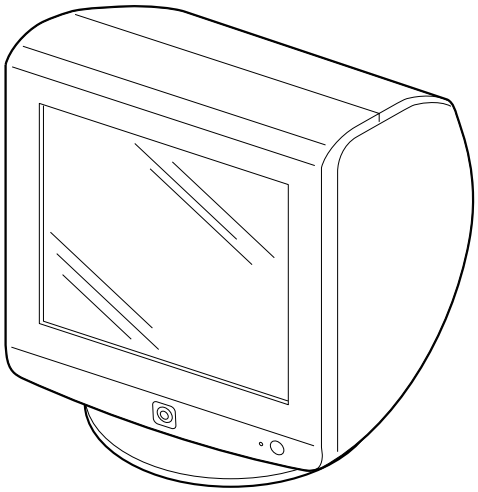
HMD-A440

SERVICE MANUAL

US Model
Canadian Model

Chassis No. SCC-L38F-A



19VC CHASSIS

SPECIFICATIONS

CRT	0.24 mm aperture grille pitch (center) 19 inches measured diagonally 90-degree deflection FD Trinitron
Viewable image size	Approx. 365 × 274 mm (w/h) (14 3/8 × 10 7/8 inches)
Viewing image	Approx. 456 mm (18 inches)
Resolution	
Maximum	Horizontal: 1920 dots Vertical: 1440 lines
Recommended	Horizontal: 1280 dots Vertical: 1024 lines
Standard image area	Approx. 352 × 264 mm (w/h) (12 7/8 × 10 3/4 inches)
Deflection frequency	Horizontal: 30 to 96 kHz Vertical: 48 to 170 Hz
AC input voltage/current	100 - 120 V, 50 -60 Hz, Max. 2.0 A
Power consumption	Approx.130 W
Operating temperature	10 ℃ to 40 ℃
Dimensions	Approx. 461 × 479 × 471 mm (w/h/d) (18 1/8 × 19 1/8 × 18 1/2 inches)
Mass	Approx. 26 kg (57 lb)
Plug and Play	DDC2B/DDC2Bi GTF

Supplied accessories

Power cord (1)
Warranty card (1)
Instruction Manual (1)

* Recommended horizonal and vertical timing condition

- Horizontal sync width should be more than 1.0 µsec.
- Horizontal blanking width should be more than 3.0 µsec.
- Vartical blanking width should be more than 500 µsec.

Design and specifications are subject to change without notice.

Preset and user modes

When the monitor receives an input signal, it automatically matches the signal to Provide a high quality picture.
For input signals that do not match one of the factory preset modes, the digital Multiscan technology of this monitor ensures that a clear picture appears on the screen for any timing in the monitor s frequency range (horizontal: 30 — 96 kHz, vertical: 48 — 170 Hz). If the picture is adjusted, the adjustment data is stored as a user mode and automatically recalled whenever the same input signal is received.

TORINITORON® 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)

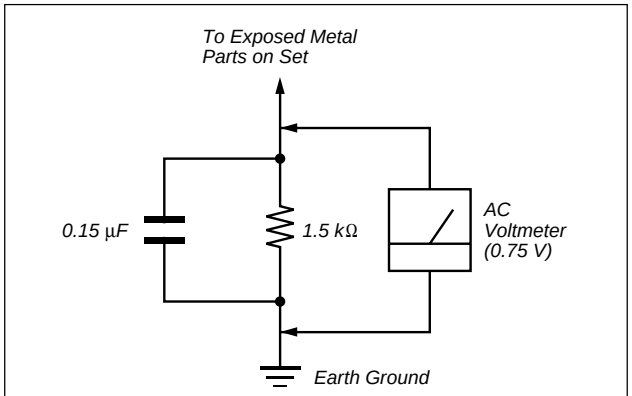


Fig. A. Using an AC voltmeter to check AC leakage.

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 ⚠ 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 ⚠ 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

This monitor meets the power-saving guidelines set by VESA, ENERGY STAR, and NUTEK. If no signal is received by the monitor from your computer, the monitor will automatically reduce power consumption as shown below.

Power mode	Power consumption	⏻ (power) indicator
normal operation	≤ 130 W	green
active off*	≤ 3 W	orange
power off	0 W (Approx.)	off

* When your computer is in active off mode, MONITOR IS IN POWER SAVE MODE appears on the screen if you press any button on the monitor. After a few seconds, the monitor enters the power saving mode again.

DIAGNOSIS

Failre	Power LED
Horizontal / Vertical Deflection failure, (Included S-cap)	Amber (1.5 sec) → Off (0.5 sec)
ABL protector	Amber (0.5 sec) → Off (1.5 sec)
HV failure	Amber (0.5 sec) → Off (0.5 sec)
Aging / Self Test	Amber (0.5 sec) → Off (0.5 sec) → Green (0.5 sec) → Off (0.5 sec)
Out of scan range	Green (OSD indication)

Aging Mode (Video Aging) : During Power Save, press MENU button for longer than 2 second.
Monitor Information and RGB bar : During Power Save, push CONT+ button for longer than 2 second.
ALL White : During Power Save, push CONT- button for longer than 2 second.

TIMING SPECIFICATION

MODE				Primary Mode					
MODE AT PRODUCTION	MODE 1	MODE 2	MODE 3	MODE 4	MODE 5	MODE 6	MODE 7	MODE 8	MODE 9
RESOLUTION	640 X 480	800 X 600	832 X 624	1280 X 1024	1024 X 768	720 X 400	640 X 480	1600 X 1200	1152 X 870
CLOCK	25.175 MHz	56.250 MHz	57.283 MHz	157.500 MHz	94.500 MHz	28.322 MHz	36.000 MHz	202.500 MHz	100.000 MHz
— HORIZONTAL —									
H-FREQ	31.469 kHz	53.674 kHz	49.725 kHz	91.146 kHz	68.677 kHz	31.469 kHz	43.269 kHz	93.750 kHz	68.681 kHz
	µsec	µsec	µsec	µsec	µsec	µsec	µsec	µsec	µsec
H. TOTAL	31.778	18.631	20.111	10.971	14.561	31.777	23.111	10.667	14.560
H. BLK	6.356	4.409	5.586	2.844	3.725	6.355	5.333	2.765	3.040
H. FP	0.636	0.569	0.559	0.406	0.508	0.636	1.556	0.316	0.320
H. SYNC	3.813	1.138	1.117	1.016	1.016	3.813	1.556	0.948	1.280
H. BP	1.907	2.702	3.910	1.422	2.201	1.907	2.222	1.501	1.440
H. ACTIV	25.422	14.222	14.524	8.127	10.836	25.422	17.778	7.901	11.520
— VERTICAL —									
V. FREQ (HZ)	59.940 Hz	85.061 Hz	74.550 Hz	85.024 Hz	84.997 Hz	70.087 Hz	85.008 Hz	75.000 Hz	75.062 Hz
	lines	lines	lines	lines	lines	lines	lines	lines	lines
V. TOTAL	525	631	667	1072	808	449	509	1250	915
V. BLK	45	31	43	48	40	49	29	50	45
V. FP	10	1	1	1	1	12	1	1	3
V. SYNC	2	3	3	3	3	2	3	3	3
V. BP	33	27	39	44	36	35	25	46	39
V. ACTIV	480	600	624	1024	768	400	480	1200	870
— SYNC —									
INT(G)	NO	NO	NO	NO	NO	NO	NO	NO	NO
EXT (H/V) /POLARITY	YES N/N	NO P/P	YES N/N	YES P/P	YES P/P	YES N/P	YES N/N	YES P/P	YES N/N
EXT (CS) /POLARITY	NO	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	NON INT

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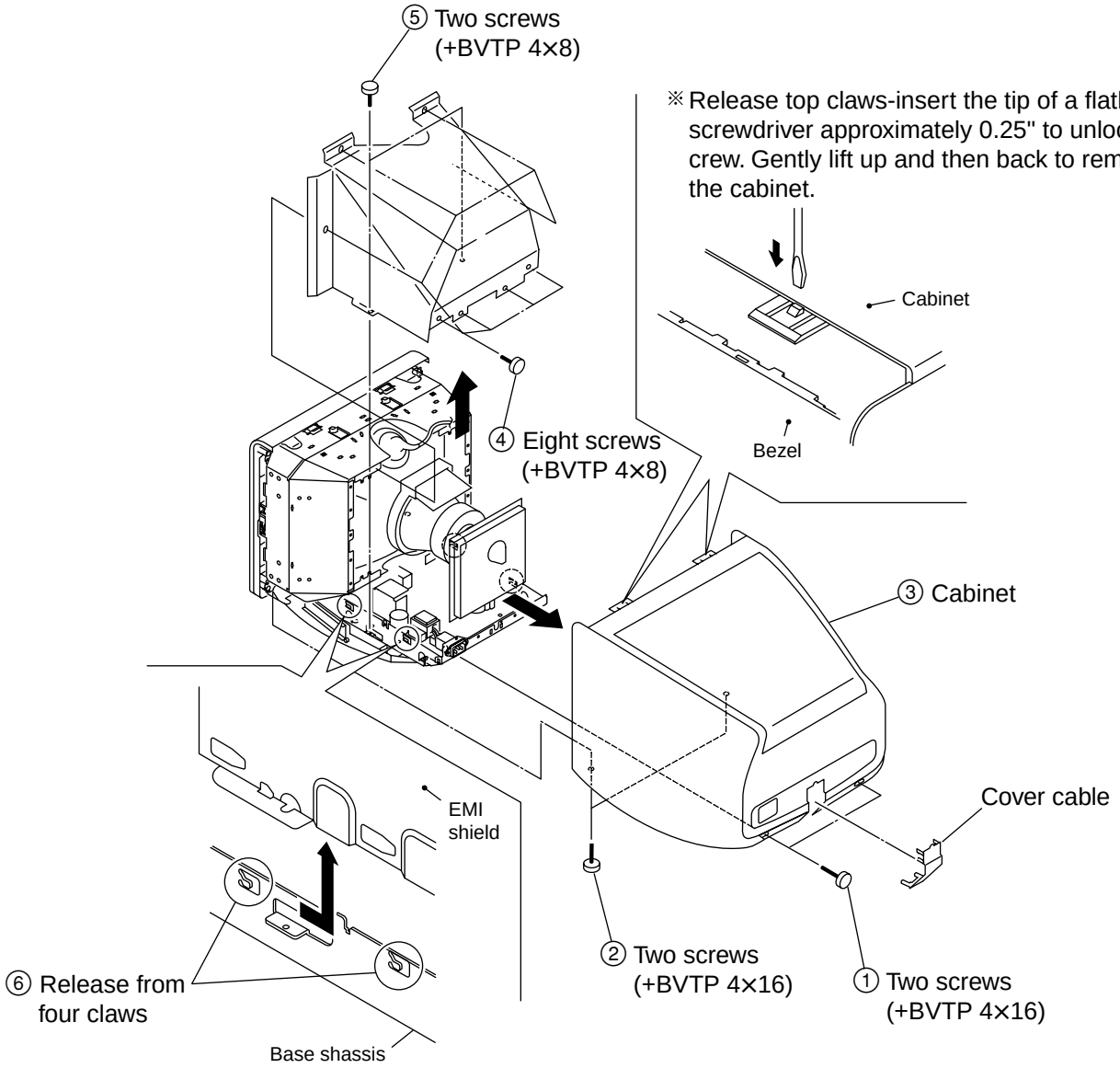
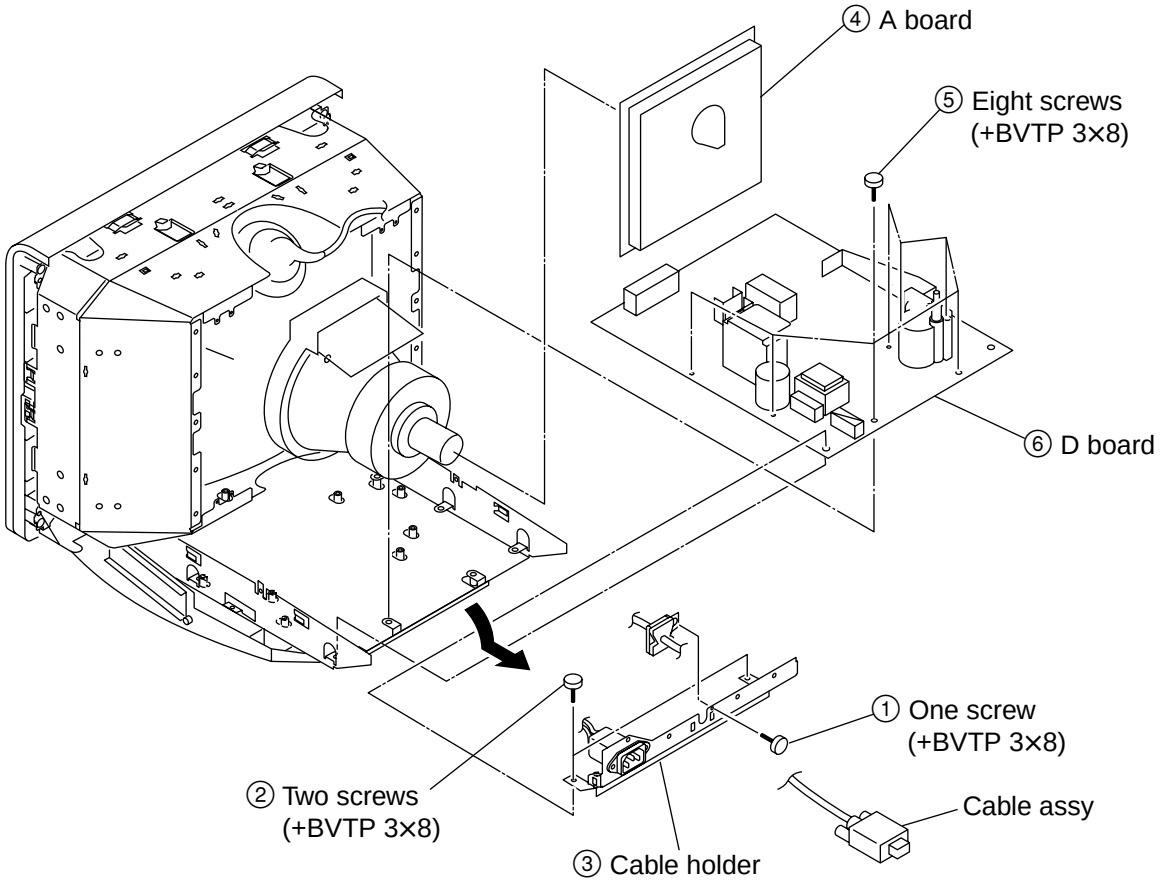
SECTION 1
DISASSEMBLY

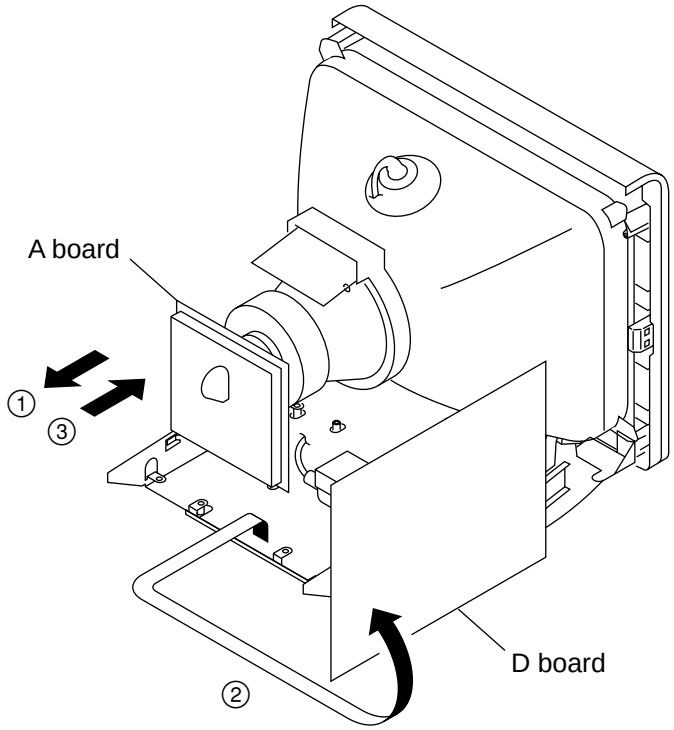
1-1. CABINET ASSEMBLY REMOVAL



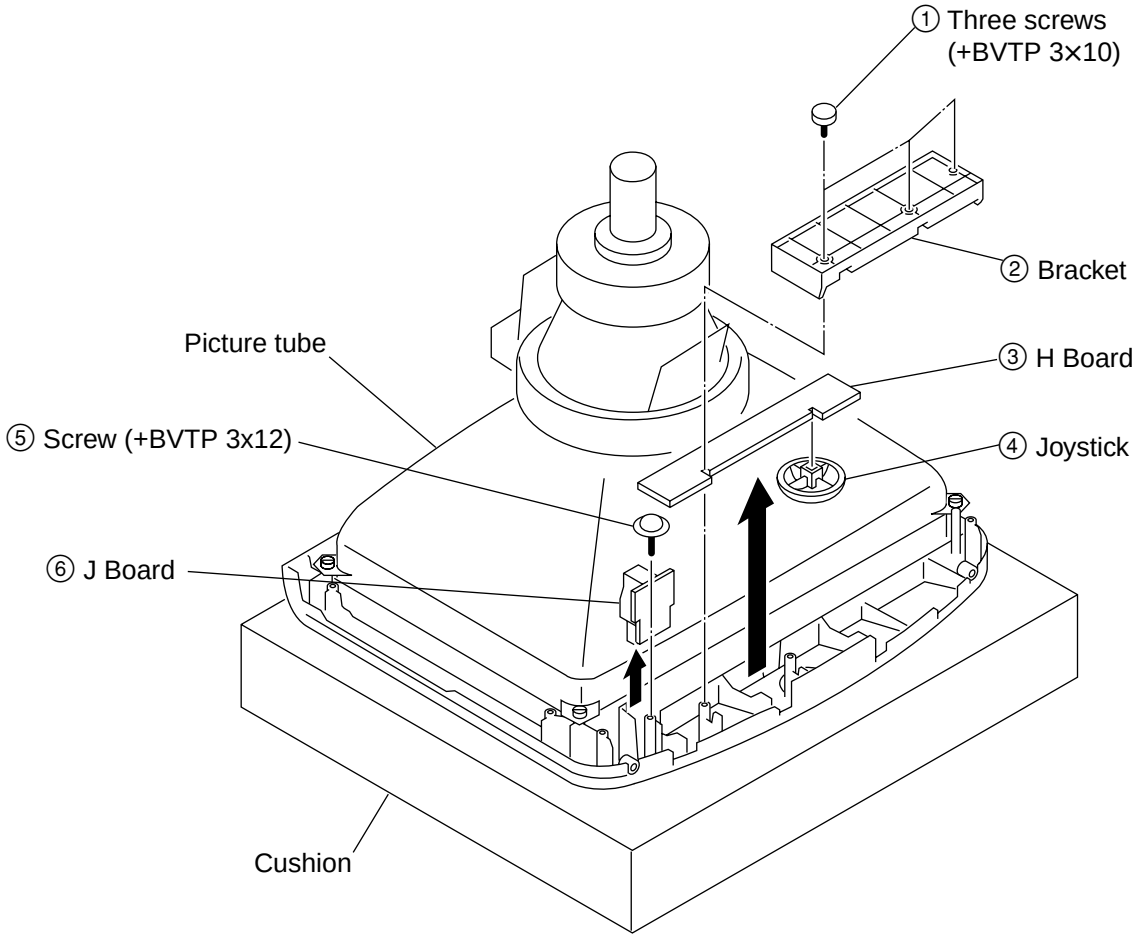
1-2. A AND D BOARDS REMOVAL



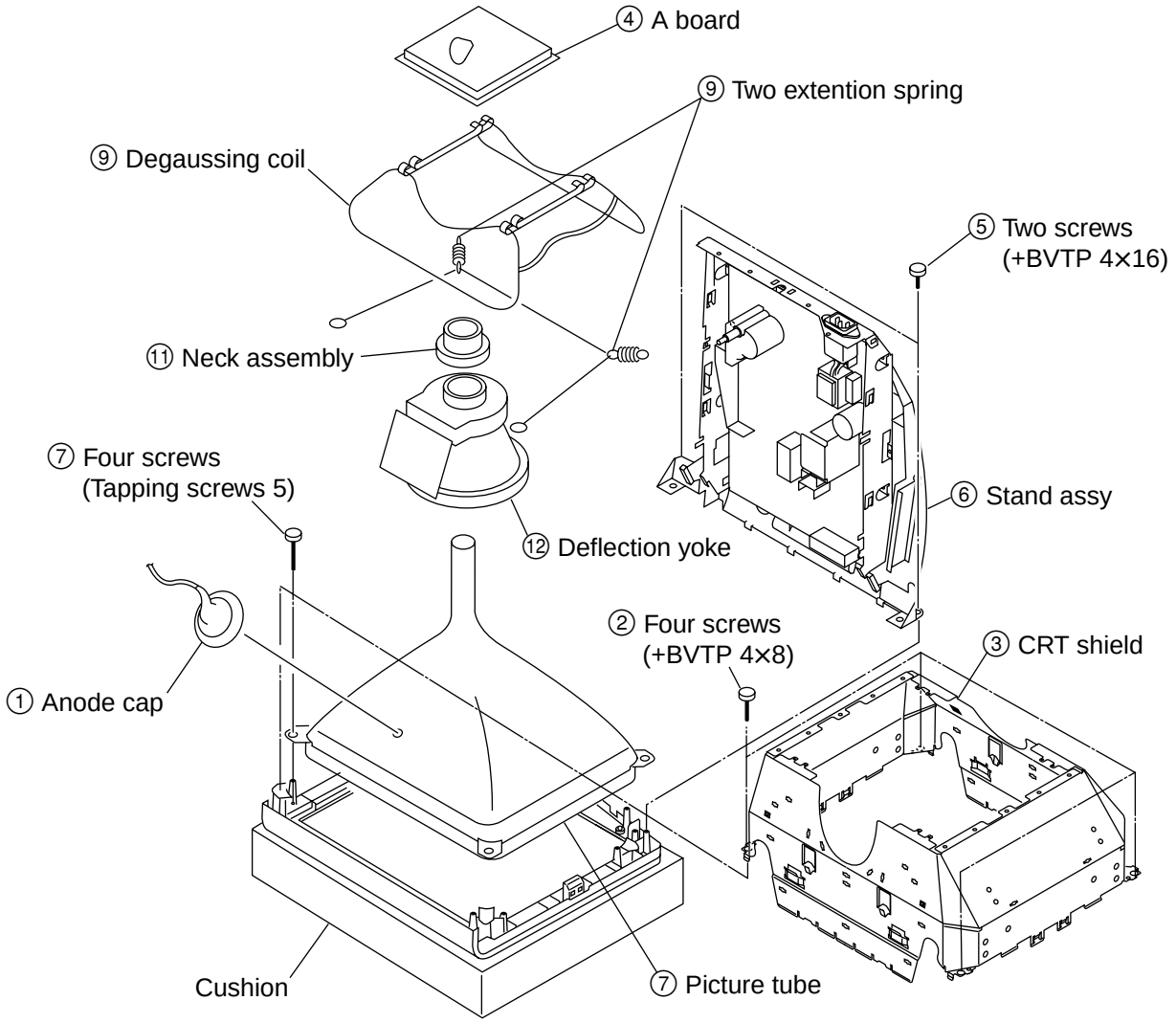
1-3. SERVICE POSITION



1-4. H1 AND J BOARDS REMOVAL



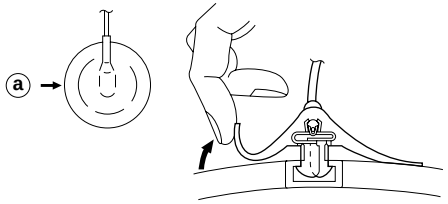
1-5. PICTURE TUBE REMOVAL



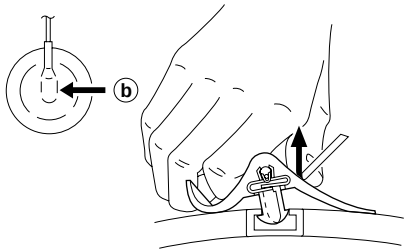
•REMOVAL OF ANODE-CAP

NOTE: Short circuit the anode of the picture tube and the anode cap to the metal chassis, CRT shield or carbon painted on the CRT, after removing the anode.

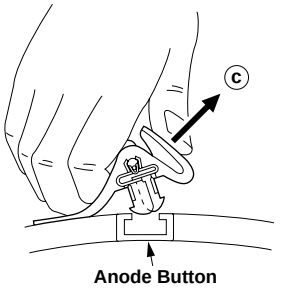
•REMOVING PROCEDURES



①Turn up one side of the rubber cap in the direction indicated by the arrow ⓐ.



②Using a thumb pull up the rubber cap firmly in the direction indicated by the arrow ⓑ.



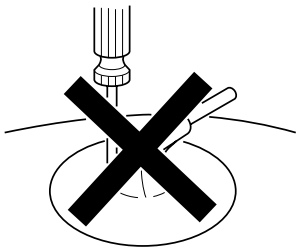
③When one side of the rubber cap is separated from the anode button, the anode-cap can be removed by turning up the rubber cap and pulling up it in the direction of the arrow ⓒ.

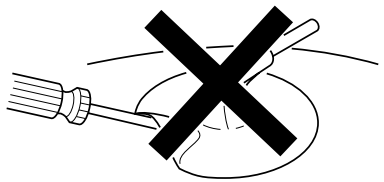
•HOW TO HANDLE AN ANODE-CAP

①Don't scratch the surface of anode-caps with sharp shaped material!

②Don't press the rubber hardly not to damage inside of anode-caps!
A material fitting called as shatter-hook terminal is built in the rubber.

③Don't turn the foot of rubber over hardly!
The shatter-hook terminal will stick out or damage the rubber.





SECTION 2
SAFETY RELATED ADJUSTMENT

When replacing or repairing the shown below table, the following operational checks must be performed as a safety precaution against X-rays emissions from the unit.

	Part Replaced (⋈)
HV ADJ	RV501

	Part Replaced (◪)	
HV Regulator Circuit Check	D board	IC501, C532, C534, C539, C553, C554, C555, C556, C558, C561, R540, R541, R542, R544, R564, R567, R568, RV501, T501 (FBT)
HV Protector Circuit Check	D board	IC607, IC901, D515, D517, C540, C542, C544, C951, R510, R543, R547, R549, R552, R595, T501 (FBT)
Beam Current Protector Circuit Check	D board	IC605,IC607,IC901, C535, C541,R545, R546, R548,R550, R596, R934, T501 (FBT)

* Confirm one minute after turning on the power.

- **HV Protector Circuit Check**

  Using an external DC Power Supply, apply the voltage shown below between cathode of D517 on D board and GND, and confirm that the HV HOLD DOWN circuite works. (TV Raster disappears)

  Standard voltage : $35.70\ ^{+0.00}_{-0.02}$ V DC

  Check Condition

  - Input voltage : 120 ± 2 V AC
  - Input signal : Cross hatch (white lines on black) at 69kHz (Primary Mode)
  - Beam control : CONT, BRT ; minimum "0 "

- **Beam Current Protector Check**

  An ammeter in series between FBT 11 pin on D board and GND, then, decrease gradually the resistance of the variable resistor from maximum to minimum, and confirm that the Beam Current Protector Circuite works (TV Raster disappears). The current must be within the range shown below.

  - Standard current : $1.70\ ^{+0.00}_{-0.10}$ mA

  Check Condition

  - Input voltage : 120 ± 2 V AC
  - Input signal : Cross hatch (white lines on black) at 69kHz
  - Beam control : CONT, BRT ; minimum "0"

- **B+ Voltage Check**

  Standard voltage : 179.0 ± 3.0 V DC

  Check Condition

  • Input voltage : 120 V AC

  Note :Use NF power supply or make sure that distortion factor is 3% or less.

  • Input signal : Cross hatch (White lines on black) at 68.7 kHz

  • Beam control : CONT : 255 (max), BRT : 255 (max)

SECTION 3
ADJUSTMENTS

• Landing Rough Adjustment

1. Enter the full white signal. (or the full black dots signal)
2. Set the contrast to “CONT”=MAX.
3. Make the screen monogreen.

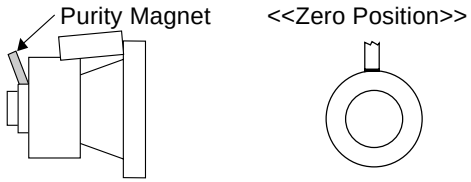
Note: Off the outputs from R ch and B ch of SG.

4. Reverse the DY, and adjust coarsely the purity magnet so that a green raster positions in the center of screen.
5. Adjust the "H.CENTER" with the H CENTER Switch. (S501 on the D board)
6. Moving the DY forward, adjust so that an entire screen becomes monogreen.
7. Adjust the tilt of DY, and fix lightly with a clamp.

Note: “TILT” shall be set at 0

• Landing Fine Adjustment

1. Put the set inside the Helmholtz coil.
2. Set the TLH to the Zero position.
3. Receive the single green signal.
4. Demagnetize the CRT surface with the hand degausser , and perform auto degaussing.
5. Attach the wobbling coil to the designated part of the CRT neck.
6. Attach the sensor of the landing adjustment unit on the CRT surface.



Purity magnet position

L/D control specification

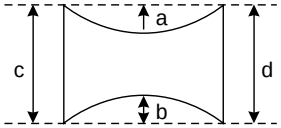
± 3	± 7.5	± 3
± 3	± 7.5	± 3
± 3	± 7.5	± 3

7. Adjust the DY position and purity, and the DY tilt.
8. Fasten DY with screw.

Note:Torque 22 ±2kgcm (2.2 ± 0.2 Nm)

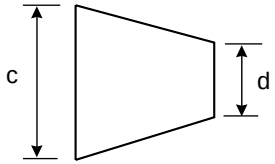
Perform auto degaussing.

9. Adjust each top and bottom pins by two wedges and then not swing DY neck right and left. (When fixing DY with wedges, insert wedges completely so that the DY does not shake.)



"a" and "b" must be equal.

10. Adjust the top and bottom pins with the TB.PIN VR completely. And ajust the V.Size simulation.
11. Adjust the V.key (=H.Trapxoid) with the H-Trp VR so that [a] become equol to the [b]



12. If the corner is not within the standards, adjust disc magnet to satisfy L/D adjustment standards.

Note:

(1) When necessary to paste magnets more than 2 pieces, be careful that the convergence and the distortion would be alterable.

(2) Paste within 80 to 120 mm from the DY on the diagonal line of the magnet.

13. If using the magnet, be sure to demagnetize with the degausser and check.
14. Remove the sensor and wobbling coil.
15. Fix the purity magnet paisted on the DY with the white pen.Fix it with the RTV.

• Convergence Rough Adjustment

1. Enter the white crosshatch signal (white lines on black).
2. Adjust roughly the horizontal and vertical convergence at four-pole magnet.
3. Adjust roughly HMC and VMC at six-pole magnet.

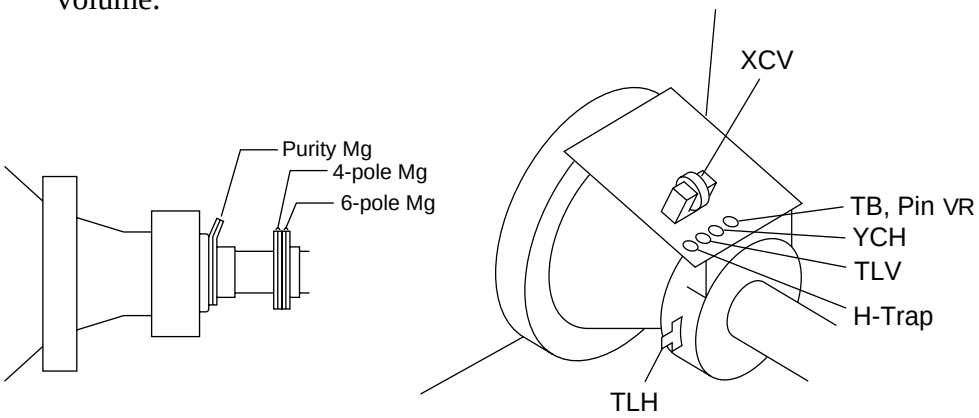
• Convergence Adjustment

< **Static convergence** >

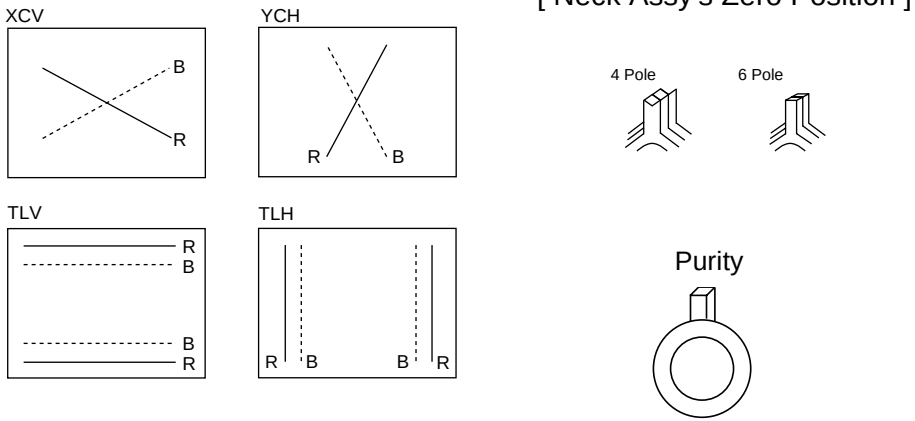
1. Change the "CONV SW" to 0.
2. Receive the crosshatch of R and B. (on black)
3. Adjust H. STAT and V. STAT with 4 pole magnet.
4. Recieve the white crosshatch signal.(White line on black)
5. Adjust HMC and VMC with the 6 pole magnet.
6. Recieve the crosshatch of R and B. (on black)

Note: Adjust H. STAT and V. STAT in the beggining by 4 pole magnet not adjust them by register immediately.

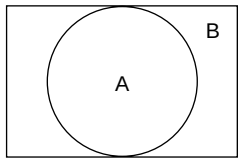
7. If necessary, the 3-6 procedures.
8. Change the "CONV SW" to 6. then set the following registers to 0.
   "YBH_T_HI", "TBH_T_LO"
   "YBH_B_HI", "YBH_B_LO"
   "VSTAT_T_HI", "VSTAT_T_LO"
   "VSTAT_B_HI""VSTAT_B_HI"
9. Adjust the H Static and V Static with the register "HSTAT_HI" and "VSTAT_HI". (These registers should be within the limit between -40 and +40.)
10. Insert to TLH correction board and correct H. TILT.
11. Adjust XCV with the XCV volume.
12 Adjust YCH with the YCH volume.
13 Adjust V. TILT with the TLV-VR.
14. If necessary, repeat the 1-13 procedures to get the most suitable convergence pattern.
15. Paint lock TLH corection board, neck assy 4, 6 pole magnet and XCV volume.



[Neck Assy's Zero Position]



• Convergence Specification



MODE	All mode
A	0.20 mm
B	0.24 mm

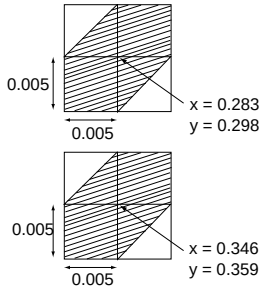
• White Balance Adjustmen Specification

(1) 9300K

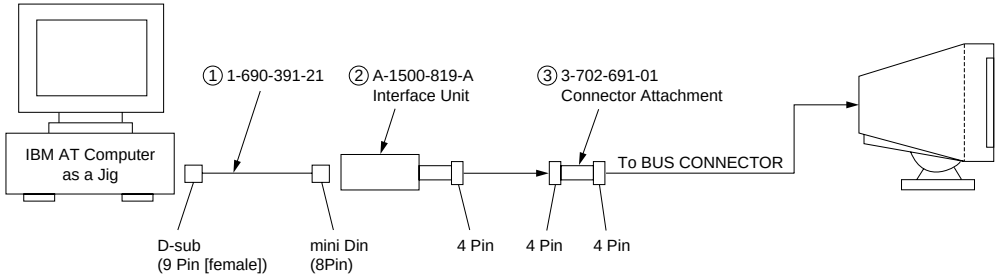
Part of shadow line for the right figure.

(2) 5000K

Part of shadow line for the right figure.

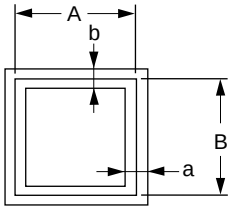


Connect the communication cable of the computer to the connector located on the D board. Run the service software and then follow the instruction.



*The parts above (① ～ ③) are necessary for DAS adjustment.

• Vertical and Horizontal Position and Size Specification

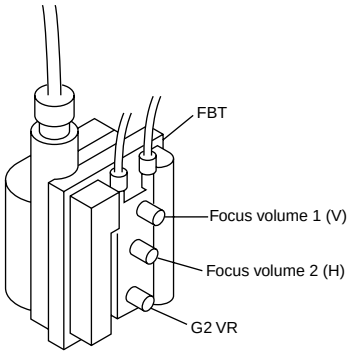


MODE	All mode
A	352 mm
B	264 mm

a ≦ 1.8 mm
b ≦ 1.8 mm

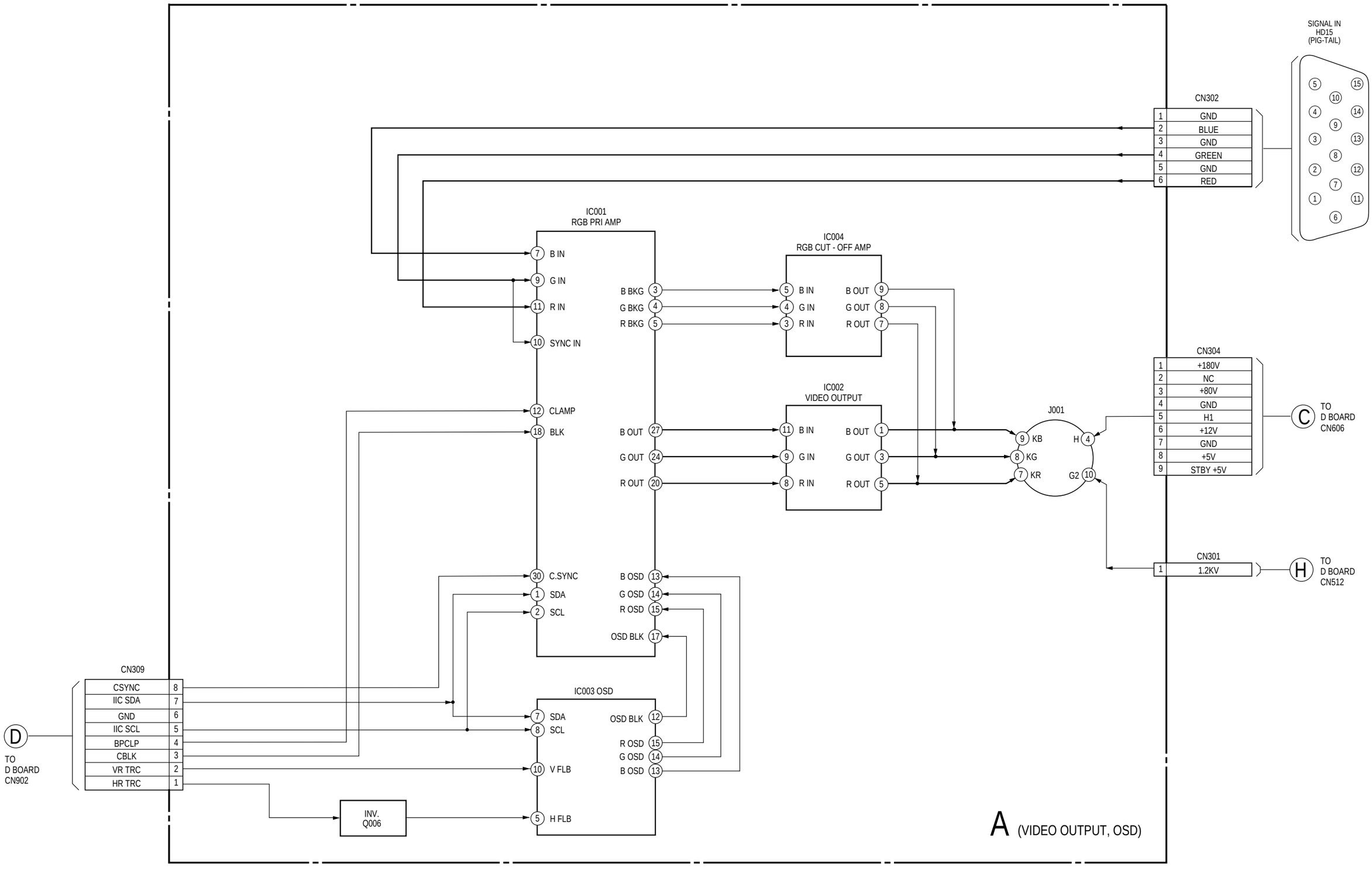
• Focus rough adjustment

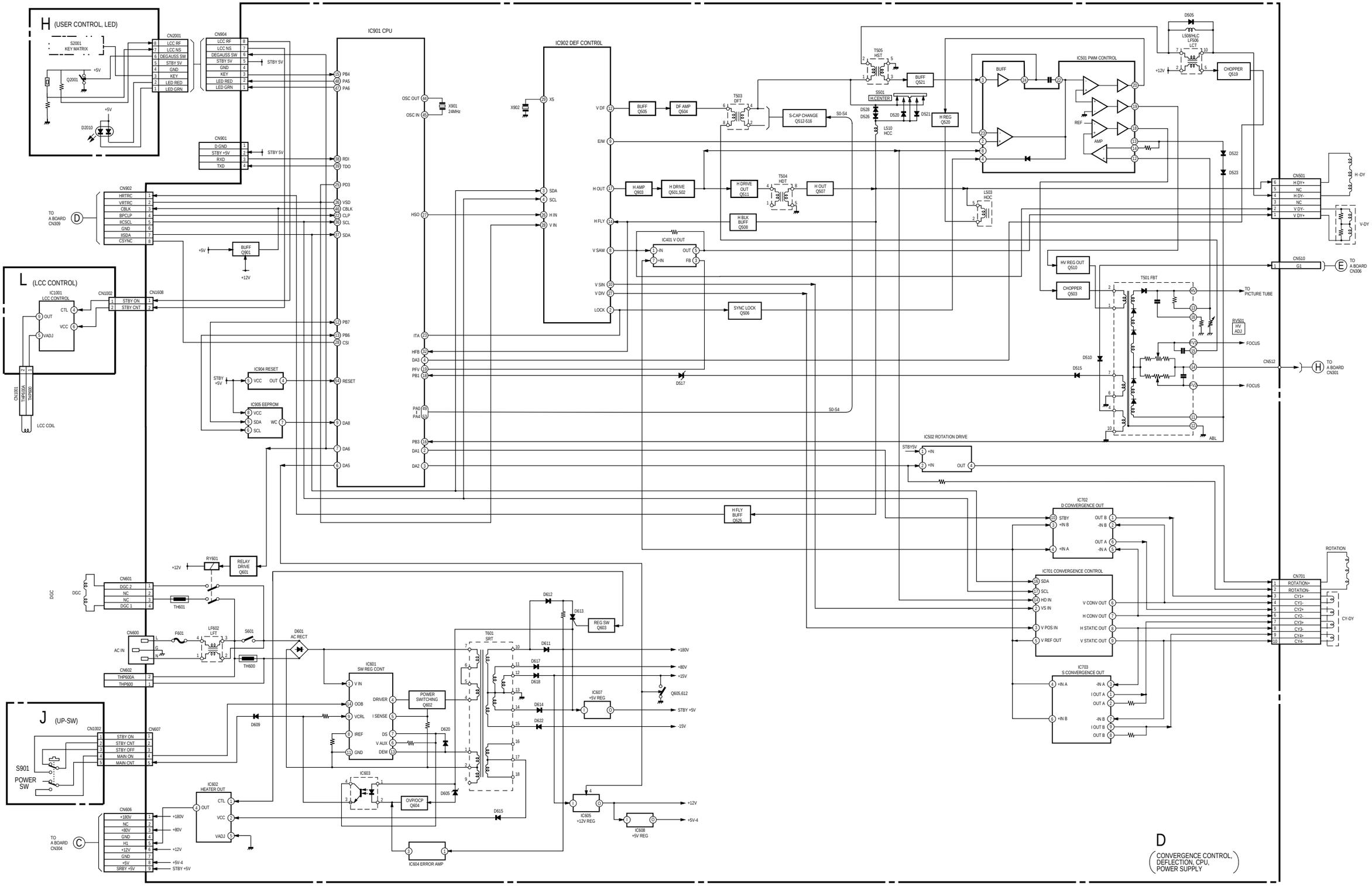
1. Receive the mE pattern signal. (black characters on green)
2. Adjust the H FOCUS of the screen corner with Fcous VR in the bottom of the FBT.
3. Receive the cross-hatch pattern signal .(green line on black)
4. Adjust the V FOCUS of the center and the y-axis with the FOCUS VR in the top of FBT.



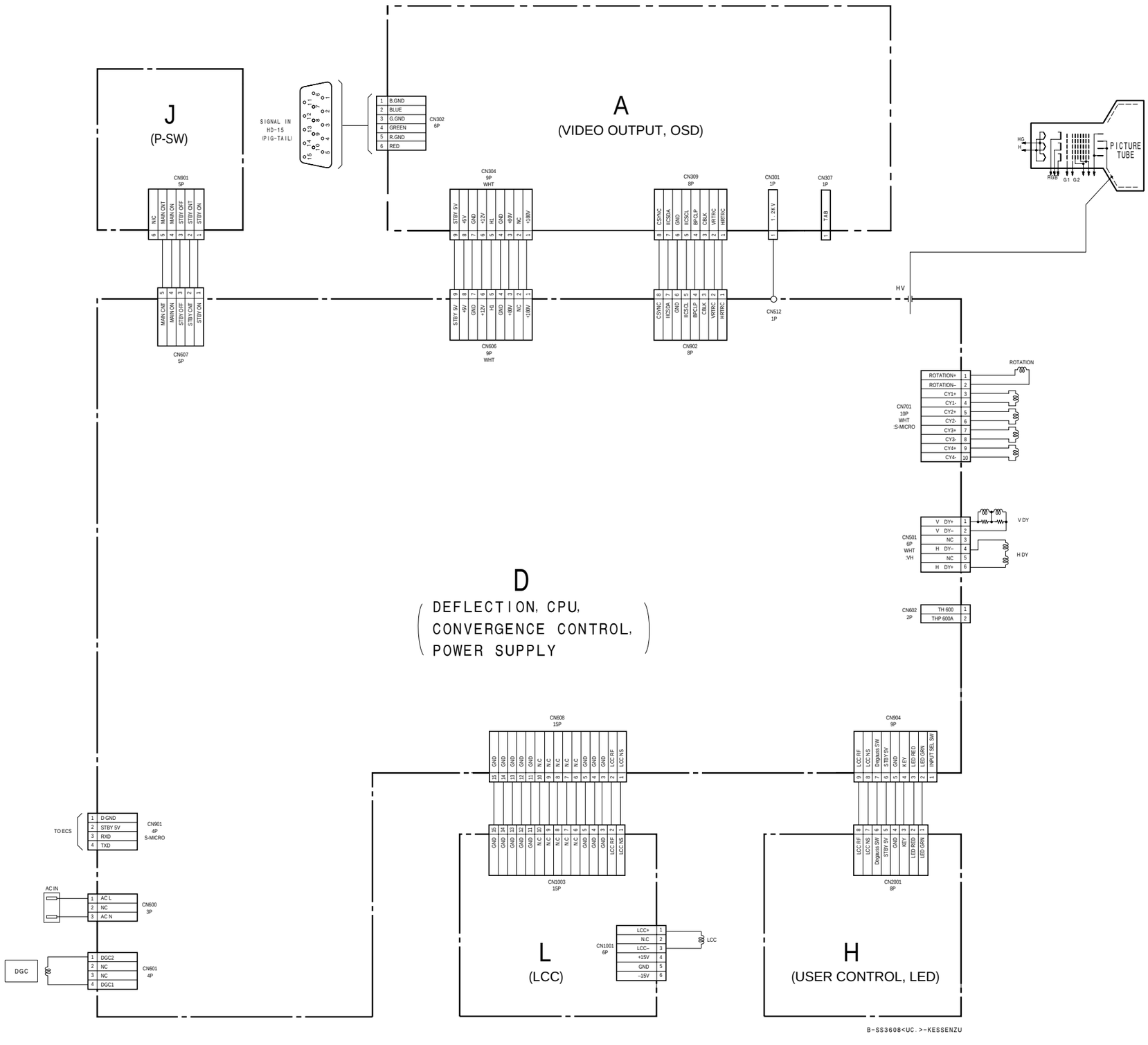
SECTION 4
DIAGRAMS

4-1. BLOCK DIAGRAMS

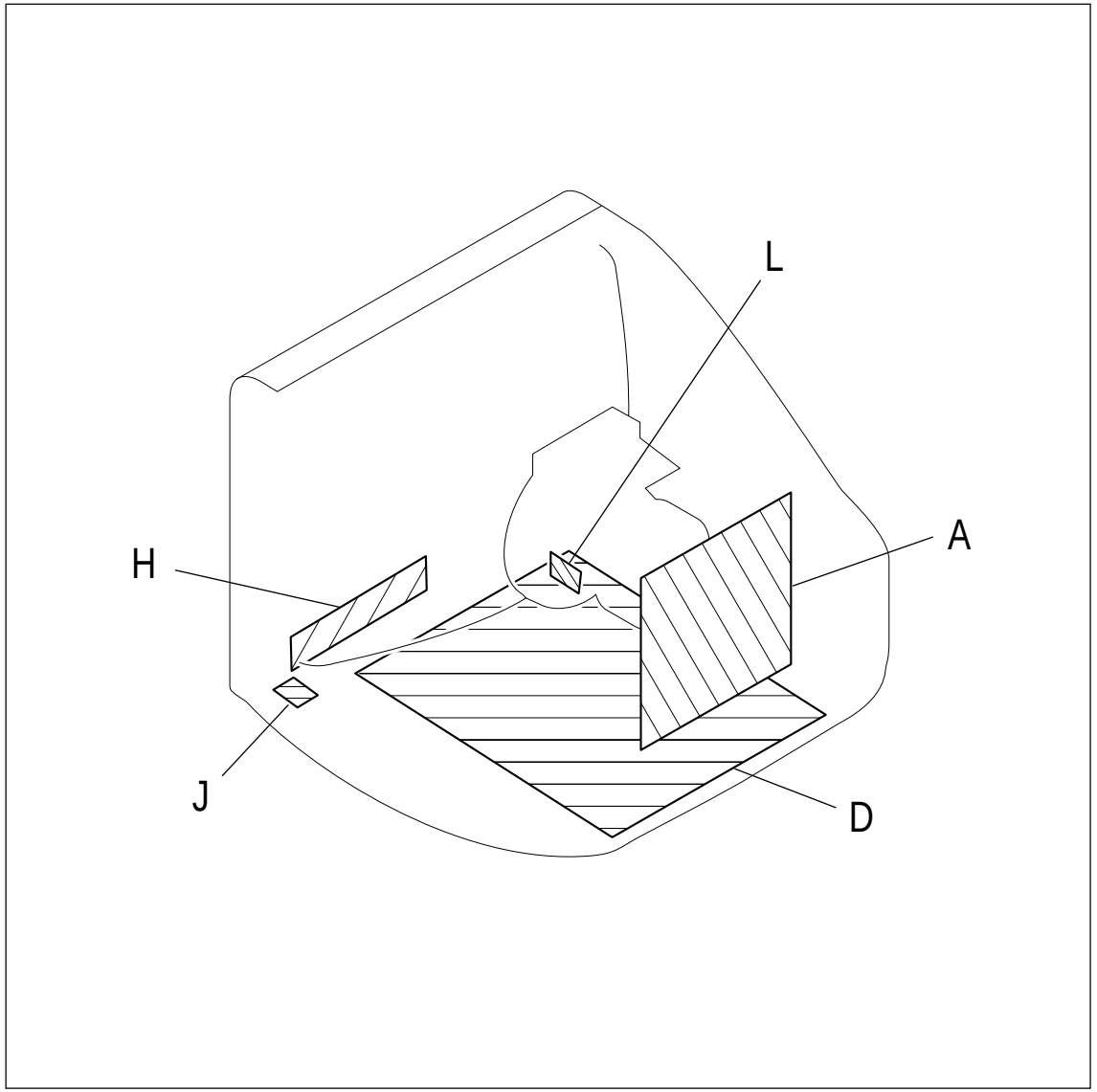



H (USER CONTROL, LED)
S2001 KEY MATRIX
Q2001
D2010
CN2001
CN904
CN901
CN902
TO A BOARD CN309
BUFF Q901
L (LCC CONTROL)
IC1001 LCC CONTROL
CN1002
CN1608
CN1001 TH450/A TH450
LCC COIL
IC904 RESET
IC905 EEPROM
IC901 CPU
X901 24MHz
X902
IC902 DEF CONTROL
H OUT
HSO
H FLY
V SAW
V SIN
V DIV
LOCK
ITA
HFB
DA3
PFV
PB1
PA0
PA4
PB3
DA1
DA2
DA8
DA6
DA5
RESET
PB4
PA5
PA6
PB7
PB6
CSI
RDI
TDO
PD3
VSD
CBLK
CLP
SCL
SDA
BUFF Q505
DF AMP Q504
S-CAP CHANGE Q512-516
H AMP Q903
H DRIVE Q501,502
H DRIVE OUT Q511
H OUT Q507
H BLK BUFF Q508
IC401 V OUT
SYNC LOCK Q506
D517
S0-S4
H FLY BUFF Q525
T503 DFT
T504 HDT
T505 HST
BUFF Q521
S501 H.CENTER
D526
D528
D520
D521
L510 HCC
H REG Q520
L503 HOC
IC501 PWM CONTROL
BUFF
REF
AMP
D505
L508/HLC
LF506
LC7
CHOPPER Q519
+12V
D522
D523
CN501
H DY+
NC
H DY-
NC
V DY-
V DY+
H -DY
V-DY
CN510
G1
TO A BOARD CN306
HV REG OUT Q510
CHOPPER Q503
T501 FBT
TO PICTURE TUBE
RV501 HV ADJ
FOCUS
D510
D515
CN512
TO A BOARD CN301
ABL
IC502 ROTATION DRIVE
STBY5V
IC702 D CONVERGENCE OUT
IC701 CONVERGENCE CONTROL
IC703 S CONVERGENCE OUT
CN701
ROTATION
CY-DY
RELAY DRIVE Q601
RY601
CN601
DGC
TH601
CN600
AC IN
F601
LF602 LFT
S601
TH600
CN602
D601 AC RECT
T601 SRT
D612
D613
REG SW Q603
D611
D617
D618
D614
D622
IC601 SW REG CONT
POWER SWITCHING Q602
D620
D609
IC603
OVP/OCP Q604
D605
D615
IC607 +5V REG
IC605 +12V REG
IC608 +5V REG
Q605,612
IC604 ERROR AMP
+180V
+80V
+15V
STBY +5V
-15V
+12V
+5V-4
J (UP-SW)
S901 POWER SW
CN606
TO A BOARD CN304
D CONVERGENCE CONTROL, DEFLECTION, CPU, POWER SUPPLY

4-2. FRAME SCHEMATIC DIAGRAM



4-3. CIRCUIT BOARDS LOCATION



4-4. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS

Note:

- All capacitors are in µF unless otherwise noted. (pF: µµF)
  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

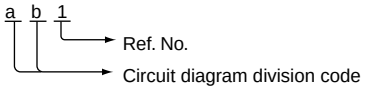
  Rating electrical power 1/4 W (CHIP : 1/10 W)

- All resistors are in ohms.
- : nonflammable resistor.
- : fusible resistor.
- △ :internal component.
- : panel designation, and adjustment for repair.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- : 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 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 ⚠ are critical for safety. Replace only with part number specified.

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

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



	Part Replaced (⋈)
HV ADJ	RV501

	Part Replaced (◪)	
HV Regulator Circuit Check	D board	IC501, C532, C534, C539, C553, C554, C555, C556, C558, C561, R540, R541, R542, R544, R564, R567, R568, RV501, T501 (FBT)
HV Protector Circuit Check	D board	IC607, IC901, D515, D517, C540, C542, C544, C951, R510, R543, R547, R549, R552, R595, T501 (FBT)
Beam Current Protector Circuit Check	D board	IC605, IC607, IC901, C535, C541, R545, R546, R548, R550, R596, R934, T501 (FBT)

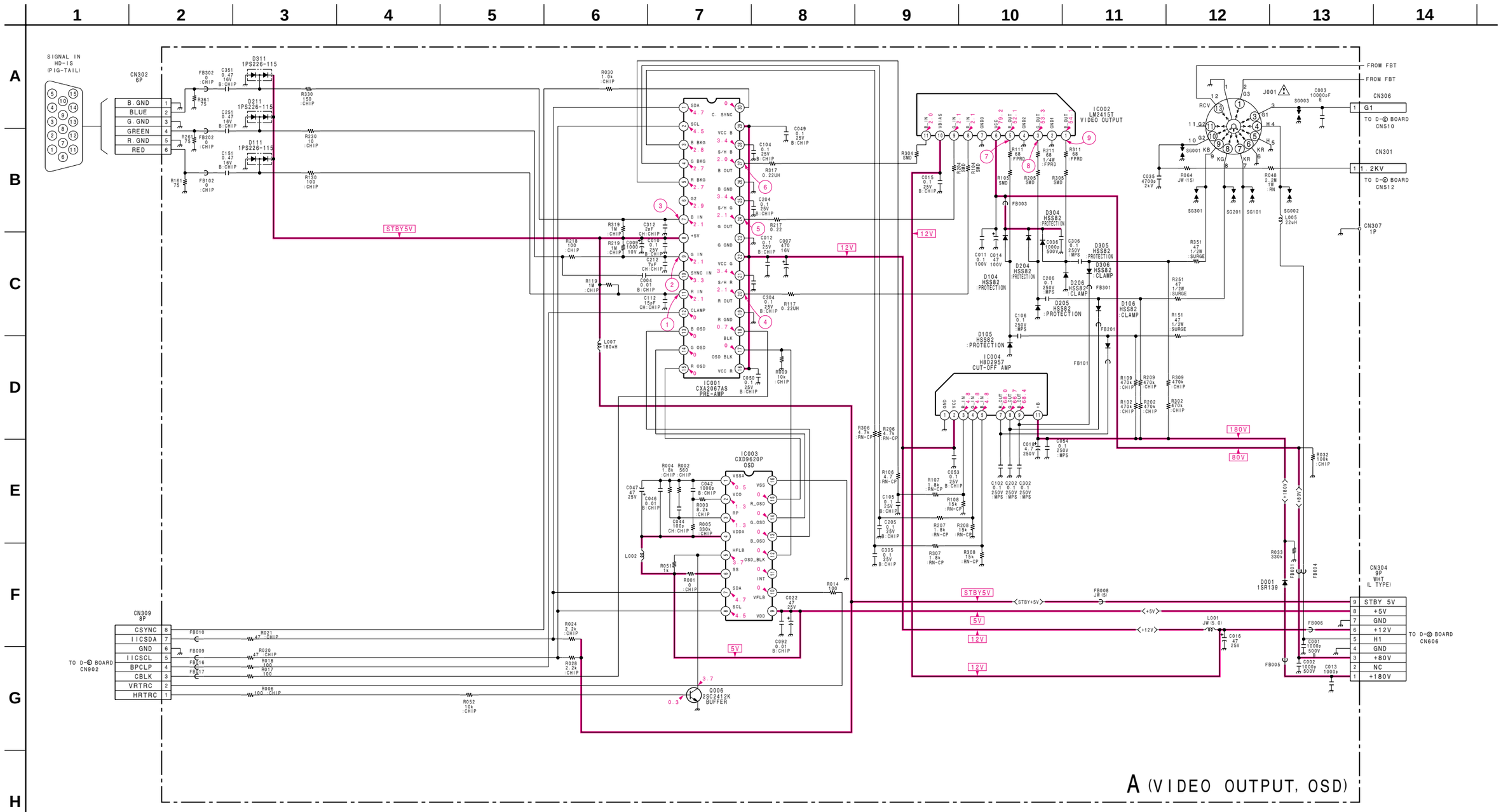
Terminal name of semiconductors in silk screen printed circuit (⁎)

	Device	Printed symbol	Terminal name	Circuit
①	Transistor	T	Collector / Base Emitter	
②	Transistor	—	Collector / Base Emitter	
③	Diode		Cathode — Anode	
④	Diode	T	Cathode / Anode (NC)	
⑤	Diode	—	Cathode / Anode (NC)	
⑥	Diode	T	Common / Anode Cathode	
⑦	Diode	—	Common / Anode Cathode	
⑧	Diode	T	Common / Anode Anode	
⑨	Diode	—	Common / Anode Anode	
⑩	Diode	T	Common / Cathode Cathode	
⑪	Diode	—	Common / Cathode Cathode	
⑫	Diode	|	Anode Anode Cathode / Cathode Anode Anode	
⑬	Transistor (FET)	|	Drain Source Gate	
⑭	Transistor (FET)	⊢	Drain Source Gate	
⑮	Transistor (FET)	|	□ Source □ Drain □ Gate	
⑯	Transistor	|	□ Emitter □ Collector □ Base	
—	Discrete semiconductot			

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

Ver.1.6

(1) Schematic Diagram of A Board

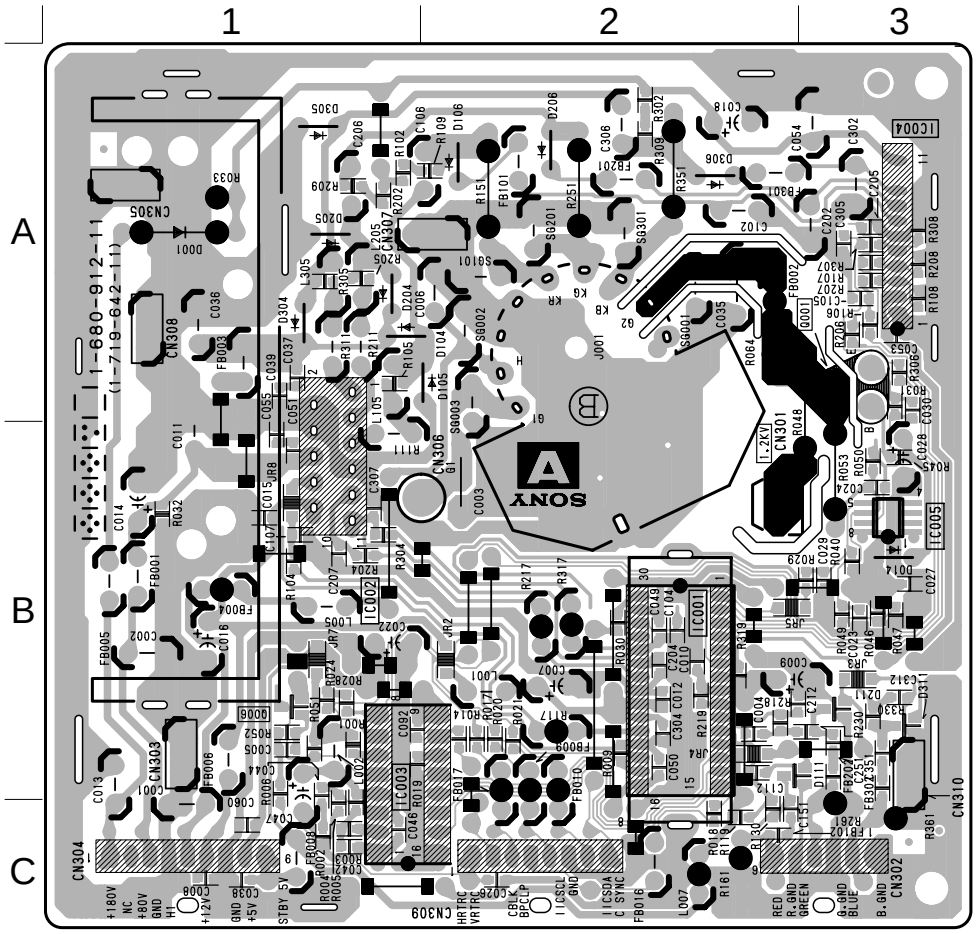


• **A BOARD WAVEFORMS**

①	②	③	④	⑤	⑥	⑦	⑧	⑨
0.9 Vp-p (H)	0.9 Vp-p (H)	0.9 Vp-p (H)	3.8 Vp-p (H)	3.6 Vp-p (H)	3.5 Vp-p (H)	49.8 Vp-p (H)	49.8 Vp-p (H)	49.8 Vp-p (H)

A [Video output,OSD]

— A BOARD —



NOTE:
The circuit indicated as left contains high voltage of over 600 Vp-p. Care must be paid to prevent an electric shock in inspection or repairing.

- **A BOARD SEMICONDUCTOR LOCATION**

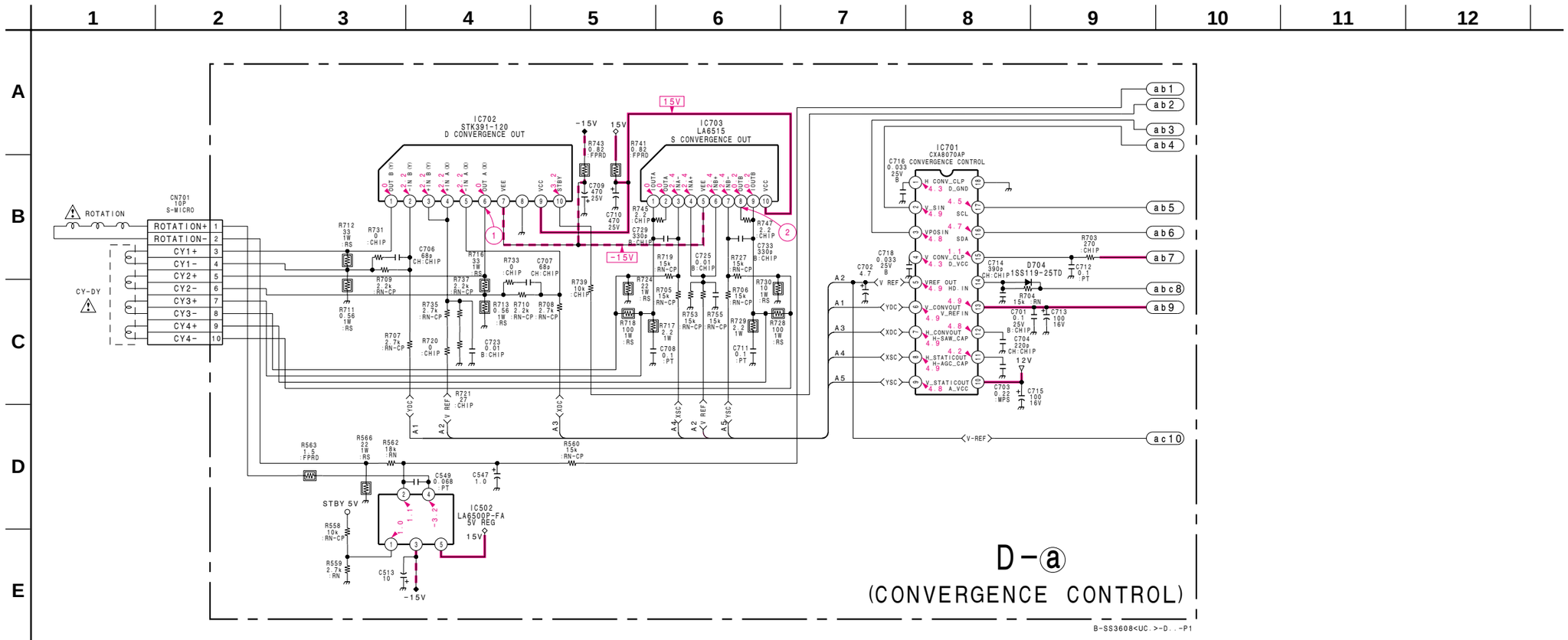
IC		
IC001	B-2	
IC002	B-1	
IC003	B-1	
IC004	A-3	
TRANSISTOR		
Q006	B-1	* ①
DIODE		
D104	A-1	-
D105	A-2	-
D106	A-2	-
D204	A-1	-
D205	A-1	-
D206	A-2	-
D304	A-1	-
D305	A-1	-
D306	A-2	-

***: Refer to Terminal name of semiconductors in silk screen printed circuit (see page 4-6)**

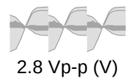
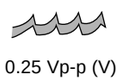
(2) Schematic Diagrams of D (ⓐ, ⓑ, ⓒ, ⓓ) Board

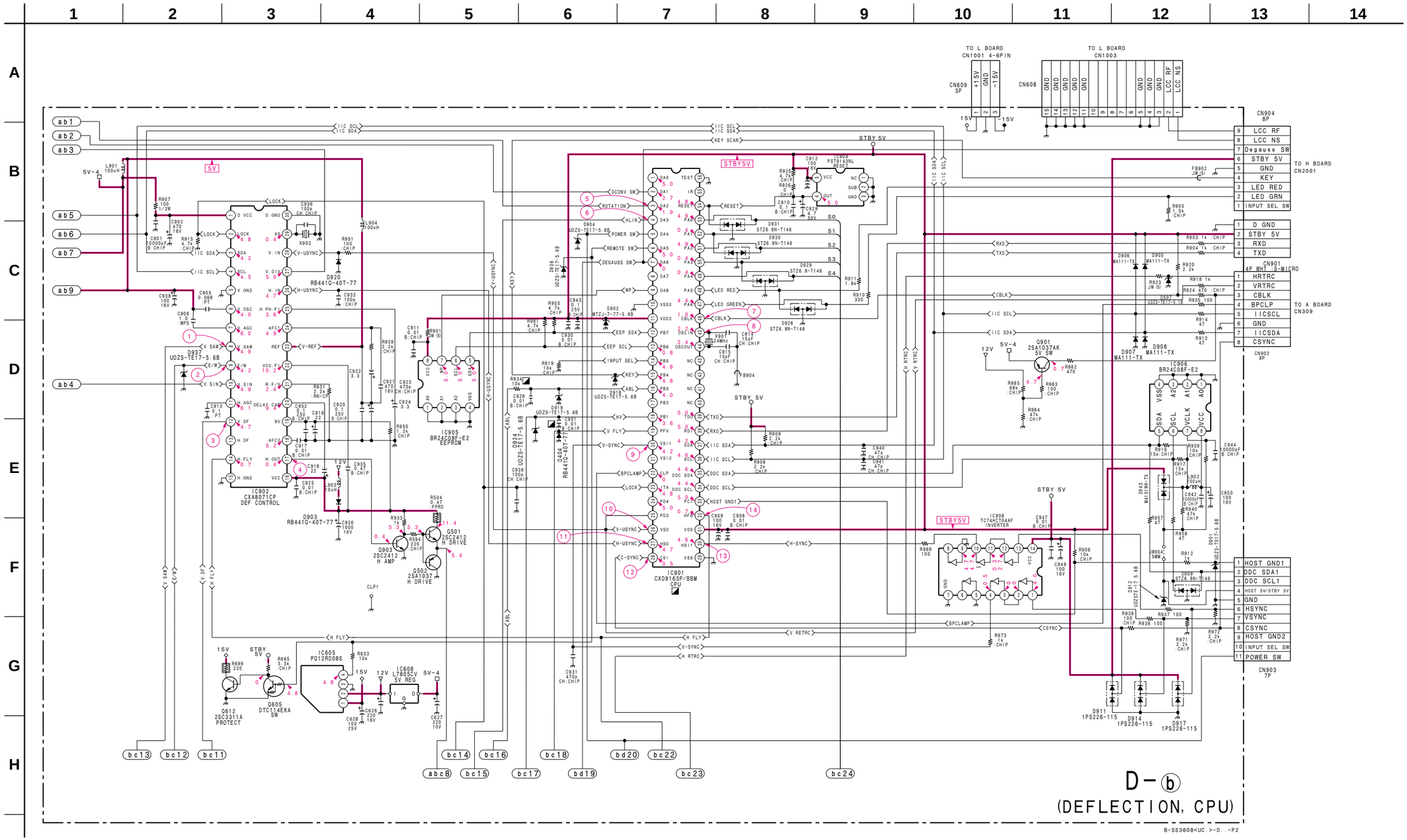
- Divided circuit diagram
  One sheet of D board circuit diagram is divided into three sheets, each having the code D-ⓐ to D-ⓒ. For example, the destination (ab1) on the code D-ⓐ sheet is connected to (ab1) on the D-ⓑ sheet.

a b 1
- 1 → Ref. No.
- b → Circuit diagram division code
- a → Circuit diagram division code



• **D - ⓐ BOARD WAVEFORMS**

①	②
	
2.8 Vp-p (V)	0.25 Vp-p (V)

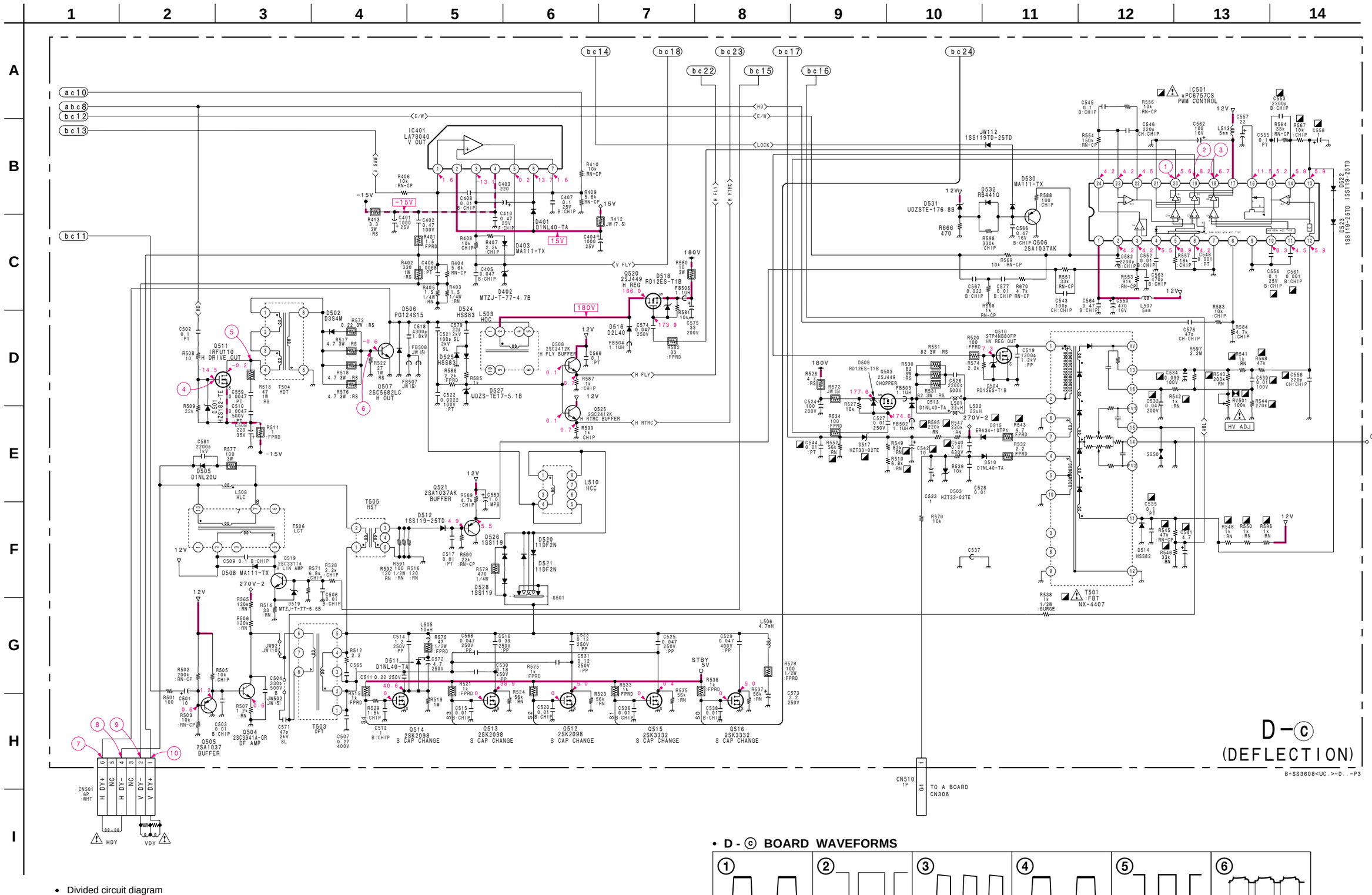


- Divided circuit diagram
  One sheet of D board circuit diagram is divided into three sheets, each having the code D-ⓐ to D-ⓒ. For example, the destination (ab1) on the code D-ⓐ sheet is connected to (ab1) on the D-ⓑ sheet.

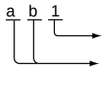
  a b 1
  - 1 → Ref. No.
  - b → Circuit diagram division code

- **D - ⓑ BOARD WAVEFORMS**

① 2.5 Vp-p (V)	② 0.4 Vp-p (V)	③ 0.9 Vp-p (V)	④ 0.8 Vp-p (H)	⑤ 4.5 Vp-p (H)	⑥ 3.9 Vp-p (H)	⑦ 3.8 Vp-p (H)
⑧ 3.0 Vp-p (24MHz)	⑨ 4.9 Vp-p (V)	⑩ 5.0 Vp-p (V)	⑪ 4.5 Vp-p (H)	⑫ 4.4 Vp-p (H)	⑬ 4.7 Vp-p (H)	⑭ 4.9 Vp-p (H)

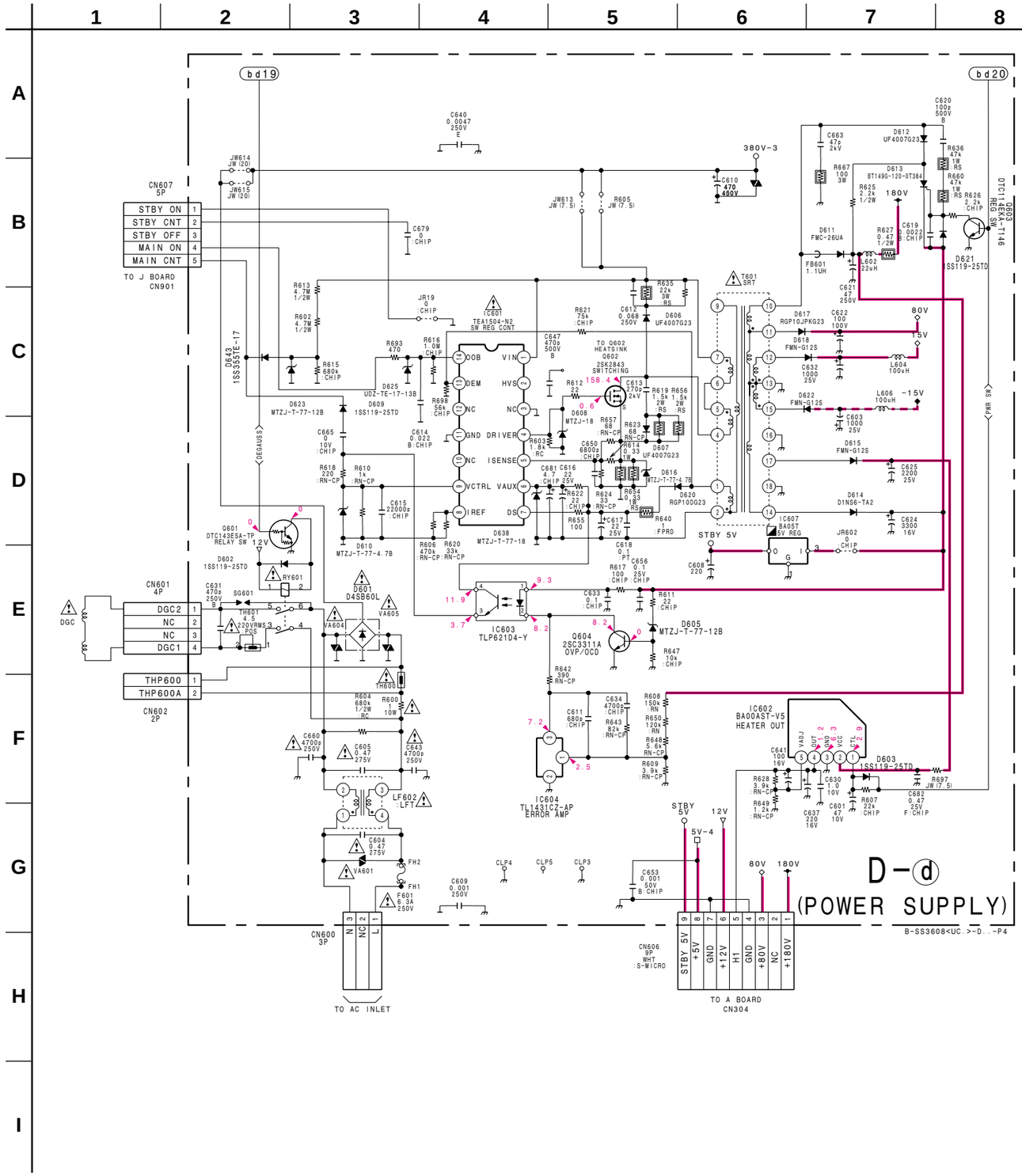


- Divided circuit diagram
  One sheet of D board circuit diagram is divided into three sheets, each having the code D-ⓐ to D-ⓒ. For example, the destination (ab1) on the code D-ⓐ sheet is connected to (ab1) on the D-ⓑ sheet.



- **D - ⓒ BOARD WAVEFORMS**

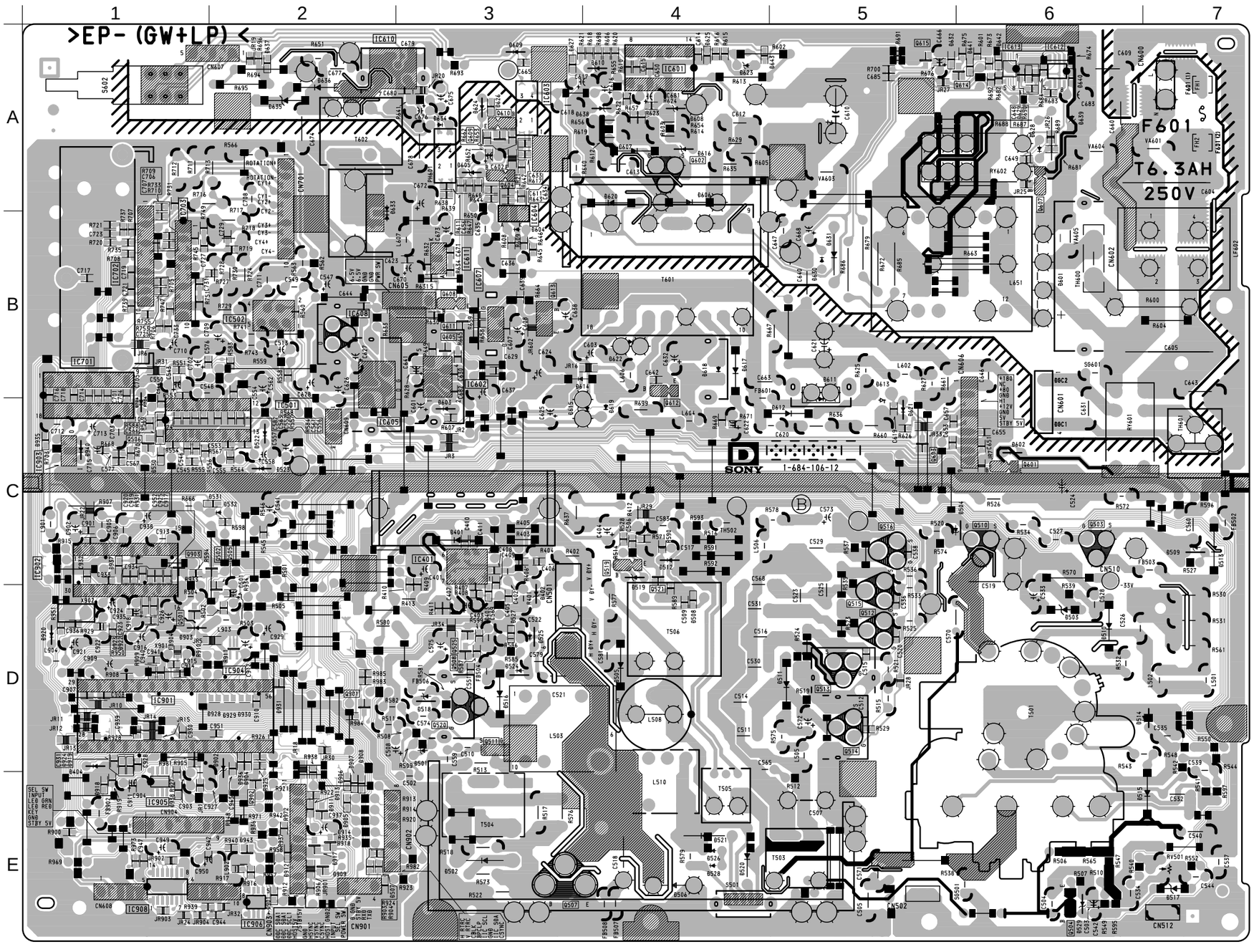
① 10.0 Vp-p (H)	② 10.7 Vp-p (H)	③ 10.7 Vp-p (H)	④ 9.8 Vp-p (H)	⑤ 31.2 Vp-p (H)	⑥ 10.6 Vp-p (H)
⑦ 950 Vp-p (H)	⑧ 81.6 Vp-p (H)	⑨ 1.8 Vp-p (V)	⑩ 54.8 Vp-p (V)		



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

a b 1
- 1 → Ref. No.
- a b → Circuit diagram division code

— D BOARD —



NOTE:
The circuit indicated as left contains high voltage of over 600 Vp-p. Care must be paid to prevent an electric shock in inspection or repairing.

- **D BOARD SEMICONDUCTOR LOCATION**

IC		
IC401	C-3	
IC501	C-2	
IC502	B-2	
IC601	A-4	
IC602	B-3	
IC603	A-3	
IC604	B-3	
IC605	B-2	
IC607	B-3	
IC608	B-2	
IC611	B-3	
IC701	A-1	
IC702	A-1	
IC703	B-1	
IC901	D-1	
IC902	C-1	
IC904	D-2	
IC905	E-1	
IC908	E-1	

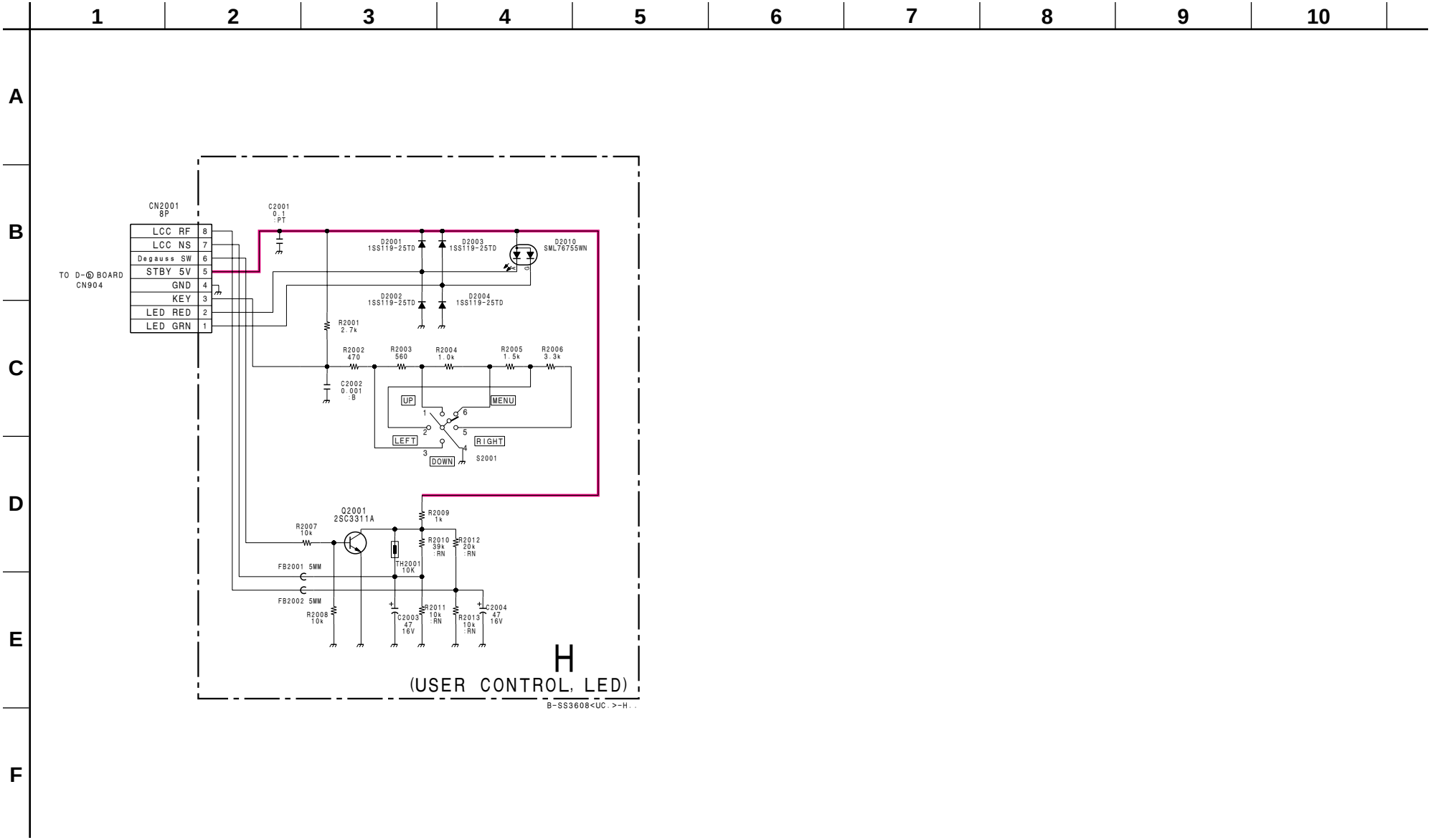
TRANSISTOR		
		*
Q501	D-1	①
Q502	D-2	①
Q503	C-6	-
Q504	E-6	-
Q505	D-2	①
Q507	E-3	-
Q508	D-3	①
Q510	C-6	-
Q511	E-3	-
Q512	D-5	-
Q513	D-5	-
Q514	D-5	-
Q515	D-5	-
Q516	C-5	-
Q519	C-4	-
Q520	D-3	-
Q521	C-4	-
Q522	C-1	①
Q524	C-1	①
Q525	D-3	①
Q601	B-2	-
Q602	A-4	-
Q603	C-5	①
Q604	A-3	-
Q605	B-3	①
Q607	A-4	-
Q612	C-4	-
Q901	D-2	①
Q903	C-1	①

DIODE		
		*
D401	C-3	-
D402	D-3	-
D403	D-3	③
D404	D-1	-
D501	D-3	-
D502	E-3	-
D503	D-6	-
D504	C-6	-
D505	D-4	-
D506	E-4	-
D507	E-2	③
D508	D-4	③
D509	C-1	③
D510	D-6	-
D511	D-5	-
D512	C-4	-
D513	C-7	-
D514	D-7	-
D515	E-7	-
D516	D-3	-
D517	E-7	-
D518	D-2	-
D519	C-4	-
D522	D-2	-
D523	E-3	-
D524	D-3	-
D525	D-3	-
D530	E-4	-
D531	E-4	-
D601	B-6	-
D602	C-6	-
D603	C-3	-
D605	A-3	-
D607	A-4	-
D608	A-4	-
D609	A-3	-
D610	A-4	-
D611	B-5	-
D612	C-5	-
D613	B-5	-
D614	B-4	-
D616	A-4	-
D617	C-4	-
D618	C-4	-
D619	C-4	-
D620	A-4	-
D621	C-5	-
D622	B-4	-
D623	A-4	-
D625	A-4	③
D628	A-5	-
D629	A-4	-
D630	B-5	-
D633	B-2	-
D634	A-3	-
D635	A-2	-
D636	A-2	-
D638	A-4	-
D704	D-4	-
D901	E-2	③
D902	E-2	-
D903	D-1	-
D904	D-2	③
D905	E-2	③
D906	E-2	③
D907	E-2	③
D908	E-2	-
D909	E-2	⑩
D913	E-2	③
D918	E-1	③
D919	D-1	③
D920	D-1	-
D924	D-1	③
D928	D-2	⑩
D929	D-2	⑩
D930	D-2	⑩
D936	D-2	③
D937	C-1	③
D938	E-1	-

VARIABLE RESISTOR	
RV501	E-7

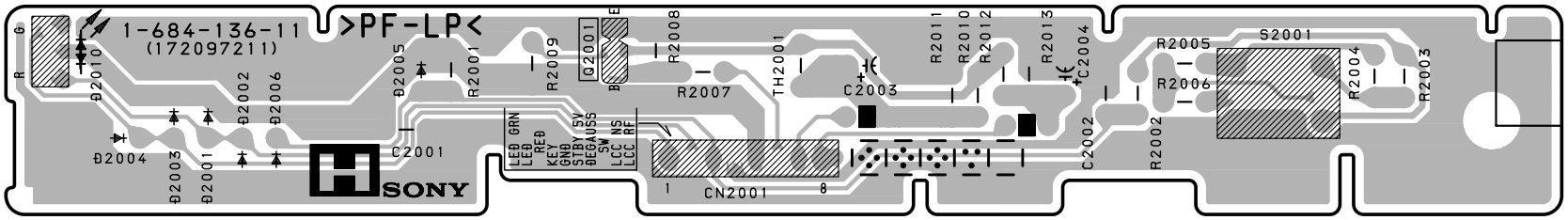
∗: Refer to Terminal name of semiconductors in silk screen printed circuit (see page 4-5)

(3) Schematic Diagram of H Board

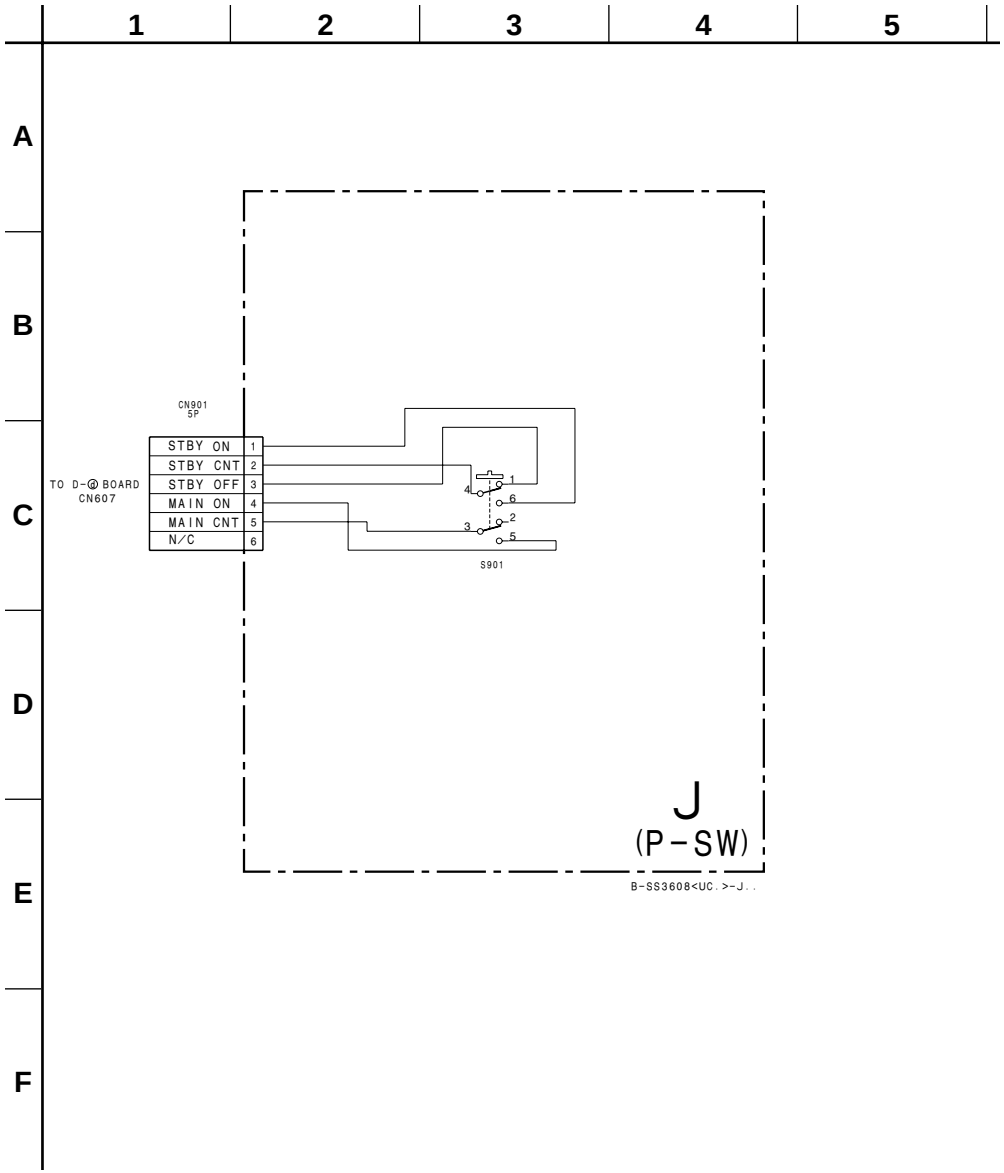


H ［USER CONTROL, LED］

— H BOARD —

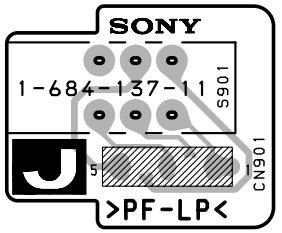


(4) Schematic Diagram of J Board

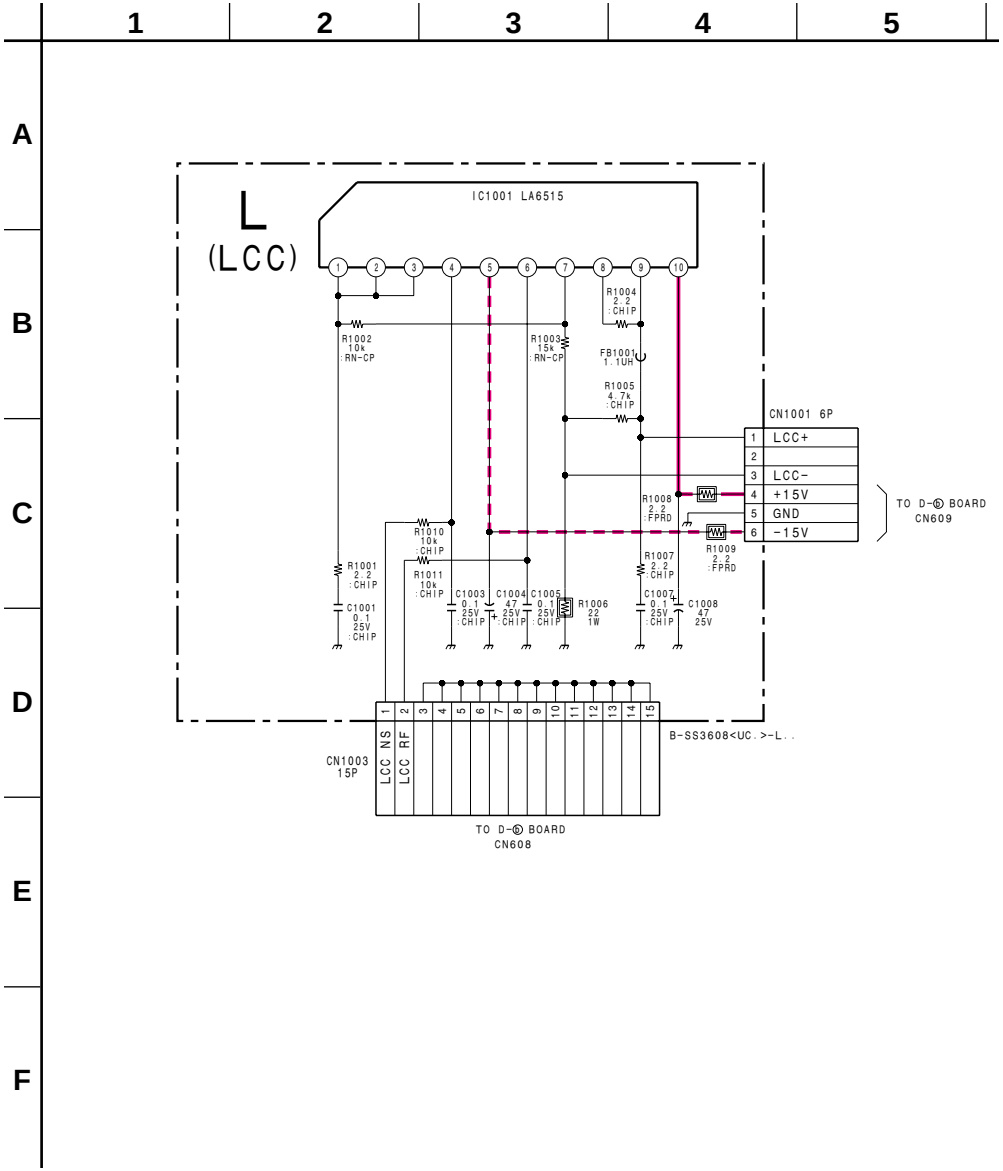


J [SW]

— J BOARD —

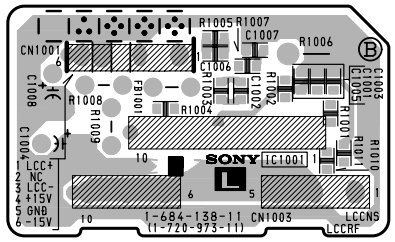


(5) Schematic Diagram of L Board



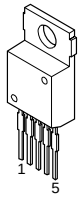
L [LCC]

— L BOARD —

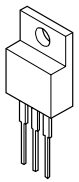


4-5. SEMICONDUCTORS

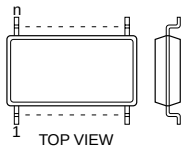
BA00AST-V5
LA6500-FA



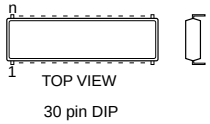
BA05T
TA7805S



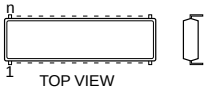
BR24C08F-E2



CXA2067AS
CXA8071CP



CXA8070AP



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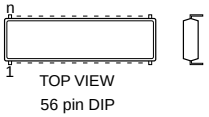
ST72T75/N9B1/BBM



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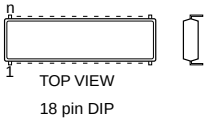

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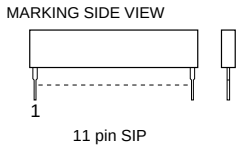

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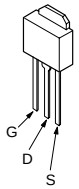
IRU110A



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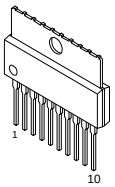
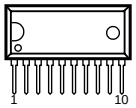
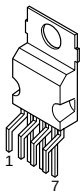


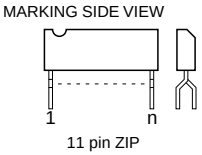
LA6515



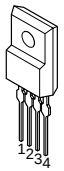
LA78040



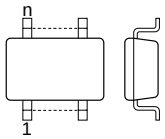
LM2415T



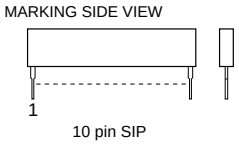
PQ12RD8S



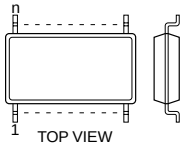
PST9143NL



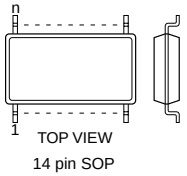
STK391-12



TC74HCT04AF(EL)



TEA1504-N2



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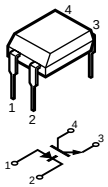
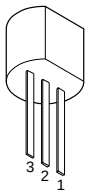
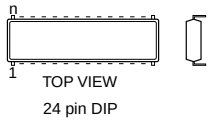


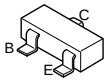
TL1431CZ-AP



UPC5021-109
UPC6757CS



DTC114EK
PDTA114EK-116
PDTC114EK-115
2SA1037AK-T146-R
2SC1623-L5L6



DTC143ESA
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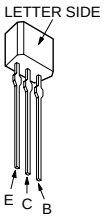
2SC3311A-QRSTA



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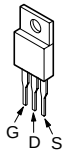
2SK2098-01MR-F119
2SK2605LBSONY



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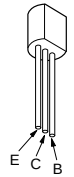
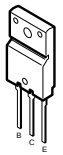


2SC5682-SONY-CA



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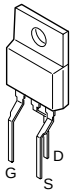
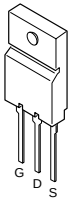
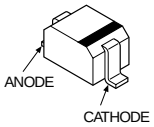


2SK3155-01

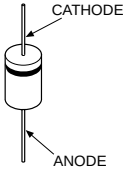


BT149G-112-0T38

DTZ13B
DTZ-TT-11-6.8B
DTZ6.8B
HZU5.6B2TRF
MA111-TX
PDZ5.6B-115
UDZ-TE-17-5.1B
UDZ-TE-17-5.6B
1SS355TE-17



D1NL20U
UF4007G23



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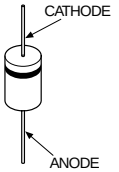
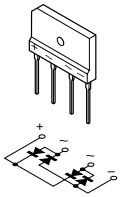
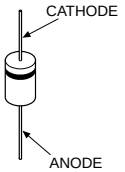
D1NL40-TA2
D1NS6
HSS82-TJ
HSS83TD
RGP02-20EL-6394
RGP10JPKG23



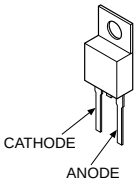
D2L40-TA
D4SB60L



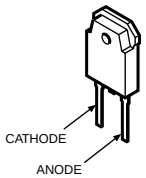
ERC81-004
RH-1A
1SS133T-77
11DF2N-TA2B2



FMC-26UA
FMN-G12S



FMQ-G5FMS



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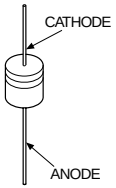
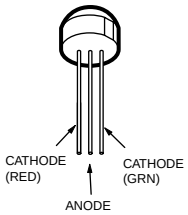
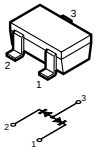
MTZJ-T-77-12
RB441Q-40T-77
RD-2ESB1
RD12ES-B2
RD18ESB
RD18ES-B2
RD4.7ESB2
RD5.6ESB2
1SR139-400T31
1SS119-25



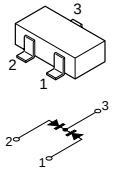
SML76755WNTP15



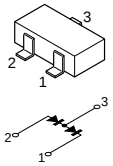
STZ6.8N-T146



1SS184



1PS226-115



SECTION 5
EXPLODED VIEWS

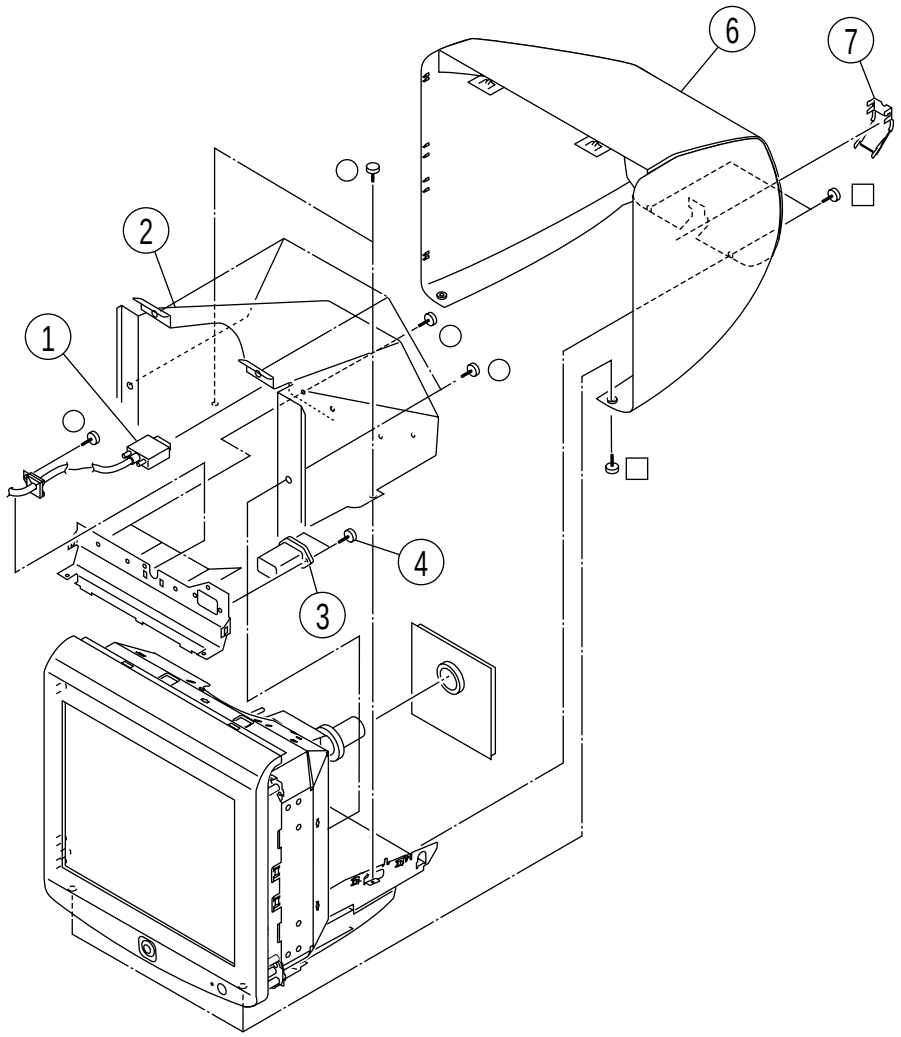
- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

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

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

5-1. CABINET

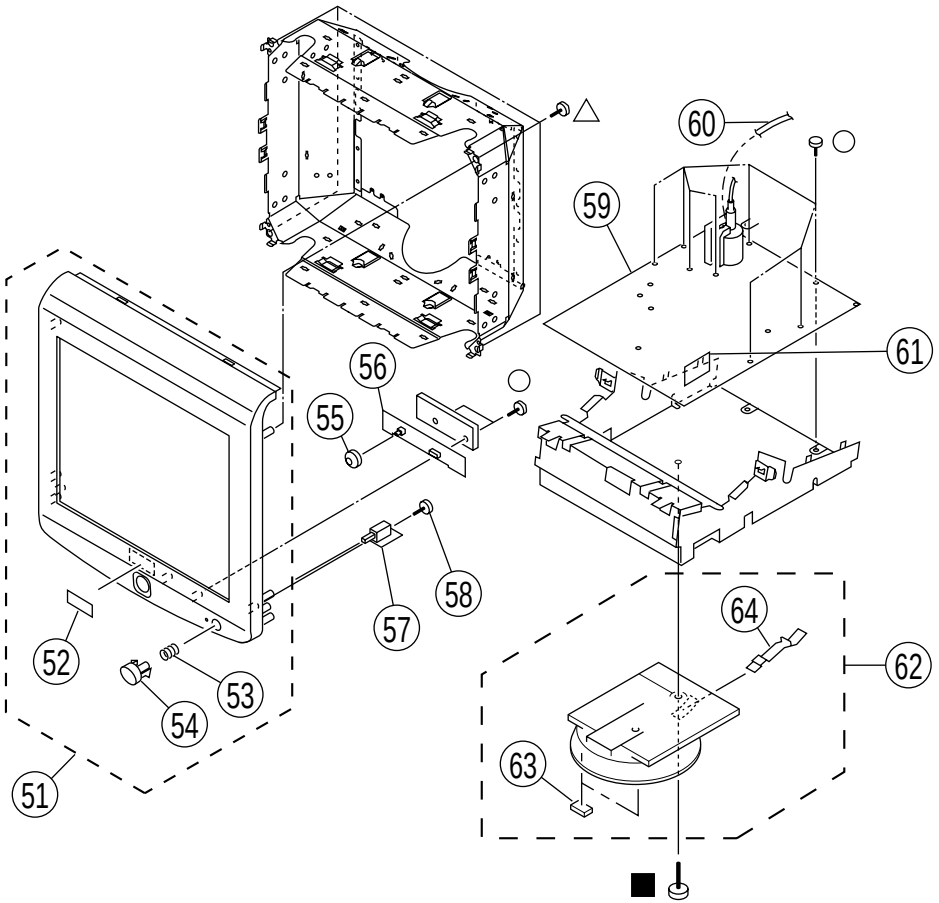
○ **7-685-647-71 +BVTP 3X10**
□ **7-685-663-71 +BVTP 4X16**



REF.NO.	PART NO.	DESCRIPTION	REMARK
1	1-757-472-51	CABLE ASSY (15 DSUB CONNECTOR)	
2	X-4039-834-1	SHIELD ASSY, EMI	
3	⚠1-251-382-31	INLET, AC 3P (WITH NOISE FILTER)	
4	4-052-345-01	SCREW, (3X8) (+K), TAPPING	
5	* A-1300-170-A	A BOARD, COMPLETE	
6	X-4039-831-1	CABINET ASSY	
7	4-086-908-01	COVER, CABLE	

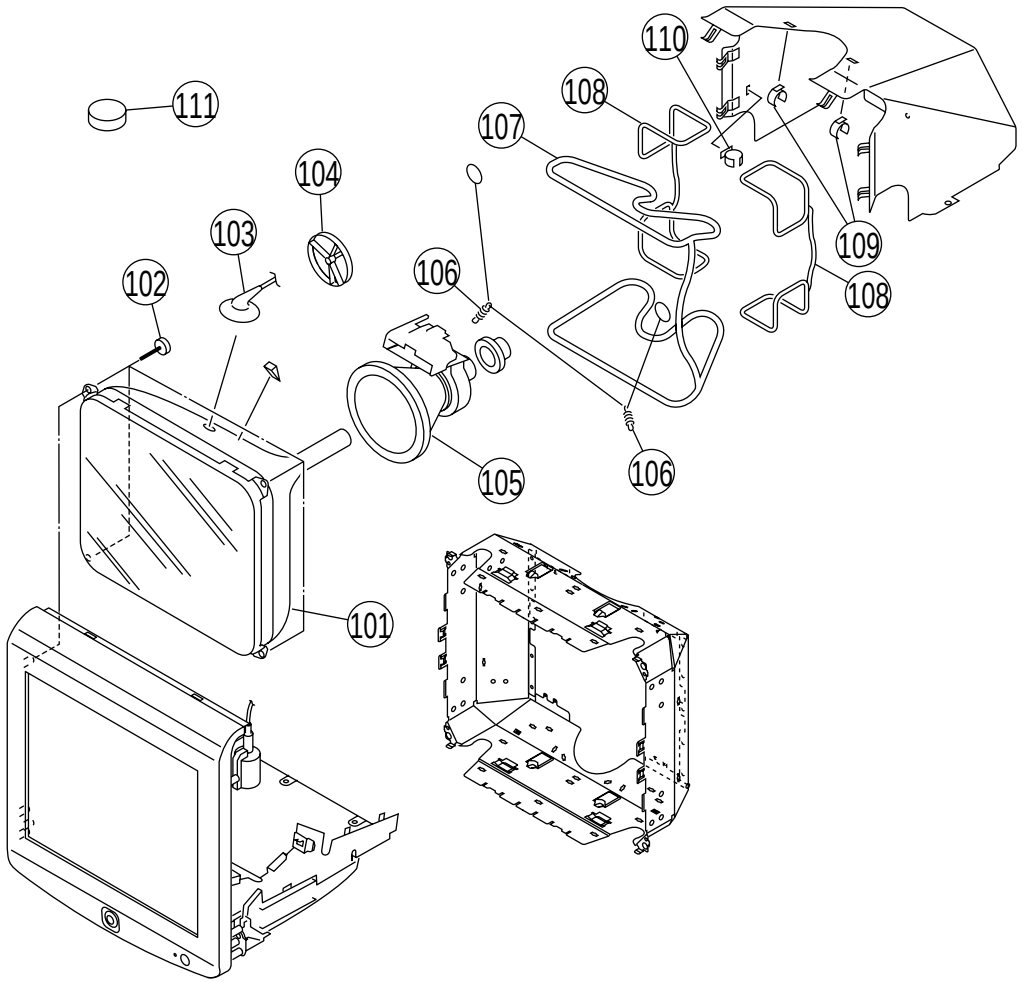
5-2. CHASSIS

○ **7-685-647-71 +BVTP 3X10**
■ **7-685-647-79 +BVTP 3X10**
△ **7-685-881-09 +BVTP 4X8**



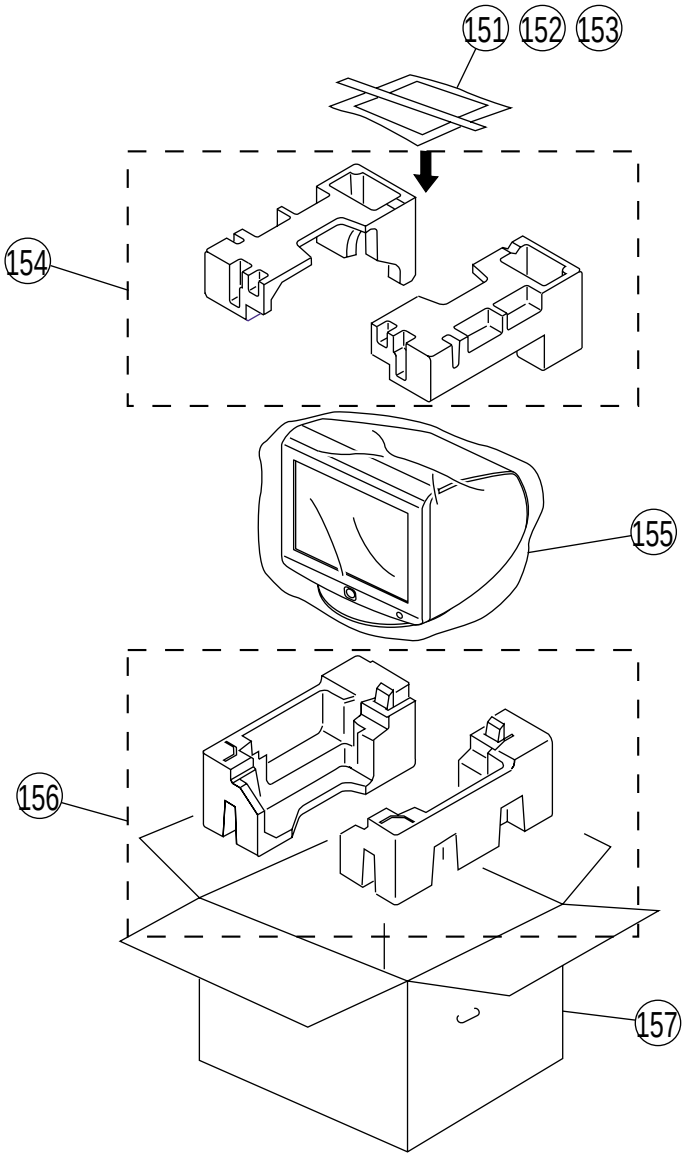
REF.NO.		PART NO.	DESCRIPTION	REMARK
51		X-4039-830-4	BEZEL ASSY	52-54
52		4-044-932-31	EMBLEM (NO. 8), SONY	
53		4-077-037-02	SPRING, COMPRESSION	
54		4-086-076-01	BUTTON, POWER	
55		4-086-075-01	BUTTON, MENU	
56	*	A-1400-278-A	H BOARD, COMPLETE	
57	*	A-1400-279-A	J BOARD, COMPLETE	
58		4-046-797-01	SCREW (3X12), (+)BVTAP	
59	*	A-1300-171-A	D BOARD, COMPLETE	
60		1-900-805-55	WIRE ASSY, FOCUS LEAD	
61	*	A-1400-282-A	L BOARD, COMPLETE	
62		X-4039-832-3	STAND ASSY	63,64
63	*	4-060-533-01	CUSHION	
64		4-080-252-01	STOPPER	
65		4-080-491-01	RING, TILT	

5-3. PICTURE TUBE



REF.NO.	PART NO.	DESCRIPTION	REMARK
101	8-734-070-06	CRT 19TKC-R8	
102	4-365-808-01	SCREW (5), TAPPING	
103	1-251-642-13	CAP ASSY, HIGH-VOLTAGE	
104	3-704-372-31	HOLDER, HV CABLE	
105	8-451-518-41	DY Y19TKL-M3	
106	4-061-573-01	SPRING, TENSION	
107	1-419-285-21	COIL, DEGAUSSING	
108	1-419-129-51	COIL, LANDING CORRECTION	
109	4-041-021-11	HOLDER, DEGAUSSING COIL	
110	4-071-175-11	HOLDER, DGC	
111	1-452-032-00	MAGNET,DISC	

5-4. PACKING MATERIALS



REF.NO.		PART NO.	DESCRIPTION	REMARK
151		1-790-662-11	CORD SET, POWER	
152		1-790-881-11	CORD SET, POWER	
153		4-086-970-11	MANUAL, INSTRUCTION	
154	*	4-086-601-01	CUSHION, UPPER	
155	*	4-041-254-01	BAG, PROTECTION	
156	*	4-086-602-01	CUSHION, LOWER	
157	*	4-086-600-01	CARTON, INDIVIDUAL	

SECTION 6
ELECTRICAL PARTS LIST

NOTE:

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

Les composants identifiés par la marque ⚠ 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 ⋈ in this manual have been carefully factory-selected for each set in order to satisfy regulations regardin 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		A	CAPACITOR		C001	1-162-318-11	CERAMIC 0.001UF 10.00% 500V			
2		A	CAPACITOR		C002	1-162-318-11	CERAMIC 0.001UF 10.00% 500V			
3		A	CAPACITOR		C003	1-102-050-00	CERAMIC 0.01UF 99% 500V			
4		A	CAPACITOR		C004	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
5		A	CAPACITOR		C007	1-126-935-11	ELECT 470UF 20.00% 16V			
6		A	CAPACITOR		C009	1-126-926-11	ELECT 1000UF 20.00% 10V			
7		A	CAPACITOR		C010	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
8		A	CAPACITOR		C011	1-106-220-00	MYLAR 0.1UF 10.00% 100V			
9		A	CAPACITOR		C011	1-130-777-00	MYLAR 0.1UF 10% 100V			
10		A	CAPACITOR		C012	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
11		A	CAPACITOR		C013	1-162-318-11	CERAMIC 0.001UF 10.00% 500V			
12		A	CAPACITOR		C014	1-128-562-11	ELECT 47UF 20.00% 100V			
13		A	CAPACITOR		C015	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
14		A	CAPACITOR		C016	1-126-947-11	ELECT 47UF 20.00% 35V			
15		A	CAPACITOR		C018	1-107-651-11	ELECT 4.7UF 20.00% 250V			
16		A	CAPACITOR		C022	1-126-947-11	ELECT 47UF 20.00% 35V			
17		A	CAPACITOR		C035	1-115-350-51	CERAMIC 0.0047UF 2KV			
18		A	CAPACITOR		C035	1-162-114-00	CERAMIC 0.0047UF 2KV			
19		A	CAPACITOR		C036	1-162-318-11	CERAMIC 0.001UF 10.00% 500V			
20		A	CAPACITOR		C042	1-163-009-91	CERAMIC CHIP 0.001UF 10.00% 50V			
21		A	CAPACITOR		C044	1-163-251-11	CERAMIC CHIP 100PF 5.00% 50V			
22		A	CAPACITOR		C046	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
23		A	CAPACITOR		C047	1-126-947-11	ELECT 47UF 20.00% 35V			
24		A	CAPACITOR		C049	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
25		A	CAPACITOR		C050	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
26		A	CAPACITOR		C053	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
27		A	CAPACITOR		C054	1-137-528-11	MYLAR 0.1UF 10.00% 250V			
28		A	CAPACITOR		C092	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
29		A	CAPACITOR		C102	1-137-528-11	MYLAR 0.1UF 10.00% 250V			
30		A	CAPACITOR		C104	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
31		A	CAPACITOR		C105	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			

No.	#	Board	Type	⚠/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
32		A	CAPACITOR		C106	1-137-528-11	MYLAR 0.1UF 10.00% 250V			
33		A	CAPACITOR		C112	1-163-231-11	CERAMIC CHIP 15PF 5.00% 50V			
34		A	CAPACITOR		C151	1-107-823-11	CERAMIC CHIP 0.47UF 10.00% 16V			
35		A	CAPACITOR		C202	1-137-528-11	MYLAR 0.1UF 10.00% 250V			
36		A	CAPACITOR		C204	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
37		A	CAPACITOR		C205	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
38		A	CAPACITOR		C206	1-137-528-11	MYLAR 0.1UF 10.00% 250V			
39		A	CAPACITOR		C212	1-163-224-11	CERAMIC CHIP 7PF 0.25PF 50V			
40		A	CAPACITOR		C251	1-107-823-11	CERAMIC CHIP 0.47UF 10.00% 16V			
41		A	CAPACITOR		C302	1-137-528-11	MYLAR 0.1UF 10.00% 250V			
42		A	CAPACITOR		C304	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
43		A	CAPACITOR		C305	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
44		A	CAPACITOR		C306	1-137-528-11	MYLAR 0.1UF 10.00% 250V			
45		A	CAPACITOR		C312	1-163-085-00	CERAMIC CHIP 2PF 0.25PF 50V			
46		A	CAPACITOR		C351	1-107-823-11	CERAMIC CHIP 0.47UF 10.00% 16V			
47		A	CONNECTOR		CN301	1-785-879-11	CONNECTOR, ONE TOUCH			
48		A	CONNECTOR	*	CN302	1-815-022-11	PIN, CONNECTOR (WITH PWB) 6P			
49		A	CONNECTOR	*	CN304	1-564-524-11	PLUG, CONNECTOR 9P			
50		A	CONNECTOR		CN306	1-506-108-41	PIN, CONNECTOR (TERMINAL PIN)			
51		A	CONNECTOR		CN307	1-695-915-11	TAB (CONTACT)			
52		A	CONNECTOR	*	CN309	1-564-523-11	PLUG, CONNECTOR 8P			
53		A	DIODE		D001	8-719-970-02	DIODE 1SR139-400T31			
54		A	DIODE		D104	8-719-970-83	DIODE HSS82-TJ			
55		A	DIODE		D105	8-719-970-83	DIODE HSS82-TJ			
56		A	DIODE		D106	8-719-970-83	DIODE HSS82-TJ			
57		A	DIODE		D111	8-719-062-51	DIODE 1PS226-115			
58		A	DIODE		D204	8-719-970-83	DIODE HSS82-TJ			
59		A	DIODE		D205	8-719-970-83	DIODE HSS82-TJ			
60		A	DIODE		D206	8-719-970-83	DIODE HSS82-TJ			
61		A	DIODE		D211	8-719-062-51	DIODE 1PS226-115			
62		A	DIODE		D304	8-719-970-83	DIODE HSS82-TJ			

No.	#	Board	Type	⚠/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
63		A	DIODE		D305	8-719-970-83	DIODE HSS82-TJ			
64		A	DIODE		D306	8-719-970-83	DIODE HSS82-TJ			
65		A	DIODE		D311	8-719-062-51	DIODE 1PS226-115			
66		A	CHIP CONDUCTOR		FB001	1-412-911-11	FERRITE 0UH			
67		A	CHIP CONDUCTOR		FB003	1-412-911-11	FERRITE 0UH			
68		A	CHIP CONDUCTOR		FB004	1-412-911-11	FERRITE 0UH			
69		A	CHIP CONDUCTOR		FB005	1-412-911-11	FERRITE 0UH			
70		A	CHIP CONDUCTOR		FB006	1-412-911-11	FERRITE 0UH			
71		A	CHIP CONDUCTOR		FB009	1-412-911-11	FERRITE 0UH			
72		A	CHIP CONDUCTOR		FB010	1-412-911-11	FERRITE 0UH			
73		A	CHIP CONDUCTOR		FB101	1-412-911-11	FERRITE 0UH			
74		A	CHIP CONDUCTOR		FB102	1-216-295-91	SHORT 0			
75		A	CHIP CONDUCTOR		FB201	1-412-911-11	FERRITE 0UH			
76		A	CHIP CONDUCTOR		FB202	1-216-295-91	SHORT 0			
77		A	CHIP CONDUCTOR		FB301	1-412-911-11	FERRITE 0UH			
78		A	CHIP CONDUCTOR		FB302	1-216-295-91	SHORT 0			
79		A	IC		IC001	8-752-094-09	IC CXA2067AS			
80		A	IC		IC002	8-759-596-65	IC LM2415T			
81		A	IC		IC003	8-759-698-56	IC CXD9620P			
82		A	IC		IC004	8-749-016-27	IC H8D2957			
83		A	SOCKET	⚠	J001	1-451-524-11	SOCKET, CRT			
84		A	CHIP CONDUCTOR		JR2	1-216-296-11	SHORT 0			
85		A	CHIP CONDUCTOR		JR3	1-216-296-11	SHORT 0			
86		A	CHIP CONDUCTOR		JR4	1-216-296-11	SHORT 0			
87		A	CHIP CONDUCTOR		JR5	1-216-296-11	SHORT 0			
88		A	CHIP CONDUCTOR		JR7	1-216-296-11	SHORT 0			
89		A	CHIP CONDUCTOR		JR8	1-216-296-11	SHORT 0			
90		A	FERRITE BEAD		L002	1-412-911-11	FERRITE 0UH			
91		A	COIL		L005	1-412-529-11	INDUCTOR 22UH			
92		A	COIL		L007	1-408-617-31	INDUCTOR 150UH			
93		A	TRANSISTOR		Q006	8-729-120-28	TRANSISTOR 2SC1623-L5L6			

No.	#	Board	Type	⚠/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
94		A	RESISTOR		R001	1-216-295-91	SHORT 0			
95		A	RESISTOR		R002	1-216-043-91	RES-CHIP 560 5% 1/10W			
96		A	RESISTOR		R003	1-216-071-00	RES-CHIP 8.2K 5% 1/10W			
97		A	RESISTOR		R004	1-216-055-00	RES-CHIP 1.8K 5% 1/10W			
98		A	RESISTOR		R005	1-216-109-00	RES-CHIP 330K 5% 1/10W			
99		A	RESISTOR		R006	1-216-025-11	RES-CHIP 100 5% 1/10W			
100		A	RESISTOR		R009	1-216-073-91	RES-CHIP 10K 5% 1/10W			
101		A	RESISTOR		R014	1-216-025-11	RES-CHIP 100 5% 1/10W			
102		A	RESISTOR		R017	1-216-025-11	RES-CHIP 100 5% 1/10W			
103		A	RESISTOR		R018	1-216-025-11	RES-CHIP 100 5% 1/10W			
104		A	RESISTOR		R020	1-216-017-91	RES-CHIP 47 5% 1/10W			
105		A	RESISTOR		R021	1-216-017-91	RES-CHIP 47 5% 1/10W			
106		A	RESISTOR		R024	1-216-057-00	RES-CHIP 2.2K 5% 1/10W			
107		A	RESISTOR		R028	1-216-057-00	RES-CHIP 2.2K 5% 1/10W			
108		A	RESISTOR		R030	1-216-049-11	RES-CHIP 1K 5% 1/10W			
109		A	RESISTOR		R032	1-216-097-11	RES-CHIP 100K 5% 1/10W			
110		A	RESISTOR		R033	1-247-891-00	CARBON 330K 5% 1/4W			
111		A	RESISTOR		R048	1-219-398-51	METAL 2.2M 5% 1W			
112		A	RESISTOR		R051	1-216-049-11	RES-CHIP 1K 5% 1/10W			
113		A	RESISTOR		R052	1-216-073-91	RES-CHIP 10K 5% 1/10W			
114		A	RESISTOR		R102	1-216-113-00	RES-CHIP 470K 5% 1/10W			
115		A	RESISTOR		R104	1-469-965-21	INDUCTOR 0UH			
116		A	RESISTOR		R105	1-469-965-21	INDUCTOR 0UH			
117		A	RESISTOR		R106	1-216-667-11	METAL CHIP 4.7K 0.5% 1/10W			
118		A	RESISTOR		R107	1-216-657-11	METAL CHIP 1.8K 0.5% 1/10W			
119		A	RESISTOR		R108	1-216-679-11	METAL CHIP 15K 0.5% 1/10W			
120		A	RESISTOR		R109	1-216-113-00	RES-CHIP 470K 5% 1/10W			
121		A	RESISTOR		R111	1-249-403-11	CARBON 68 5% 1/4W			
122		A	RESISTOR		R117	1-414-137-31	INDUCTOR 0.22UH			
123		A	RESISTOR		R119	1-216-121-11	RES-CHIP 1M 5% 1/10W			
124		A	RESISTOR		R130	1-216-025-11	RES-CHIP 100 5% 1/10W			

No.	#	Board	Type	⚠/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
125		A	RESISTOR		R151	1-219-742-11	CARBON 47 5% 1/2W			
126		A	RESISTOR		R161	1-215-394-00	METAL 75 1% 1/4W			
127		A	RESISTOR		R202	1-216-113-00	RES-CHIP 470K 5% 1/10W			
128		A	RESISTOR		R204	1-469-965-21	INDUCTOR 0UH			
129		A	RESISTOR		R205	1-469-965-21	INDUCTOR 0UH			
130		A	RESISTOR		R206	1-216-667-11	METAL CHIP 4.7K 0.5% 1/10W			
131		A	RESISTOR		R207	1-216-657-11	METAL CHIP 1.8K 0.5% 1/10W			
132		A	RESISTOR		R208	1-216-679-11	METAL CHIP 15K 0.5% 1/10W			
133		A	RESISTOR		R209	1-216-113-00	RES-CHIP 470K 5% 1/10W			
134		A	RESISTOR		R211	1-249-403-11	CARBON 68 5% 1/4W			
135		A	RESISTOR		R217	1-414-137-31	INDUCTOR 0.22UH			
136		A	RESISTOR		R218	1-216-025-11	RES-CHIP 100 5% 1/10W			
137		A	RESISTOR		R219	1-216-121-11	RES-CHIP 1M 5% 1/10W			
138		A	RESISTOR		R230	1-216-001-00	RES-CHIP 10 5% 1/10W			
139		A	RESISTOR		R251	1-219-742-11	CARBON 47 5% 1/2W			
140		A	RESISTOR		R261	1-215-394-00	METAL 75 1% 1/4W			
141		A	RESISTOR		R302	1-216-113-00	RES-CHIP 470K 5% 1/10W			
142		A	RESISTOR		R304	1-469-965-21	INDUCTOR 0UH			
143		A	RESISTOR		R305	1-469-965-21	INDUCTOR 0UH			
144		A	RESISTOR		R306	1-216-667-11	METAL CHIP 4.7K 0.5% 1/10W			
145		A	RESISTOR		R307	1-216-657-11	METAL CHIP 1.8K 0.5% 1/10W			
146		A	RESISTOR		R308	1-216-679-11	METAL CHIP 15K 0.5% 1/10W			
147		A	RESISTOR		R309	1-216-113-00	RES-CHIP 470K 5% 1/10W			
148		A	RESISTOR		R311	1-249-403-11	CARBON 68 5% 1/4W			
149		A	RESISTOR		R317	1-414-137-31	INDUCTOR 0.22UH			
150		A	RESISTOR		R319	1-216-121-11	RES-CHIP 1M 5% 1/10W			
151		A	RESISTOR		R330	1-216-029-00	RES-CHIP 150 5% 1/10W			
152		A	RESISTOR		R351	1-219-742-11	CARBON 47 5% 1/2W			
153		A	RESISTOR		R361	1-215-394-00	METAL 75 1% 1/4W			
154		A	SPARK GAP		SG001	1-519-422-11	GAP, SPARK			
155		A	SPARK GAP		SG002	1-517-499-21	GAP, SPARK			

No.	#	Board	Type	⚠/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
156		A	SPARK GAP		SG003	1-517-499-21	GAP, SPARK			
157		A	SPARK GAP		SG101	1-517-499-21	GAP, SPARK			
158		A	SPARK GAP		SG201	1-517-499-21	GAP, SPARK			
159		A	SPARK GAP		SG301	1-517-499-21	GAP, SPARK			
160		D	CAPACITOR		C401	1-126-942-61	ELECT 1000UF 20.00% 25V			
161		D	CAPACITOR		C402	1-137-959-91	MYLAR 0.47UF 5% 100V			
162		D	CAPACITOR		C403	1-107-911-11	ELECT 220UF 20.00% 50V			
163		D	CAPACITOR		C404	1-126-942-61	ELECT 1000UF 20.00% 25V			
164		D	CAPACITOR		C405	1-104-760-11	CERAMIC CHIP 0.047UF 10.00% 50V			
165		D	CAPACITOR		C406	1-130-481-00	MYLAR 0.0068UF 5.00% 50V			
166		D	CAPACITOR		C407	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
167		D	CAPACITOR		C408	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
168		D	CAPACITOR		C410	1-164-005-11	CERAMIC CHIP 0.47UF 25V			
169		D	CAPACITOR		C501	1-126-964-11	ELECT 10UF 20.00% 50V			
170		D	CAPACITOR		C502	1-130-495-00	MYLAR 0.1UF 5.00% 50V			
171		D	CAPACITOR		C503	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
172		D	CAPACITOR		C504	1-102-030-00	CERAMIC 330PF 10.00% 500V			
173		D	CAPACITOR		C506	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
174		D	CAPACITOR		C507	1-136-916-11	FILM 0.27UF 5.00% 400V			
175		D	CAPACITOR		C508	1-126-949-11	ELECT 220UF 20.00% 35V			
176		D	CAPACITOR		C509	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
177		D	CAPACITOR		C510	1-136-287-11	FILM 0.0047UF 5.00% 100V			
178		D	CAPACITOR		C511	1-117-663-11	FILM 0.22UF 5.00% 250V			
179		D	CAPACITOR		C512	1-109-982-11	CERAMIC CHIP 1UF 10.00% 10V			
180		D	CAPACITOR		C513	1-128-744-91	ELECT 10UF 20% 50V			
181		D	CAPACITOR		C514	1-115-356-11	FILM 1.2UF 5.00% 250V			
182		D	CAPACITOR		C515	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
183		D	CAPACITOR		C516	1-117-666-11	FILM 0.39UF 5.00% 250V			
184		D	CAPACITOR		C517	1-137-150-11	FILM 0.01UF 5.00% 100V			
185		D	CAPACITOR		C518	1-137-718-11	FILM 4300PF 3% 1.8KV			
186		D	CAPACITOR		C519	1-117-621-21	FILM 1200PF 3.00% 1.2KV			

No.	#	Board	Type	⚠/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
187		D	CAPACITOR		C520	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
188		D	CAPACITOR		C521	1-107-444-11	CERAMIC 100PF 5.00% 2KV			
189		D	CAPACITOR		C522	1-136-684-51	FILM 0.0022UF 2.00% 100V			
190		D	CAPACITOR		C523	1-117-660-21	FILM 0.12UF 5.00% 250V			
191		D	CAPACITOR		C524	1-165-910-51	ELECT 33UF 20% 200V			
192		D	CAPACITOR		C525	1-113-979-51	MYLAR 0.047UF 10.00% 400V			
193		D	CAPACITOR		C526	1-164-646-11	CERAMIC 2200PF 10.00% 500V			
194		D	CAPACITOR		C527	1-137-105-11	FILM 0.01UF 20.00% 250V			
195		D	CAPACITOR		C528	1-107-364-11	MYLAR 0.01UF 10.00% 200V			
196		D	CAPACITOR		C529	1-136-060-00	FILM 0.047UF 5.00% 400V			
197		D	CAPACITOR		C530	1-117-662-11	FILM 0.18UF 5.00% 250V			
198		D	CAPACITOR		C531	1-117-660-21	FILM 0.12UF 5.00% 250V			
199		D	CAPACITOR		C532	1-107-368-11	MYLAR 0.047UF 10.00% 200V			
200		D	CAPACITOR		C533	1-126-960-11	ELECT 1UF 20.00% 50V			
201		D	CAPACITOR		C534	1-137-419-11	MYLAR 0.033UF 10.00% 100V			
202		D	CAPACITOR		C535	1-130-495-00	MYLAR 0.1UF 5.00% 50V			
203		D	CAPACITOR		C536	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
204		D	CAPACITOR		C537	1-412-911-11	FERRITE 0UH			
205		D	CAPACITOR		C538	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
206		D	CAPACITOR		C539	1-137-150-11	FILM 0.01UF 5.00% 100V			
207		D	CAPACITOR		C540	1-136-203-11	MYLAR 0.01UF 5.00% 630V			
208		D	CAPACITOR		C541	1-126-963-11	ELECT 4.7UF 20.00% 50V			
209		D	CAPACITOR		C542	1-126-964-11	ELECT 10UF 20.00% 50V			
210		D	CAPACITOR		C543	1-163-251-11	CERAMIC CHIP 100PF 5.00% 50V			
211		D	CAPACITOR		C544	1-137-150-11	FILM 0.01UF 5.00% 100V			
212		D	CAPACITOR		C545	1-115-339-11	CERAMIC CHIP 0.1UF 10.00% 50V			
213		D	CAPACITOR		C546	1-163-259-91	CERAMIC CHIP 220PF 5.00% 50V			
214		D	CAPACITOR		C547	1-107-902-11	ELECT 1UF 20.00% 50V			
215		D	CAPACITOR		C548	1-130-471-00	MYLAR 0.001UF 5.00% 50V			
216		D	CAPACITOR		C549	1-137-375-11	MYLAR 0.068UF 5.00% 50V			
217		D	CAPACITOR		C550	1-126-935-11	ELECT 470UF 20.00% 16V			

No.	#	Board	Type	⚠/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
218		D	CAPACITOR		C552	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
219		D	CAPACITOR		C553	1-164-161-11	CERAMIC CHIP 0.0022UF 10.00% 50V			
220		D	CAPACITOR		C554	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
221		D	CAPACITOR		C555	1-130-495-00	MYLAR 0.1UF 5.00% 50V			
222		D	CAPACITOR		C556	1-163-259-91	CERAMIC CHIP 220PF 5.00% 50V			
223		D	CAPACITOR		C557	1-107-907-11	ELECT 22UF 20.00% 50V			
224		D	CAPACITOR		C558	1-126-960-11	ELECT 1UF 20.00% 50V			
225		D	CAPACITOR		C559	1-136-287-11	FILM 0.0047UF 5.00% 100V			
226		D	CAPACITOR		C561	1-163-009-91	CERAMIC CHIP 0.001UF 10.00% 50V			
227		D	CAPACITOR		C562	1-107-882-91	ELECT 100UF 20.00% 16V			
228		D	CAPACITOR		C562	1-107-882-11	ELECT 100UF 20.00% 16V			
229		D	CAPACITOR		C563	1-163-005-91	CERAMIC CHIP 470PF 10.00% 50V			
230		D	CAPACITOR		C564	1-107-823-11	CERAMIC CHIP 0.47UF 10.00% 16V			
231		D	CAPACITOR		C565	1-136-177-00	FILM 1UF 5.00% 50V			
232		D	CAPACITOR		C566	1-107-823-11	CERAMIC CHIP 0.47UF 10.00% 16V			
233		D	CAPACITOR		C567	1-163-037-11	CERAMIC CHIP 0.022UF 10.00% 50V			
234		D	CAPACITOR		C568	1-113-979-51	MYLAR 0.047UF 10.00% 400V			
235		D	CAPACITOR		C569	1-130-495-00	MYLAR 0.1UF 5.00% 50V			
236		D	CAPACITOR		C571	1-107-974-11	CERAMIC 47PF 5.00% 2KV			
237		D	CAPACITOR		C572	1-107-651-11	ELECT 4.7UF 20.00% 250V			
238		D	CAPACITOR		C573	1-107-649-11	ELECT 2.2UF 20.00% 250V			
239		D	CAPACITOR		C574	1-136-187-11	MYLAR 0.047UF 10.00% 250V			
240		D	CAPACITOR		C575	1-135-843-51	ELECT 33UF 20% 200V			
241		D	CAPACITOR		C576	1-163-243-11	CERAMIC CHIP 47PF 5.00% 50V			
242		D	CAPACITOR		C577	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
243		D	CAPACITOR		C579	1-109-879-11	CERAMIC 22PF 5.00% 2KV			
244		D	CAPACITOR		C581	1-107-782-81	CERAMIC 2200PF 1KV			
245		D	CAPACITOR		C582	1-164-161-11	CERAMIC CHIP 0.0022UF 10.00% 50V			
246		D	CAPACITOR		C583	1-136-177-00	FILM 1UF 5.00% 50V			
247		D	CAPACITOR		C601	1-107-909-11	ELECT 47UF 20.00% 50V			
248		D	CAPACITOR		C603	1-126-942-61	ELECT 1000UF 20.00% 25V			

No.	#	Board	Type	⚠/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
249		D	CAPACITOR	⚠	C604	1-104-708-11	MYLAR 0.47UF 20.00% 250V			
250		D	CAPACITOR	⚠	C605	1-104-708-11	MYLAR 0.47UF 20.00% 250V			
251		D	CAPACITOR		C608	1-104-653-91	ELECT 220UF 20.00% 16V			
252		D	CAPACITOR		C609	1-117-699-11	CERAMIC 0.001UF 99% 250V			
253		D	CAPACITOR		C610	1-113-608-11	ELECT(BLOCK) 470UF 20.00% 400V			
254		D	CAPACITOR		C611	1-163-007-11	CERAMIC CHIP 680PF 10.00% 50V			
255		D	CAPACITOR		C612	1-119-858-11	FILM 0.068UF 5.00% 250V			
256		D	CAPACITOR		C613	1-162-132-00	CERAMIC 270PF 10.00% 2KV			
257		D	CAPACITOR		C614	1-163-037-11	CERAMIC CHIP 0.022UF 10.00% 50V			
258		D	CAPACITOR		C615	1-163-037-11	CERAMIC CHIP 0.022UF 10.00% 50V			
259		D	CAPACITOR		C616	1-107-907-11	ELECT 22UF 20.00% 50V			
260		D	CAPACITOR		C617	1-107-907-11	ELECT 22UF 20.00% 50V			
261		D	CAPACITOR		C618	1-130-495-00	MYLAR 0.1UF 5.00% 50V			
262		D	CAPACITOR		C619	1-164-161-11	CERAMIC CHIP 0.0022UF 10.00% 50V			
263		D	CAPACITOR		C620	1-162-117-00	CERAMIC 100PF 10.00% 500V			
264		D	CAPACITOR		C621	1-135-842-51	ELECT 47UF 20% 250V			
265		D	CAPACITOR		C622	1-128-763-91	ELECT 100UF 20% 100V			
266		D	CAPACITOR		C624	1-107-885-11	ELECT 3300UF 20.00% 16V			
267		D	CAPACITOR		C625	1-126-943-11	ELECT 2200UF 20.00% 25V			
268		D	CAPACITOR		C626	1-104-653-91	ELECT 220UF 20.00% 16V			
269		D	CAPACITOR		C627	1-126-934-11	ELECT 220UF 20.00% 16V			
270		D	CAPACITOR		C628	1-128-526-11	ELECT 100UF 20.00% 25V			
271		D	CAPACITOR		C630	1-109-982-11	CERAMIC CHIP 1UF 10.00% 10V			
272		D	CAPACITOR	⚠	C631	1-113-910-11	CERAMIC 470PF 10.00% 250V			
273		D	CAPACITOR		C632	1-128-954-11	ELECT 1000UF 20% 25V			
274		D	CAPACITOR		C633	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
275		D	CAPACITOR		C634	1-163-017-00	CERAMIC CHIP 0.0047UF 10.00% 50V			
276		D	CAPACITOR		C637	1-104-653-91	ELECT 220UF 20.00% 16V			
277		D	CAPACITOR		C640	1-117-703-11	CERAMIC 0.0047UF 99% 250V			
278		D	CAPACITOR		C641	1-107-882-91	ELECT 100UF 20.00% 16V			
279		D	CAPACITOR		C643	1-117-703-11	CERAMIC 0.0047UF 99% 250V			

No.	#	Board	Type	⚠/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
280		D	CAPACITOR		C647	1-102-228-00	CERAMIC 470PF 10.00% 500V			
281		D	CAPACITOR		C650	1-163-019-00	CERAMIC CHIP 0.0068UF 10.00% 50V			
282		D	CAPACITOR		C653	1-163-009-91	CERAMIC CHIP 0.001UF 10.00% 50V			
283		D	CAPACITOR		C656	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
284		D	CAPACITOR	⚠	C660	1-117-703-11	CERAMIC 0.0047UF 99% 250V			
285		D	CAPACITOR		C663	1-107-974-11	CERAMIC 47PF 5.00% 2KV			
286		D	CAPACITOR		C665	1-216-295-91	SHORT 0			
287		D	CAPACITOR		C679	1-216-295-91	SHORT 0			
288		D	CAPACITOR		C681	1-107-905-11	ELECT 4.7UF 20.00% 50V			
289		D	CAPACITOR		C682	1-164-005-11	CERAMIC CHIP 0.47UF 25V			
290		D	CAPACITOR		C701	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
291		D	CAPACITOR		C702	1-126-963-11	ELECT 4.7UF 20.00% 50V			
292		D	CAPACITOR		C703	1-136-169-00	FILM 0.22UF 5.00% 50V			
293		D	CAPACITOR		C704	1-163-259-91	CERAMIC CHIP 220PF 5.00% 50V			
294		D	CAPACITOR		C706	1-163-247-91	CERAMIC CHIP 68PF 5.00% 50V			
295		D	CAPACITOR		C707	1-163-247-91	CERAMIC CHIP 68PF 5.00% 50V			
296		D	CAPACITOR		C708	1-130-495-00	MYLAR 0.1UF 5.00% 50V			
297		D	CAPACITOR		C709	1-126-941-11	ELECT 470UF 20.00% 25V			
298		D	CAPACITOR		C710	1-126-941-11	ELECT 470UF 20.00% 25V			
299		D	CAPACITOR		C711	1-130-495-00	MYLAR 0.1UF 5.00% 50V			
300		D	CAPACITOR		C712	1-130-495-00	MYLAR 0.1UF 5.00% 50V			
301		D	CAPACITOR		C713	1-126-933-11	ELECT 100UF 20.00% 16V			
302		D	CAPACITOR		C714	1-163-131-00	CERAMIC CHIP 390PF 5.00% 50V			
303		D	CAPACITOR		C715	1-126-933-11	ELECT 100UF 20.00% 16V			
304		D	CAPACITOR		C716	1-163-989-11	CERAMIC CHIP 0.033UF 10.00% 25V			
305		D	CAPACITOR		C718	1-163-989-11	CERAMIC CHIP 0.033UF 10.00% 25V			
306		D	CAPACITOR		C723	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
307		D	CAPACITOR		C725	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
308		D	CAPACITOR		C729	1-163-003-11	CERAMIC CHIP 330PF 10.00% 50V			
309		D	CAPACITOR		C733	1-163-003-11	CERAMIC CHIP 330PF 10.00% 50V			
310		D	CAPACITOR		C901	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			

No.	#	Board	Type	⚠/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
311		D	CAPACITOR		C902	1-126-935-11	ELECT 470UF 20.00% 16V			
312		D	CAPACITOR		C905	1-137-375-11	MYLAR 0.068UF 5.00% 50V			
313		D	CAPACITOR		C906	1-136-177-00	FILM 1UF 5.00% 50V			
314		D	CAPACITOR		C908	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
315		D	CAPACITOR		C909	1-126-933-11	ELECT 100UF 20.00% 16V			
316		D	CAPACITOR		C910	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
317		D	CAPACITOR		C911	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
318		D	CAPACITOR		C912	1-126-933-11	ELECT 100UF 20.00% 16V			
319		D	CAPACITOR		C913	1-130-495-00	MYLAR 0.1UF 5.00% 50V			
320		D	CAPACITOR		C914	1-163-231-11	CERAMIC CHIP 15PF 5.00% 50V			
321		D	CAPACITOR		C915	1-163-231-11	CERAMIC CHIP 15PF 5.00% 50V			
322		D	CAPACITOR		C916	1-126-965-91	ELECT 22UF 20.00% 50V			
323		D	CAPACITOR		C917	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
324		D	CAPACITOR		C918	1-126-965-91	ELECT 22UF 20.00% 50V			
325		D	CAPACITOR		C920	1-109-982-11	CERAMIC CHIP 1UF 10.00% 10V			
326		D	CAPACITOR		C921	1-126-935-11	ELECT 470UF 20.00% 16V			
327		D	CAPACITOR		C922	1-107-712-11	ELECT 3.3UF 20.00% 50V			
328		D	CAPACITOR		C923	1-163-133-00	CERAMIC CHIP 470PF 5.00% 50V			
329		D	CAPACITOR		C924	1-126-962-11	ELECT 3.3UF 20.00% 50V			
330		D	CAPACITOR		C925	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
331		D	CAPACITOR		C926	1-126-767-11	ELECT 1000UF 20.00% 16V			
332		D	CAPACITOR		C928	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
333		D	CAPACITOR		C929	1-126-963-11	ELECT 4.7UF 20.00% 50V			
334		D	CAPACITOR		C930	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
335		D	CAPACITOR		C931	1-163-133-00	CERAMIC CHIP 470PF 5.00% 50V			
336		D	CAPACITOR		C933	1-163-251-11	CERAMIC CHIP 100PF 5.00% 50V			
337		D	CAPACITOR		C935	1-107-823-11	CERAMIC CHIP 0.47UF 10.00% 16V			
338		D	CAPACITOR		C936	1-163-251-11	CERAMIC CHIP 100PF 5.00% 50V			
339		D	CAPACITOR		C938	1-126-933-11	ELECT 100UF 20.00% 16V			
340		D	CAPACITOR		C939	1-163-251-11	CERAMIC CHIP 100PF 5.00% 50V			
341		D	CAPACITOR		C940	1-163-243-11	CERAMIC CHIP 47PF 5.00% 50V			

No.	#	Board	Type	⚠/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
342		D	CAPACITOR		C941	1-163-243-11	CERAMIC CHIP 47PF 5.00% 50V			
343		D	CAPACITOR		C942	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
344		D	CAPACITOR		C943	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
345		D	CAPACITOR		C944	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
346		D	CAPACITOR		C947	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
347		D	CAPACITOR		C949	1-126-933-11	ELECT 100UF 20.00% 16V			
348		D	CAPACITOR		C950	1-126-933-11	ELECT 100UF 20.00% 16V			
349		D	CAPACITOR		C951	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
350		D	CAPACITOR		C952	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
351		D	CONNECTOR		CN501	1-793-239-11	PIN, CONNECTOR (PC BOARD) 6P			
352		D	CONNECTOR	*	CN600	1-691-960-71	PIN, CONNECTOR (PC BOARD) 3P			
353		D	CONNECTOR	*	CN601	1-580-689-21	PIN, CONNECTOR (PC BOARD) 4P			
354		D	CONNECTOR	*	CN602	1-506-371-00	PIN, CONNECTOR 2P			
355		D	CONNECTOR	*	CN606	1-564-512-11	PLUG, CONNECTOR 9P			
356		D	CONNECTOR	*	CN607	1-564-508-11	PLUG, CONNECTOR 5P			
357		D	CONNECTOR	*	CN609	1-564-506-11	PLUG, CONNECTOR 3P			
358		D	CONNECTOR	*	CN701	1-764-333-11	PIN, CONNECTOR(PCB)(V TYPE)10P			
359		D	CONNECTOR	*	CN901	1-508-879-11	BASE POST 4P			
360		D	CONNECTOR	*	CN902	1-564-511-11	PLUG, CONNECTOR 8P			
361		D	CONNECTOR	*	CN903	1-785-704-21	PIN, CONNECTOR (PC BOARD) 7P			
362		D	CONNECTOR	*	CN904	1-564-511-11	PLUG, CONNECTOR 8P			
363		D	DIODE		D401	8-719-052-90	DIODE D1NL40-TA2			
364		D	DIODE		D402	8-719-109-81	DIODE RD4.7ESB2			
365		D	DIODE		D403	8-719-404-50	DIODE MA111-TX			
366		D	DIODE		D404	8-719-050-84	DIODE RB441Q-40T-77			
367		D	DIODE		D501	8-719-110-47	DIODE RD18ESB			
368		D	DIODE		D502	8-719-981-00	DIODE ERC81-004			
369		D	DIODE		D503	8-759-157-40	IC UPC574J			
370		D	DIODE		D504	8-719-110-30	DIODE RD12ESB1			
371		D	DIODE		D505	8-719-063-70	DIODE D1NL20U			
372		D	DIODE		D506	8-719-061-21	DIODE FMQ-G5FMS			

No.	#	Board	Type	⚠/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
373		D	DIODE		D507	8-719-069-54	DIODE UDZSTE-175.1B			
374		D	DIODE		D508	8-719-404-50	DIODE MA111-TX			
375		D	DIODE		D509	8-719-110-30	DIODE RD12ESB1			
376		D	DIODE		D510	8-719-052-90	DIODE D1NL40-TA2			
377		D	DIODE		D511	8-719-052-90	DIODE D1NL40-TA2			
378		D	DIODE		D512	8-719-911-19	DIODE 1SS119-25			
379		D	DIODE		D513	8-719-052-90	DIODE D1NL40-TA2			
380		D	DIODE		D514	8-719-970-83	DIODE HSS82-TJ			
381		D	DIODE		D515	8-719-018-82	DIODE RGP02-20EL-6394			
382		D	DIODE		D516	8-719-052-86	DIODE D2L40-TA			
383		D	DIODE		D517	8-759-157-40	IC UPC574J			
384		D	DIODE		D518	8-719-110-30	DIODE RD12ESB1			
385		D	DIODE		D519	8-719-109-89	DIODE RD5.6ESB2			
386		D	DIODE		D520	8-719-082-50	DIODE 11DF2N-TA2B2			
387		D	DIODE		D521	8-719-082-50	DIODE 11DF2N-TA2B2			
388		D	DIODE		D522	8-719-911-19	DIODE 1SS119-25			
389		D	DIODE		D523	8-719-911-19	DIODE 1SS119-25			
390		D	DIODE		D524	8-719-051-85	DIODE HSS83TD			
391		D	DIODE		D525	8-719-051-85	DIODE HSS83TD			
392		D	DIODE		D526	8-719-911-19	DIODE 1SS119-25			
393		D	DIODE		D527	8-719-069-54	DIODE UDZSTE-175.1B			
394		D	DIODE		D528	8-719-911-19	DIODE 1SS119-25			
395		D	DIODE		D530	8-719-404-50	DIODE MA111-TX			
396		D	DIODE		D531	8-719-977-12	DIODE DTZ6.8B			
397		D	DIODE		D532	8-719-050-84	DIODE RB441Q-40T-77			
398		D	DIODE		D601	8-719-510-53	DIODE D4SB60L			
399		D	DIODE		D602	8-719-911-19	DIODE 1SS119-25			
400		D	DIODE		D603	8-719-911-19	DIODE 1SS119-25			
401		D	DIODE		D605	8-719-110-31	DIODE RD12ESB2			
402		D	DIODE		D606	8-719-053-19	DIODE UF4007G23			
403		D	DIODE		D607	8-719-053-19	DIODE UF4007G23			

No.	#	Board	Type	⚠/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
404		D	DIODE		D608	8-719-110-47	DIODE RD18ESB			
405		D	DIODE		D609	8-719-911-19	DIODE 1SS119-25			
406		D	DIODE		D610	8-719-109-81	DIODE RD4.7ESB2			
407		D	DIODE		D611	8-719-067-68	DIODE FMC-26UA			
408		D	DIODE		D612	8-719-053-19	DIODE UF4007G23			
409		D	DIODE		D613	8-719-083-22	DIODE BT149G-112-OT384			
410		D	DIODE		D614	8-719-032-12	DIODE D1NS6			
411		D	DIODE		D615	8-719-058-38	DIODE FMN-G12S			
412		D	DIODE		D616	8-719-109-81	DIODE RD4.7ESB2			
413		D	DIODE		D617	8-719-947-06	DIODE RGP10JPKG23			
414		D	DIODE		D618	8-719-058-38	DIODE FMN-G12S			
415		D	DIODE		D620	8-719-300-76	DIODE RH-1A			
416		D	DIODE		D621	8-719-911-19	DIODE 1SS119-25			
417		D	DIODE		D622	8-719-058-38	DIODE FMN-G12S			
418		D	DIODE		D623	8-719-110-31	DIODE RD12ESB2			
419		D	DIODE		D625	8-719-977-40	DIODE DTZ13B			
420		D	DIODE		D638	8-719-110-47	DIODE RD18ESB			
421		D	DIODE		D643	8-719-404-50	DIODE MA111-TX			
422		D	DIODE		D704	8-719-911-19	DIODE 1SS119-25			
423		D	DIODE		D901	8-719-047-98	DIODE HZU5.6B2TRF			
424		D	DIODE		D902	8-719-109-89	DIODE RD5.6ESB2			
425		D	DIODE		D903	8-719-050-84	DIODE RB441Q-40T-77			
426		D	DIODE		D904	8-719-047-98	DIODE HZU5.6B2TRF			
427		D	DIODE		D905	8-719-404-50	DIODE MA111-TX			
428		D	DIODE		D906	8-719-404-50	DIODE MA111-TX			
429		D	DIODE		D907	8-719-404-50	DIODE MA111-TX			
430		D	DIODE		D908	8-719-404-50	DIODE MA111-TX			
431		D	DIODE		D909	8-719-067-40	DIODE STZ6.8N-T146			
432		D	DIODE		D911	8-719-062-51	DIODE 1PS226-115			
433		D	DIODE		D912	8-719-047-98	DIODE HZU5.6B2TRF			
434		D	DIODE		D914	8-719-062-51	DIODE 1PS226-115			

No.	#	Board	Type	⚠/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
435		D	DIODE		D917	8-719-062-51	DIODE 1PS226-115			
436		D	DIODE		D918	8-719-047-98	DIODE HZU5.6B2TRF			
437		D	DIODE		D919	8-719-047-98	DIODE HZU5.6B2TRF			
438		D	DIODE		D920	8-719-050-84	DIODE RB441Q-40T-77			
439		D	DIODE		D924	8-719-047-98	DIODE HZU5.6B2TRF			
440		D	DIODE		D928	8-719-067-40	DIODE STZ6.8N-T146			
441		D	DIODE		D929	8-719-067-40	DIODE STZ6.8N-T146			
442		D	DIODE		D930	8-719-067-40	DIODE STZ6.8N-T146			
443		D	DIODE		D931	8-719-067-40	DIODE STZ6.8N-T146			
444		D	DIODE		D936	8-719-047-98	DIODE HZU5.6B2TRF			
445		D	DIODE		D937	8-719-047-98	DIODE HZU5.6B2TRF			
446		D	DIODE		D943	8-719-801-78	DIODE 1SS184			
447		D	FUSE	⚠	F601	1-576-233-11	FUSE (H.B.C.)			
448		D	CHIP CONDUCTOR		FB502	1-412-911-11	FERRITE 0UH			
449		D	CHIP CONDUCTOR		FB503	1-412-911-11	FERRITE 0UH			
450		D	CHIP CONDUCTOR		FB504	1-412-911-11	FERRITE 0UH			
451		D	CHIP CONDUCTOR		FB506	1-412-911-11	FERRITE 0UH			
452		D	CHIP CONDUCTOR		FB601	1-412-911-11	FERRITE 0UH			
453		D	CHIP CONDUCTOR		FB904	1-543-961-22	FERRITE 0UH			
454		D	CHIP CONDUCTOR		FB1001	1-410-397-21	FERRITE 1.1UH			
455		D	FUSE HOLDER		FH1	1-533-223-11	CLIP, FUSE			
456		D	FUSE HOLDER		FH2	1-533-223-11	CLIP, FUSE			
457		D	IC		IC401	8-759-593-28	IC LA78040			
458		D	IC	⚠	IC501	8-759-478-76	IC UPC5021-109			
459		D	IC	⚠	IC601	8-759-594-75	IC TEA1504/N2			
460		D	IC		IC602	8-759-592-79	IC BA00AST-V5			
461		D	IC		IC603	8-749-016-35	IC TLP621D4-Y-LF2T			
462		D	IC		IC604	8-759-586-17	IC TL1431CZ-AP			
463		D	IC		IC605	8-759-637-83	IC PQ12RD8S			
464		D	IC		IC607	8-759-450-47	IC BA05T			
465		D	IC		IC608	8-759-231-53	IC L7805CV			

No.	#	Board	Type	⚠/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
466		D	IC		IC701	8-759-595-52	IC CXA8070AP			
467		D	IC		IC702	8-749-018-54	IC STK391-120			
468		D	IC		IC703	8-759-822-07	IC LA6515			
469		D	IC		IC901	6-801-410-01	IC ST72T751N9B1/BBM			
470		D	IC		IC902	8-759-594-40	IC CXA8071CP			
471		D	IC		IC904	8-759-352-91	IC PST9143NL			
472		D	IC		IC905	8-759-640-41	IC BR24C08F-E2			
473		D	IC		IC906	8-759-640-41	IC BR24C08F-E2			
474		D	IC		IC908	8-759-491-32	IC TC74VHCT04AF(EL)			
475		D	CHIP CONDUCTOR		JR1	1-216-295-91	SHORT 0			
476		D	CHIP CONDUCTOR		JR2	1-216-296-11	SHORT 0			
477		D	CHIP CONDUCTOR		JR3	1-216-296-11	SHORT 0			
478		D	CHIP CONDUCTOR		JR5	1-216-296-11	SHORT 0			
479		D	CHIP CONDUCTOR		JR6	1-216-296-11	SHORT 0			
480		D	CHIP CONDUCTOR		JR7	1-216-295-91	SHORT 0			
481		D	CHIP CONDUCTOR		JR10	1-216-296-11	SHORT 0			
482		D	CHIP CONDUCTOR		JR11	1-216-296-11	SHORT 0			
483		D	CHIP CONDUCTOR		JR12	1-216-296-11	SHORT 0			
484		D	CHIP CONDUCTOR		JR13	1-216-296-11	SHORT 0			
485		D	CHIP CONDUCTOR		JR14	1-216-296-11	SHORT 0			
486		D	CHIP CONDUCTOR		JR15	1-216-296-11	SHORT 0			
487		D	CHIP CONDUCTOR		JR16	1-216-296-11	SHORT 0			
488		D	CHIP CONDUCTOR		JR18	1-216-296-11	SHORT 0			
489		D	CHIP CONDUCTOR		JR19	1-216-295-91	SHORT 0			
490		D	CHIP CONDUCTOR		JR21	1-216-296-11	SHORT 0			
491		D	CHIP CONDUCTOR		JR22	1-216-296-11	SHORT 0			
492		D	CHIP CONDUCTOR		JR28	1-216-295-91	SHORT 0			
493		D	CHIP CONDUCTOR		JR30	1-216-295-91	SHORT 0			
494		D	CHIP CONDUCTOR		JR31	1-216-296-11	SHORT 0			
495		D	CHIP CONDUCTOR		JR32	1-216-295-91	SHORT 0			
496		D	CHIP CONDUCTOR		JR33	1-216-296-11	SHORT 0			

No.	#	Board	Type	⚠/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
497		D	CHIP CONDUCTOR		JR34	1-216-296-11	SHORT 0			
498		D	CHIP CONDUCTOR		JR602	1-216-296-11	SHORT 0			
499		D	DIODE		JW112	8-719-911-19	DIODE 1SS119-25			
500		D	COIL		L501	1-406-661-21	INDUCTOR 22UH			
501		D	COIL		L502	1-406-661-21	INDUCTOR 22UH			
502		D	COIL		L503	1-411-594-41	INDUCTOR 5MH			
503		D	COIL		L505	1-414-496-25	INDUCTOR 10MH			
504		D	COIL		L506	1-414-493-41	INDUCTOR 4.7MH			
505		D	COIL		L508	1-419-870-11	COIL, HORIZONTAL LINEARITY			
506		D	COIL		L510	1-428-933-11	COIL, HORIZONTAL CENTERING			
507		D	COIL		L602	1-412-529-11	INDUCTOR 22UH			
508		D	COIL		L604	1-406-665-11	INDUCTOR 100UH			
509		D	COIL		L606	1-406-665-11	INDUCTOR 100UH			
510		D	COIL		L901	1-414-857-11	INDUCTOR 100UH			
511		D	COIL		L902	1-414-857-11	INDUCTOR 100UH			
512		D	COIL		L903	1-414-857-11	INDUCTOR 100UH			
513		D	COIL		L904	1-414-857-11	INDUCTOR 100UH			
514		D	LINE FILTER		LF602	1-429-180-11	TRANSFORMER, LINE FILTER			
515		D	TRANSISTOR		Q501	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
516		D	TRANSISTOR		Q502	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R			
517		D	TRANSISTOR		Q503	8-729-035-54	TRANSISTOR 2SJ449			
518		D	TRANSISTOR		Q504	8-729-031-89	TRANSISTOR 2SC3941A-Q(TA)			
519		D	TRANSISTOR		Q505	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R			
520		D	TRANSISTOR		Q506	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R			
521		D	TRANSISTOR		Q507	8-729-056-66	TRANSISTOR 2SC5682-SONY-CA			
522		D	TRANSISTOR		Q508	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
523		D	TRANSISTOR		Q510	8-729-042-45	TRANSISTOR STP5NA80FI			
524		D	TRANSISTOR		Q511	8-729-042-34	TRANSISTOR IRFU110A			
525		D	TRANSISTOR		Q512	8-729-043-41	TRANSISTOR 2SK2098-01MR-F119			
526		D	TRANSISTOR		Q513	8-729-043-41	TRANSISTOR 2SK2098-01MR-F119			
527		D	TRANSISTOR		Q514	8-729-043-41	TRANSISTOR 2SK2098-01MR-F119			

No.	#	Board	Type	⚠/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
528		D	TRANSISTOR		Q515	8-729-047-72	TRANSISTOR 2SK3155-01			
529		D	TRANSISTOR		Q516	8-729-047-72	TRANSISTOR 2SK3155-01			
530		D	TRANSISTOR		Q519	8-729-423-33	TRANSISTOR 2SC3311A-QRSTA			
531		D	TRANSISTOR		Q520	8-729-035-54	TRANSISTOR 2SJ449			
532		D	TRANSISTOR		Q521	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R			
533		D	TRANSISTOR		Q525	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
534		D	TRANSISTOR		Q601	8-729-029-92	TRANSISTOR DTC143ESA			
535		D	TRANSISTOR		Q602	8-729-048-61	TRANSISTOR 2SK2843LBS2SONY			
536		D	TRANSISTOR		Q603	8-729-900-53	TRANSISTOR DTC114EK			
537		D	TRANSISTOR		Q604	8-729-119-78	TRANSISTOR 2SC2785-HFE			
538		D	TRANSISTOR		Q605	8-729-900-53	TRANSISTOR DTC114EK			
539		D	TRANSISTOR		Q612	8-729-423-33	TRANSISTOR 2SC3311A-QRSTA			
540		D	TRANSISTOR		Q901	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R			
541		D	TRANSISTOR		Q903	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
542		D	RESISTOR		R401	1-249-383-11	CARBON 1.5 5% 1/4W			
543		D	RESISTOR		R402	1-215-866-11	METAL OXIDE 330 5% 1W			
544		D	RESISTOR		R403	1-214-661-21	METAL 1.5 1% 1/4W			
545		D	RESISTOR		R404	1-216-669-11	METAL CHIP 5.6K 0.5% 1/10W			
546		D	RESISTOR		R405	1-214-661-21	METAL 1.5 1% 1/4W			
547		D	RESISTOR		R406	1-216-675-91	METAL CHIP 10K 0.5% 1/10W			
548		D	RESISTOR		R407	1-216-057-00	RES-CHIP 2.2K 5% 1/10W			
549		D	RESISTOR		R408	1-216-073-91	RES-CHIP 10K 5% 1/10W			
550		D	RESISTOR		R409	1-216-669-11	METAL CHIP 5.6K 0.5% 1/10W			
551		D	RESISTOR		R410	1-216-675-91	METAL CHIP 10K 0.5% 1/10W			
552		D	RESISTOR		R413	1-216-395-00	METAL OXIDE 3.3 5% 3W			
553		D	RESISTOR		R501	1-247-807-31	CARBON 100 5% 1/4W			
554		D	RESISTOR		R502	1-218-759-11	METAL CHIP 200K 0.5% 1/10W			
555		D	RESISTOR		R503	1-216-675-91	METAL CHIP 10K 0.5% 1/10W			
556		D	RESISTOR		R504	1-249-377-11	CARBON 0.47 5% 1/4W			
557		D	RESISTOR		R505	1-216-073-91	RES-CHIP 10K 5% 1/10W			
558		D	RESISTOR		R506	1-215-471-00	METAL 120K 1% 1/4W			

No.	#	Board	Type	⚠/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
559		D	RESISTOR		R507	1-215-423-00	METAL 1.2K 1% 1/4W			
560		D	RESISTOR		R508	1-249-393-11	CARBON 10 5% 1/4W			
561		D	RESISTOR		R509	1-249-433-11	CARBON 22K 5% 1/4W			
562		D	RESISTOR		R510	1-215-441-00	METAL 6.8K 1% 1/4W			
563		D	RESISTOR		R511	1-249-381-11	CARBON 1 5% 1/4W			
564		D	RESISTOR		R512	1-249-385-11	CARBON 2.2 5% 1/4W			
565		D	RESISTOR		R513	1-215-861-00	METAL OXIDE 47 5% 1W			
566		D	RESISTOR		R514	1-215-385-00	METAL 33 1% 1/4W			
567		D	RESISTOR		R515	1-249-417-11	CARBON 1K 5% 1/4W			
568		D	RESISTOR		R516	1-215-399-00	METAL 120 1% 1/4W			
569		D	RESISTOR		R517	1-216-397-11	METAL OXIDE 4.7 5% 3W			
570		D	RESISTOR		R518	1-216-397-11	METAL OXIDE 4.7 5% 3W			
571		D	RESISTOR		R519	1-247-903-00	CARBON 1M 5% 1/4W			
572		D	RESISTOR		R520	1-249-405-11	CARBON 100 5% 1/4W			
573		D	RESISTOR		R521	1-249-417-11	CARBON 1K 5% 1/4W			
574		D	RESISTOR		R522	1-216-423-11	METAL OXIDE 27 5% 1W			
575		D	RESISTOR		R523	1-215-463-00	METAL 56K 1% 1/4W			
576		D	RESISTOR		R524	1-215-463-00	METAL 56K 1% 1/4W			
577		D	RESISTOR		R525	1-249-417-11	CARBON 1K 5% 1/4W			
578		D	RESISTOR		R526	1-216-397-11	METAL OXIDE 4.7 5% 3W			
579		D	RESISTOR		R527	1-249-429-11	CARBON 10K 5% 1/4W			
580		D	RESISTOR		R528	1-216-057-00	RES-CHIP 2.2K 5% 1/10W			
581		D	RESISTOR		R529	1-216-655-11	METAL CHIP 1.5K 0.5% 1/10W			
582		D	RESISTOR		R530	1-216-474-11	METAL OXIDE 82 5% 3W			
583		D	RESISTOR		R531	1-216-474-11	METAL OXIDE 82 5% 3W			
584		D	RESISTOR		R532	1-249-385-11	CARBON 2.2 5% 1/4W			
585		D	RESISTOR		R533	1-249-417-11	CARBON 1K 5% 1/4W			
586		D	RESISTOR		R534	1-249-405-11	CARBON 100 5% 1/4W			
587		D	RESISTOR		R535	1-215-463-00	METAL 56K 1% 1/4W			
588		D	RESISTOR		R536	1-249-417-11	CARBON 1K 5% 1/4W			
589		D	RESISTOR		R537	1-215-463-00	METAL 56K 1% 1/4W			

No.	#	Board	Type	⚠/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
590		D	RESISTOR		R538	1-219-746-11	CARBON 1K 5% 1/2W			
591		D	RESISTOR		R539	1-215-445-00	METAL 10K 1% 1/4W			
592		D	RESISTOR		R540	1-215-476-00	METAL 200K 1% 1/4W			
593		D	RESISTOR		R541	1-215-421-00	METAL 1K 1% 1/4W			
594		D	RESISTOR		R542	1-215-421-00	METAL 1K 1% 1/4W			
595		D	RESISTOR		R543	1-249-389-11	CARBON 4.7 5% 1/4W			
596		D	RESISTOR		R544	1-247-889-00	CARBON 270K 5% 1/4W			
597		D	RESISTOR		R545	1-216-691-11	METAL CHIP 47K 0.5% 1/10W			
598		D	RESISTOR		R546	1-215-457-00	METAL 33K 1% 1/4W			
599		D	RESISTOR		R547	1-215-477-00	METAL 220K 1% 1/4W			
600		D	RESISTOR		R548	1-215-421-00	METAL 1K 1% 1/4W			
601		D	RESISTOR		R549	1-215-464-00	METAL 62K 1% 1/4W			
602		D	RESISTOR		R550	1-215-421-00	METAL 1K 1% 1/4W			
603		D	RESISTOR		R551	1-216-687-11	METAL CHIP 33K 0.5% 1/10W			
604		D	RESISTOR		R552	1-215-463-00	METAL 56K 1% 1/4W			
605		D	RESISTOR		R553	1-216-698-11	METAL CHIP 91K 0.5% 1/10W			
606		D	RESISTOR		R554	1-218-756-11	METAL CHIP 150K 0.5% 1/10W			
607		D	RESISTOR		R556	1-216-675-91	METAL CHIP 10K 0.5% 1/10W			
608		D	RESISTOR		R557	1-216-079-00	RES-CHIP 18K 5% 1/10W			
609		D	RESISTOR		R558	1-216-675-91	METAL CHIP 10K 0.5% 1/10W			
610		D	RESISTOR		R559	1-215-431-00	METAL 2.7K 1% 1/4W			
611		D	RESISTOR		R560	1-216-679-11	METAL CHIP 15K 0.5% 1/10W			
612		D	RESISTOR		R561	1-216-474-11	METAL OXIDE 82 5% 3W			
613		D	RESISTOR		R562	1-215-451-00	METAL 18K 1% 1/4W			
614		D	RESISTOR		R563	1-249-383-11	CARBON 1.5 5% 1/4W			
615		D	RESISTOR		R564	1-216-687-11	METAL CHIP 33K 0.5% 1/10W			
616		D	RESISTOR		R565	1-215-471-00	METAL 120K 1% 1/4W			
617		D	RESISTOR		R566	1-215-859-00	METAL OXIDE 22 5% 1W			
618		D	RESISTOR		R567	1-216-073-91	RES-CHIP 10K 5% 1/10W			
619		D	RESISTOR		R568	1-249-437-11	CARBON 47K 5% 1/4W			
620		D	RESISTOR		R569	1-216-675-91	METAL CHIP 10K 0.5% 1/10W			

No.	#	Board	Type	⚠/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
621		D	RESISTOR		R570	1-219-749-91	CARBON 10K 5% 1/2W			
622		D	RESISTOR		R571	1-216-069-00	RES-CHIP 6.8K 5% 1/10W			
623		D	RESISTOR		R573	1-216-381-11	METAL OXIDE 0.22 5% 3W			
624		D	RESISTOR		R574	1-249-421-11	CARBON 2.2K 5% 1/4W			
625		D	RESISTOR		R575	1-260-312-11	CARBON 47 5% 1/2W			
626		D	RESISTOR		R576	1-216-397-11	METAL OXIDE 4.7 5% 3W			
627		D	RESISTOR		R577	1-215-911-11	METAL OXIDE 100 5% 3W			
628		D	RESISTOR		R578	1-260-316-51	CARBON 100 5% 1/2W			
629		D	RESISTOR		R579	1-249-413-11	CARBON 470 5% 1/4W			
630		D	RESISTOR		R580	1-215-905-11	METAL OXIDE 10 5% 3W			
631		D	RESISTOR		R581	1-249-429-11	CARBON 10K 5% 1/4W			
632		D	RESISTOR		R582	1-249-399-11	CARBON 33 5% 1/4W			
633		D	RESISTOR		R583	1-216-073-91	RES-CHIP 10K 5% 1/10W			
634		D	RESISTOR		R584	1-216-065-91	RES-CHIP 4.7K 5% 1/10W			
635		D	RESISTOR		R585	1-249-417-11	CARBON 1K 5% 1/4W			
636		D	RESISTOR		R586	1-249-421-11	CARBON 2.2K 5% 1/4W			
637		D	RESISTOR		R587	1-216-049-11	RES-CHIP 1K 5% 1/10W			
638		D	RESISTOR		R588	1-216-025-11	RES-CHIP 100 5% 1/10W			
639		D	RESISTOR		R589	1-216-065-91	RES-CHIP 4.7K 5% 1/10W			
640		D	RESISTOR		R590	1-216-683-11	METAL CHIP 22K 0.5% 1/10W			
641		D	RESISTOR		R591	1-215-397-00	METAL 100 1% 1/4W			
642		D	RESISTOR		R592	1-215-399-00	METAL 120 1% 1/4W			
643		D	RESISTOR		R594	1-216-033-00	RES-CHIP 220 5% 1/10W			
644		D	RESISTOR		R595	1-215-477-00	METAL 220K 1% 1/4W			
645		D	RESISTOR		R596	1-215-421-00	METAL 1K 1% 1/4W			
646		D	RESISTOR		R597	1-259-880-11	CARBON 2.2M 5% 1/4W			
647		D	RESISTOR		R598	1-216-109-00	RES-CHIP 330K 5% 1/10W			
648		D	RESISTOR		R599	1-216-049-11	RES-CHIP 1K 5% 1/10W			
649		D	RESISTOR	⚠	R600	1-205-998-11	CEMENTED 1 5% 10W			
650		D	RESISTOR		R602	1-219-513-11	CARBON 4.7M 5% 1/2W			
651		D	RESISTOR		R603	1-249-420-11	CARBON 1.8K 5% 1/4W			

No.	#	Board	Type	⚠/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
652		D	RESISTOR	⚠	R604	1-219-754-11	CARBON 680K 5% 1/2W			
653		D	RESISTOR		R606	1-218-768-11	METAL CHIP 470K 0.5% 1/10W			
654		D	RESISTOR		R607	1-216-081-00	RES-CHIP 22K 5% 1/10W			
655		D	RESISTOR		R608	1-215-473-00	METAL 150K 1% 1/4W			
656		D	RESISTOR		R609	1-216-665-11	METAL CHIP 3.9K 0.5% 1/10W			
657		D	RESISTOR		R610	1-216-651-11	METAL CHIP 1K 0.5% 1/10W			
658		D	RESISTOR		R611	1-216-009-91	RES-CHIP 22 5% 1/10W			
659		D	RESISTOR		R612	1-247-791-91	CARBON 22 5% 1/4W			
660		D	RESISTOR		R613	1-219-513-11	CARBON 4.7M 5% 1/2W			
661		D	RESISTOR		R614	1-216-343-00	METAL OXIDE 0.33 5% 1W			
662		D	RESISTOR		R615	1-216-117-00	RES-CHIP 680K 5% 1/10W			
663		D	RESISTOR		R616	1-216-121-11	RES-CHIP 1M 5% 1/10W			
664		D	RESISTOR		R617	1-216-025-11	RES-CHIP 100 5% 1/10W			
665		D	RESISTOR		R618	1-216-635-11	METAL CHIP 220 0.5% 1/10W			
666		D	RESISTOR		R619	1-215-893-11	METAL OXIDE 1.5K 5% 2W			
667		D	RESISTOR		R620	1-216-687-11	METAL CHIP 33K 0.5% 1/10W			
668		D	RESISTOR		R621	1-216-094-00	RES-CHIP 75K 5% 1/10W			
669		D	RESISTOR		R622	1-216-009-91	RES-CHIP 22 5% 1/10W			
670		D	RESISTOR		R623	1-216-623-11	METAL CHIP 68 0.5% 1/10W			
671		D	RESISTOR		R624	1-216-615-91	METAL CHIP 33 0.5% 1/10W			
672		D	RESISTOR		R625	1-260-332-51	CARBON 2.2K 5% 1/2W			
673		D	RESISTOR		R626	1-216-057-00	RES-CHIP 2.2K 5% 1/10W			
674		D	RESISTOR		R627	1-260-288-11	CARBON 0.47 5% 1/2W			
675		D	RESISTOR		R628	1-216-665-11	METAL CHIP 3.9K 0.5% 1/10W			
676		D	RESISTOR		R633	1-249-429-11	CARBON 10K 5% 1/4W			
677		D	RESISTOR		R635	1-215-925-11	METAL OXIDE 22K 5% 3W			
678		D	RESISTOR		R636	1-215-879-11	METAL OXIDE 47K 5% 1W			
679		D	RESISTOR		R640	1-249-381-11	CARBON 1 5% 1/4W			
680		D	RESISTOR		R642	1-216-641-11	METAL CHIP 390 0.5% 1/10W			
681		D	RESISTOR		R643	1-216-697-91	METAL CHIP 82K 0.5% 1/10W			
682		D	RESISTOR		R647	1-216-073-91	RES-CHIP 10K 5% 1/10W			

No.	#	Board	Type	⚠/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
683		D	RESISTOR		R648	1-216-669-11	METAL CHIP 5.6K 0.5% 1/10W			
684		D	RESISTOR		R649	1-216-653-11	METAL CHIP 1.2K 0.5% 1/10W			
685		D	RESISTOR		R650	1-215-471-00	METAL 120K 1% 1/4W			
686		D	RESISTOR		R654	1-216-343-00	METAL OXIDE 0.33 5% 1W			
687		D	RESISTOR		R655	1-247-807-31	CARBON 100 5% 1/4W			
688		D	RESISTOR		R656	1-215-893-11	METAL OXIDE 1.5K 5% 2W			
689		D	RESISTOR		R657	1-216-623-11	METAL CHIP 68 0.5% 1/10W			
690		D	RESISTOR		R660	1-215-879-11	METAL OXIDE 47K 5% 1W			
691		D	RESISTOR		R665	1-216-061-91	RES-CHIP 3.3K 5% 1/10W			
692		D	RESISTOR		R666	1-249-413-11	CARBON 470 5% 1/4W			
693		D	RESISTOR		R667	1-215-911-11	METAL OXIDE 100 5% 3W			
694		D	RESISTOR		R668	1-216-651-11	METAL CHIP 1K 0.5% 1/10W			
695		D	RESISTOR		R670	1-216-667-11	METAL CHIP 4.7K 0.5% 1/10W			
696		D	RESISTOR		R693	1-249-413-11	CARBON 470 5% 1/4W			
697		D	RESISTOR		R698	1-216-091-00	RES-CHIP 56K 5% 1/10W			
698		D	RESISTOR		R699	1-215-865-11	METAL OXIDE 220 5% 1W			
699		D	RESISTOR		R703	1-249-410-11	CARBON 270 5% 1/4W			
700		D	RESISTOR		R704	1-215-449-00	METAL 15K 1% 1/4W			
701		D	RESISTOR		R705	1-215-449-00	METAL 15K 1% 1/4W			
702		D	RESISTOR		R706	1-216-679-11	METAL CHIP 15K 0.5% 1/10W			
703		D	RESISTOR		R707	1-216-661-11	METAL CHIP 2.7K 0.5% 1/10W			
704		D	RESISTOR		R708	1-216-661-11	METAL CHIP 2.7K 0.5% 1/10W			
705		D	RESISTOR		R709	1-216-659-11	METAL CHIP 2.2K 0.5% 1/10W			
706		D	RESISTOR		R710	1-216-659-11	METAL CHIP 2.2K 0.5% 1/10W			
707		D	RESISTOR		R711	1-216-346-00	METAL OXIDE 0.56 5% 1W			
708		D	RESISTOR		R712	1-215-860-11	METAL OXIDE 33 5% 1W			
709		D	RESISTOR		R713	1-216-346-00	METAL OXIDE 0.56 5% 1W			
710		D	RESISTOR		R716	1-215-860-11	METAL OXIDE 33 5% 1W			
711		D	RESISTOR		R717	1-216-353-00	METAL OXIDE 2.2 5% 1W			
712		D	RESISTOR		R718	1-215-863-11	METAL OXIDE 100 5% 1W			
713		D	RESISTOR		R719	1-216-679-11	METAL CHIP 15K 0.5% 1/10W			

No.	#	Board	Type	⚠/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
714		D	RESISTOR		R720	1-216-295-91	SHORT 0			
715		D	RESISTOR		R721	1-216-011-00	RES-CHIP 27 5% 1/10W			
716		D	RESISTOR		R724	1-215-859-00	METAL OXIDE 22 5% 1W			
717		D	RESISTOR		R727	1-216-679-11	METAL CHIP 15K 0.5% 1/10W			
718		D	RESISTOR		R728	1-215-863-11	METAL OXIDE 100 5% 1W			
719		D	RESISTOR		R729	1-216-353-00	METAL OXIDE 2.2 5% 1W			
720		D	RESISTOR		R730	1-215-857-71	METAL OXIDE 10 5% 1W			
721		D	RESISTOR		R731	1-216-295-91	SHORT 0			
722		D	RESISTOR		R733	1-216-295-91	SHORT 0			
723		D	RESISTOR		R735	1-216-661-11	METAL CHIP 2.7K 0.5% 1/10W			
724		D	RESISTOR		R737	1-216-659-11	METAL CHIP 2.2K 0.5% 1/10W			
725		D	RESISTOR		R739	1-216-073-91	RES-CHIP 10K 5% 1/10W			
726		D	RESISTOR		R741	1-249-380-11	CARBON 0.82 5% 1/4W			
727		D	RESISTOR		R743	1-249-380-11	CARBON 0.82 5% 1/4W			
728		D	RESISTOR		R745	1-216-298-00	RES-CHIP 2.2 5% 1/10W			
729		D	RESISTOR		R747	1-216-298-00	RES-CHIP 2.2 5% 1/10W			
730		D	RESISTOR		R753	1-216-679-11	METAL CHIP 15K 0.5% 1/10W			
731		D	RESISTOR		R755	1-216-679-11	METAL CHIP 15K 0.5% 1/10W			
732		D	RESISTOR		R900	1-216-053-00	RES-CHIP 1.5K 5% 1/10W			
733		D	RESISTOR		R901	1-535-303-00	LEAD, JUMPER (5.0MM)			
734		D	RESISTOR		R903	1-216-049-11	RES-CHIP 1K 5% 1/10W			
735		D	RESISTOR		R904	1-216-049-11	RES-CHIP 1K 5% 1/10W			
736		D	RESISTOR		R905	1-216-065-91	RES-CHIP 4.7K 5% 1/10W			
737		D	RESISTOR		R906	1-216-073-91	RES-CHIP 10K 5% 1/10W			
738		D	RESISTOR		R907	1-260-316-51	CARBON 100 5% 1/2W			
739		D	RESISTOR		R908	1-216-057-00	RES-CHIP 2.2K 5% 1/10W			
740		D	RESISTOR		R909	1-216-057-00	RES-CHIP 2.2K 5% 1/10W			
741		D	RESISTOR		R910	1-249-411-11	CARBON 330 5% 1/4W			
742		D	RESISTOR		R911	1-249-420-11	CARBON 1.8K 5% 1/4W			
743		D	RESISTOR		R912	1-249-417-11	CARBON 1K 5% 1/4W			
744		D	RESISTOR		R913	1-249-401-11	CARBON 47 5% 1/4W			

No.	#	Board	Type	⚠/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
745		D	RESISTOR		R914	1-249-401-11	CARBON 47 5% 1/4W			
746		D	RESISTOR		R915	1-216-065-91	RES-CHIP 4.7K 5% 1/10W			
747		D	RESISTOR		R916	1-216-077-91	RES-CHIP 15K 5% 1/10W			
748		D	RESISTOR		R917	1-216-077-91	RES-CHIP 15K 5% 1/10W			
749		D	RESISTOR		R918	1-249-417-11	CARBON 1K 5% 1/4W			
750		D	RESISTOR		R919	1-216-073-91	RES-CHIP 10K 5% 1/10W			
751		D	RESISTOR		R920	1-249-421-11	CARBON 2.2K 5% 1/4W			
752		D	RESISTOR		R923	1-535-303-00	LEAD, JUMPER (5.0MM)			
753		D	RESISTOR		R924	1-216-041-00	RES-CHIP 470 5% 1/10W			
754		D	RESISTOR		R925	1-216-065-91	RES-CHIP 4.7K 5% 1/10W			
755		D	RESISTOR		R926	1-216-295-91	SHORT 0			
756		D	RESISTOR		R929	1-216-057-00	RES-CHIP 2.2K 5% 1/10W			
757		D	RESISTOR		R931	1-216-659-11	METAL CHIP 2.2K 0.5% 1/10W			
758		D	RESISTOR		R933	1-249-417-11	CARBON 1K 5% 1/4W			
759		D	RESISTOR		R934	1-249-429-11	CARBON 10K 5% 1/4W			
760		D	RESISTOR		R935	1-247-807-31	CARBON 100 5% 1/4W			
761		D	RESISTOR		R936	1-247-807-31	CARBON 100 5% 1/4W			
762		D	RESISTOR		R937	1-247-807-31	CARBON 100 5% 1/4W			
763		D	RESISTOR		R938	1-216-025-11	RES-CHIP 100 5% 1/10W			
764		D	RESISTOR		R939	1-216-073-91	RES-CHIP 10K 5% 1/10W			
765		D	RESISTOR		R940	1-216-089-91	RES-CHIP 47K 5% 1/10W			
766		D	RESISTOR		R950	1-216-051-00	RES-CHIP 1.2K 5% 1/10W			
767		D	RESISTOR		R951	1-216-025-11	RES-CHIP 100 5% 1/10W			
768		D	RESISTOR		R957	1-249-401-11	CARBON 47 5% 1/4W			
769		D	RESISTOR		R958	1-249-401-11	CARBON 47 5% 1/4W			
770		D	RESISTOR		R969	1-247-807-31	CARBON 100 5% 1/4W			
771		D	RESISTOR		R971	1-216-057-00	RES-CHIP 2.2K 5% 1/10W			
772		D	RESISTOR		R972	1-216-057-00	RES-CHIP 2.2K 5% 1/10W			
773		D	RESISTOR		R973	1-216-049-11	RES-CHIP 1K 5% 1/10W			
774		D	RESISTOR		R981	1-216-065-91	RES-CHIP 4.7K 5% 1/10W			
775		D	RESISTOR		R982	1-249-413-11	CARBON 470 5% 1/4W			

No.	#	Board	Type	⚠/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
776		D	RESISTOR		R983	1-216-025-11	RES-CHIP 100 5% 1/10W			
777		D	RESISTOR		R984	1-216-089-91	RES-CHIP 47K 5% 1/10W			
778		D	RESISTOR		R985	1-216-093-91	RES-CHIP 68K 5% 1/10W			
779		D	VARIABLE RESISTOR	⚠	RV501	1-241-767-21	RES, ADJ, CERMET 100K (HV ADJ)			
780		D	RELAY	⚠	RY601	1-755-067-21	RELAY			
781		D	SWITCH		S501	1-692-465-11	SWITCH, SLIDE			
782		D	SPARK GAP		SG501	1-519-422-11	GAP, SPARK			
783		D	SPARK GAP		SG601	1-533-982-21	GAP, SPARK			
784		D	TRANSFORMER	⚠	T501	8-598-876-00	FBT ASSY NX-4407/VQ			
785		D	TRANSFORMER		T503	1-437-656-11	TRANSFORMER, FERRITE (DFT)			
786		D	TRANSFORMER		T504	1-437-459-11	TRANSFORMER, HORIZONTAL DRIVE			
787		D	TRANSFORMER		T505	1-435-766-11	TRANSFORMER, FERRITE (HST)			
788		D	TRANSFORMER		T506	1-435-765-31	TRANSFORMER, FERRITE (LCT)			
789		D	TRANSFORMER	⚠	T601	1-437-653-11	TRANSFORMER, CONVERTER			
790		D	THERMISTOR	⚠	TH600	1-809-260-11	THERMISTOR, POWER			
791		D	THERMISTOR	⚠	TH601	1-803-540-11	THERMISTOR			
792		D	VARISTOR	⚠	VA601	1-801-268-51	VARISTOR TNR14V471K660			
793		D	VARISTOR	⚠	VA604	1-801-268-51	VARISTOR TNR14V471K660			
794		D	VARISTOR	⚠	VA605	1-801-268-51	VARISTOR TNR14V471K660			
795		D	CRYSTAL		X901	1-767-826-21	VIBRATOR, CRYSTAL (24MHz)			
796		D	CRYSTAL		X902	1-767-933-11	OSCILLATOR, CERAMIC			
797		H	CAPACITOR		C2001	1-130-495-00	MYLAR 0.1UF 5.00% 50V			
798		H	CAPACITOR		C2002	1-102-074-00	CERAMIC 0.001UF 10.00% 50V			
799		H	CAPACITOR		C2003	1-126-947-11	ELECT 47UF 20.00% 35V			
800		H	CAPACITOR		C2004	1-126-947-11	ELECT 47UF 20.00% 35V			
801		H	CONNECTOR	*	CN2001	1-564-523-11	PLUG, CONNECTOR 8P			
802		H	DIODE		D2001	8-719-911-19	DIODE 1SS119-25			
803		H	DIODE		D2001	8-719-991-33	DIODE 1SS133T-77			
804		H	DIODE		D2002	8-719-911-19	DIODE 1SS119-25			
805		H	DIODE		D2003	8-719-911-19	DIODE 1SS119-25			
806		H	DIODE		D2004	8-719-911-19	DIODE 1SS119-25			

No.	#	Board	Type	⚠/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
807		H	DIODE		D2010	8-719-081-89	DIODE SML76755WNTP15			
808		H	TRANSISTOR		Q2001	8-729-423-33	TRANSISTOR 2SC3311A-QRSTA			
809		H	RESISTOR		R2001	1-249-422-11	CARBON 2.7K 5% 1/4W			
810		H	RESISTOR		R2002	1-243-758-91	CARBON 470 5% 1/4W			
811		H	RESISTOR		R2003	1-249-414-11	CARBON 560 5% 1/4W			
812		H	RESISTOR		R2004	1-243-762-91	CARBON 1K 5% 1/4W			
813		H	RESISTOR		R2005	1-249-419-11	CARBON 1.5K 5% 1/4W			
814		H	RESISTOR		R2006	1-247-843-11	CARBON 3.3K 5% 1/4W			
815		H	RESISTOR		R2007	1-249-429-11	CARBON 10K 5% 1/4W			
816		H	RESISTOR		R2008	1-249-429-11	CARBON 10K 5% 1/4W			
817		H	RESISTOR		R2009	1-243-762-91	CARBON 1K 5% 1/4W			
818		H	RESISTOR		R2010	1-215-459-00	METAL 39K 1% 1/4W			
819		H	RESISTOR		R2011	1-215-445-00	METAL 10K 1% 1/4W			
820		H	RESISTOR		R2012	1-215-452-00	METAL 20K 1% 1/4W			
821		H	RESISTOR		R2013	1-215-445-00	METAL 10K 1% 1/4W			
822		H	SWITCH		S2001	1-771-734-11	SWITCH, TACTILE			
823		H	THERMISTOR		TH2001	1-807-796-11	THERMISTOR			
824		J	CONNECTOR	*	CN901	1-564-508-11	PLUG, CONNECTOR 5P			
825		J	SWITCH		S901	1-554-472-00	SWITCH, PUSH (1 KEY)			
826		L	CAPACITOR		C1001	1-163-038-91	CERAMIC CHIP 0.1UF 25V			
827		L	CAPACITOR		C1003	1-163-038-91	CERAMIC CHIP 0.1UF 25V			
828		L	CAPACITOR		C1004	1-126-947-11	ELECT 47UF 20.00% 35V			
829		L	CAPACITOR		C1005	1-163-038-91	CERAMIC CHIP 0.1UF 25V			
830		L	CAPACITOR		C1007	1-163-038-91	CERAMIC CHIP 0.1UF 25V			
831		L	CAPACITOR		C1008	1-126-947-11	ELECT 47UF 20.00% 35V			
832		L	CONNECTOR	*	CN1001	1-564-521-11	PLUG, CONNECTOR 6P			
833		L	CONNECTOR	*	CN1003	1-816-351-11	PIN, CONNECTOR			
834		L	IC		IC1001	8-759-822-07	IC LA6515			
835		L	RESISTOR		R1001	1-216-298-00	RES-CHIP 2.2 5% 1/10W			
836		L	RESISTOR		R1002	1-216-675-91	METAL CHIP 10K 0.5% 1/10W			
837		L	RESISTOR		R1003	1-216-679-11	METAL CHIP 15K 0.5% 1/10W			

No.	#	Board	Type	⚠/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
838		L	RESISTOR		R1004	1-216-298-00	RES-CHIP 2.2 5% 1/10W			
839		L	RESISTOR		R1005	1-216-065-91	RES-CHIP 4.7K 5% 1/10W			
840		L	RESISTOR		R1006	1-215-859-00	METAL OXIDE 22 5% 1W			
841		L	RESISTOR		R1007	1-216-298-00	RES-CHIP 2.2 5% 1/10W			
842		L	RESISTOR		R1008	1-249-385-11	CARBON 2.2 5% 1/4W			
843		L	RESISTOR		R1009	1-249-385-11	CARBON 2.2 5% 1/4W			
844		L	RESISTOR		R1010	1-216-073-91	RES-CHIP 10K 5% 1/10W			
845		L	RESISTOR		R1011	1-216-073-91	RES-CHIP 10K 5% 1/10W			

Sony EMCS Corporation Ichinomiya TEC
Customer Service Section No.2
Quality Assurance Dept.

9-978-725-01

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2002BL08-Data
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