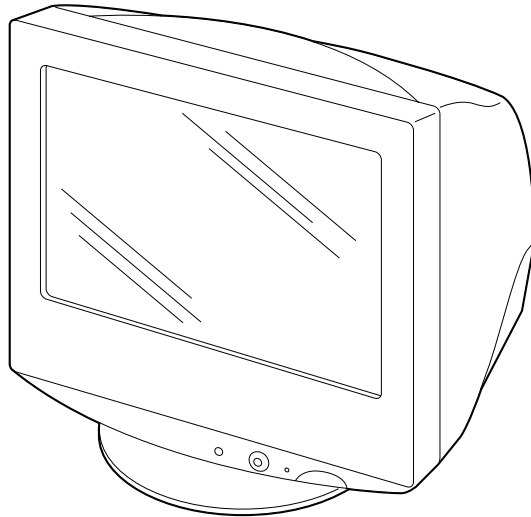


CPD-E230

SERVICE MANUAL



N.Hemisphere Model
S.Hemisphere Model
EQ Model
AEP Model

Chassis No. SCC-L38A-A

17VC CHASSIS

SPECIFICATIONS

CRT	0.24 mm aperture grille pitch(center) 17 inches measured diagonally 90-degree deflection FD Trinitron	Mass	Approx. 19 kg (41.9 lb 1 oz)
Viewable image size	Approx. 327 × 243 mm (w/h) (12 7/8 × 9 5/8 inches)	Plug and Play	DDC2B/DDC2Bi GTF**
viewing image	Approx. 406 mm (16.0 inches)	Supplied accessories	Power cord(1) Warranty card(1) Notes on cleaning the screen's surface(1) Instruction manual(1)
Resolution			
Maximum	Horizontal: 1600 dots Vertical: 1200 lines		
Recommended	Horizontal: 1024 dots Vertical: 768 lines		
Standard image area	Approx. 312 × 234 mm (w/h) (12 3/8 × 9 1/4 inches)		
Deflection frequency*	Horizontal: 30 to 85 kHz Vertical: 48 to 170 Hz		
AC input voltage/current	100 to 240 V, 50/60 Hz, Max. 1.7A		
Power consumption	Approx. 115 W		
Dimensions	Approx. 402 × 418 × 421mm (w/h/d) (15 7/8 × 16 1/2 × 16 5/8 inches)		

*Recommended horizontal and vertical timing condition

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

**If the input signal is Generalized Timing Formula(GTF) compliant, the GTF feature of the monitor will automatically provide an optical image for the screen.

Design and specification are subject to change without notice.

TORINITORON® COLOR GRAPHIC DISPLAY
SONY®

SAFETY CHECK-OUT

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

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

LEAKAGE TEST

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

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

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

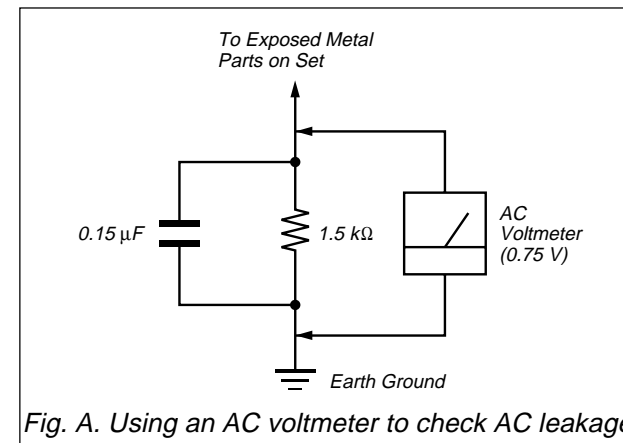


Fig. A. Using an AC voltmeter to check AC leakage.

WARNING!!

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

SAFETY-RELATED COMPONENT WARNING!!

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

AVERTISSEMENT!!

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

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

POWER SAVING FUNCTION

This monitor meets the power-saving guidelines set by VESA, TCO'99, and ENERGY STAR. If no signal is input to the monitor from your computer, the monitor will automatically reduce power consumption as shown below.

Power mode	Power consumption	⏻ (power) indicator
normal operation	≤ 115 W (without USB operation)	green
active off* ¹ (deep sleep)* ²	≤ 3 W	orange
power off	0 W (approximately)	off

*¹ When your computer enters power saving mode, NO SIGNAL appears on the screen. After a few seconds, the monitor enters power saving mode.

*² “Deep sleep” is power saving mode defined by the Environmental Protection Agency.

DIAGNOSIS

Failure	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

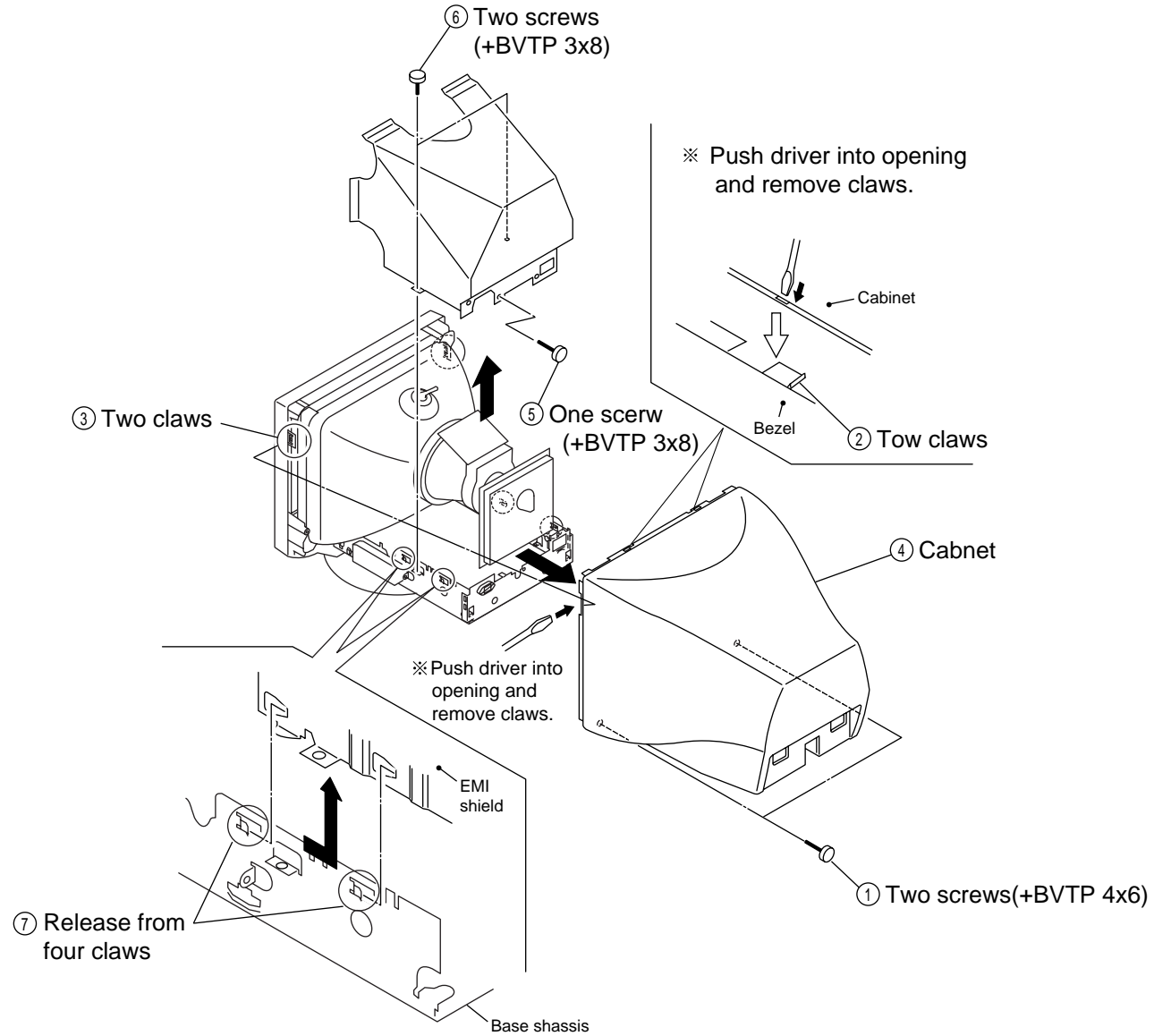
MODE MODE AT PRODUCTION	MODE 1	MODE 2	MODE 3	MODE 4	Primary Mode MODE 5	MODE 6	MODE 7	MODE 8
RESOLUTION	640 X 480	800 X 600	832 X 624	1024 X 768	1024 X 768	720 X 400	640 X 480	1280 X 1024
CLOCK	25.175 MHz	56.250 MHz	57.283 MHz	78.750 MHz	94.500 MHz	28.322 MHz	36.000 MHz	135.000 MHz
— HORIZONTAL —								
H-FREQ	31.469 kHz	53.674 kHz	49.725 kHz	60.023 kHz	68.677 kHz	31.469 kHz	43.269 kHz	79.976 kHz
	µsec	µsec	µsec	µsec	µsec	µsec	µsec	µsec
H. TOTAL	31.778	18.631	20.111	16.660	14.561	31.777	23.111	12.504
H. BLK	6.356	4.409	5.586	3.657	3.725	6.355	5.333	3.022
H. FP	0.636	0.569	0.559	0.203	0.508	0.636	1.556	0.119
H. SYNC	3.813	1.138	1.117	1.219	1.016	3.813	1.556	1.067
H. BP	1.907	2.702	3.910	2.235	2.201	1.907	2.222	1.837
H. ACTIV	25.422	14.222	14.524	13.003	10.836	25.422	17.778	9.481
— VERTICAL —								
V. FREQ (HZ)	59.940 Hz	95.061 Hz	74.550 Hz	75.029 Hz	84.997 Hz	70.087 Hz	85.008 Hz	75.025 Hz
	lines	lines	lines	lines	lines	lines	lines	lines
V. TOTAL	525	631	667	800	808	449	509	1066
V. BLK	45	31	43	32	40	49	29	42
V. FP	10	1	1	1	1	12	1	1
V. SYNC	2	3	3	3	3	2	3	3
V. BP	33	27	39	28	36	35	25	38
V. ACTIV	480	600	624	768	768	400	480	1024
— SYNC —								
INT(G)	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
EXT (CS) /POLARITY	NO	NO	NO	NO	NO	NO	NO	NO
INT/NON INT	NON INT	NON INT	NON INT	NON INT	NON INT	NON INT	NON INT	NON INT

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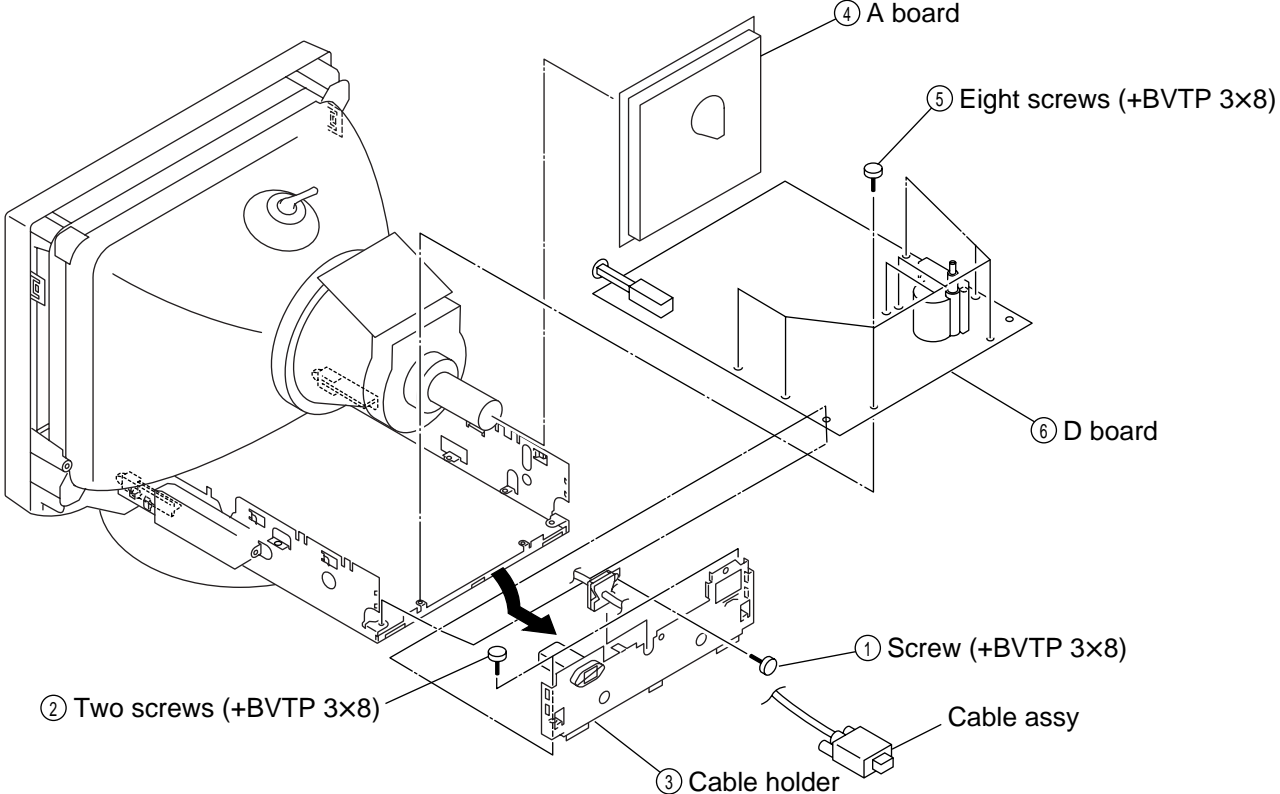
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SECTION 1 DISASSEMBLY

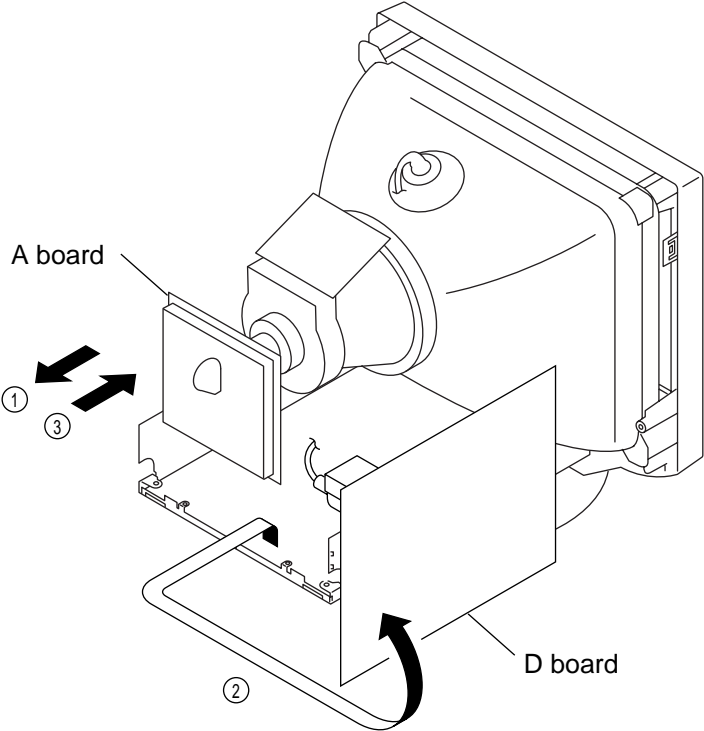
1-1. CABINET ASSEMBLY REMOVAL



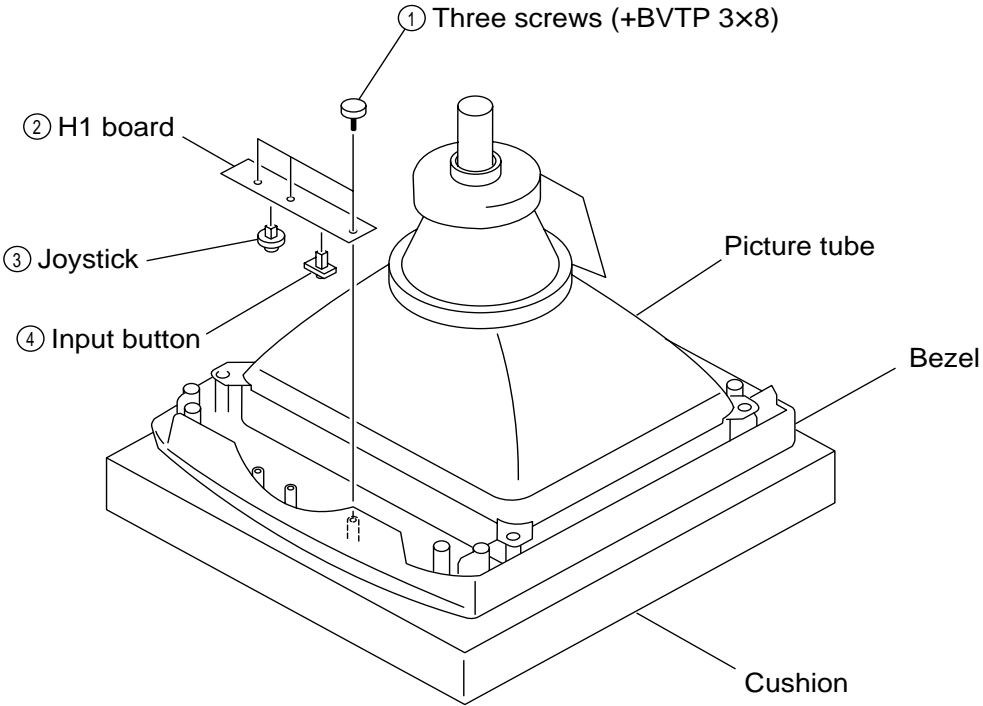
1-2. A AND D BOARDS REMOVAL



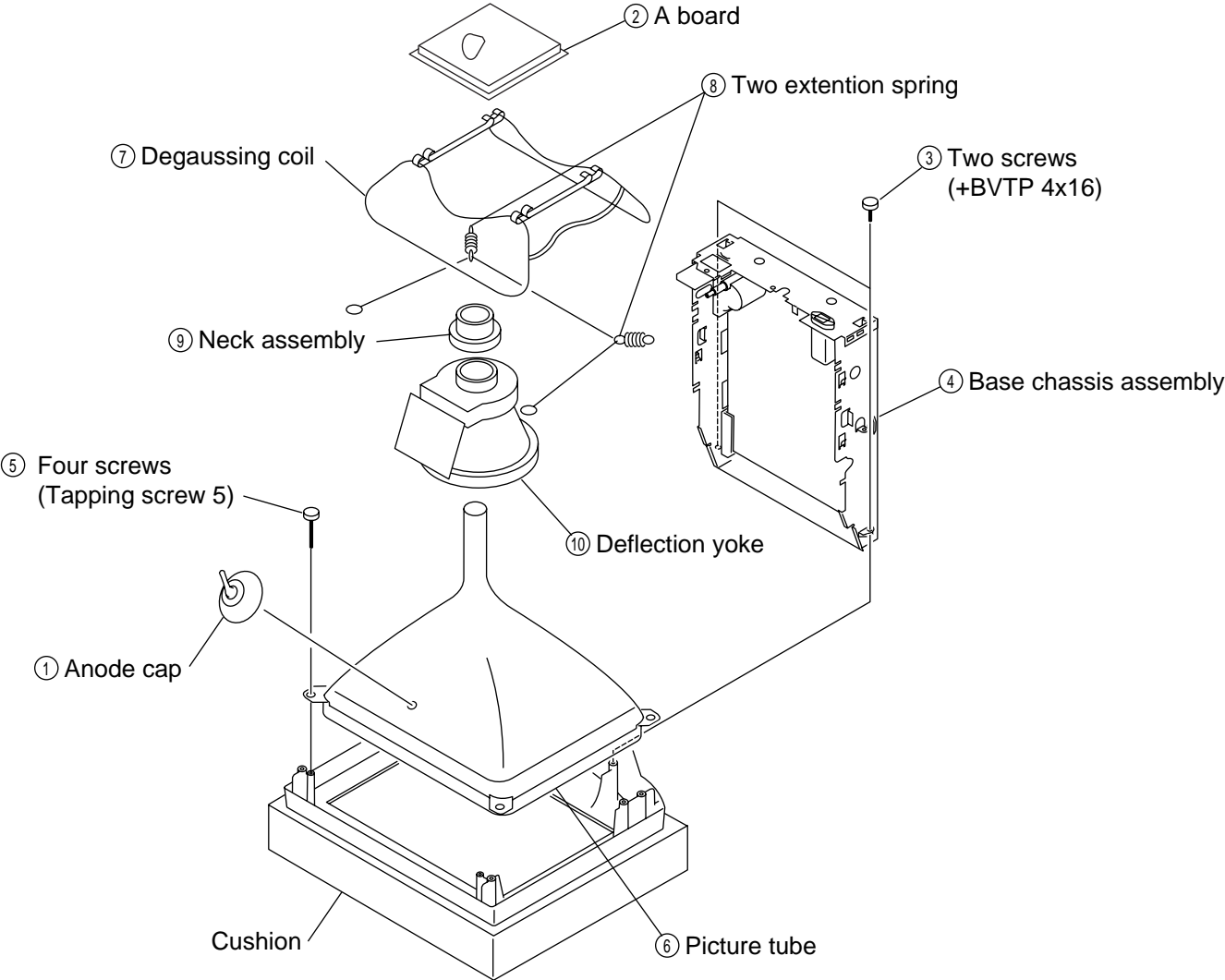
1-3. SERVICE POSITION



1-4. H1 BOARD REMOVAL



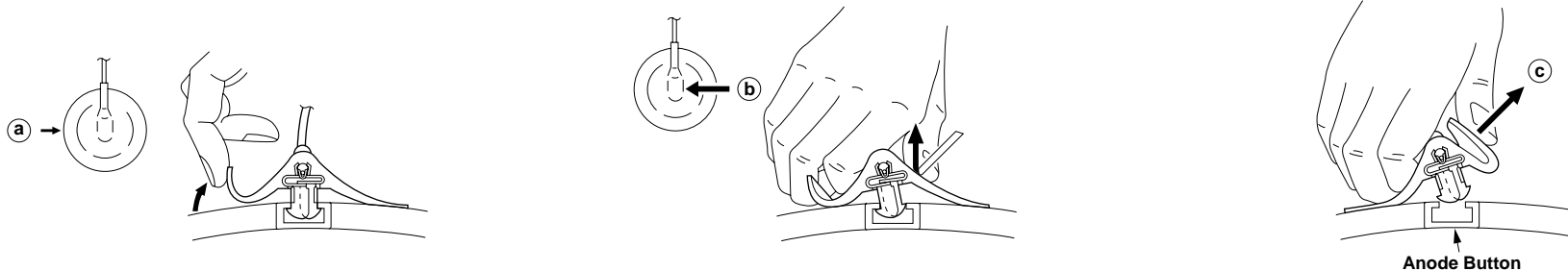
1-5. PICTURE TUBE REMOVAL



•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



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

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

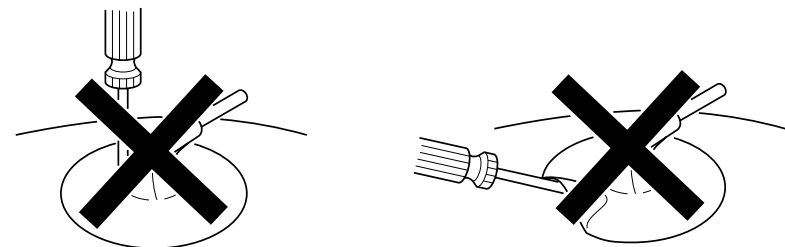
③ When one side of the rubber cap is separated from the anode button, the anode-cap can be removed by turning up the rubber cap and pulling up it in the direction of the arrow (c).

•HOW TO HANDLE AN ANODE-CAP

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

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

③ Don't turn the foot of rubber over hardy!
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 circuit works. (TV Raster disappears)

Standard voltage : $35.90^{+0.00}_{-0.01}$ 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 Circuit works (TV Raster disappears). The current must be within the range shown below.

- Standard current : $1.55^{+0.00}_{-0.01}$ 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.

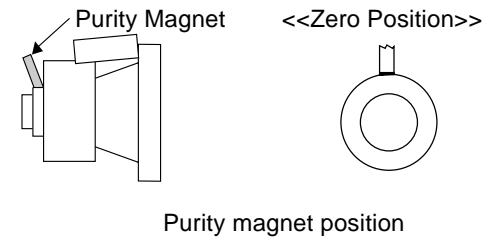
4. Reverse the DY, and adjust coarsely the purity magnet so that a green raster positions in the center of screen.
5. Adjust the "H.CENTER" with the H CENTER Volume .(RV502 on the D board)
6. Moving the DY forward, adjust so that an entire screen becomes monogreen.
7. Adjust the tilt of DY, and fix lightly 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.



L/D control specification

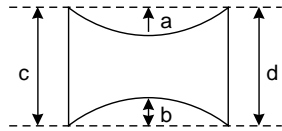
± 5	± 5	± 5
± 5	± 5	± 5
± 4	± 5	± 4

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

Note: Torque $22 \pm 2 \text{kgcm}$ ($2.2 \pm 0.2 \text{ Nm}$)

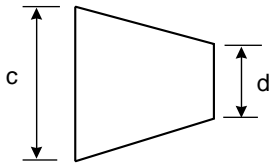
Perform auto degaussing.

- 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.

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



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

Note:

- When necessary to paste magnets more than 2 pieces, be careful that the convergence and the distortion would be alterable.
- Paste within 80 to 120 mm from the DY on the diagonal line of the magnet.

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

• Convergence Rough Adjustment

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

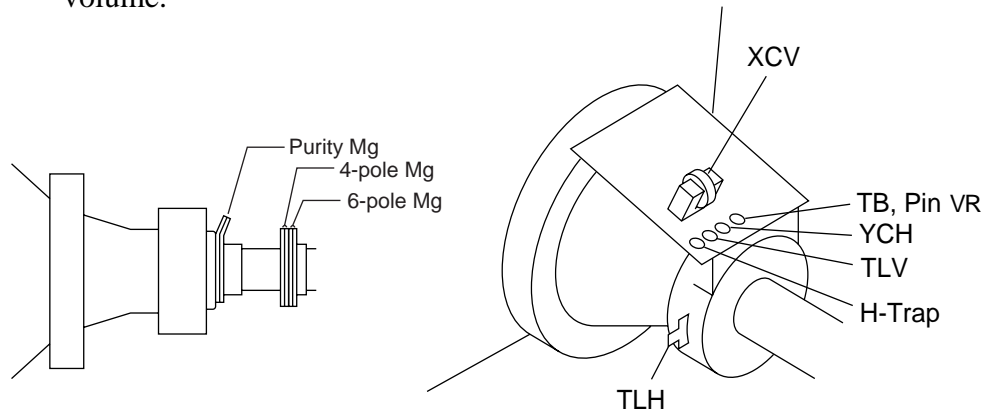
• Convergence Adjustment

< Static convergence >

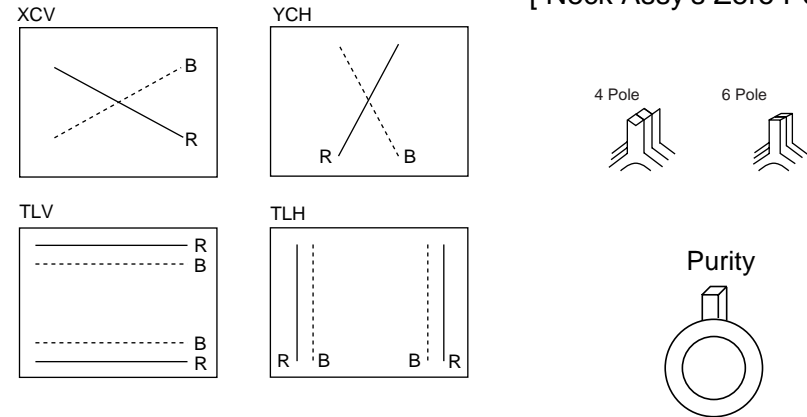
- Change the "CONV SW" to 0.
- Receive the crosshatch of R and B. (on black)
- Adjust H. STAT and V. STAT with 4 pole magnet.
- Receive the white crosshatch signal.(White line on black)
- Adjust HMC and VMC with the 6 pole magnet.
- Receive the crosshatch of R and B. (on black)

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

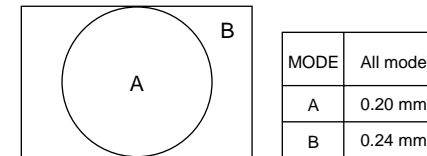
7. If necessary, the 3-6 procedures.
8. Change the "CONV SW" to 6. then set the following registers to 0.
"YBH_T_HI", "TBH_T_LO"
"YBH_B_HI", "YBH_B_LO"
"VSTAT_T_HI", "VSTAT_T_LO"
"VSTAT_B_HI""VSTAT_B_HI"
9. Adjust the H Static and V Static with the register "HSTAT_HI" and "VSTAT_HI". (These registers 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]



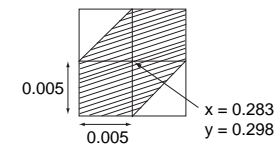
• **Convergence Specification**



• **White Balance Adjustmen Specification**

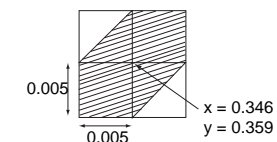
(1) 9300K

Part of shadow line
for the right figure.

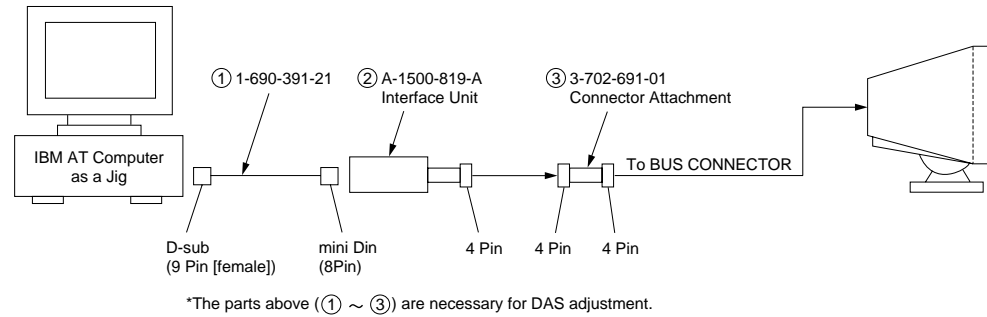


(2) 5000K

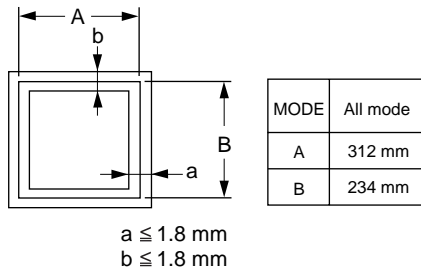
Part of shadow line
for the right figure.



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

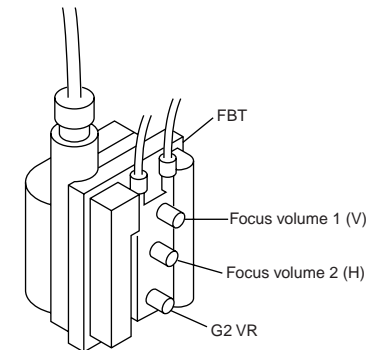


• **Vertical and Horizontal Position and Size Specification**



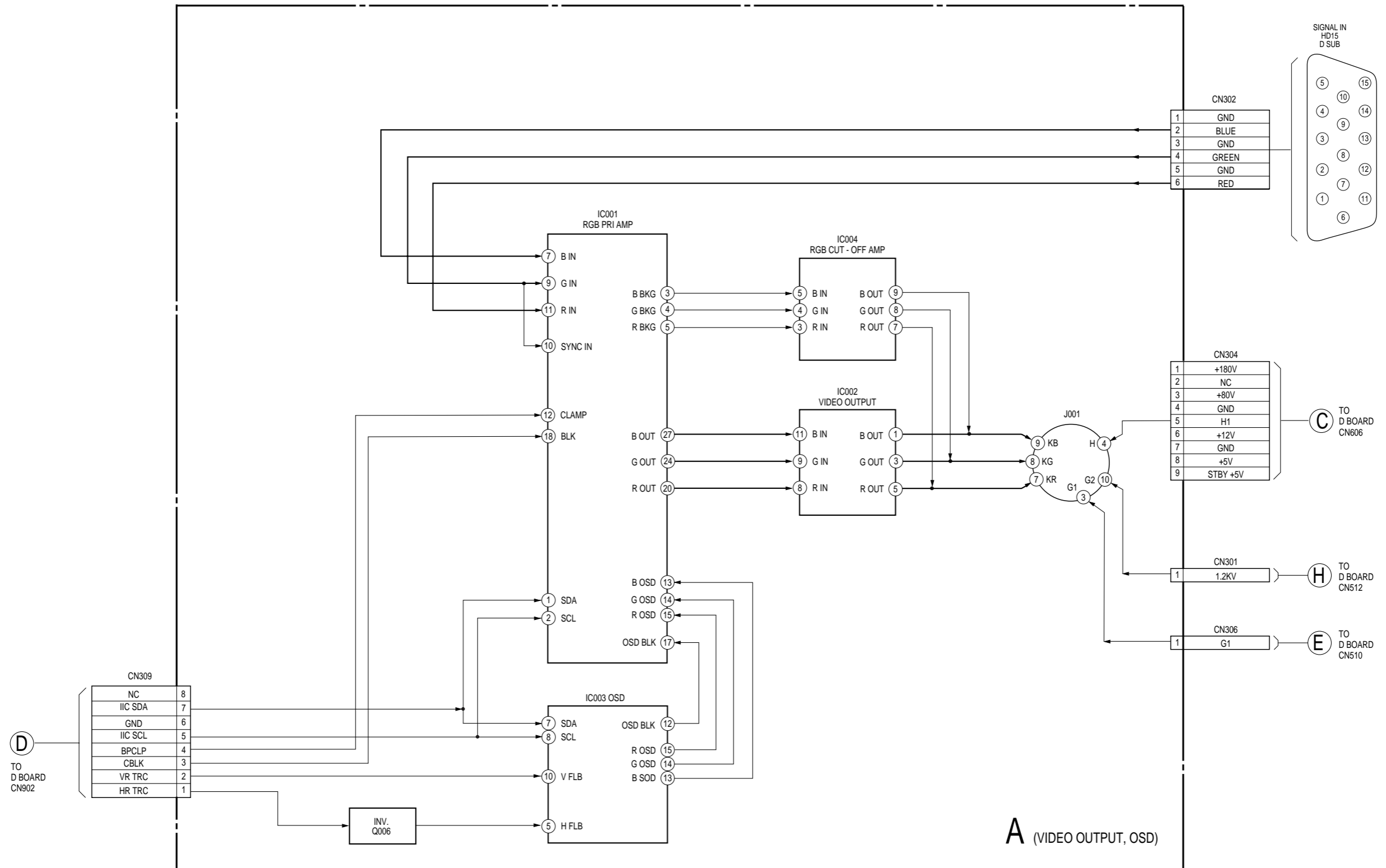
• **Focus rough adjustment**

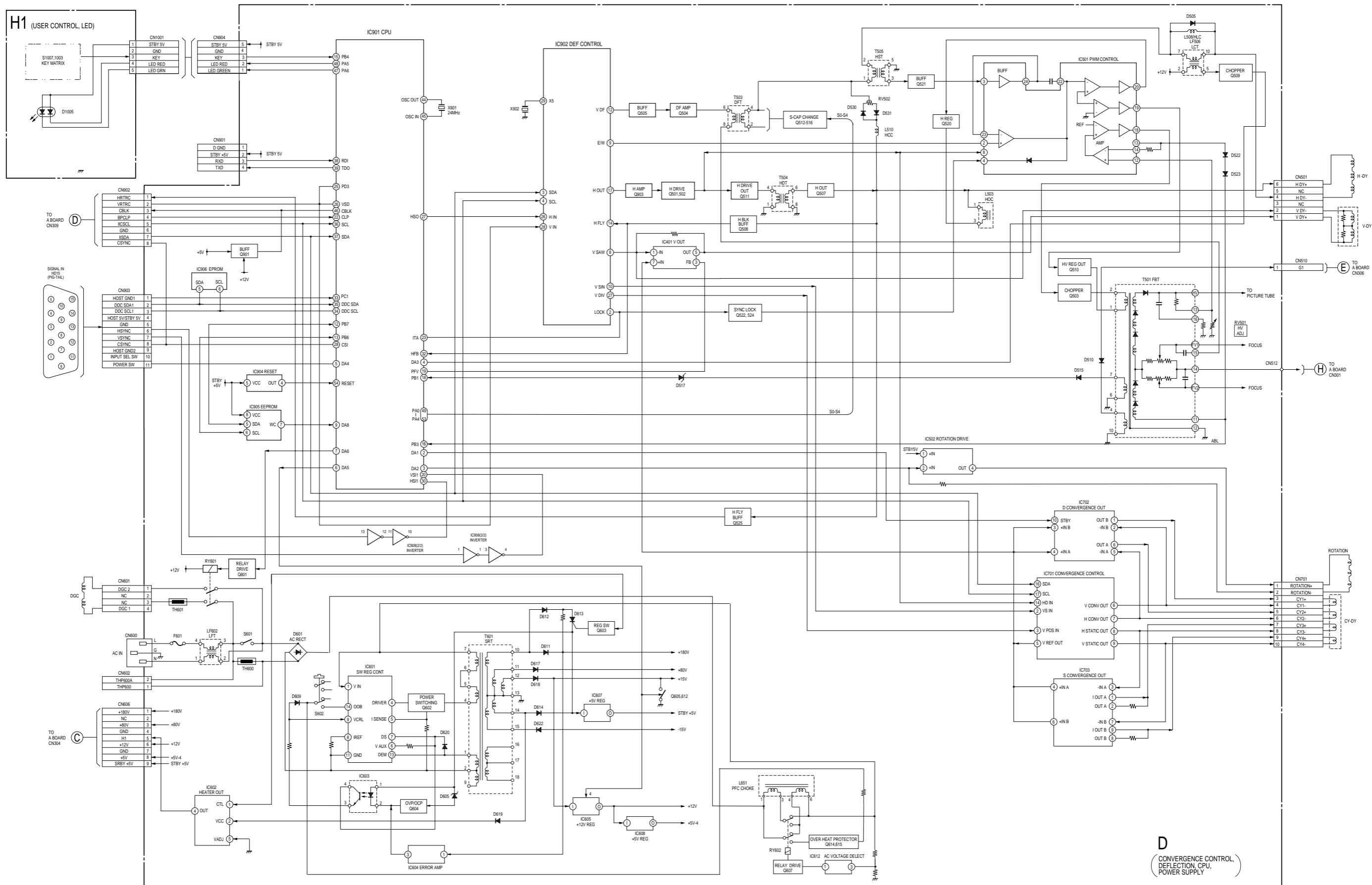
1. Receive the mE pattern signal. (black characters on green)
2. Adjust the H FOCUS of the screen corner with Fcous VR in the bottom of the FBT.
3. Receive the cross-hatch pattern signal .(green line on black)
4. Adjust the V FOCUS of the center and the y-axis with the FOCUS VR in the top of FBT.



SECTION 4 DIAGRAMS

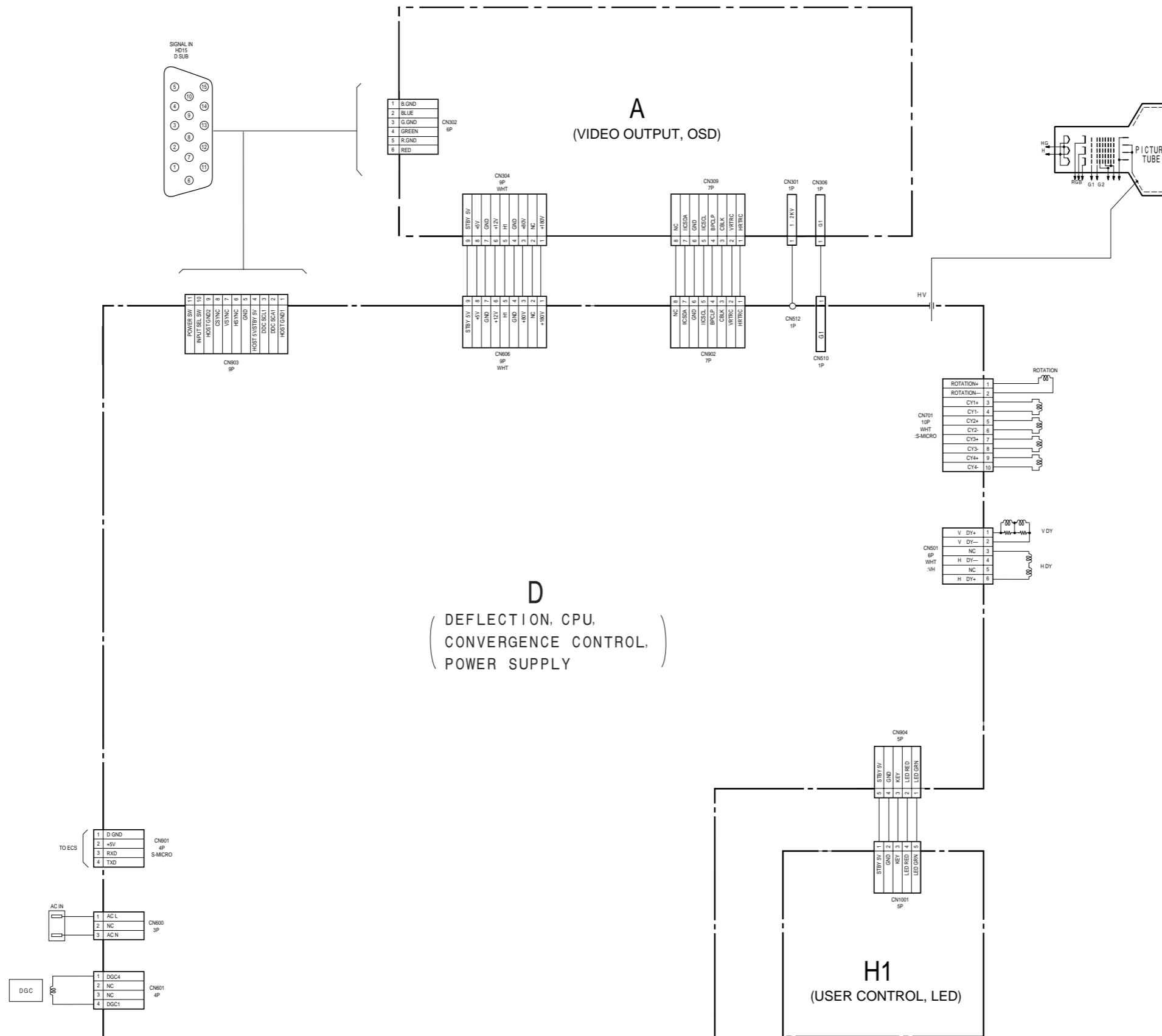
4-1. BLOCK DIAGRAMS





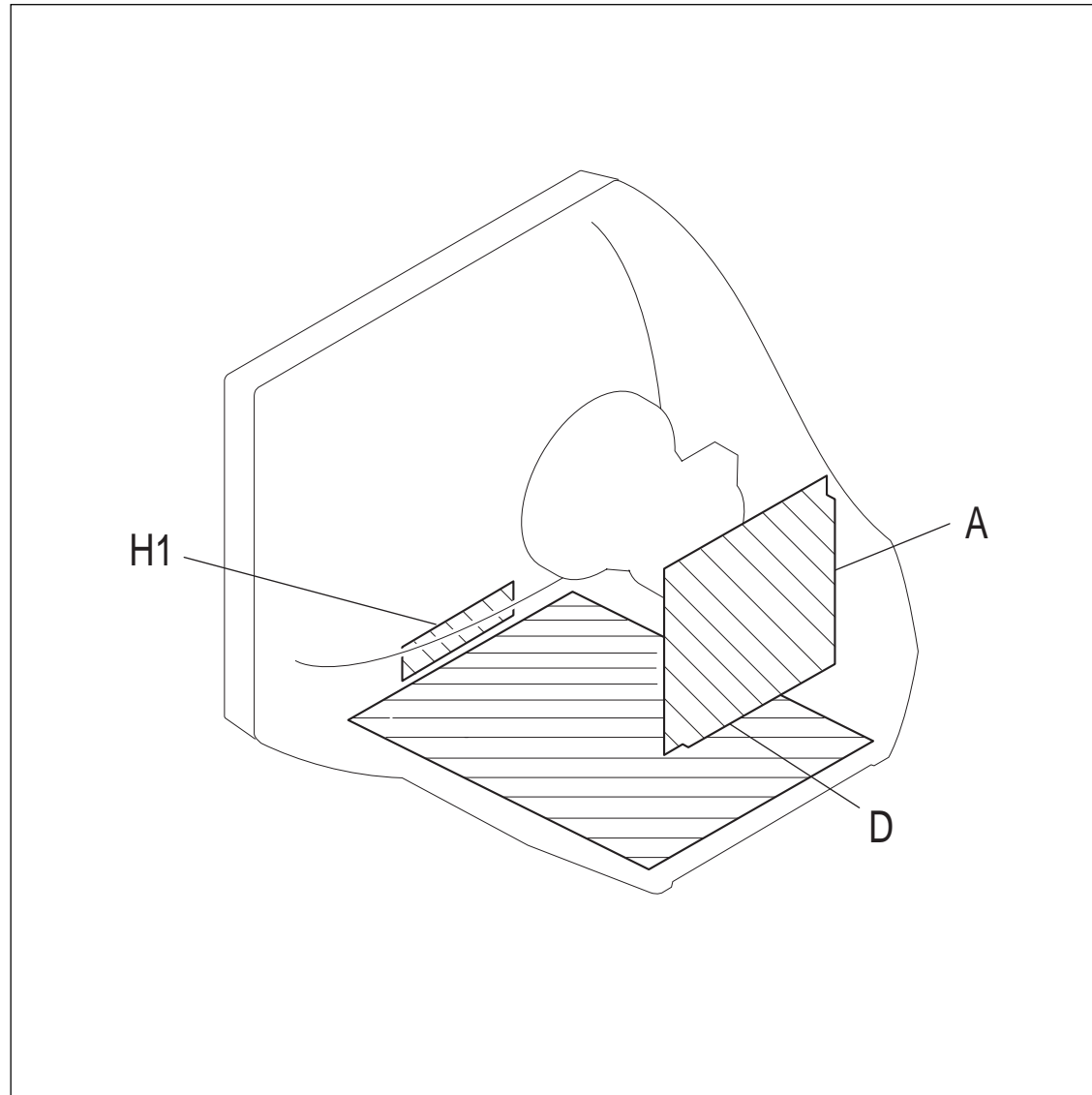
D
 (CONVERGENCE CONTROL,
 DEFLECTION, CPU,
 POWER SUPPLY)

4-2. FRAME SCHEMATIC DIAGRAM



B-S33588<NH...>-KESSENZU

4-3. CIRCUIT BOARDS LOCATION













4-4. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS


Note:


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

Pitch: 5 mm







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

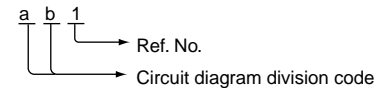
- All resistors are in ohms.
-  : nonflammable resistor.
-  : fusible resistor.
-  : internal component.
-  : panel designation, and adjustment for repair.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
-  : earth-ground.
-  : earth-chassis.
- The components 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 Ω 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  on the code D- sheet is connected to  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, 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)

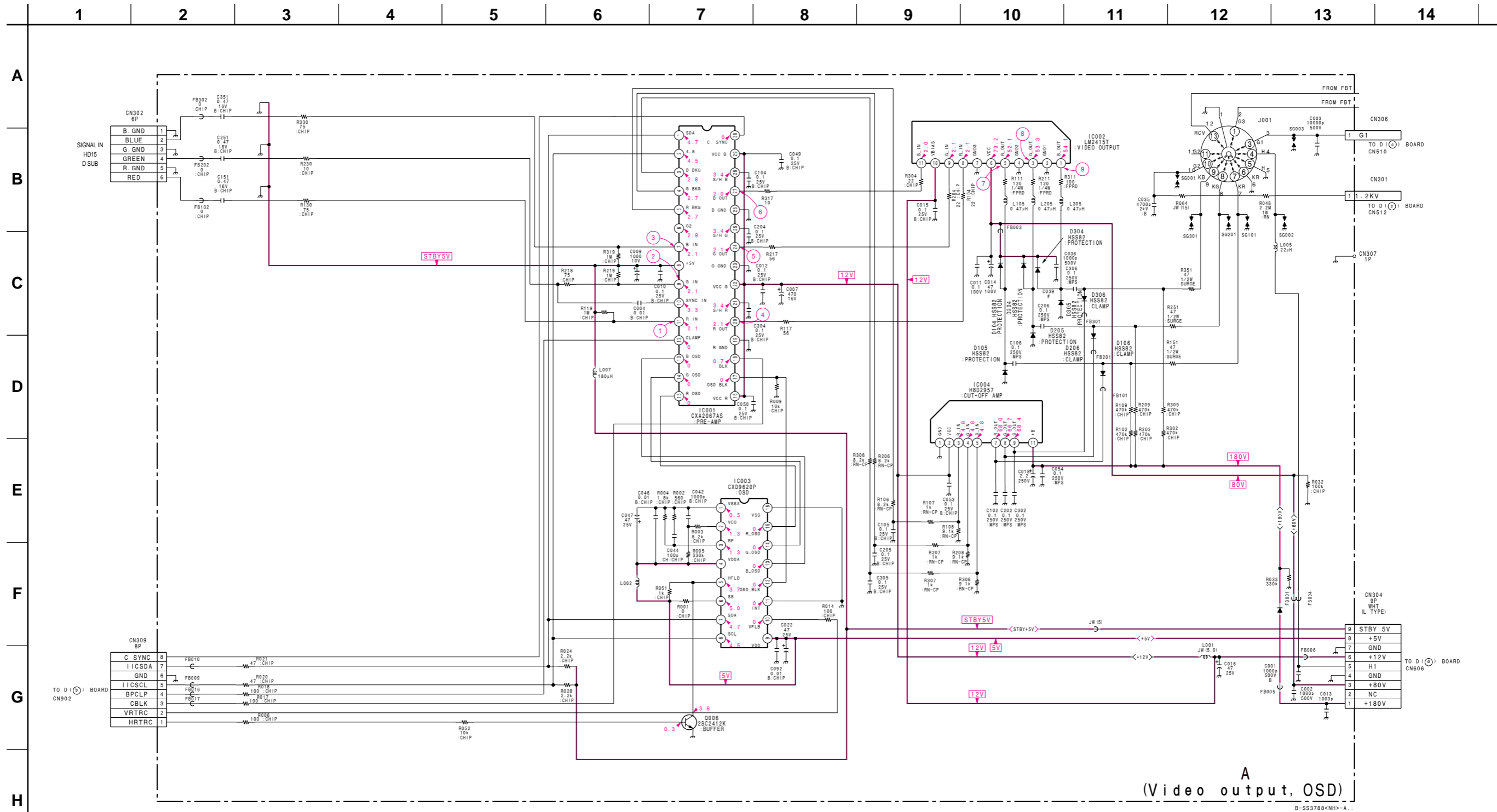
Terminal name of semiconductors in silk screen printed circuit (*)

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

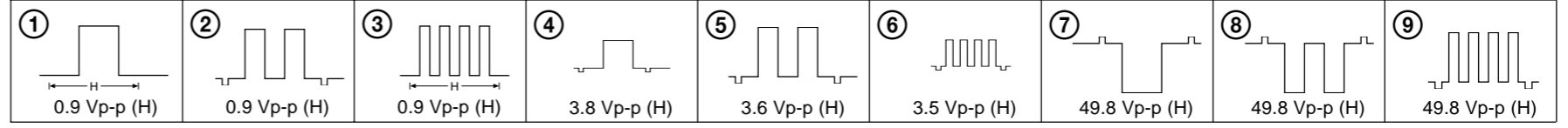
(Chip semiconductors that are not actually used are included.)

Ver.1.6

(1) Schematic Diagram of A Board



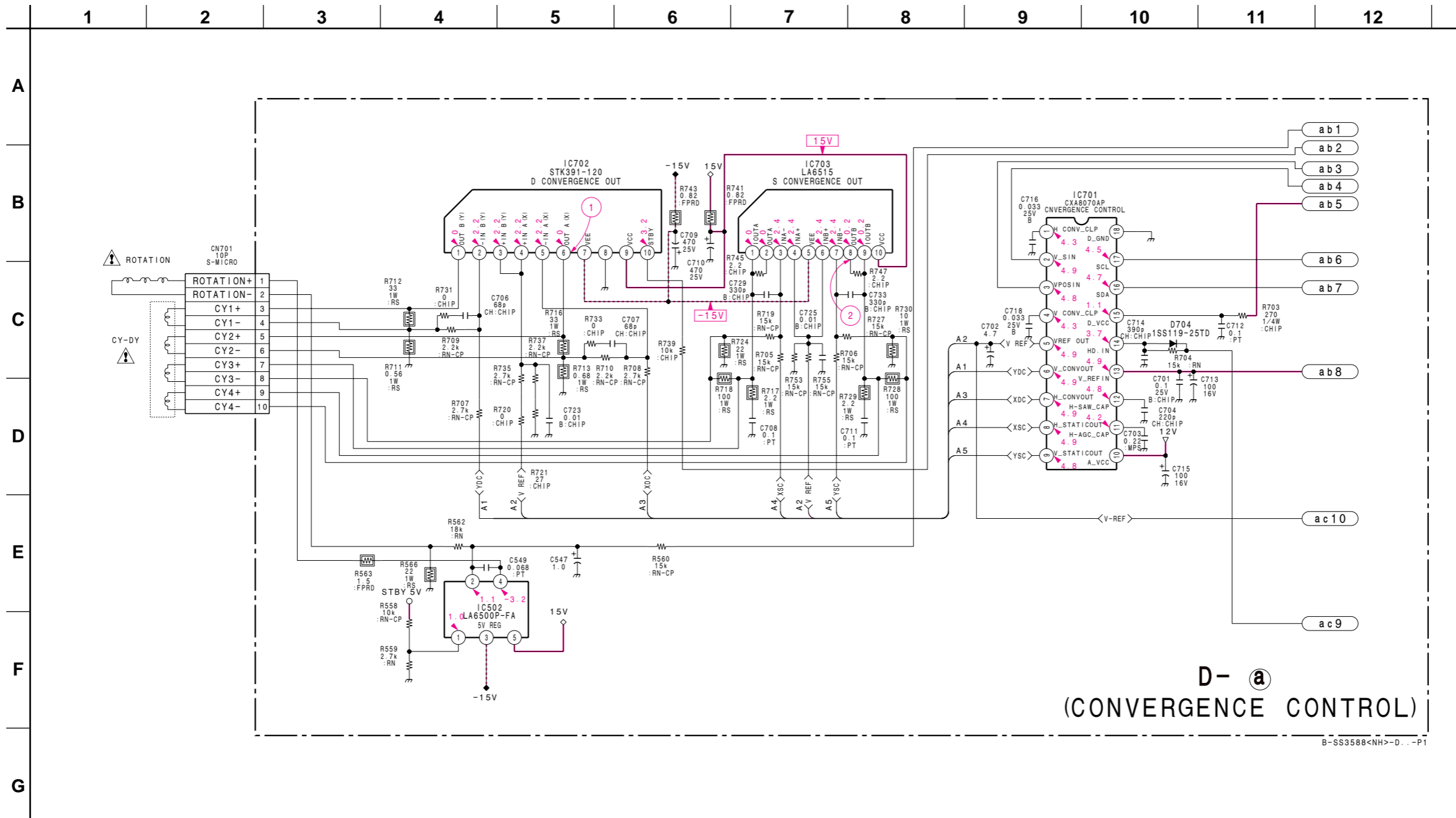
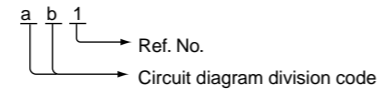
• A BOARD WAVEFORMS



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

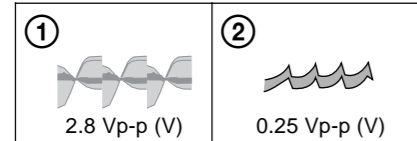
- Divided circuit diagram

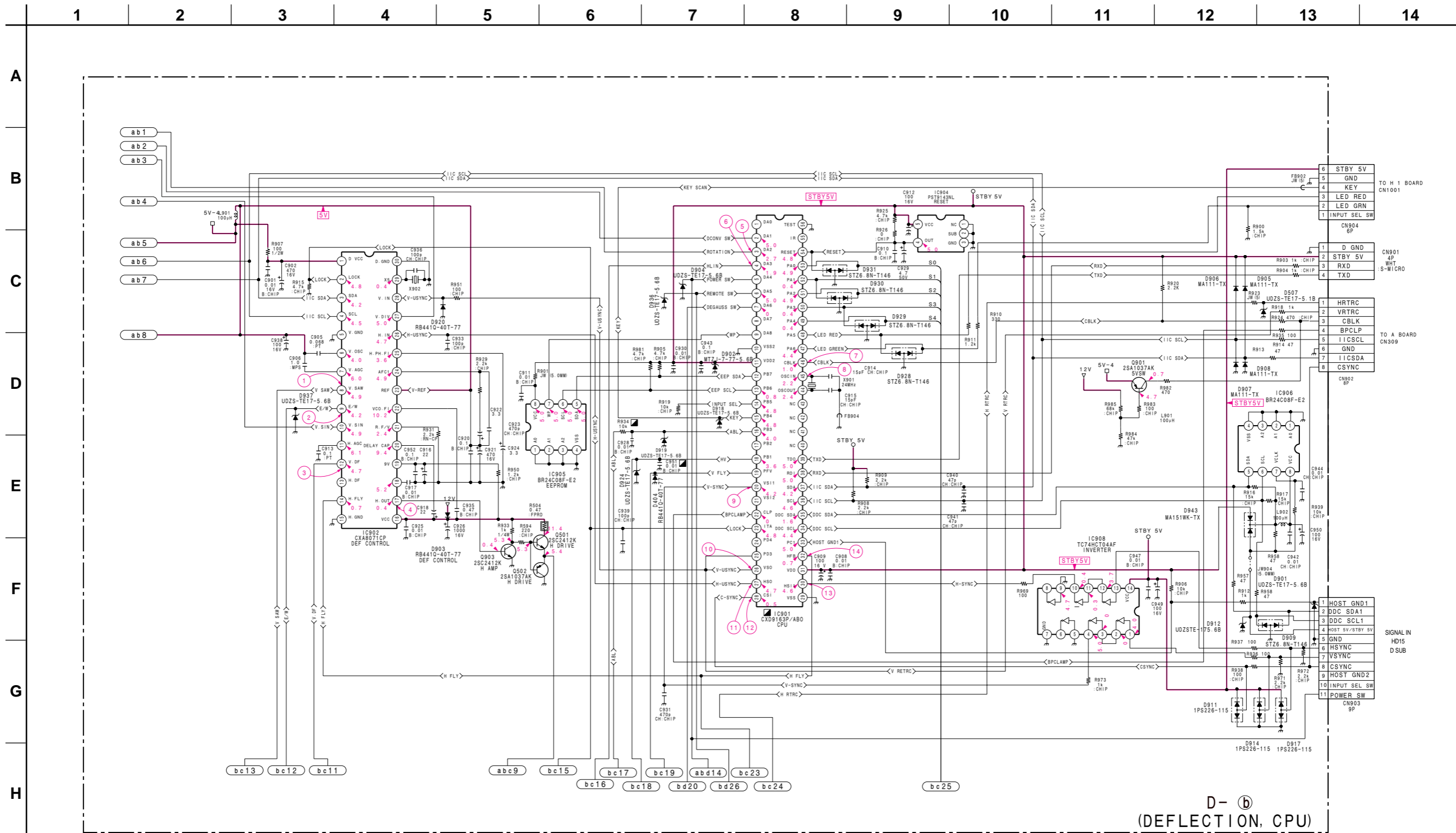
One sheet of D board circuit diagram is divided into three sheets, each having the code D-**a** to D-**c**. For example, the destination **(ab1)** on the code D-**a** sheet is connected to **(ab1)** on the D-**b** sheet.



B-SS3588<NH>-D...-P1

• D-**a** BOARD WAVEFORMS

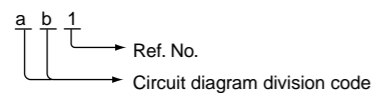




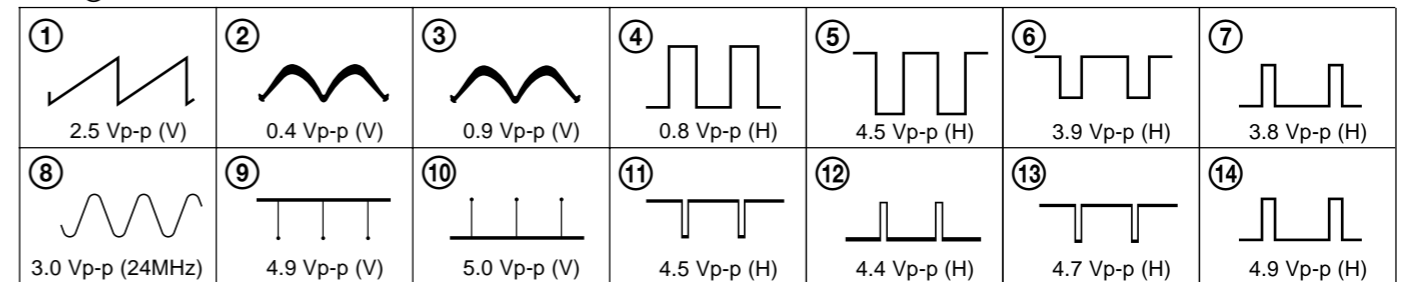
D-Ⓟ
(DEFLECTION, CPU)

B-SS368<NH>-D-1-P2

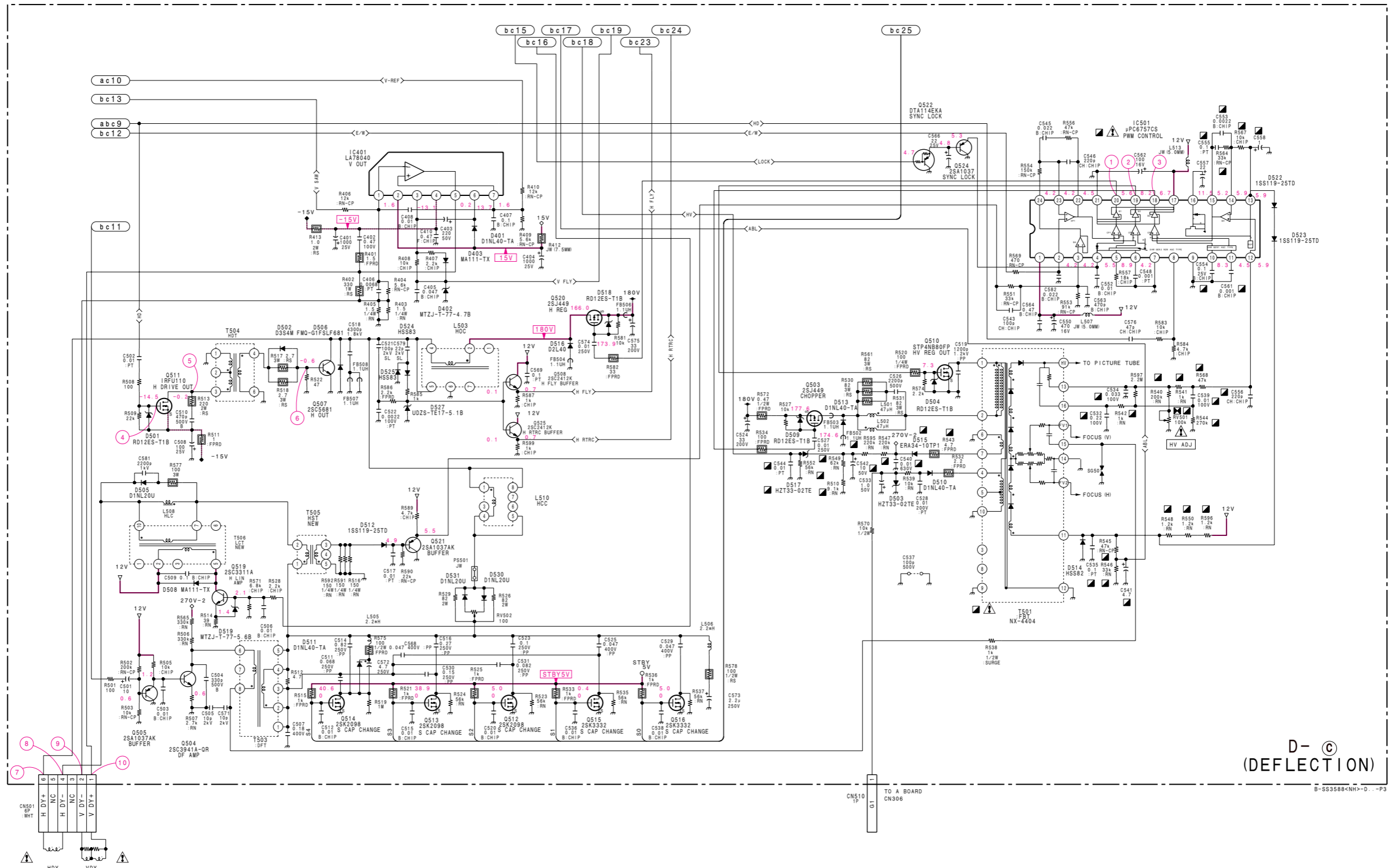
- Divided circuit diagram
- One sheet of D board circuit diagram is divided into three sheets, each having the code D-ⓐ to D-ⓒ. For example, the destination (ab1) on the code D-ⓐ sheet is connected to (ab1) on the D-ⓑ sheet.



• D-Ⓟ BOARD WAVEFORMS



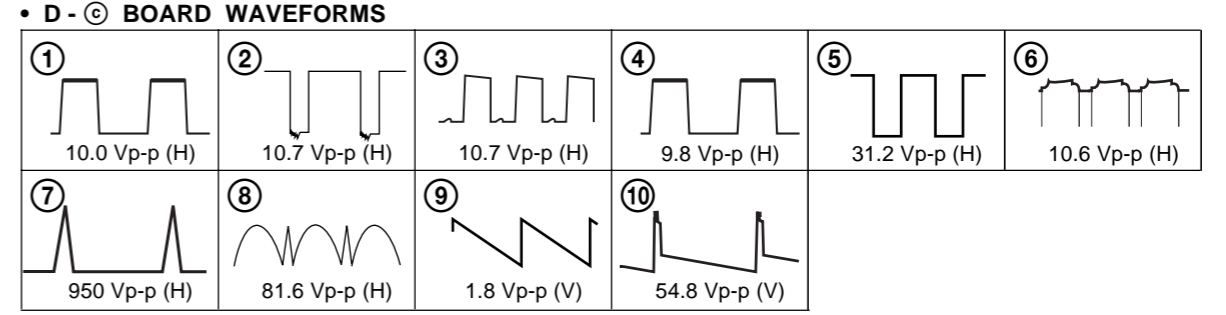
A
B
C
D
E
F
G
H
I

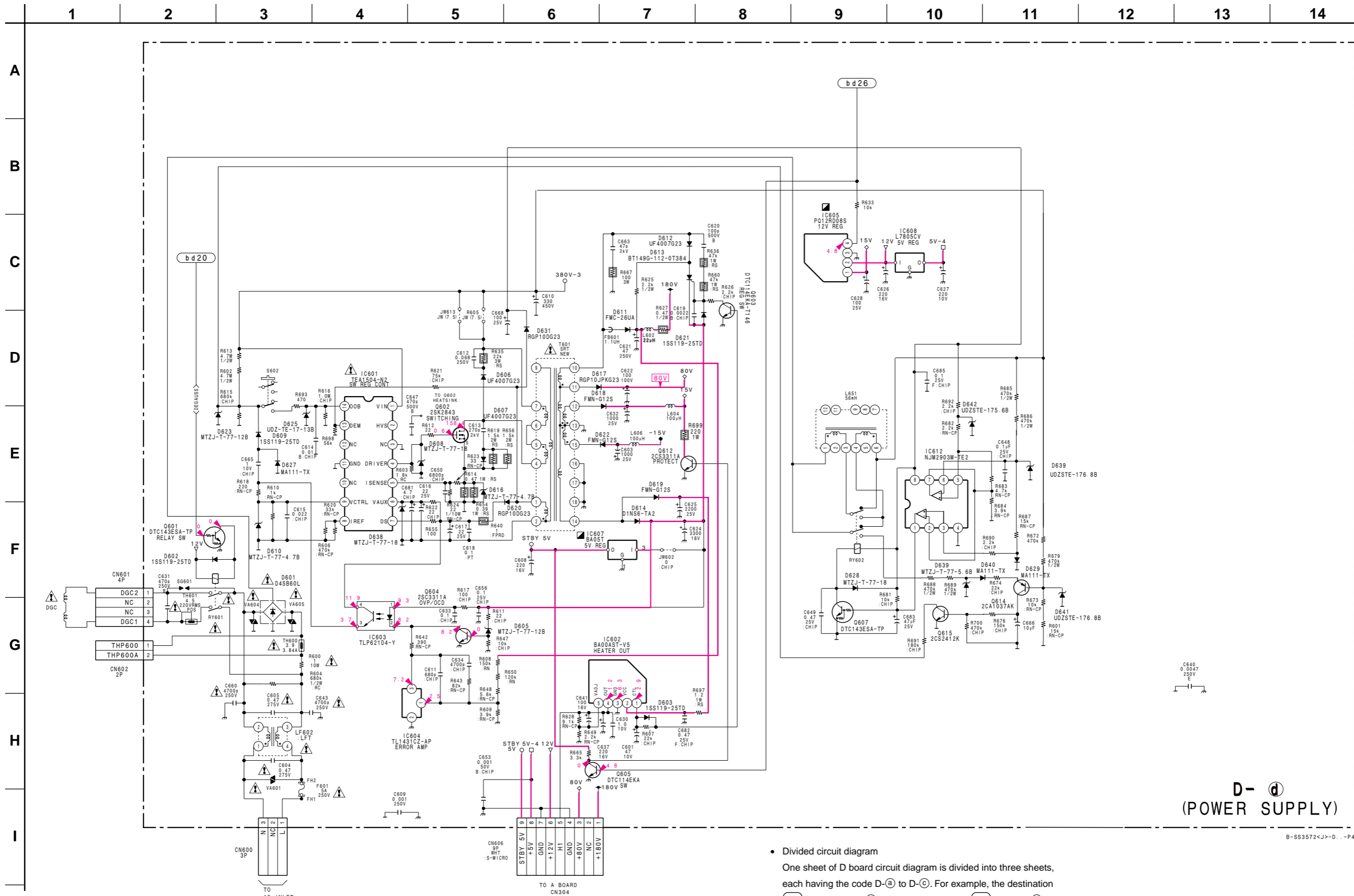


D-© (DEFLECTION)

• 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.

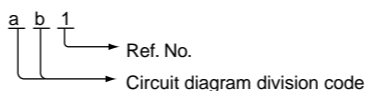
a b 1
 Ref. No.
 Circuit diagram division code





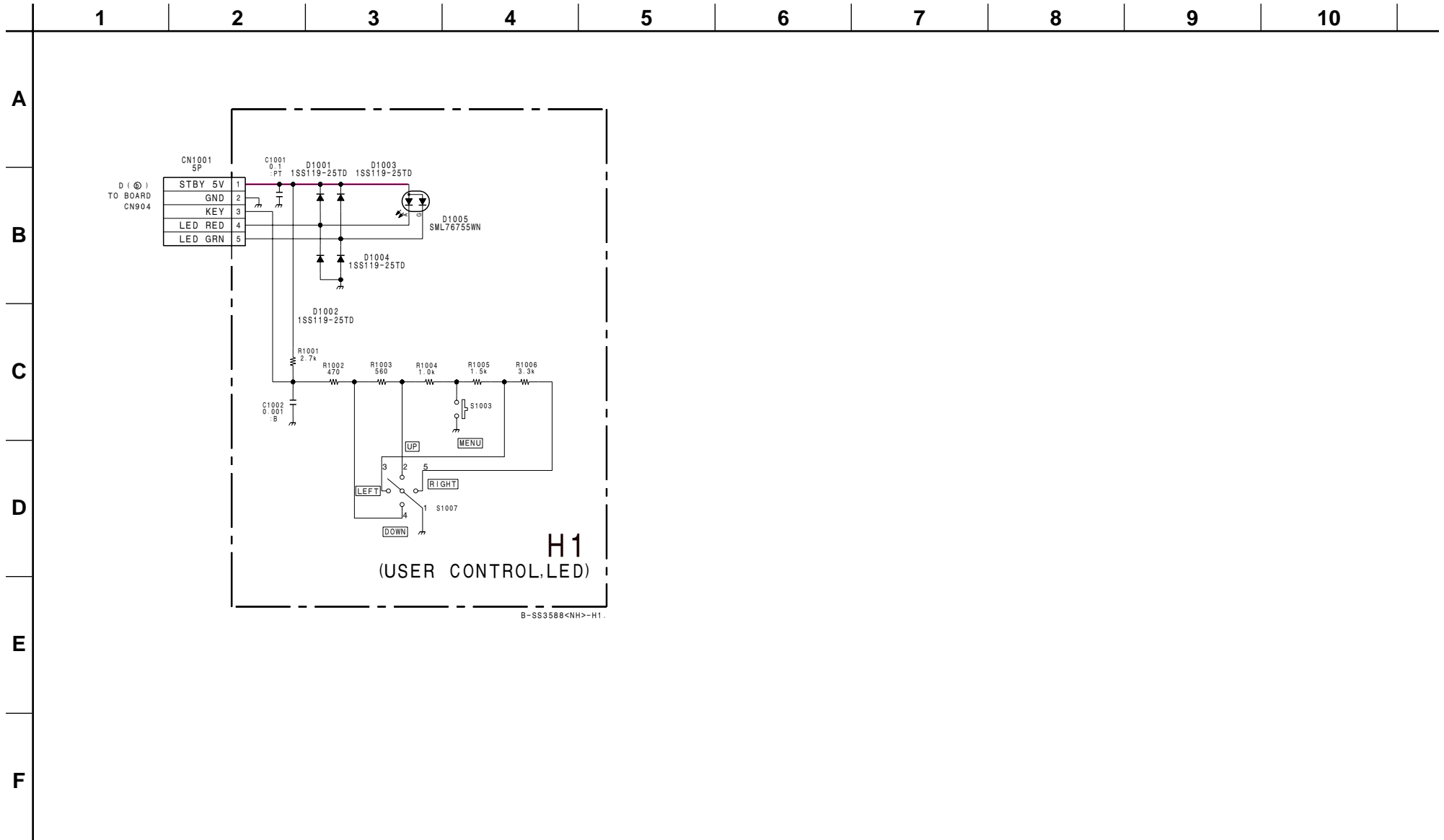
D- d
(POWER SUPPLY)

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



B-SS3572<J>-D...-P4

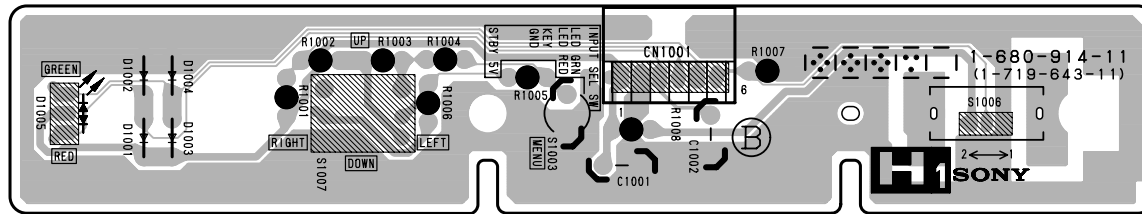
(4) Schematic Diagram of H1 Board



H1

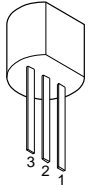
[USER CONTROL, LED]

— H1 BOARD —

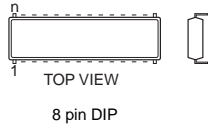


4-5. SEMICONDUCTORS

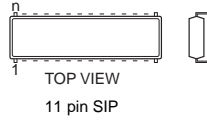
AS431LAN-TR
TL1431CZ



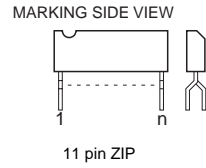
CAT24WC08J-TE13



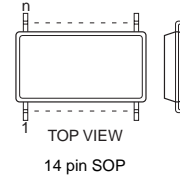
H8D2957



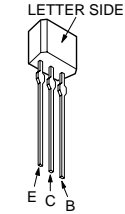
LM2415T



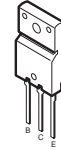
TC74HCT04AF(EL)



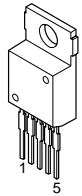
DTC143ESA
DTC143ESA-TP
2SC2785-HFE
2SC3311A-RTA



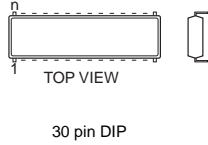
2SC5681-CA



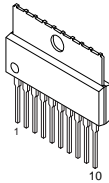
BA00AST-V5
LA6500-FA



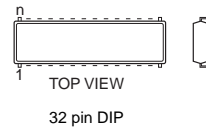
CXA2067AS
CXA8071CP



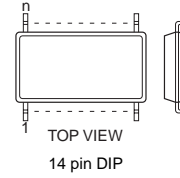
LA6510



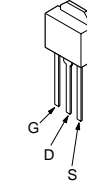
MM1470AD



TEA1504-N2



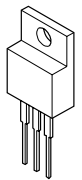
STD5NE10-1



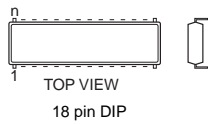
2SK2843LBSOBY



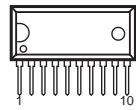
BA05T
L7805CV
TA7805S



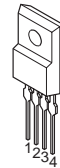
CXA8070AP



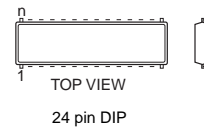
LA6515



PQ12RD8S



UPC5021-109
UPC6757CS

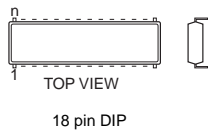


STP4NB80FP(025Y)
STP5NA80F1
STP5NA80F1(020Y)
2SJ449
2SK2098-01MR-F119
2SK2605LBSOBY
2SK3332

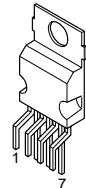
2SK3155



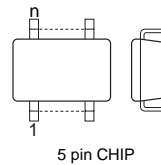
CXD9620P



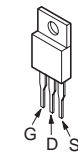
LA78040



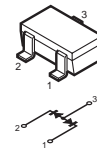
PST9143NL



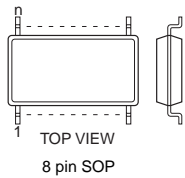
DAT114EKA-T146
DTC114EKA-T146
PDTA114EK-116
PDTC114EK-115
2SA1037AK-T146-QR
2SC1623-L5L6



AZ23C6VZ
STZ6.8N-T146



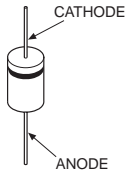
BR24C21F-E2
ST24FC21M6TR



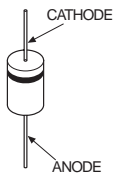
2SC3941A-Q(TA)



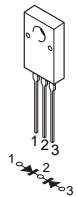
D1NL20U
D1NL20U-TA2
D1NL20U-TR
UF4007G23



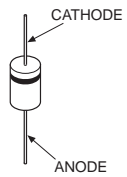
D1NL40-TA
D1NL40-TA2
D1NS6
D1NS6-TA2
D2L40-TA
ERA34-10TP1
ERB91-02
ERB91-02TP1
HSS82-TJ
HSS83TD
NNCD5.6A-T1
P6KE150A
P6KE150AG23
P6KE150ARL
RGP10DG23
RGP10JPKG23



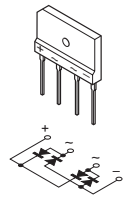
D10SC9M



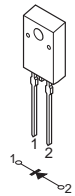
D3S4M
ERC81-004
RM-1A
1E3
1E4
1SS133T-77



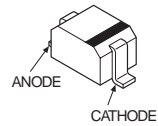
D4SB60L



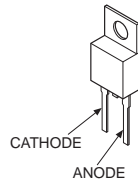
D5L60



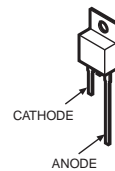
DTZ13B
HZU5.6B2TRF
MA111-(K8).SO
MA111-TX
PDZ5.6B-115
UDZ-TE-17-13B
UDZ-TE-17-5.1B
UDZ-TE-17-5.6B
1SS355TE-17



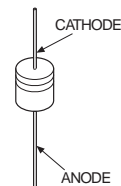
FMN-26UA
FMN-G12S
RM11A



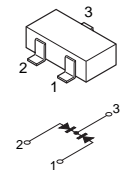
FMQ-G1FSLF681



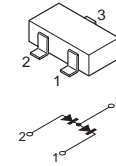
HZS12NB2TD
HZS18NTD
HZS4.7NB2TD
HZS5.6NB2TD
MTZJ-4.7C
MTZJ-T-77-12
MTZJ-T-77-12B
MTZJ-T-77-18B
MTZJ-T-77-4.7B
MTZJ-T-77-5.6B
NNCD12A-TL
RB441Q-40T-77
RD12ES-B2
RD12ES-T1B2
RD18ES-B2
RD18ES-T1B2
RD4.7ES-T1B2
RD5.6ES-T1B2
RD5.6ESB2
RK44LF015-115
UZ-4.7BSC
1SR139-400T31
1SS119-25
1SS119-25TD



MA151WK-TX
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.

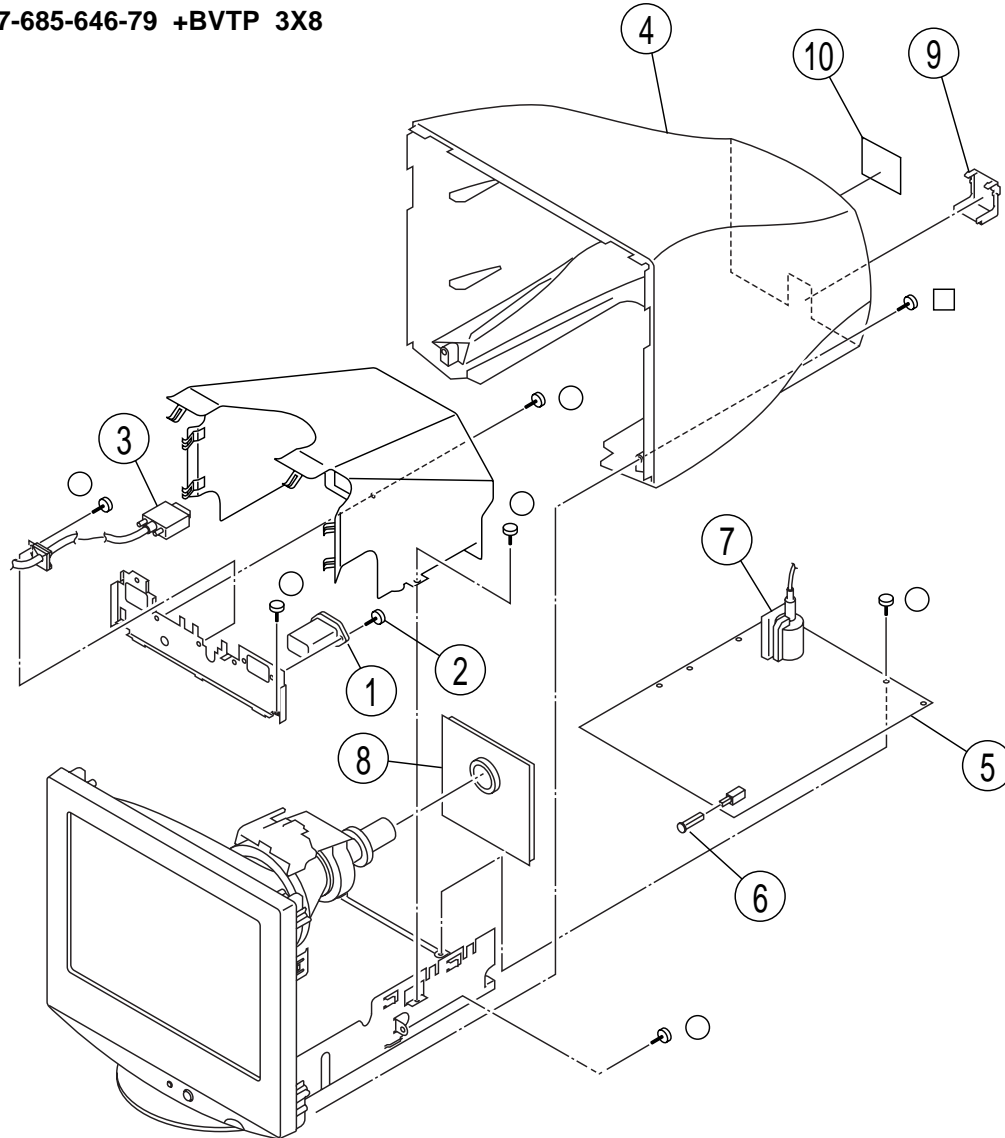
The components identified \triangle marked are critical for safety.
Replace only with the part number specified.

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

5-1. CHASSIS

□ 7-685-663-71 +BVTP 4X16

○ 7-685-646-79 +BVTP 3X8

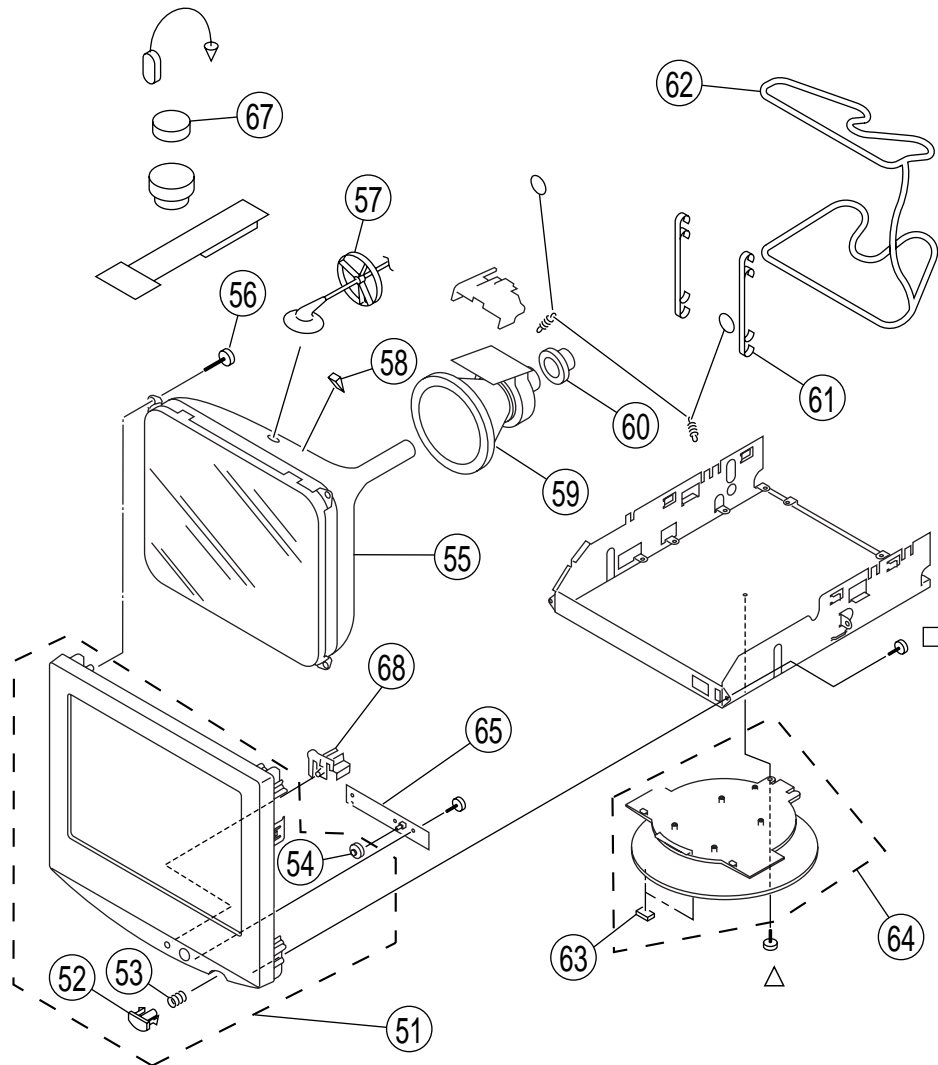


REF.NO.	PART NO.	DESCRIPTION	REMARK
1	△ 1-251-382-31	INLET, AC 3P(WITH NOISE FILTER)	
2	4-052-345-01	SCREW, (3X8) (+K), TAPPING	
3	1-757-472-11	CABLE ASSY(15 DSUB CONNECTOR)	
4	4-206-076-21	CABINET (AEP)	
4	4-081-907-11	CABINET (NH, SH, EQ)	
5	* 8-933-528-00	D BOARD, COMPLETE	
6	4-079-908-01	CAP, POWER	
7	△ 1-453-368-11	TRANSFORMER ASSY, FLYBACK (NX4405/J1J1)	
8	* 8-933-523-00	A BOARD, COMPLETE	
9	4-080-325-21	COVER, PIGTALL	
10	* 4-085-743-01	LABEL, INFORMATION (NH, SH, EQ)	

5-2. PICTURE TUBE

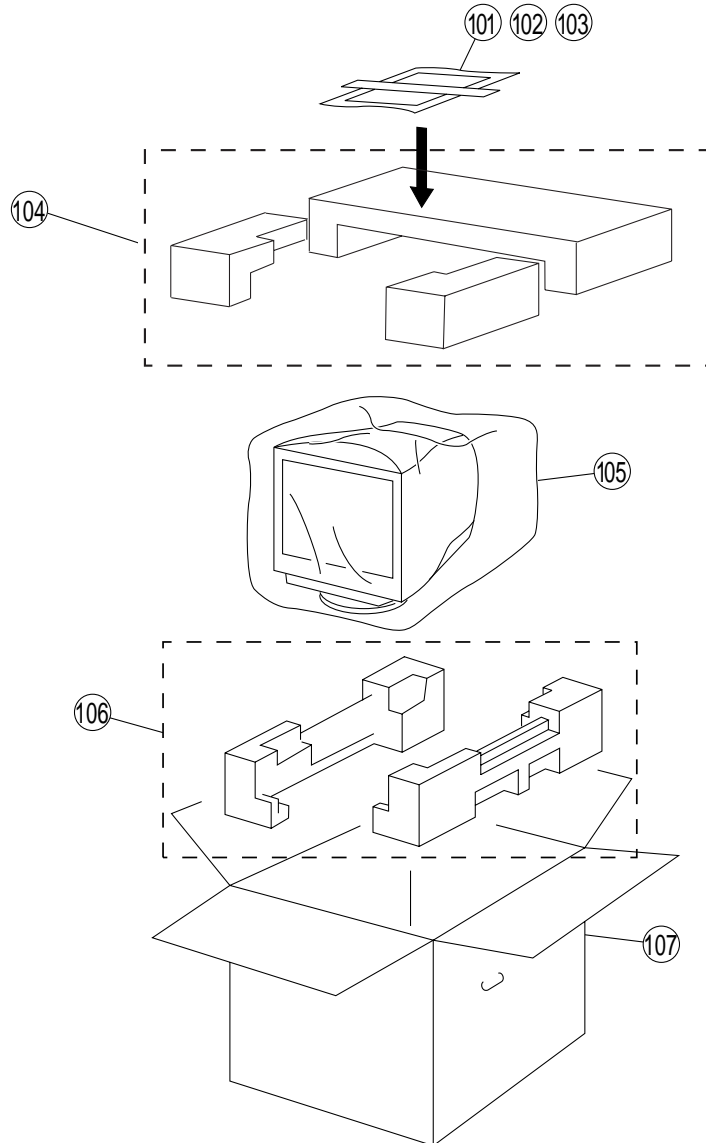
□ 7-685-663-71 +BVTP 4X16

△ 7-685-881-09 +BVTT 4X8



REF.NO.	PART NO.	DESCRIPTION	REMARK
51	X-4200-801-1	BEZEL ASSY (AEP)	
51	X-4039-290-1	BEZEL ASSY (NH, SH, EQ)	52-54
52	4-081-910-11	BUTTON, POWER(17)	
53	4-081-905-01	SPRING, COMPRESSION	
54	4-081-904-11	JOYSTICK17	
55	△ 8-738-558-05	CRT 17TKB (AEP,NH)	
55	△ 8-738-559-05	CRT 17TKB (SH, EQ)	
56	4-365-808-01	SCREW(5), TAPPING	
57	3-704-372-01	HOLDER, HV CABLE	
58	4-040-897-01	SPACER, DY	
59	△ 8-451-522-11	DEFLECTION YOKE (Y17TKJ3-Y)	
60	△ 1-452-923-41	NECK ASSEMBLY (NA-2915)	
61	* 4-371-521-01	BAND (L), DEGAUSS COIL	
62	△ 1-419-092-21	COIL, DEGAUSSING	
63	* 4-061-996-01	CUSHION	
64	X-4200-800-1	STAND ASSY (AEP)	63
64	X-4039-291-1	STAND ASSY (NH, SH, EQ)	63
65	* 8-933-529-00	H1 BOARD, COMPLETE	
67	1-452-032-00	MAGNET, DISC	
68	4-081-911-11	BUTTON, MENU	

5-3. PACKING MATERIALS



REF.NO.	PART NO.	DESCRIPTION	REMARK
101	△ 1-792-218-21	CORD SET, POWER (AEP)	
101	△ 1-765-719-31	CORD SET, POWER (NH, EQ)	
101	△ 1-558-481-21	CORD SET, POWER (SH)	
102	1-785-512-31	CONNECTOR, D SUB (15P CHANGER)	
103	4-084-559-21	MANUAL, INSTRUCTION(AEP)	
103	4-084-559-11	MANUAL, INSTRUCTION(NH, SH, EQ)	
104	* 4-206-082-01	CUSHION, UPPER (AEP)	
104	* 4-081-633-11	CUSHION, UPPER (NH)	
104	* 4-081-633-01	CUSHION, UPPER (SH, EQ)	
105	* 4-041-927-31	BAG, POLYETHYLENE	
106	* 4-206-083-01	CUSHION , LOWER (AEP)	
106	* 4-081-634-11	CUSHION , LOWER (NH)	
106	* 4-081-634-01	CUSHION , LOWER (SH, EQ)	
107	* 4-084-624-01	INDIVIDUAL CARTON	

SECTION 6

ELECTRICAL PARTS LIST

NOTE:

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

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

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

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

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

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

RESISTORS

- All resistors are in ohms
- F : nonflammable

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	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		C012	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
10		A	CAPACITOR		C013	1-162-318-11	CERAMIC 0.001UF 10.00% 500V			
11		A	CAPACITOR		C014	1-128-562-11	ELECT 47UF 20.00% 100V			
12		A	CAPACITOR		C015	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
13		A	CAPACITOR		C016	1-126-947-11	ELECT 47UF 20.00% 25V			
14		A	CAPACITOR		C018	1-107-649-11	ELECT 2.2UF 20.00% 250V			
15		A	CAPACITOR		C022	1-126-947-11	ELECT 47UF 20.00% 25V			
16		A	CAPACITOR		C035	1-162-114-00	CERAMIC 0.0047UF 2KV			
17		A	CAPACITOR		C036	1-162-318-11	CERAMIC 0.001UF 10.00% 500V			
18		A	CAPACITOR		C042	1-163-009-91	CERAMIC CHIP 0.001UF 10.00% 50V			
19		A	CAPACITOR		C044	1-163-251-11	CERAMIC CHIP 100PF 5.00% 50V			
20		A	CAPACITOR		C046	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
21		A	CAPACITOR		C047	1-126-947-11	ELECT 47UF 20.00% 25V			
22		A	CAPACITOR		C049	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
23		A	CAPACITOR		C050	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
24		A	CAPACITOR		C053	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
25		A	CAPACITOR		C054	1-137-528-11	MYLAR 0.1UF 10.00% 250V			
26		A	CAPACITOR		C092	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
27		A	CAPACITOR		C102	1-137-528-11	MYLAR 0.1UF 10.00% 250V			
28		A	CAPACITOR		C104	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
29		A	CAPACITOR		C105	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
30		A	CAPACITOR		C106	1-137-528-11	MYLAR 0.1UF 10.00% 250V			
31		A	CAPACITOR		C112	1-163-231-11	CERAMIC CHIP 15PF 5.00% 50V			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
32		A	CAPACITOR		C151	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
33		A	CAPACITOR		C202	1-137-528-11	MYLAR 0.1UF 10.00% 250V			
34		A	CAPACITOR		C204	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
35		A	CAPACITOR		C205	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
36		A	CAPACITOR		C206	1-137-528-11	MYLAR 0.1UF 10.00% 250V			
37		A	CAPACITOR		C212	1-163-231-11	CERAMIC CHIP 15PF 5.00% 50V			
38		A	CAPACITOR		C251	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
39		A	CAPACITOR		C302	1-137-528-11	MYLAR 0.1UF 10.00% 250V			
40		A	CAPACITOR		C304	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
41		A	CAPACITOR		C305	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
42		A	CAPACITOR		C306	1-137-528-11	MYLAR 0.1UF 10.00% 250V			
43		A	CAPACITOR		C312	1-163-229-11	CERAMIC CHIP 12PF 5.00% 50V			
44		A	CAPACITOR		C351	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
45		A	CONNECTOR		CN301	1-785-879-11	"CONNECTOR, ONE TOUCH"			
46		A	CONNECTOR	*	CN302	1-815-022-11	"PIN, CONNECTOR (WITH PWB) 6P"			
47		A	CONNECTOR	*	CN304	1-564-524-11	"PLUG, CONNECTOR 9P"			
48		A	CONNECTOR		CN306	1-506-108-41	"PIN, CONNECTOR (TERMINAL PIN)"			
49		A	CONNECTOR		CN307	1-695-915-11	TAB (CONTACT)			
50		A	CONNECTOR	*	CN309	1-564-523-11	"PLUG, CONNECTOR 8P"			
51		A	DIODE		D001	8-719-970-02	DIODE 1SR139-400T31			
52		A	DIODE		D104	8-719-970-83	HSS82-TJ			
53		A	DIODE		D105	8-719-970-83	HSS82-TJ			
54		A	DIODE		D106	8-719-970-83	HSS82-TJ			
55		A	DIODE		D111	8-719-062-51	1PS226-115			
56		A	DIODE		D204	8-719-970-83	HSS82-TJ			
57		A	DIODE		D205	8-719-970-83	HSS82-TJ			
58		A	DIODE		D206	8-719-970-83	HSS82-TJ			
59		A	DIODE		D211	8-719-062-51	1PS226-115			
60		A	DIODE		D304	8-719-970-83	HSS82-TJ			
61		A	DIODE		D305	8-719-970-83	HSS82-TJ			
62		A	DIODE		D306	8-719-970-83	HSS82-TJ			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
63		A	DIODE		D311	8-719-062-51	1PS226-115			
64		A	FERRITE BEAD		FB001	1-412-911-11	FERRITE 0UH			
65		A	FERRITE BEAD		FB003	1-412-911-11	FERRITE 0UH			
66		A	FERRITE BEAD		FB004	1-412-911-11	FERRITE 0UH			
67		A	FERRITE BEAD		FB005	1-412-911-11	FERRITE 0UH			
68		A	FERRITE BEAD		FB006	1-412-911-11	FERRITE 0UH			
69		A	FERRITE BEAD		FB009	1-412-911-11	FERRITE 0UH			
70		A	FERRITE BEAD		FB010	1-412-911-11	FERRITE 0UH			
71		A	FERRITE BEAD		FB101	1-412-911-11	FERRITE 0UH			
72		A	CONDUCTOR		FB102	1-216-295-91	SHORT 0			
73		A	FERRITE BEAD		FB201	1-412-911-11	FERRITE 0UH			
74		A	CONDUCTOR		FB202	1-216-295-91	SHORT 0			
75		A	FERRITE BEAD		FB301	1-412-911-11	FERRITE 0UH			
76		A	CONDUCTOR		FB302	1-216-295-91	SHORT 0			
77		A	IC		IC001	8-752-094-09	CXA2067AS			
78		A	IC		IC002	8-759-596-65	LM2415T			
79		A	IC		IC003	8-759-698-56	IC CXD9620P			
80		A	IC		IC004	8-749-016-27	H8D2957			
81		A	SOCKET		J001	1-451-524-11	"SOCKET, CRT"			
82		A	CHIP CONDUCTOR		JR2	1-216-296-11	SHORT 0			
83		A	CHIP CONDUCTOR		JR3	1-216-296-11	SHORT 0			
84		A	CHIP CONDUCTOR		JR4	1-216-296-11	SHORT 0			
85		A	CHIP CONDUCTOR		JR5	1-216-296-11	SHORT 0			
86		A	CHIP CONDUCTOR		JR7	1-216-296-11	SHORT 0			
87		A	CHIP CONDUCTOR		JR8	1-216-296-11	SHORT 0			
88		A	FERRITE BEAD		L002	1-412-911-11	FERRITE 0UH			
89		A	COIL		L005	1-412-529-11	INDUCTOR 22UH			
90		A	COIL		L007	1-408-617-31	INDUCTOR 180UH			
91		A	COIL		L105	1-410-750-41	INDUCTOR 0.47UH			
92		A	COIL		L205	1-410-750-41	INDUCTOR 0.47UH			
93		A	COIL		L305	1-410-750-41	INDUCTOR 0.47UH			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
94		A	TRANSISTOR		Q006	8-729-120-28	2SC1623-L5L6			
95		A	RESISTOR		R001	1-216-295-91	SHORT 0			
96		A	RESISTOR		R002	1-216-043-91	RES-CHIP 560 5% 1/10W			
97		A	RESISTOR		R003	1-216-071-00	RES-CHIP 8.2K 5% 1/10W			
98		A	RESISTOR		R004	1-216-055-00	RES-CHIP 1.8K 5% 1/10W			
99		A	RESISTOR		R005	1-216-109-00	RES-CHIP 330K 5% 1/10W			
100		A	RESISTOR		R006	1-216-025-11	RES-CHIP 100 5% 1/10W			
101		A	RESISTOR		R009	1-216-073-91	RES-CHIP 10K 5% 1/10W			
102		A	RESISTOR		R014	1-216-025-11	RES-CHIP 100 5% 1/10W			
103		A	RESISTOR		R017	1-216-025-11	RES-CHIP 100 5% 1/10W			
104		A	RESISTOR		R018	1-216-025-11	RES-CHIP 100 5% 1/10W			
105		A	RESISTOR		R020	1-216-017-91	RES-CHIP 47 5% 1/10W			
106		A	RESISTOR		R021	1-216-017-91	RES-CHIP 47 5% 1/10W			
107		A	RESISTOR		R024	1-216-057-00	RES-CHIP 2.2K 5% 1/10W			
108		A	RESISTOR		R028	1-216-057-00	RES-CHIP 2.2K 5% 1/10W			
109		A	RESISTOR		R030	1-216-049-11	RES-CHIP 1K 5% 1/10W			
110		A	RESISTOR		R032	1-216-097-11	RES-CHIP 100K 5% 1/10W			
111		A	RESISTOR		R033	1-247-891-00	CARBON 330K 5% 1/4W			
112		A	RESISTOR		R048	1-219-398-51	METAL 2.2M 5% 1W			
113		A	RESISTOR		R051	1-216-049-11	RES-CHIP 1K 5% 1/10W			
114		A	RESISTOR		R052	1-216-073-91	RES-CHIP 10K 5% 1/10W			
115		A	RESISTOR		R102	1-216-113-00	RES-CHIP 470K 5% 1/10W			
116		A	RESISTOR		R104	1-216-009-91	RES-CHIP 22 5% 1/10W			
117		A	RESISTOR		R106	1-216-673-11	METAL CHIP 8.2K 0.5% 1/10W			
118		A	RESISTOR		R107	1-216-651-11	METAL CHIP 1K 0.5% 1/10W			
119		A	RESISTOR		R108	1-216-674-11	METAL CHIP 9.1K 0.5% 1/10W			
120		A	RESISTOR		R109	1-216-113-00	RES-CHIP 470K 5% 1/10W			
121		A	RESISTOR		R111	1-249-405-11	CARBON 100 5% 1/4W			
122		A	RESISTOR		R117	1-249-402-11	CARBON 56 5% 1/4W			
123		A	RESISTOR		R119	1-216-121-11	RES-CHIP 1M 5% 1/10W			
124		A	RESISTOR		R130	1-216-022-00	RES-CHIP 75 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	1-216-009-91	RES-CHIP 22 5% 1/10W			
129		A	RESISTOR		R206	1-216-673-11	METAL CHIP 8.2K 0.5% 1/10W			
130		A	RESISTOR		R207	1-216-651-11	METAL CHIP 1K 0.5% 1/10W			
131		A	RESISTOR		R208	1-216-674-11	METAL CHIP 9.1K 0.5% 1/10W			
132		A	RESISTOR		R209	1-216-113-00	RES-CHIP 470K 5% 1/10W			
133		A	RESISTOR		R211	1-249-405-11	CARBON 100 5% 1/4W			
134		A	RESISTOR		R217	1-249-402-11	CARBON 56 5% 1/4W			
135		A	RESISTOR		R218	1-216-022-00	RES-CHIP 75 5% 1/10W			
136		A	RESISTOR		R219	1-216-121-11	RES-CHIP 1M 5% 1/10W			
137		A	RESISTOR		R230	1-216-001-00	RES-CHIP 10 5% 1/10W			
138		A	RESISTOR		R251	1-219-742-11	CARBON 47 5% 1/2W			
139		A	RESISTOR		R261	1-215-394-00	METAL 75 1% 1/4W			
140		A	RESISTOR		R302	1-216-113-00	RES-CHIP 470K 5% 1/10W			
141		A	RESISTOR		R304	1-216-009-91	RES-CHIP 22 5% 1/10W			
142		A	RESISTOR		R306	1-216-673-11	METAL CHIP 8.2K 0.5% 1/10W			
143		A	RESISTOR		R307	1-216-651-11	METAL CHIP 1K 0.5% 1/10W			
144		A	RESISTOR		R308	1-216-674-11	METAL CHIP 9.1K 0.5% 1/10W			
145		A	RESISTOR		R309	1-216-113-00	RES-CHIP 470K 5% 1/10W			
146		A	RESISTOR		R311	1-249-405-11	CARBON 100 5% 1/4W			
147		A	RESISTOR		R317	1-249-402-11	CARBON 56 5% 1/4W			
148		A	RESISTOR		R319	1-216-121-11	RES-CHIP 1M 5% 1/10W			
149		A	RESISTOR		R330	1-216-022-00	RES-CHIP 75 5% 1/10W			
150		A	RESISTOR		R351	1-219-742-11	CARBON 47 5% 1/2W			
151		A	RESISTOR		R361	1-215-394-00	METAL 75 1% 1/4W			
152		A	SPARK GAP		SG001	1-519-422-11	GAP, SPARK			
153		A	SPARK GAP		SG002	1-517-499-21	GAP, SPARK			
154		A	SPARK GAP		SG003	1-517-499-21	GAP, SPARK			
155		A	SPARK GAP		SG101	1-517-499-21	GAP, SPARK			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
156		A	SPARK GAP		SG201	1-517-499-21	GAP, SPARK			
157		A	SPARK GAP		SG301	1-517-499-21	GAP, SPARK			
158		D	CAPACITOR		C401	1-126-942-61	ELECT 1000UF 20.00% 25V			
159		D	CAPACITOR		C402	1-137-959-91	MYLAR 0.47UF 5% 100V			
160		D	CAPACITOR		C403	1-128-749-91	ELECT 220UF 20% 50V			
161		D	CAPACITOR		C404	1-126-942-61	ELECT 1000UF 20.00% 25V			
162		D	CAPACITOR		C405	1-104-760-11	CERAMIC CHIP 0.047UF 10.00% 50V			
163		D	CAPACITOR		C406	1-130-481-00	MYLAR 0.0068UF 5.00% 50V			
164		D	CAPACITOR		C407	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
165		D	CAPACITOR		C408	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
166		D	CAPACITOR		C410	1-164-005-11	CERAMIC CHIP 0.47UF 25V			
167		D	CAPACITOR		C501	1-126-964-11	ELECT 10UF 20.00% 50V			
168		D	CAPACITOR		C502	1-137-150-11	MYLAR 0.01UF 5.00% 50V			
169		D	CAPACITOR		C503	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
170		D	CAPACITOR		C504	1-102-030-00	CERAMIC 330PF 10.00% 500V			
171		D	CAPACITOR		C505	1-109-842-11	CERAMIC 10PF 5.00% 2KV			
172		D	CAPACITOR		C506	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
173		D	CAPACITOR		C507	1-137-768-11	FILM 0.18UF 5% 400V			
174		D	CAPACITOR		C508	1-128-526-91	ELECT 100UF 20% 25V			
175		D	CAPACITOR		C509	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
176		D	CAPACITOR		C510	1-102-228-00	CERAMIC 470PF 10.00% 500V			
177		D	CAPACITOR		C511	1-119-858-11	FILM 0.068UF 5.00% 250V			
178		D	CAPACITOR		C512	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
179		D	CAPACITOR		C514	1-115-521-11	FILM 0.82UF 5.00% 250V			
180		D	CAPACITOR		C515	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
181		D	CAPACITOR		C516	1-117-664-11	FILM 0.27UF 5.00% 250V			
182		D	CAPACITOR		C517	1-137-150-11	MYLAR 0.01UF 5.00% 50V			
183		D	CAPACITOR		C518	1-137-718-11	FILM 4300PF 3% 1.8KV			
184		D	CAPACITOR		C519	1-117-621-11	FILM 1200PF 3.00% 1.2KV			
185		D	CAPACITOR		C520	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
186		D	CAPACITOR		C521	1-107-444-11	CERAMIC 100PF 5.00% 2KV			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
187		D	CAPACITOR		C522	1-136-684-51	MYLAR 0.0022UF 10.00% 100V			
188		D	CAPACITOR		C523	1-107-846-11	FILM 0.1UF 5.00% 250V			
189		D	CAPACITOR		C524	1-135-843-51	ELECT 33UF 20% 200V			
190		D	CAPACITOR		C525	1-136-060-00	FILM 0.047UF 5.00% 400V			
191		D	CAPACITOR		C526	1-164-646-11	CERAMIC 2200PF 10.00% 500V			
192		D	CAPACITOR		C527	1-137-105-11	MYLAR 0.01UF 10.00% 250V			
193		D	CAPACITOR		C528	1-107-364-11	MYLAR 0.01UF 10.00% 200V			
194		D	CAPACITOR		C529	1-136-060-00	FILM 0.047UF 5.00% 400V			
195		D	CAPACITOR		C530	1-117-661-21	FILM 0.15UF 5.00% 250V			
196		D	CAPACITOR		C531	1-119-860-11	FILM 0.082UF 5.00% 250V			
197		D	CAPACITOR	!	C532	1-137-401-11	MYLAR 0.22UF 10.00% 100V			
198		D	CAPACITOR		C533	1-126-960-11	ELECT 1UF 20.00% 50V			
199		D	CAPACITOR	!	C534	1-137-419-11	MYLAR 0.033UF 10.00% 100V			
200		D	CAPACITOR		C535	1-130-495-00	MYLAR 0.1UF 5.00% 50V			
201		D	CAPACITOR		C536	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
202		D	CAPACITOR		C537	1-162-117-00	CERAMIC 100PF 10.00% 500V			
203		D	CAPACITOR		C538	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
204		D	CAPACITOR	!	C539	1-137-150-11	MYLAR 0.01UF 10.00% 100V			
205		D	CAPACITOR	!	C540	1-136-203-11	FILM 10000PF 5.00% 630V			
206		D	CAPACITOR		C541	1-126-963-11	ELECT 4.7UF 20.00% 50V			
207		D	CAPACITOR		C542	1-126-964-11	ELECT 10UF 20.00% 50V			
208		D	CAPACITOR		C543	1-163-251-11	CERAMIC CHIP 100PF 5.00% 50V			
209		D	CAPACITOR		C544	1-137-150-11	MYLAR 0.01UF 5.00% 50V			
210		D	CAPACITOR		C545	1-163-037-11	CERAMIC CHIP 0.022UF 10.00% 50V			
211		D	CAPACITOR		C546	1-163-259-91	CERAMIC CHIP 220PF 5.00% 50V			
212		D	CAPACITOR		C547	1-128-740-91	ELECT 1UF 20% 50V			
213		D	CAPACITOR		C548	1-130-471-00	MYLAR 0.001UF 5.00% 50V			
214		D	CAPACITOR		C549	1-137-375-11	MYLAR 0.068UF 5.00% 50V			
215		D	CAPACITOR		C550	1-126-935-11	ELECT 470UF 20.00% 16V			
216		D	CAPACITOR		C552	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
217		D	CAPACITOR		C553	1-164-161-11	CERAMIC CHIP 0.0022UF 10.00% 50V			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
218		D	CAPACITOR		C554	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
219		D	CAPACITOR		C555	1-130-495-00	MYLAR 0.1UF 5.00% 50V			
220		D	CAPACITOR		C556	1-163-259-91	CERAMIC CHIP 220PF 5.00% 50V			
221		D	CAPACITOR		C557	1-128-745-91	ELECT 22UF 20% 50V			
222		D	CAPACITOR		C558	1-126-960-11	ELECT 1UF 20.00% 50V			
223		D	CAPACITOR		C561	1-163-009-91	CERAMIC CHIP 0.001UF 10.00% 50V			
224		D	CAPACITOR		C562	1-107-882-11	ELECT 100UF 20% 16V			
225		D	CAPACITOR		C563	1-163-005-91	CERAMIC CHIP 470PF 10.00% 50V			
226		D	CAPACITOR		C564	1-107-823-11	CERAMIC CHIP 0.47UF 10.00% 16V			
227		D	CAPACITOR		C566	1-128-551-11	ELECT 22UF 20.00% 25V			
228		D	CAPACITOR		C568	1-136-060-00	FILM 0.047UF 5.00% 400V			
229		D	CAPACITOR		C569	1-130-495-00	MYLAR 0.1UF 5.00% 50V			
230		D	CAPACITOR		C571	1-109-842-11	CERAMIC 10PF 5.00% 2KV			
231		D	CAPACITOR		C572	1-107-651-11	ELECT 4.7UF 20.00% 250V			
232		D	CAPACITOR		C573	1-107-649-11	ELECT 2.2UF 20.00% 250V			
233		D	CAPACITOR		C574	1-137-105-11	MYLAR 0.01UF 10.00% 250V			
234		D	CAPACITOR		C575	1-135-843-51	ELECT 33UF 20% 200V			
235		D	CAPACITOR		C576	1-163-243-11	CERAMIC CHIP 47PF 5.00% 50V			
236		D	CAPACITOR		C579	1-109-879-11	CERAMIC 22PF 5.00% 2KV			
237		D	CAPACITOR		C581	1-107-782-81	CERAMIC 2200PF 1KV			
238		D	CAPACITOR		C582	1-163-037-11	CERAMIC CHIP 0.022UF 10.00% 50V			
239		D	CAPACITOR		C601	1-107-909-11	ELECT 47UF 20.00% 10V			
240		D	CAPACITOR		C603	1-126-942-61	ELECT 1000UF 20.00% 25V			
241		D	CAPACITOR		C604	1-104-708-11	MYLAR 0.47UF 20.00% 250V			
242		D	CAPACITOR		C605	1-104-708-11	MYLAR 0.47UF 20.00% 250V			
243		D	CAPACITOR		C608	1-104-653-91	ELECT 220UF 20% 16V			
244		D	CAPACITOR		C609	1-117-699-11	CERAMIC 0.001UF 99% 250V			
245		D	CAPACITOR		C610	1-117-752-11	ELECT(BLOCK) 330UF 20.00% 450V			
246		D	CAPACITOR		C611	1-163-007-11	CERAMIC CHIP 680PF 10.00% 50V			
247		D	CAPACITOR		C612	1-119-858-11	FILM 0.068UF 5.00% 250V			
248		D	CAPACITOR		C613	1-162-132-00	CERAMIC 270PF 10.00% 2KV			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
249		D	CAPACITOR		C614	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
250		D	CAPACITOR		C615	1-163-037-11	CERAMIC CHIP 0.022UF 10.00% 50V			
251		D	CAPACITOR		C616	1-107-907-11	ELECT 22UF 20.00% 25V			
252		D	CAPACITOR		C617	1-107-907-11	ELECT 22UF 20.00% 25V			
253		D	CAPACITOR		C618	1-130-495-00	MYLAR 0.1UF 5.00% 50V			
254		D	CAPACITOR		C619	1-164-161-11	CERAMIC CHIP 0.0022UF 10.00% 50V			
255		D	CAPACITOR		C620	1-162-117-00	CERAMIC 100PF 10.00% 500V			
256		D	CAPACITOR		C621	1-135-842-51	ELECT 47UF 20% 250V			
257		D	CAPACITOR		C622	1-128-763-91	ELECT 100UF 20% 100V			
258		D	CAPACITOR		C624	1-107-885-11	ELECT 3300UF 20.00% 16V			
259		D	CAPACITOR		C625	1-126-943-11	ELECT 2200UF 20.00% 25V			
260		D	CAPACITOR		C626	1-104-653-91	ELECT 220UF 20% 16V			
261		D	CAPACITOR		C627	1-126-934-11	ELECT 220UF 20.00% 10V			
262		D	CAPACITOR		C628	1-128-526-91	ELECT 100UF 20% 25V			
263		D	CAPACITOR		C630	1-109-982-11	CERAMIC CHIP 1UF 10.00% 10V			
264		D	CAPACITOR		C631	1-113-910-11	CERAMIC 470PF 10.00% 250V			
265		D	CAPACITOR		C632	1-128-954-11	ELECT 1000UF 20% 25V			
266		D	CAPACITOR		C633	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
267		D	CAPACITOR		C634	1-163-017-00	CERAMIC CHIP 0.0047UF 10.00% 50V			
268		D	CAPACITOR		C637	1-104-653-91	ELECT 220UF 20% 16V			
269		D	CAPACITOR		C640	1-117-703-11	CERAMIC 0.0047UF 99% 250V			
270		D	CAPACITOR		C641	1-107-882-11	ELECT 100UF 20% 16V			
271		D	CAPACITOR		C643	1-117-703-11	CERAMIC 0.0047UF 99% 250V			
272		D	CAPACITOR		C647	1-102-228-00	CERAMIC 470PF 10.00% 500V			
273		D	CAPACITOR		C648	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
274		D	CAPACITOR		C649	1-164-005-11	CERAMIC CHIP 0.47UF 25V			
275		D	CAPACITOR		C650	1-163-019-00	CERAMIC CHIP 0.0068UF 10.00% 50V			
276		D	CAPACITOR		C653	1-163-009-91	CERAMIC CHIP 0.001UF 10.00% 50V			
277		D	CAPACITOR		C656	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
278		D	CAPACITOR		C660	1-117-703-11	CERAMIC 0.0047UF 99% 250V			
279		D	CAPACITOR		C663	1-107-974-11	CERAMIC 47PF 5.00% 2KV			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
280		D	CAPACITOR		C665	1-109-982-11	CERAMIC CHIP 1UF 10.00% 10V			
281		D	CAPACITOR		C666	1-126-964-11	ELECT 10UF 20.00% 50V			
282		D	CAPACITOR		C668	1-104-665-11	ELECT 100UF 20.00% 25V			
283		D	CAPACITOR		C681	1-107-905-11	ELECT 4.7UF 20.00% 50V			
284		D	CAPACITOR		C682	1-164-005-11	CERAMIC CHIP 0.47UF 25V			
285		D	CAPACITOR		C683	1-107-888-11	ELECT 47UF 20.00% 25V			
286		D	CAPACITOR		C685	1-163-038-91	CERAMIC CHIP 0.1UF 25V			
287		D	CAPACITOR		C701	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
288		D	CAPACITOR		C702	1-126-963-11	ELECT 4.7UF 20.00% 50V			
289		D	CAPACITOR		C703	1-136-169-00	FILM 0.22UF 5.00% 50V			
290		D	CAPACITOR		C704	1-163-259-91	CERAMIC CHIP 220PF 5.00% 50V			
291		D	CAPACITOR		C706	1-163-247-91	CERAMIC CHIP 68PF 5.00% 50V			
292		D	CAPACITOR		C707	1-163-247-91	CERAMIC CHIP 68PF 5.00% 50V			
293		D	CAPACITOR		C708	1-130-495-00	MYLAR 0.1UF 5.00% 50V			
294		D	CAPACITOR		C709	1-126-941-11	ELECT 470UF 20.00% 25V			
295		D	CAPACITOR		C710	1-126-941-11	ELECT 470UF 20.00% 25V			
296		D	CAPACITOR		C711	1-130-495-00	MYLAR 0.1UF 5.00% 50V			
297		D	CAPACITOR		C712	1-130-495-00	MYLAR 0.1UF 5.00% 50V			
298		D	CAPACITOR		C713	1-126-933-11	ELECT 100UF 20.00% 16V			
299		D	CAPACITOR		C714	1-163-131-00	CERAMIC CHIP 390PF 5.00% 50V			
300		D	CAPACITOR		C715	1-126-933-11	ELECT 100UF 20.00% 16V			
301		D	CAPACITOR		C716	1-163-989-11	CERAMIC CHIP 0.033UF 10.00% 25V			
302		D	CAPACITOR		C718	1-163-989-11	CERAMIC CHIP 0.033UF 10.00% 25V			
303		D	CAPACITOR		C723	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
304		D	CAPACITOR		C725	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
305		D	CAPACITOR		C729	1-163-003-11	CERAMIC CHIP 330PF 10.00% 50V			
306		D	CAPACITOR		C733	1-163-003-11	CERAMIC CHIP 330PF 10.00% 50V			
307		D	CAPACITOR		C901	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
308		D	CAPACITOR		C902	1-126-935-11	ELECT 470UF 20.00% 16V			
309		D	CAPACITOR		C905	1-137-375-11	MYLAR 0.068UF 5.00% 50V			
310		D	CAPACITOR		C906	1-136-177-00	FILM 1UF 5.00% 50V			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
311		D	CAPACITOR		C908	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
312		D	CAPACITOR		C909	1-126-933-11	ELECT 100UF 20.00% 16V			
313		D	CAPACITOR		C910	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
314		D	CAPACITOR		C911	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
315		D	CAPACITOR		C912	1-126-933-11	ELECT 100UF 20.00% 16V			
316		D	CAPACITOR		C913	1-130-495-00	MYLAR 0.1UF 5.00% 50V			
317		D	CAPACITOR		C914	1-163-231-11	CERAMIC CHIP 15PF 5.00% 50V			
318		D	CAPACITOR		C915	1-163-231-11	CERAMIC CHIP 15PF 5.00% 50V			
319		D	CAPACITOR		C916	1-126-965-91	ELECT 22UF 20.00% 50V			
320		D	CAPACITOR		C917	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
321		D	CAPACITOR		C918	1-126-965-91	ELECT 22UF 20.00% 50V			
322		D	CAPACITOR		C920	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
323		D	CAPACITOR		C921	1-126-935-11	ELECT 470UF 20.00% 16V			
324		D	CAPACITOR		C922	1-107-712-11	ELECT 3.3UF 20.00% 50V			
325		D	CAPACITOR		C923	1-163-133-00	CERAMIC CHIP 470PF 5.00% 50V			
326		D	CAPACITOR		C924	1-126-962-11	ELECT 3.3UF 20.00% 50V			
327		D	CAPACITOR		C925	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
328		D	CAPACITOR		C926	1-126-767-11	ELECT 1000UF 20.00% 16V			
329		D	CAPACITOR		C928	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
330		D	CAPACITOR		C929	1-126-963-11	ELECT 4.7UF 20.00% 50V			
331		D	CAPACITOR		C930	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
332		D	CAPACITOR		C931	1-163-133-00	CERAMIC CHIP 470PF 5.00% 50V			
333		D	CAPACITOR		C933	1-163-251-11	CERAMIC CHIP 100PF 5.00% 50V			
334		D	CAPACITOR		C935	1-107-823-11	CERAMIC CHIP 0.47UF 10.00% 16V			
335		D	CAPACITOR		C936	1-163-251-11	CERAMIC CHIP 100PF 5.00% 50V			
336		D	CAPACITOR		C938	1-126-933-11	ELECT 100UF 20.00% 16V			
337		D	CAPACITOR		C939	1-163-251-11	CERAMIC CHIP 100PF 5.00% 50V			
338		D	CAPACITOR		C940	1-163-243-11	CERAMIC CHIP 47PF 5.00% 50V			
339		D	CAPACITOR		C941	1-163-243-11	CERAMIC CHIP 47PF 5.00% 50V			
340		D	CAPACITOR		C942	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
341		D	CAPACITOR		C943	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
342		D	CAPACITOR		C944	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
343		D	CAPACITOR		C947	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
344		D	CAPACITOR		C949	1-126-933-11	ELECT 100UF 20.00% 16V			
345		D	CAPACITOR		C950	1-126-933-11	ELECT 100UF 20.00% 16V			
346		D	CAPACITOR		C951	1-163-021-91	CERAMIC CHIP 0.01UF 10.00% 50V			
347		D	CAPACITOR		C952	1-164-004-11	CERAMIC CHIP 0.1UF 10.00% 25V			
348		D	CONNECTOR	*	CN501	1-793-239-11	PIN, CONNECTOR (PC BOARD) 6P			
349		D	CONNECTOR	*	CN600	1-691-960-11	PIN, CONNECTOR (PC BOARD) 3P			
350		D	CONNECTOR	*	CN601	1-580-689-11	PIN, CONNECTOR (PC BOARD) 4P			
351		D	CONNECTOR	*	CN602	1-506-371-00	PIN, CONNECTOR 2P			
352		D	CONNECTOR	*	CN606	1-564-512-11	PLUG, CONNECTOR 9P			
353		D	CONNECTOR	*	CN701	1-764-333-11	PLUG, CONNECTOR 10P			
354		D	CONNECTOR	*	CN901	1-508-879-11	BASE POST 4P			
355		D	CONNECTOR	*	CN902	1-564-511-11	PLUG, CONNECTOR 8P			
356		D	CONNECTOR	*	CN903	1-785-704-21	PIN, CONNECTOR (PC BOARD) 7P			
357		D	CONNECTOR	*	CN904	1-564-508-11	PLUG, CONNECTOR 5P			
358		D	DIODE		D401	8-719-052-90	D1NL40-TA2			
359		D	DIODE		D402	8-719-109-81	RD4.7ESB2			
360		D	DIODE		D402	8-719-010-34	UZ-4.7BSC			
361		D	DIODE		D403	8-719-404-50	MA111-TX			
362		D	DIODE		D404	8-719-050-84	RB441Q-40T-77			
363		D	DIODE		D501	8-719-110-30	RD12ES-B1			
364		D	DIODE		D502	8-719-981-00	ERC81-004			
365		D	DIODE		D503	8-759-157-40	UPC574J			
366		D	DIODE		D504	8-719-110-30	RD12ES-B1			
367		D	DIODE		D505	8-719-063-70	D1NL20U			
368		D	DIODE		D506	8-719-082-77	DIODE FMQ-G1FSLF681			
369		D	DIODE		D507	8-719-069-54	UDZSTE-175.1B			
370		D	DIODE		D508	8-719-404-50	MA111-TX			
371		D	DIODE		D509	8-719-110-30	RD12ES-B1			
372		D	DIODE		D510	8-719-052-90	D1NL40-TA2			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
373		D	DIODE		D511	8-719-052-90	D1NL40-TA2			
374		D	DIODE		D512	8-719-911-19	1SS119-25			
375		D	DIODE		D513	8-719-052-90	D1NL40-TA2			
376		D	DIODE		D514	8-719-970-83	HSS82-TJ			
377		D	DIODE		D515	8-719-018-82	RGP02-20EL-6394			
378		D	DIODE		D516	8-719-052-86	D2L40-TA			
379		D	DIODE		D517	8-759-157-40	UPC574J			
380		D	DIODE		D518	8-719-110-30	RD12ES-B1			
381		D	DIODE		D519	8-719-109-89	RD5.6ESB2			
382		D	DIODE		D522	8-719-911-19	1SS119-25			
383		D	DIODE		D523	8-719-911-19	1SS119-25			
384		D	DIODE		D524	8-719-051-85	HSS83TD			
385		D	DIODE		D525	8-719-051-85	HSS83TD			
386		D	DIODE		D527	8-719-069-54	UDZSTE-175.1B			
387		D	DIODE		D530	8-719-063-70	D1NL20U			
388		D	DIODE		D531	8-719-063-70	D1NL20U			
389		D	DIODE		D601	8-719-510-53	D4SB60L			
390		D	DIODE		D602	8-719-911-19	1SS119-25			
391		D	DIODE		D603	8-719-911-19	1SS119-25			
392		D	DIODE		D605	8-719-110-31	RD12ES-B2			
393		D	DIODE		D606	8-719-053-19	UF4007G23			
394		D	DIODE		D607	8-719-053-19	UF4007G23			
395		D	DIODE		D608	8-719-110-47	RD18ESB			
396		D	DIODE		D609	8-719-911-19	1SS119-25			
397		D	DIODE		D610	8-719-109-81	RD4.7ESB2			
398		D	DIODE		D611	8-719-067-68	FMC-26UA			
399		D	DIODE		D612	8-719-053-19	UF4007G23			
400		D	DIODE		D613	8-719-083-22	BT149G-112-OT38			
401		D	DIODE		D614	8-719-032-12	D1NS6			
402		D	DIODE		D616	8-719-109-81	RD4.7ESB2			
403		D	DIODE		D617	8-719-947-06	RGP10JPKG23			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
404		D	DIODE		D618	8-719-058-38	FMN-G12S			
405		D	DIODE		D619	8-719-058-38	FMN-G12S			
406		D	DIODE		D620	8-719-300-76	RH-1A			
407		D	DIODE		D621	8-719-911-19	1SS119-25			
408		D	DIODE		D622	8-719-058-38	FMN-G12S			
409		D	DIODE		D623	8-719-110-31	RD12ES-B2			
410		D	DIODE		D625	8-719-977-40	DTZ13B			
411		D	DIODE		D627	8-719-404-50	MA111-TX			
412		D	DIODE		D628	8-719-110-47	RD18ESB			
413		D	DIODE		D629	8-719-404-50	MA111-TX			
414		D	DIODE		D631	8-719-300-76	RH-1A			
415		D	DIODE		D632	8-719-064-08	HZU6.8B2TRF			
416		D	DIODE		D638	8-719-110-47	RD18ESB			
417		D	DIODE		D639	8-719-109-89	RD5.6ESB2			
418		D	DIODE		D640	8-719-404-50	MA111-TX			
419		D	DIODE		D641	8-719-064-08	HZU6.8B2TRF			
420		D	DIODE		D642	8-719-047-98	HZU5.6B2TRF			
421		D	DIODE		D704	8-719-911-19	1SS119-25			
422		D	DIODE		D901	8-719-047-98	HZU5.6B2TRF			
423		D	DIODE		D902	8-719-109-89	RD5.6ESB2			
424		D	DIODE		D903	8-719-050-84	RB441Q-40T-77			
425		D	DIODE		D904	8-719-047-98	HZU5.6B2TRF			
426		D	DIODE		D905	8-719-404-50	MA111-TX			
427		D	DIODE		D906	8-719-404-50	MA111-TX			
428		D	DIODE		D907	8-719-404-50	MA111-TX			
429		D	DIODE		D908	8-719-404-50	MA111-TX			
430		D	DIODE		D909	8-719-067-40	STZ6.8N-T146			
431		D	DIODE		D911	8-719-062-51	1PS226-115			
432		D	DIODE		D912	8-719-047-98	HZU5.6B2TRF			
433		D	DIODE		D914	8-719-062-51	1PS226-115			
434		D	DIODE		D917	8-719-062-51	1PS226-115			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
435		D	DIODE		D918	8-719-047-98	HZU5.6B2TRF			
436		D	DIODE		D919	8-719-047-98	HZU5.6B2TRF			
437		D	DIODE		D920	8-719-050-84	RB441Q-40T-77			
438		D	DIODE		D924	8-719-047-98	HZU5.6B2TRF			
439		D	DIODE		D928	8-719-067-40	STZ6.8N-T146			
440		D	DIODE		D929	8-719-067-40	STZ6.8N-T146			
441		D	DIODE		D930	8-719-067-40	STZ6.8N-T146			
442		D	DIODE		D931	8-719-067-40	STZ6.8N-T146			
443		D	DIODE		D936	8-719-047-98	HZU5.6B2TRF			
444		D	DIODE		D936	8-719-070-57	PDZ5.6B-115			
445		D	DIODE		D937	8-719-047-98	HZU5.6B2TRF			
446		D	DIODE		D943	8-719-801-78	1SS184			
447		D	FUSE		F601	1-576-232-11	FUSE (H.B.C.)			
448		D	FERRITE BEAD		FB502	1-412-911-11	FERRITE 0UH			
449		D	FERRITE BEAD		FB503	1-412-911-11	FERRITE 0UH			
450		D	FERRITE BEAD		FB504	1-412-911-11	FERRITE 0UH			
451		D	FERRITE BEAD		FB506	1-412-911-11	FERRITE 0UH			
452		D	FERRITE BEAD		FB507	1-412-911-11	FERRITE 0UH			
453		D	FERRITE BEAD		FB508	1-412-911-11	FERRITE 0UH			
454		D	FERRITE BEAD		FB601	1-412-911-11	FERRITE 0UH			
455		D	FERRITE BEAD		FB904	1-543-961-22	FERRITE 0UH			
456		D	FUSE		FH1	1-533-223-11	CLIP, FUSE			
457		D	FUSE		FH2	1-533-223-11	CLIP, FUSE			
458		D	IC		IC401	8-759-593-28	LA78040			
459		D	IC	!	IC501	8-759-478-76	UPC5021-109			
460		D	IC		IC502	8-759-803-42	LA6500-FA			
461		D	IC		IC502	8-759-803-42	LA6500-FA			
462		D	IC		IC601	8-759-594-75	TEA1504/N2			
463		D	IC		IC602	8-759-592-79	BA00AST-V5			
464		D	IC		IC603	8-749-016-35	TLP621D4-Y-LF2T			
465		D	IC		IC604	8-759-586-17	TL1431CZ-AP			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
466		D	IC	!	IC605	8-759-637-83	PQ12RD8S			
467		D	IC	!	IC607	8-759-450-47	BA05T			
468		D	IC		IC608	8-759-231-53	TA7805S			
469		D	IC		IC612	8-759-700-07	NJM2903M			
470		D	IC		IC701	8-759-595-52	CXA8070AP			
471		D	IC		IC702	8-749-018-54	STK391-120			
472		D	IC		IC703	8-759-822-07	LA6515			
473		D	IC	!	IC901	6-800-150-01	CXD9163P/ABO			
474		D	IC		IC902	8-759-594-40	CXA8071CP			
475		D	IC		IC904	8-759-352-91	PST9143NL			
476		D	IC		IC905	8-759-640-41	BR24C08F-E2			
477		D	IC		IC906	8-759-640-41	BR24C08F-E2			
478		D	IC		IC908	8-759-491-32	TC74VHCT04AF(EL)			
479		D	CHIP CONDUCTOR		JR1	1-216-295-91	SHORT 0			
480		D	CHIP CONDUCTOR		JR2	1-216-296-11	SHORT 0			
481		D	CHIP CONDUCTOR		JR3	1-216-296-11	SHORT 0			
482		D	CHIP CONDUCTOR		JR6	1-216-296-11	SHORT 0			
483		D	CHIP CONDUCTOR		JR7	1-216-295-91	SHORT 0			
484		D	CHIP CONDUCTOR		JR8	1-216-295-91	SHORT 0			
485		D	CHIP CONDUCTOR		JR9	1-216-295-91	SHORT 0			
486		D	CHIP CONDUCTOR		JR10	1-216-296-11	SHORT 0			
487		D	CHIP CONDUCTOR		JR11	1-216-296-11	SHORT 0			
488		D	CHIP CONDUCTOR		JR12	1-216-296-11	SHORT 0			
489		D	CHIP CONDUCTOR		JR13	1-216-296-11	SHORT 0			
490		D	CHIP CONDUCTOR		JR14	1-216-296-11	SHORT 0			
491		D	CHIP CONDUCTOR		JR15	1-216-296-11	SHORT 0			
492		D	CHIP CONDUCTOR		JR18	1-216-296-11	SHORT 0			
493		D	CHIP CONDUCTOR		JR21	1-216-296-11	SHORT 0			
494		D	CHIP CONDUCTOR		JR22	1-216-296-11	SHORT 0			
495		D	CHIP CONDUCTOR		JR25	1-216-295-91	SHORT 0			
496		D	CHIP CONDUCTOR		JR26	1-216-295-91	SHORT 0			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
497		D	CHIP CONDUCTOR		JR27	1-216-295-91	SHORT 0			
498		D	CHIP CONDUCTOR		JR28	1-216-295-91	SHORT 0			
499		D	CHIP CONDUCTOR		JR31	1-216-296-11	SHORT 0			
500		D	CHIP CONDUCTOR		JR47	1-216-296-11	SHORT 0			
501		D	CHIP CONDUCTOR		JR602	1-216-296-11	SHORT 0			
502		D	COIL		L501	1-406-663-21	INDUCTOR 47UH			
503		D	COIL		L502	1-406-663-21	INDUCTOR 47UH			
504		D	COIL		L503	1-419-862-11	INDUCTOR 5UH			
505		D	COIL		L505	1-412-552-11	INDUCTOR 2.2MH			
506		D	COIL		L506	1-412-552-11	INDUCTOR 2.2MH			
507		D	COIL		L508	1-424-693-11	"COIL, HORIZONTAL LINEARITY"			
508		D	COIL		L510	1-419-863-11	"COIL, HORIZONTAL CENTER"			
509		D	COIL		L602	1-412-529-11	INDUCTOR 22UH			
510		D	COIL		L604	1-406-665-11	INDUCTOR 100UH			
511		D	COIL		L606	1-406-665-11	INDUCTOR 100UH			
512		D	COIL		L651	1-419-653-11	INDUCTOR 56MH			
513		D	COIL		L901	1-414-857-11	INDUCTOR 100UH			
514		D	COIL		L902	1-414-857-11	INDUCTOR 100UH			
515		D	FILTER		LF602	1-429-180-11	TRANSFORMER, LINE FILTER			
516		D	FILTER		LF602	1-429-180-40	TRANSFORMER, LINE FILTER			
517		D	IC LINK		PS501	1-533-588-51	LINK, IC			
518		D	TRANSISTOR		Q501	8-729-120-28	2SC1623-L5L6			
519		D	TRANSISTOR		Q502	8-729-026-49	2SA1037AK-T146-R			
520		D	TRANSISTOR		Q503	8-729-035-54	2SJ449			
521		D	TRANSISTOR		Q504	8-72-9031-89	2SC3941A-Q(TA)			
522		D	TRANSISTOR		Q505	8-729-026-49	2SA1037AK-T146-R			
523		D	TRANSISTOR		Q507	8-729-055-02	2SC5681-CA			
524		D	TRANSISTOR		Q508	8-729-120-28	2SC1623-L5L6			
525		D	TRANSISTOR		Q510	8-729-042-45	STP5NA80FI			
526		D	TRANSISTOR		Q511	8-729-042-34	IRFU110A			
527		D	TRANSISTOR		Q512	8-729-043-41	2SK2098-01MR-F119			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
528		D	TRANSISTOR		Q513	8-729-043-41	2SK2098-01MR-F119			
529		D	TRANSISTOR		Q514	8-729-043-41	2SK2098-01MR-F119			
530		D	TRANSISTOR		Q515	8-729-047-72	2SK3155-01			
531		D	TRANSISTOR		Q516	8-729-047-72	2SK3155-01			
532		D	TRANSISTOR		Q519	8-729-423-33	2SC3311A-QRSTA			
533		D	TRANSISTOR		Q520	8-729-035-54	2SJ449			
534		D	TRANSISTOR		Q521	8-729-026-49	2SA1037AK-T146-R			
535		D	TRANSISTOR		Q522	8-729-027-23	DTA114EKA-T146			
536		D	TRANSISTOR		Q524	8-729-026-49	2SA1037AK-T146-R			
537		D	TRANSISTOR		Q525	8-729-120-28	2SC1623-L5L6			
538		D	TRANSISTOR		Q601	8-729-029-92	DTC143ESA			
539		D	TRANSISTOR		Q602	8-729-048-61	2SK2843LBS2SONY			
540		D	TRANSISTOR		Q603	8-729-900-53	DTC114EK			
541		D	TRANSISTOR		Q604	8-729-119-78	2SC2785-HFE			
542		D	TRANSISTOR		Q605	8-729-900-53	DTC114EK			
543		D	TRANSISTOR		Q607	8-729-029-92	DTC143ESA			
544		D	TRANSISTOR		Q612	8-729-423-33	2SC3311A-QRSTA			
545		D	TRANSISTOR		Q614	8-729-026-49	2SA1037AK-T146-R			
546		D	TRANSISTOR		Q615	8-729-120-28	2SC1623-L5L6			
547		D	TRANSISTOR		Q901	8-729-026-49	2SA1037AK-T146-R			
548		D	TRANSISTOR		Q903	8-729-120-28	2SC1623-L5L6			
549		D	RESISTOR		R401	1-249-383-11	CARBON 1.5 5% 1/4W			
550		D	RESISTOR		R402	1-215-866-11	METAL OXIDE 330 5% 1W			
551		D	RESISTOR		R403	1-214-661-21	METAL 1.5 1% 1/4W			
552		D	RESISTOR		R404	1-216-669-11	METAL CHIP 5.6K 0.5% 1/10W			
553		D	RESISTOR		R405	1-214-661-21	METAL 1.5 1% 1/4W			
554		D	RESISTOR		R406	1-216-677-11	METAL CHIP 12K 0.5% 1/10W			
555		D	RESISTOR		R407	1-216-057-00	RES-CHIP 2.2K 5% 1/10W			
556		D	RESISTOR		R408	1-216-073-91	RES-CHIP 10K 5% 1/10W			
557		D	RESISTOR		R409	1-216-669-11	METAL CHIP 5.6K 0.5% 1/10W			
558		D	RESISTOR		R410	1-216-677-11	METAL CHIP 12K 0.5% 1/10W			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Descrption	Remarks-1	Remarks-2	Difference
559		D	RESISTOR		R413	1-216-369-00	METAL OXIDE 1 5% 2W			
560		D	RESISTOR		R501	1-247-807-31	CARBON 100 5% 1/4W			
561		D	RESISTOR		R502	1-218-759-11	METAL CHIP 200K 0.5% 1/10W			
562		D	RESISTOR		R503	1-216-675-91	METAL CHIP 10K 0.5% 1/10W			
563		D	RESISTOR		R504	1-249-377-11	CARBON 0.47 5% 1/4W			
564		D	RESISTOR		R505	1-216-073-91	RES-CHIP 10K 5% 1/10W			
565		D	RESISTOR		R506	1-215-481-00	METAL 330K 1% 1/4W			
566		D	RESISTOR		R507	1-215-431-00	METAL 2.7K 1% 1/4W			
567		D	RESISTOR		R508	1-247-807-31	CARBON 100 5% 1/4W			
568		D	RESISTOR		R509	1-249-433-11	CARBON 22K 5% 1/4W			
569		D	RESISTOR		R510	1-215-444-00	METAL 9.1K 1% 1/4W			
570		D	RESISTOR		R511	1-249-381-11	CARBON 1 5% 1/4W			
571		D	RESISTOR		R512	1-249-389-11	CARBON 4.7 5% 1/4W			
572		D	RESISTOR		R513	1-215-888-00	METAL OXIDE 220 5% 2W			
573		D	RESISTOR		R514	1-215-387-00	METAL 39 1% 1/4W			
574		D	RESISTOR		R515	1-249-417-11	CARBON 1K 5% 1/4W			
575		D	RESISTOR		R516	1-215-401-11	METAL 150 1% 1/4W			
576		D	RESISTOR		R517	1-216-394-00	METAL OXIDE 2.7 5% 3W			
577		D	RESISTOR		R518	1-216-394-00	METAL OXIDE 2.7 5% 3W			
578		D	RESISTOR		R519	1-247-903-00	CARBON 1M 5% 1/4W			
579		D	RESISTOR		R520	1-249-405-11	CARBON 100 5% 1/4W			
580		D	RESISTOR		R521	1-249-417-11	CARBON 1K 5% 1/4W			
581		D	RESISTOR		R522	1-249-401-11	CARBON 47 5% 1/4W			
582		D	RESISTOR		R523	1-215-463-00	METAL 56K 1% 1/4W			
583		D	RESISTOR		R524	1-215-463-00	METAL 56K 1% 1/4W			
584		D	RESISTOR		R525	1-249-417-11	CARBON 1K 5% 1/4W			
585		D	RESISTOR		R526	1-216-450-00	METAL OXIDE 82 5% 2W			
586		D	RESISTOR		R527	1-249-429-11	CARBON 10K 5% 1/4W			
587		D	RESISTOR		R528	1-216-057-00	RES-CHIP 2.2K 5% 1/10W			
588		D	RESISTOR		R529	1-216-450-00	METAL OXIDE 82 5% 2W			
589		D	RESISTOR		R530	1-216-474-11	METAL OXIDE 82 5% 3W			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
590		D	RESISTOR		R531	1-216-474-11	METAL OXIDE 82 5% 3W			
591		D	RESISTOR		R532	1-249-385-11	CARBON 2.2 5% 1/4W			
592		D	RESISTOR		R533	1-249-417-11	CARBON 1K 5% 1/4W			
593		D	RESISTOR		R534	1-249-405-11	CARBON 100 5% 1/4W			
594		D	RESISTOR		R535	1-215-463-00	METAL 56K 1% 1/4W			
595		D	RESISTOR		R536	1-249-417-11	CARBON 1K 5% 1/4W			
596		D	RESISTOR		R537	1-215-463-00	METAL 56K 1% 1/4W			
597		D	RESISTOR		R538	1-219-746-11	CARBON 1K 5% 1/2W			
598		D	RESISTOR		R539	1-215-445-00	METAL 10K 1% 1/4W			
599		D	RESISTOR		R540	1-215-476-00	METAL 200K 1% 1/4W			
600		D	RESISTOR		R541	1-215-421-00	METAL 1K 1% 1/4W			
601		D	RESISTOR		R542	1-215-421-00	METAL 1K 1% 1/4W			
602		D	RESISTOR		R543	1-249-389-11	CARBON 4.7 5% 1/4W			
603		D	RESISTOR		R544	1-247-889-00	CARBON 270K 5% 1/4W			
604		D	RESISTOR		R545	1-216-691-11	METAL CHIP 47K 0.5% 1/10W			
605		D	RESISTOR		R546	1-215-457-00	METAL 33K 1% 1/4W			
606		D	RESISTOR		R547	1-215-477-00	METAL 220K 1% 1/4W			
607		D	RESISTOR		R548	1-215-423-00	METAL 1.2K 1% 1/4W			
608		D	RESISTOR		R549	1-215-464-00	METAL 62K 1% 1/4W			
609		D	RESISTOR		R550	1-215-423-00	METAL 1.2K 1% 1/4W			
610		D	RESISTOR		R551	1-216-687-11	METAL CHIP 33K 0.5% 1/10W			
611		D	RESISTOR		R552	1-215-463-00	METAL 56K 1% 1/4W			
612		D	RESISTOR		R553	1-216-698-11	METAL CHIP 91K 0.5% 1/10W			
613		D	RESISTOR		R554	1-218-756-11	METAL CHIP 150K 0.5% 1/10W			
614		D	RESISTOR		R556	1-216-691-11	METAL CHIP 47K 0.5% 1/10W			
615		D	RESISTOR		R557	1-216-079-00	RES-CHIP 18K 5% 1/10W			
616		D	RESISTOR		R558	1-216-675-91	METAL CHIP 10K 0.5% 1/10W			
617		D	RESISTOR		R559	1-215-431-00	METAL 2.7K 1% 1/4W			
618		D	RESISTOR		R560	1-216-679-11	METAL CHIP 15K 0.5% 1/10W			
619		D	RESISTOR		R561	1-216-474-11	METAL OXIDE 82 5% 3W			
620		D	RESISTOR		R562	1-215-451-00	METAL 18K 1% 1/4W			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
621		D	RESISTOR		R563	1-249-383-11	CARBON 1.5 5% 1/4W			
622		D	RESISTOR		R564	1-216-687-11	METAL CHIP 33K 0.5% 1/10W			
623		D	RESISTOR		R565	1-215-481-00	METAL 330K 1% 1/4W			
624		D	RESISTOR		R566	1-215-859-00	METAL OXIDE 22 5% 1W			
625		D	RESISTOR		R567	1-216-073-91	RES-CHIP 10K 5% 1/10W			
626		D	RESISTOR		R568	1-249-437-11	CARBON 47K 5% 1/4W			
627		D	RESISTOR		R569	1-216-643-11	METAL CHIP 470 0.5% 1/10W			
628		D	RESISTOR		R570	1-219-749-91	CARBON 10K 5% 1/2W			
629		D	RESISTOR		R571	1-216-069-00	RES-CHIP 6.8K 5% 1/10W			
630		D	RESISTOR		R572	1-260-288-11	CARBON 0.47 5% 1/2W			
631		D	RESISTOR		R574	1-249-421-11	CARBON 2.2K 5% 1/4W			
632		D	RESISTOR		R575	1-260-316-51	CARBON 100 5% 1/2W			
633		D	RESISTOR		R577	1-215-911-11	METAL OXIDE 100 5% 3W			
634		D	RESISTOR		R578	1-260-316-51	CARBON 100 5% 1/2W			
635		D	RESISTOR		R581	1-249-429-11	CARBON 10K 5% 1/4W			
636		D	RESISTOR		R582	1-249-399-11	CARBON 33 5% 1/4W			
637		D	RESISTOR		R583	1-216-073-91	RES-CHIP 10K 5% 1/10W			
638		D	RESISTOR		R584	1-216-065-91	RES-CHIP 4.7K 5% 1/10W			
639		D	RESISTOR		R585	1-249-417-11	CARBON 1K 5% 1/4W			
640		D	RESISTOR		R586	1-249-421-11	CARBON 2.2K 5% 1/4W			
641		D	RESISTOR		R587	1-216-049-11	RES-CHIP 1K 5% 1/10W			
642		D	RESISTOR		R589	1-216-065-91	RES-CHIP 4.7K 5% 1/10W			
643		D	RESISTOR		R590	1-216-683-11	METAL CHIP 22K 0.5% 1/10W			
644		D	RESISTOR		R591	1-215-401-11	METAL 150 1% 1/4W			
645		D	RESISTOR		R592	1-215-401-11	METAL 150 1% 1/4W			
646		D	RESISTOR		R594	1-216-033-00	RES-CHIP 220 5% 1/10W			
647		D	RESISTOR		R595	1-215-477-00	METAL 220K 1% 1/4W			
648		D	RESISTOR		R596	1-215-423-00	METAL 1.2K 1% 1/4W			
649		D	RESISTOR		R597	1-259-880-11	CARBON 2.2M 5% 1/4W			
650		D	RESISTOR		R599	1-216-049-11	RES-CHIP 1K 5% 1/10W			
651		D	RESISTOR		R600	1-205-998-11	CEMENTED 1 5% 10W			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
652		D	RESISTOR		R601	1-216-679-11	METAL CHIP 15K 0.5% 1/10W			
653		D	RESISTOR		R602	1-219-513-11	CARBON 4.7M 5% 1/2W			
654		D	RESISTOR		R603	1-249-420-11	CARBON 1.8K 5% 1/4W			
655		D	RESISTOR		R604	1-219-754-11	CARBON 680K 5% 1/2W			
656		D	RESISTOR		R606	1-218-768-11	METAL CHIP 470K 0.5% 1/10W			
657		D	RESISTOR		R607	1-216-081-00	RES-CHIP 22K 5% 1/10W			
658		D	RESISTOR		R608	1-215-473-00	METAL 150K 1% 1/4W			
659		D	RESISTOR		R609	1-216-665-11	METAL CHIP 3.9K 0.5% 1/10W			
660		D	RESISTOR		R610	1-216-651-11	METAL CHIP 1K 0.5% 1/10W			
661		D	RESISTOR		R611	1-216-009-91	RES-CHIP 22 5% 1/10W			
662		D	RESISTOR		R612	1-247-791-91	CARBON 22 5% 1/4W			
663		D	RESISTOR		R613	1-219-513-11	CARBON 4.7M 5% 1/2W			
664		D	RESISTOR		R614	1-216-345-11	METAL OXIDE 0.47 5% 1W			
665		D	RESISTOR		R615	1-216-117-00	RES-CHIP 680K 5% 1/10W			
666		D	RESISTOR		R616	1-216-121-11	RES-CHIP 1M 5% 1/10W			
667		D	RESISTOR		R617	1-216-025-11	RES-CHIP 100 5% 1/10W			
668		D	RESISTOR		R618	1-216-635-11	METAL CHIP 220 0.5% 1/10W			
669		D	RESISTOR		R619	1-215-893-11	METAL OXIDE 1.5K 5% 2W			
670		D	RESISTOR		R620	1-216-687-11	METAL CHIP 33K 0.5% 1/10W			
671		D	RESISTOR		R621	1-216-094-00	RES-CHIP 75K 5% 1/10W			
672		D	RESISTOR		R622	1-216-009-91	RES-CHIP 22 5% 1/10W			
673		D	RESISTOR		R623	1-216-615-91	METAL CHIP 33 0.5% 1/10W			
674		D	RESISTOR		R624	1-216-611-11	METAL CHIP 22 0.5% 1/10W			
675		D	RESISTOR		R625	1-260-332-51	CARBON 2.2K 5% 1/2W			
676		D	RESISTOR		R626	1-216-057-00	RES-CHIP 2.2K 5% 1/10W			
677		D	RESISTOR		R627	1-260-288-11	CARBON 0.47 5% 1/2W			
678		D	RESISTOR		R628	1-216-674-11	METAL CHIP 9.1K 0.5% 1/10W			
679		D	RESISTOR		R633	1-249-429-11	CARBON 10K 5% 1/4W			
680		D	RESISTOR		R635	1-215-925-11	METAL OXIDE 22K 5% 3W			
681		D	RESISTOR		R636	1-215-879-11	METAL OXIDE 47K 5% 1W			
682		D	RESISTOR		R640	1-249-381-11	CARBON 1 5% 1/4W			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
683		D	RESISTOR		R642	1-216-641-11	METAL CHIP 390 0.5% 1/10W			
684		D	RESISTOR		R643	1-216-697-91	METAL CHIP 82K 0.5% 1/10W			
685		D	RESISTOR		R647	1-216-073-91	RES-CHIP 10K 5% 1/10W			
686		D	RESISTOR		R648	1-216-669-11	METAL CHIP 5.6K 0.5% 1/10W			
687		D	RESISTOR		R649	1-216-659-11	METAL CHIP 2.2K 0.5% 1/10W			
688		D	RESISTOR		R650	1-215-471-00	METAL 120K 1% 1/4W			
689		D	RESISTOR		R654	1-216-344-00	METAL OXIDE 0.39 5% 1W			
690		D	RESISTOR		R654	1-243-804-71	METAL OXIDE 0.39 5% 1W			
691		D	RESISTOR		R655	1-247-807-31	CARBON 100 5% 1/4W			
692		D	RESISTOR		R656	1-215-893-11	METAL OXIDE 1.5K 5% 2W			
693		D	RESISTOR		R660	1-215-879-11	METAL OXIDE 47K 5% 1W			
694		D	RESISTOR		R665	1-216-061-91	RES-CHIP 3.3K 5% 1/10W			
695		D	RESISTOR		R667	1-215-911-11	METAL OXIDE 100 5% 3W			
696		D	RESISTOR		R672	1-219-510-11	CARBON 470K 5% 1/2W			
697		D	RESISTOR		R673	1-216-675-91	METAL CHIP 10K 0.5% 1/10W			
698		D	RESISTOR		R674	1-216-081-00	RES-CHIP 22K 5% 1/10W			
699		D	RESISTOR		R676	1-218-756-11	METAL CHIP 150K 0.5% 1/10W			
700		D	RESISTOR		R679	1-219-510-11	CARBON 470K 5% 1/2W			
701		D	RESISTOR		R681	1-216-073-91	RES-CHIP 10K 5% 1/10W			
702		D	RESISTOR		R682	1-216-659-11	METAL CHIP 2.2K 0.5% 1/10W			
703		D	RESISTOR		R683	1-216-667-11	METAL CHIP 4.7K 0.5% 1/10W			
704		D	RESISTOR		R684	1-216-665-11	METAL CHIP 3.9K 0.5% 1/10W			
705		D	RESISTOR		R685	1-219-510-11	CARBON 470K 5% 1/2W			
706		D	RESISTOR		R686	1-219-510-11	CARBON 470K 5% 1/2W			
707		D	RESISTOR		R687	1-216-679-11	METAL CHIP 15K 0.5% 1/10W			
708		D	RESISTOR		R688	1-219-510-11	CARBON 470K 5% 1/2W			
709		D	RESISTOR		R689	1-219-510-11	CARBON 470K 5% 1/2W			
710		D	RESISTOR		R690	1-216-057-00	RES-CHIP 2.2K 5% 1/10W			
711		D	RESISTOR		R691	1-218-758-11	METAL CHIP 180K 0.5% 1/10W			
712		D	RESISTOR		R692	1-216-057-00	RES-CHIP 2.2K 5% 1/10W			
713		D	RESISTOR		R693	1-249-413-11	CARBON 470 5% 1/4W			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
714		D	RESISTOR		R697	1-216-350-11	METAL OXIDE 1.2 5% 1W			
715		D	RESISTOR		R698	1-216-091-00	RES-CHIP 56K 5% 1/10W			
716		D	RESISTOR		R699	1-215-865-11	METAL OXIDE 220 5% 1W			
717		D	RESISTOR		R700	1-218-768-11	METAL CHIP 470K 0.5% 1/10W			
718		D	RESISTOR		R703	1-249-410-11	CARBON 270 5% 1/4W			
719		D	RESISTOR		R704	1-215-449-00	METAL 15K 1% 1/4W			
720		D	RESISTOR		R705	1-215-449-00	METAL 15K 1% 1/4W			
721		D	RESISTOR		R706	1-216-679-11	METAL CHIP 15K 0.5% 1/10W			
722		D	RESISTOR		R707	1-216-661-11	METAL CHIP 2.7K 0.5% 1/10W			
723		D	RESISTOR		R708	1-216-661-11	METAL CHIP 2.7K 0.5% 1/10W			
724		D	RESISTOR		R709	1-216-659-11	METAL CHIP 2.2K 0.5% 1/10W			
725		D	RESISTOR		R710	1-216-659-11	METAL CHIP 2.2K 0.5% 1/10W			
726		D	RESISTOR		R711	1-216-346-00	METAL OXIDE 0.56 5% 1W			
727		D	RESISTOR		R712	1-215-860-11	METAL OXIDE 33 5% 1W			
728		D	RESISTOR		R713	1-216-347-11	METAL OXIDE 0.68 5% 1W			
729		D	RESISTOR		R716	1-215-860-11	METAL OXIDE 33 5% 1W			
730		D	RESISTOR		R717	1-216-353-00	METAL OXIDE 2.2 5% 1W			
731		D	RESISTOR		R718	1-215-863-11	METAL OXIDE 100 5% 1W			
732		D	RESISTOR		R719	1-216-679-11	METAL CHIP 15K 0.5% 1/10W			
733		D	RESISTOR		R720	1-216-295-91	SHORT 0			
734		D	RESISTOR		R721	1-216-011-00	RES-CHIP 27 5% 1/10W			
735		D	RESISTOR		R724	1-215-859-00	METAL OXIDE 22 5% 1W			
736		D	RESISTOR		R727	1-216-679-11	METAL CHIP 15K 0.5% 1/10W			
737		D	RESISTOR		R728	1-215-863-11	METAL OXIDE 100 5% 1W			
738		D	RESISTOR		R729	1-216-353-00	METAL OXIDE 2.2 5% 1W			
739		D	RESISTOR		R730	1-215-857-71	METAL OXIDE 10 5% 1W			
740		D	RESISTOR		R731	1-216-295-91	SHORT 0			
741		D	RESISTOR		R733	1-216-295-91	SHORT 0			
742		D	RESISTOR		R735	1-216-661-11	METAL CHIP 2.7K 0.5% 1/10W			
743		D	RESISTOR		R737	1-216-659-11	METAL CHIP 2.2K 0.5% 1/10W			
744		D	RESISTOR		R739	1-216-073-91	RES-CHIP 10K 5% 1/10W			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
745		D	RESISTOR		R741	1-249-380-11	CARBON 0.82 5% 1/4W			
746		D	RESISTOR		R743	1-249-380-11	CARBON 0.82 5% 1/4W			
747		D	RESISTOR		R745	1-216-298-00	RES-CHIP 2.2 5% 1/10W			
748		D	RESISTOR		R747	1-216-298-00	RES-CHIP 2.2 5% 1/10W			
749		D	RESISTOR		R753	1-216-679-11	METAL CHIP 15K 0.5% 1/10W			
750		D	RESISTOR		R755	1-216-679-11	METAL CHIP 15K 0.5% 1/10W			
751		D	RESISTOR		R900	1-216-053-00	RES-CHIP 1.5K 5% 1/10W			
752		D	RESISTOR		R903	1-216-049-11	RES-CHIP 1K 5% 1/10W			
753		D	RESISTOR		R904	1-216-049-11	RES-CHIP 1K 5% 1/10W			
754		D	RESISTOR		R905	1-216-065-91	RES-CHIP 4.7K 5% 1/10W			
755		D	RESISTOR		R906	1-216-073-91	RES-CHIP 10K 5% 1/10W			
756		D	RESISTOR		R907	1-260-316-51	CARBON 100 5% 1/2W			
757		D	RESISTOR		R908	1-216-057-00	RES-CHIP 2.2K 5% 1/10W			
758		D	RESISTOR		R909	1-216-057-00	RES-CHIP 2.2K 5% 1/10W			
759		D	RESISTOR		R910	1-249-411-11	CARBON 330 5% 1/4W			
760		D	RESISTOR		R911	1-249-418-11	CARBON 1.2K 5% 1/4W			
761		D	RESISTOR		R912	1-249-417-11	CARBON 1K 5% 1/4W			
762		D	RESISTOR		R913	1-249-401-11	CARBON 47 5% 1/4W			
763		D	RESISTOR		R914	1-249-401-11	CARBON 47 5% 1/4W			
764		D	RESISTOR		R915	1-216-065-91	RES-CHIP 4.7K 5% 1/10W			
765		D	RESISTOR		R916	1-216-077-91	RES-CHIP 15K 5% 1/10W			
766		D	RESISTOR		R917	1-216-077-91	RES-CHIP 15K 5% 1/10W			
767		D	RESISTOR		R918	1-249-417-11	CARBON 1K 5% 1/4W			
768		D	RESISTOR		R919	1-216-073-91	RES-CHIP 10K 5% 1/10W			
769		D	RESISTOR		R920	1-249-421-11	CARBON 2.2K 5% 1/4W			
770		D	RESISTOR		R924	1-216-041-00	RES-CHIP 470 5% 1/10W			
771		D	RESISTOR		R925	1-216-065-91	RES-CHIP 4.7K 5% 1/10W			
772		D	RESISTOR		R926	1-216-295-91	SHORT 0			
773		D	RESISTOR		R929	1-216-057-00	RES-CHIP 2.2K 5% 1/10W			
774		D	RESISTOR		R931	1-216-659-11	METAL CHIP 2.2K 0.5% 1/10W			
775		D	RESISTOR		R933	1-249-417-11	CARBON 1K 5% 1/4W			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
776		D	RESISTOR		R934	1-249-429-11	CARBON 10K 5% 1/4W			
777		D	RESISTOR		R935	1-247-807-31	CARBON 100 5% 1/4W			
778		D	RESISTOR		R936	1-247-807-31	CARBON 100 5% 1/4W			
779		D	RESISTOR		R937	1-247-807-31	CARBON 100 5% 1/4W			
780		D	RESISTOR		R938	1-216-025-11	RES-CHIP 100 5% 1/10W			
781		D	RESISTOR		R939	1-216-073-91	RES-CHIP 10K 5% 1/10W			
782		D	RESISTOR		R940	1-216-089-91	RES-CHIP 47K 5% 1/10W			
783		D	RESISTOR		R950	1-216-051-00	RES-CHIP 1.2K 5% 1/10W			
784		D	RESISTOR		R951	1-216-025-11	RES-CHIP 100 5% 1/10W			
785		D	RESISTOR		R957	1-249-401-11	CARBON 47 5% 1/4W			
786		D	RESISTOR		R958	1-249-401-11	CARBON 47 5% 1/4W			
787		D	RESISTOR		R969	1-247-807-31	CARBON 100 5% 1/4W			
788		D	RESISTOR		R971	1-216-057-00	RES-CHIP 2.2K 5% 1/10W			
789		D	RESISTOR		R972	1-216-057-00	RES-CHIP 2.2K 5% 1/10W			
790		D	RESISTOR		R973	1-216-049-11	RES-CHIP 1K 5% 1/10W			
791		D	RESISTOR		R981	1-216-065-91	RES-CHIP 4.7K 5% 1/10W			
792		D	RESISTOR		R982	1-249-413-11	CARBON 470 5% 1/4W			
793		D	RESISTOR		R983	1-216-025-11	RES-CHIP 100 5% 1/10W			
794		D	RESISTOR		R984	1-216-089-91	RES-CHIP 47K 5% 1/10W			
795		D	RESISTOR		R985	1-216-093-91	RES-CHIP 68K 5% 1/10W			
796		D	VARIABLE RESISTOR	!	RV501	1-241-767-21	RES, ADJ, CERMET 100K			
797		D	VARIABLE RESISTOR		RV502	1-227-387-11	RES, VAR 100			
798		D	RELAY		RY601	1-755-067-21	RELAY, AC POWER			
799		D	RELAY		RY602	1-755-444-11	RELAY (AC POWER)			
800		D	SWITCH		S602	1-554-472-00	SWITCH, PUSH (1 KEY)			
801		D	SPARK GAP		SG501	1-519-422-11	GAP, SPARK			
802		D	SPARK GAP		SG601	1-533-982-21	GAP, SPARK			
803		D	TRANSFORMER	!	T501	1-453-368-11	FBT ASSY NX-4405/J1J1			
804		D	TRANSFORMER		T503	1-435-975-11	TRANSFORMER, FERRITE (DFT)			
805		D	TRANSFORMER		T503	1-437-350-11	TRANSFORMER, FERRITE (DFT)			
806		D	TRANSFORMER		T504	1-433-978-11	TRANSFORMER, HORIZONTAL DRIVE			

No.	#	Board	Type	△/*	Ref.No.	Part No.	Description	Remarks-1	Remarks-2	Difference
807		D	TRANSFORMER		T505	1-435-766-11	TRANSFORMER, FERRITE (HST)			
808		D	TRANSFORMER		T506	1-435-765-31	TRANSFORMER, FERRITE (LCT)			
809		D	TRANSFORMER		T601	1-435-768-11	TRANSFORMER, CONVERTER (SRT)			
810		D	THERMISTOR		TH600	1-803-339-11	THERMISTOR, NTC			
811		D	THERMISTOR		TH601	1-803-540-11	THERMISTOR, PTC			
812		D	VARISTOR		VA601	1-801-073-31	VARISTOR TNR14V471K660			
813		D	VARISTOR		VA604	1-801-073-31	VARISTOR TNR14V471K660			
814		D	VARISTOR		VA605	1-801-073-31	VARISTOR TNR14V471K660			
815		D	CRYSTAL		X901	1-767-826-21	VIBRATOR, CRYSTAL			
816		D	CRYSTAL		X902	1-767-933-11	OSCILLATOR, CERAMIC			
817		H1	CAPACITOR		C1001	1-130-495-00	MYLAR 0.1UF 5.00% 50V			
818		H1	CAPACITOR		C1002	1-102-074-00	CERAMIC 0.001UF 10.00% 50V			
819		H1	CONNECTOR	*	CN1001	1-564-520-11	"PLUG, CONNECTOR 5P"			
820		H1	DIODE		D1001	8-719-911-19	1SS119-25			
821		H1	DIODE		D1002	8-719-911-19	1SS119-25			
822		H1	DIODE		D1003	8-719-911-19	1SS119-25			
823		H1	DIODE		D1004	8-719-911-19	1SS119-25			
824		H1	DIODE		D1005	8-719-081-89	SML76755WNT15			
825		H1	RESISTOR		R1001	1-249-422-11	CARBON 2.7K 5% 1/4W			
826		H1	RESISTOR		R1002	1-249-413-11	CARBON 470 5% 1/4W			
827		H1	RESISTOR		R1003	1-249-414-11	CARBON 560 5% 1/4W			
828		H1	RESISTOR		R1004	1-249-417-11	CARBON 1K 5% 1/4W			
829		H1	RESISTOR		R1005	1-249-419-11	CARBON 1.5K 5% 1/4W			
830		H1	RESISTOR		R1006	1-247-843-11	CARBON 3.3K 5% 1/4W			
831		H1	SWITCH		S1003	1-762-196-21	SWITCH, TACT			
832		H1	SWITCH		S1007	1-786-155-11	SWITCH, TACTILE			

