1054		G	RESISTOR		R792	1-240-091-21	RES-CHIP 47K 5% 1/10W			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Defference
1055		G	RESISTOR		R793	1-240-091-21	RES-CHIP 47K 5% 1/10W			
1056		G	RESISTOR		R794	1-240-091-21	RES-CHIP 47K 5% 1/10W			
1057		G	RESISTOR		R795	1-240-091-21	RES-CHIP 47K 5% 1/10W			
1058		G	RESISTOR		R796	1-240-091-21	RES-CHIP 47K 5% 1/10W			
1059		G	RESISTOR		R797	1-240-091-21	RES-CHIP 47K 5% 1/10W			
1060		G	RESISTOR		R798	1-240-093-21	RES-CHIP 68K 5% 1/10W			
1061		G	RESISTOR		R799	1-240-091-21	RES-CHIP 47K 5% 1/10W			
1062		G	CIOL		T701	1-419-663-11	"COIL, LINE FILTER"			
1063		G	CONVERTER		T702	1-435-291-21	"TRANSFORMER, CONVERTER (SRT)"			
1064		G	VARISTOR		VDR701	1-801-073-11	VARISTOR ERZV14D471			