

Service Manual

Projection Television



TX-43P15X TX-51P15X
 TX-43P15H TX-51P15H
 TX-43P15H **Q** TX-51P15H **Q**
 TX-43P15H **Z** TX-51P15H **Z**
E3 Chassis

Suffix at the end of the Model No.
 (for example: **L**, **Q**, **Z** etc.)
 is indicated only in the
 Serial Number label at Rear Cover
 and Chassis.

Specifications

Power Source:

TX-43/51P15H/H **Q**/H **Z**: AC 220V-240V, 50/60Hz
 TX-43/51P15X: AC 110V-240V, 50/60Hz

Power Consumption:

TX-43/51P15H/H **Q**/H **Z**: 188W
 TX-43/51P15X: 193W
 0.4W (Stand-by condition)

Aerial Impedance: 75Ω unbalanced, Coaxial type

Tuning System:

21 Systems
 Frequency Synthesizer
 Auto Search
 100(Position)/125(Direct)

Receiving Channels:

VHF Band	2-12	(PAL/ SECAM - B, K1)
	0-12	(PAL-B AUST.)
	1-9	(PAL-B N.Z.)
	1-12	(PAL/SECAM-D)
	1-12	(NTSC-M JAPAN)
	2-13	(NTSC-M U.S.A.)
UHF Band	21-69	(PAL-G, H, I)
	21-69	(SECAM-G, K, K1)
	28-69	(PAL-B AUST.)
	13-57	(PAL-D, K)
	13-62	(NTSC-M Japan)
	14-69	(NTSC-M U.S.A.)
CATV	S1-S20	(OSCAR)
	S21-S41	(HYPER)
	1-125	(U.S.A. CATV)
	5A, 9A	(AUST.)
	Z1-Z37	(CHINA)
	C13-C49	(JAPAN)

Intermediate Frequency:

Video	38.0 MHz
Sound	31.5 MHz (D, K)/32.0 MHz (I)
	32.5 MHz (B, G)/33.5 MHz (M)
Colour	33.57 MHz (PAL)/33.6 MHz (SECAM)
	33.75 MHz (SECAM)/34.42 MHz (NTSC)

Receiving Stereo sound system:

NICAM B/G, NICAM I,
 NICAM D, A2 (German)

Screen Size:

	Type 51	Type 43
Diagonal:	296 mm	1092 mm
Height:	780 mm	655 mm
Width:	1037 mm	874 mm

Projection Tube:

TVVAB10EHV (B-ASSY)
 TVVAG10EHV (G-ASSY)
 TVVAR10EHV (R-ASSY)
 90° deflection

High Voltage:

31.5 ± 1.0 kV at zero beam current

Audio Output:

Internal Speaker 24 W [12 W+12 W](10% THD)
 Impedance 8Ω

Video/Audio Terminals:

AV1, 2, 3, 4 IN	Video	1 Vp-p 75Ω
	S-Video	Y: 1.0 Vp-p 75Ω
		C: 0.3Vp-p 75Ω
		Approx. 0.5V 47kΩ
Monitor OUT	Audio	1Vp-p 75Ω
	Video	Approx. 0.5V 1kΩ
	Audio	

Dimensions:

	Type 51	Type 43
Height:	1371 mm	1261 mm
Width:	1095 mm	933 mm
Depth:	500 mm	500 mm

Mass:

	Type 51	Type 43
	61.0 kg	53.0 kg

Accessories Supplied:

Remote Controller x 1
 "R6" Battery x 2

Design and Specifications are subject to change without notice.
 Mass and dimensions shown are approximate.

Panasonic

©1999 Matsushita Electric Industrial Co., Ltd.
 All right reserved. Unauthorized copying and
 distribution is a violation of law.

 WARNING

This service literature is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service literature by anyone else could result in serious injury or death.

Contents

☐ Specifications	Cover
☐ Safety Precautions	3
☐ Chassis Boards Layout	4
☐ Disassembly for Service	5
☐ Service Hints	8
☐ CRT Set up	10
☐ Special Servicing Procedure	12
☐ Market Mode Function	13
☐ Service Adjustment Procedures	16
☐ Location of Lead Wiring	34
☐ Conductor Views	37
☐ Block Diagrams	51
☐ Schematic Diagrams	54
☐ Parts Location & Mechanical Replacement Parts List	72
☐ Replacement Parts List	74

Safety Precautions

General Guide Lines

1. It is advisable to insert an isolation transformer in the AC supply before servicing a hot chassis.
2. When servicing, observe the original lead dress, especially the lead dress in the high voltage circuits. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
3. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers, shields, and isolation R-C combinations, are properly installed.
4. When the receiver is not to be used for a long period of time, unplug the power cord from the AC outlet.
5. Potential, as high as **31.5kV**, is present when this monitor is in operation. Operation of the Projection Monitor without the rear cover involves the danger of a shock hazard from the power supply. Servicing should not be attempted by anyone who is not thoroughly familiar with the precautions necessary when working on high voltage equipment. Always discharge the anode of the projection tube to the Projection Monitor chassis before handling the tube.
6. After servicing make the following leakage current checks to prevent the customer from being exposed to shock hazards.

Leakage Current Cold Check

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
2. Turn on the Projection Monitor's power switch.
3. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the projection monitor, such as screw heads, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be between $4\text{ M}\Omega$ and $20\text{ M}\Omega$. When the exposed metal does not have a return path to the chassis, the reading must be ∞ .

Leakage Current Hot Check (See Fig.1)

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a $2\text{k}\Omega$, 10W resistor, in series with an exposed metallic part on the projection monitor and an earth such as a water pipe.
3. Use an AC voltmeter, with high impedance type, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reverse the AC plug in the AC outlet and repeat each of the above measurements.

6. The potential at any point should not exceed 1.0V rms . In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the projection monitor should be repaired and rechecked before it is returned to the customer.

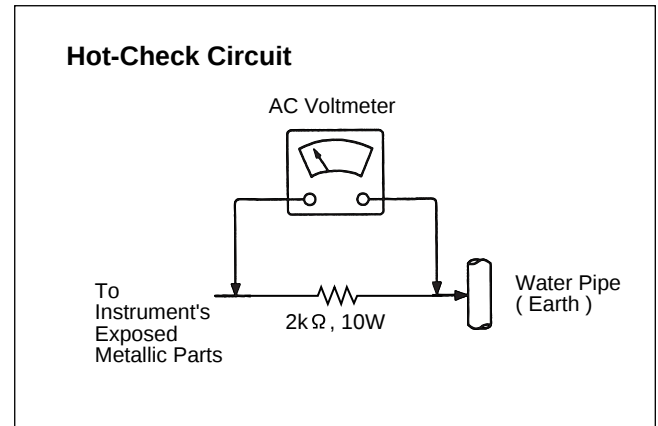


Fig. 1

X-Radiation

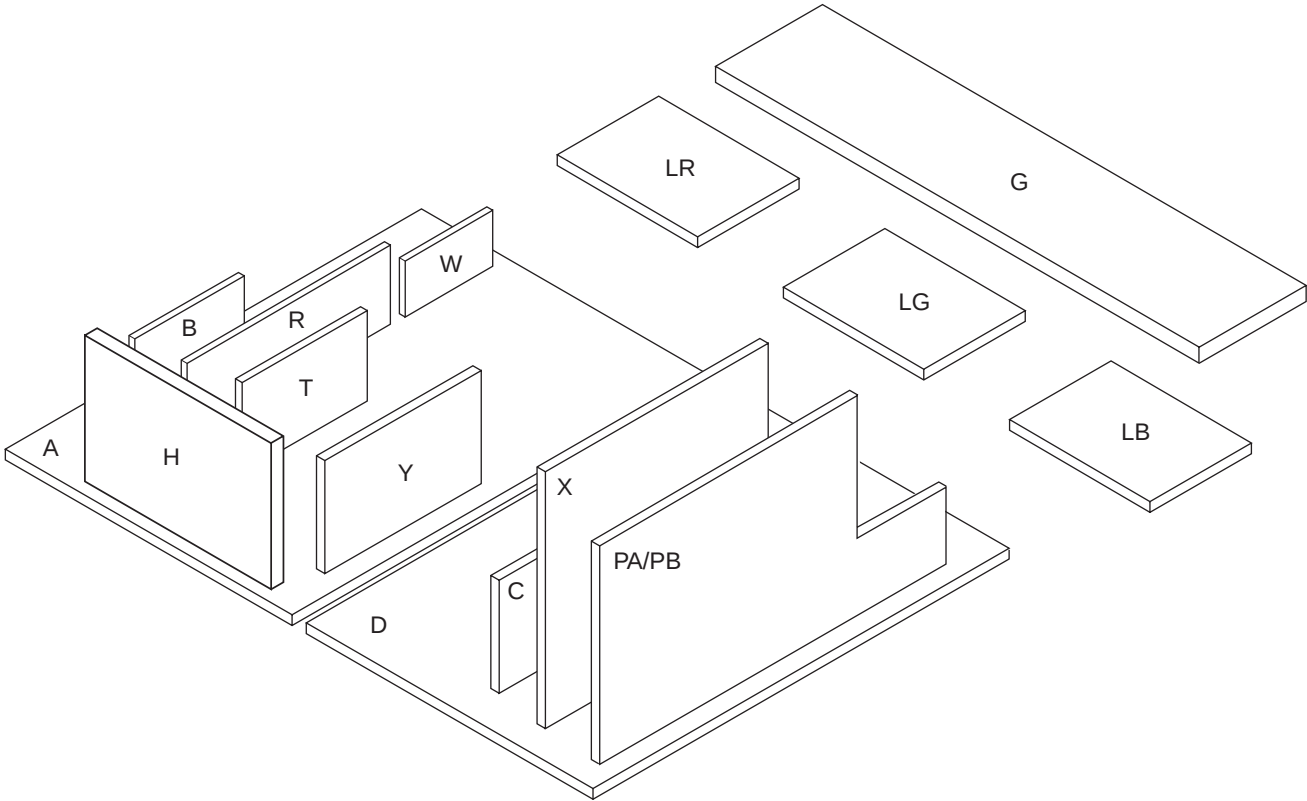
Warning :

1. The potential sources of X-Radiation in projection monitor are the High Voltage section and the projection tube.
2. When using a projection tube test jig for service, ensure that jig is capable of handling **31.5kV** without causing X-Radiation.

Note: It is important use an accurate periodically calibrated high voltage meter.

1. Set the brightness to minimum.
2. Set the service switch to the service position.
3. Measure the High Voltage. The meter reading should indicate $31.5 \pm 1.0\text{ kV}$. If the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure.
4. To prevent an X-Radiation possibility, it is essential to use the specified projection tube.

Chassis Board Layout

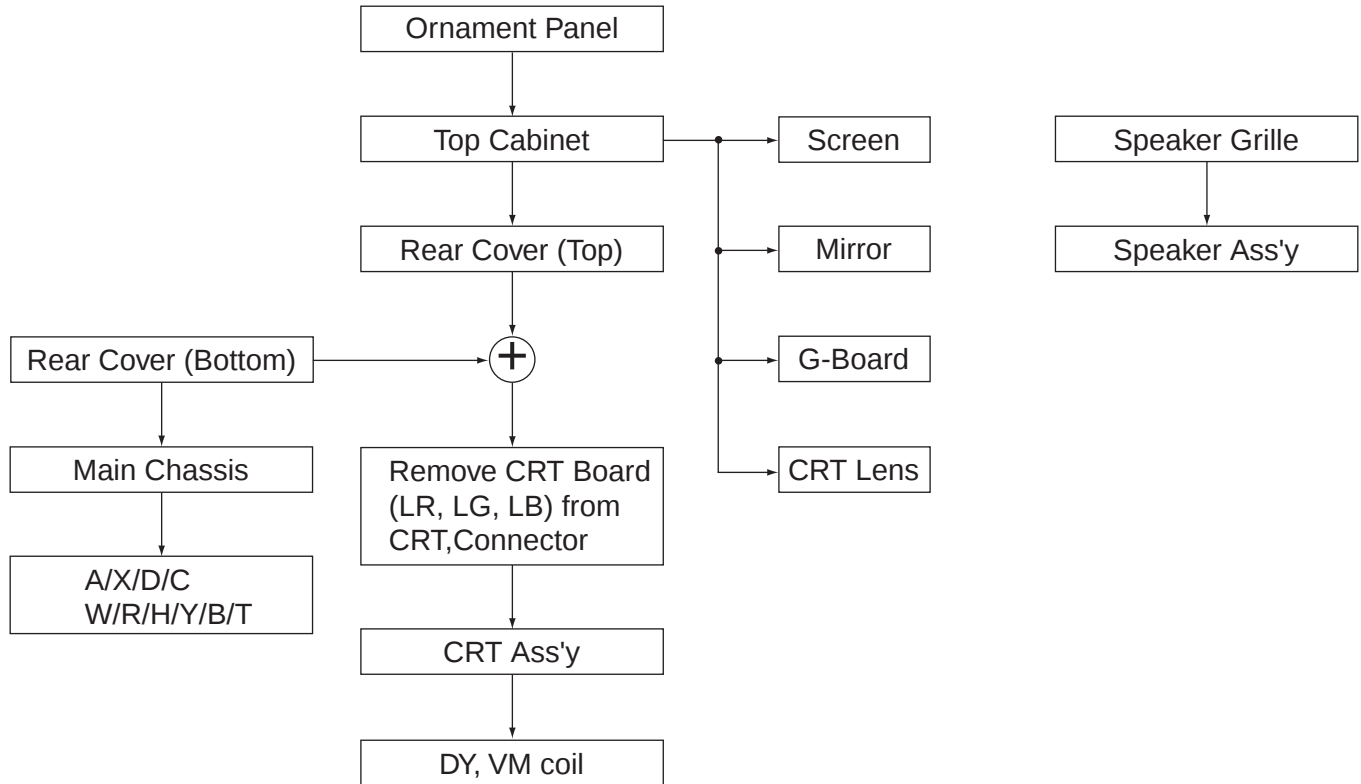


Board-Name	Function
A-Board	Main Signal
PA-Board/PB-Board	Main Power
X-Board	Deflection Control
D-Board	Deflection, High Voltage
C-Board	Digital Converter
W-Board	White Balance
LR-Board	CRT Drive (R)
LG-Board	CRT Drive (G)
LB-Board	CRT Drive (B)
R-Board	PINP
H-Board	Rear terminal
Y-Board	NR
B-Board	VIF
T-Board	Text
G-Board	Front Terminal

Disassembly for Service

This flowchart indicates disassembly items of the cabinet parts and circuit boards in order to find the items necessary for servicing, when reassembling, perform the procedures in the reverse order.

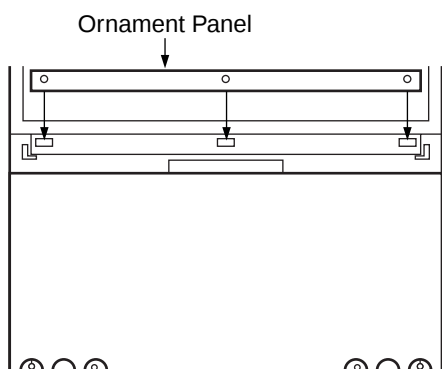
Disassembly Flowchart



Note: Board ground wires may have to be disconnected to disassemble some boards. All ground wires must be reconnected using jumper leads if necessary before power is applied to Receiver for service.

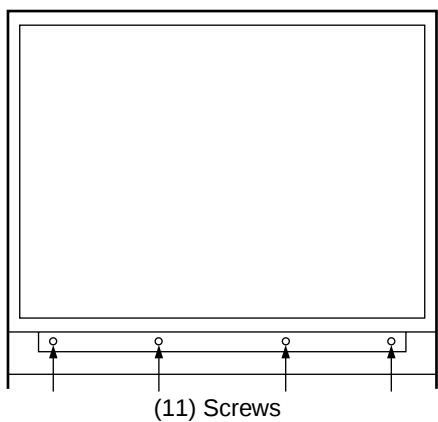
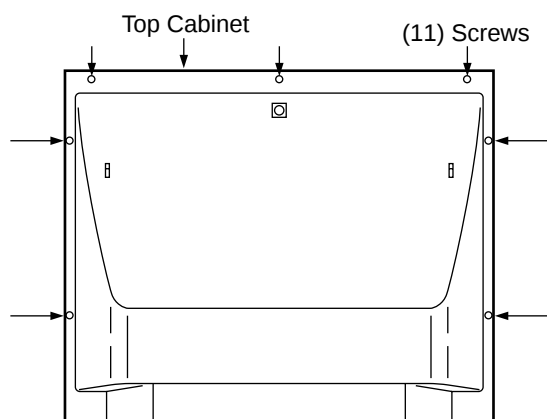
Ornament Panel

1. The Ornament Panel is secured by (3) striker pins. Grip the Ornament Panel at the side corner pull to remove.



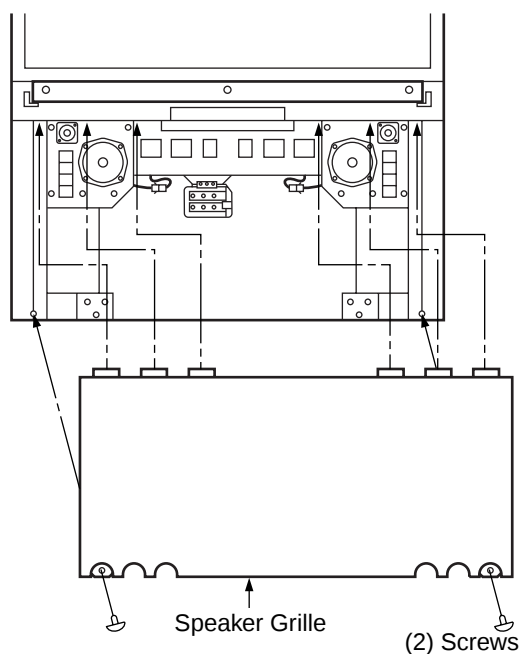
Cabinet (Top)

1. Remove (11) Screws.



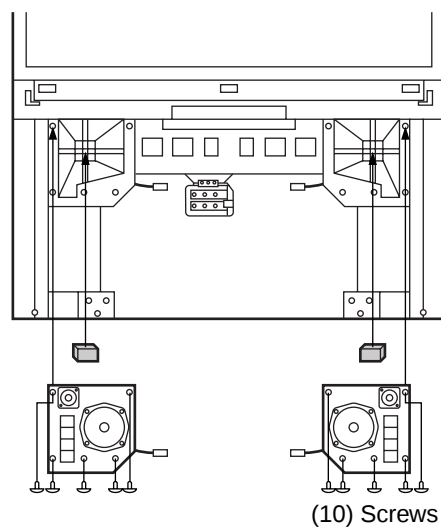
Speaker Grille

1. Remove (2) screws.



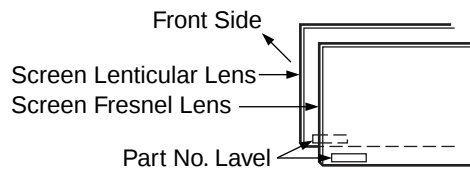
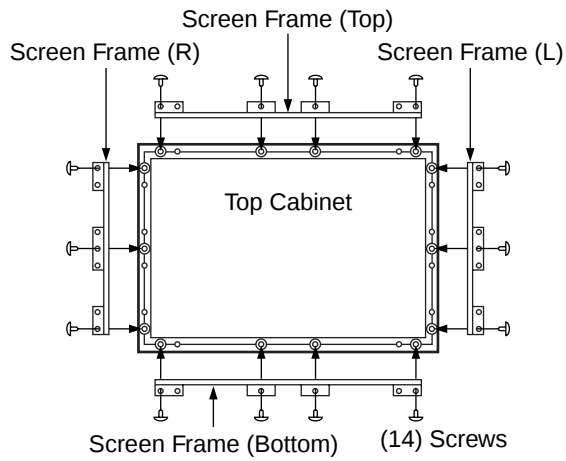
Speaker Ass's

1. Remove (10) screws.



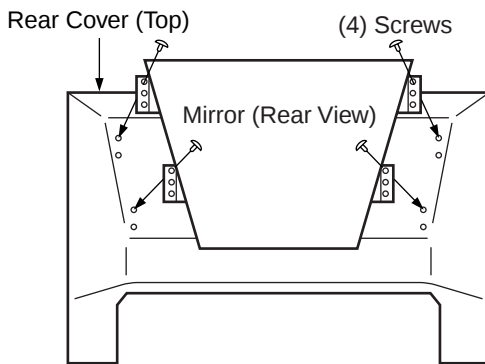
Screen

1. Remove (14) screws.

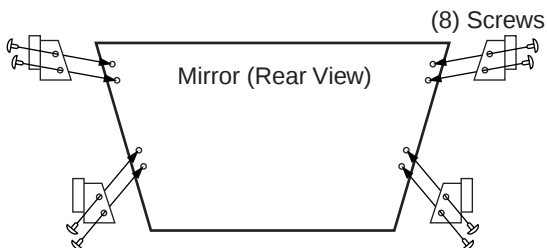


Mirror

1. Remove (4) screws.

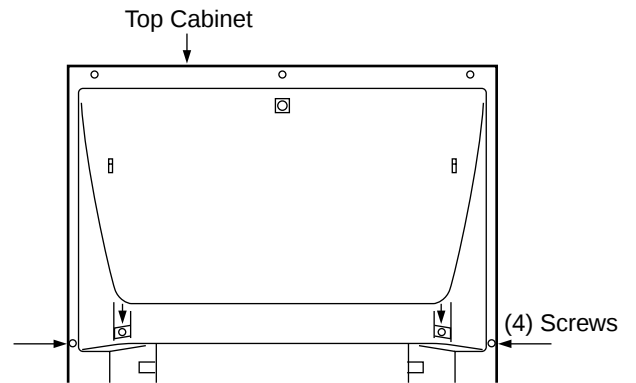


2. Remove (8) screws.

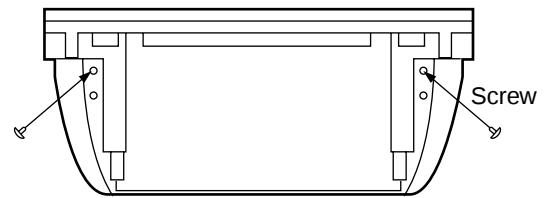


Rear Cover (Top)

1. Remove (4) screws.

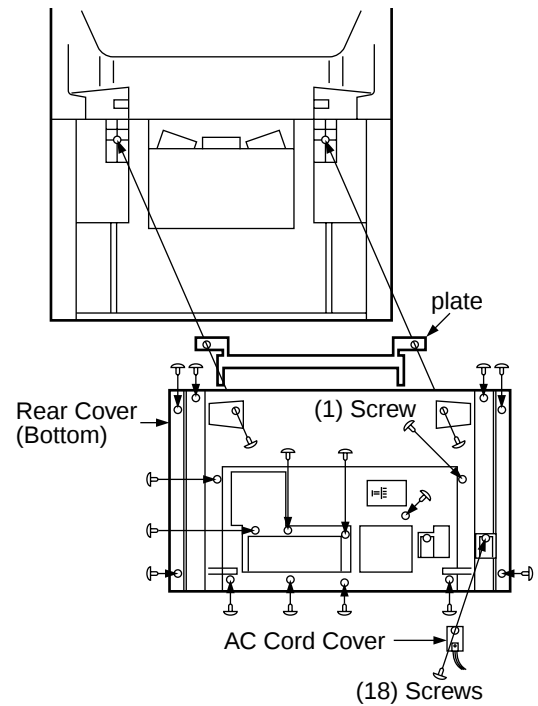


2. Remove (2) screws.



Rear Cover (Bottom)

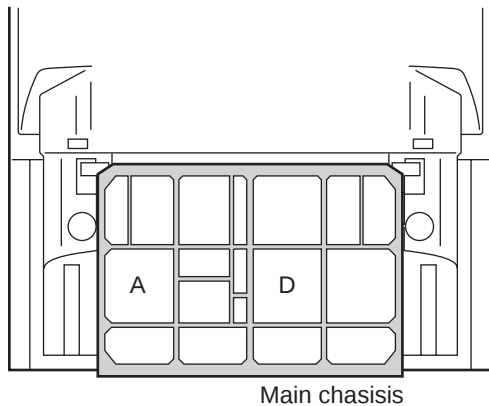
1. Remove (18) screws.
2. Remove (1) screw.



Service Hints

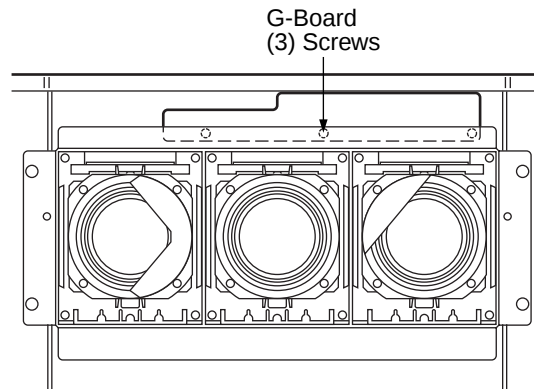
Service position for Main chassis

1. Remove the Rear Cover (Bottom) by removing (19) screws around its perimeter.
2. Remove lead wires and bundles from holders as necessary.
3. Pull out main chassis and stand it.



Service Position for G-Board

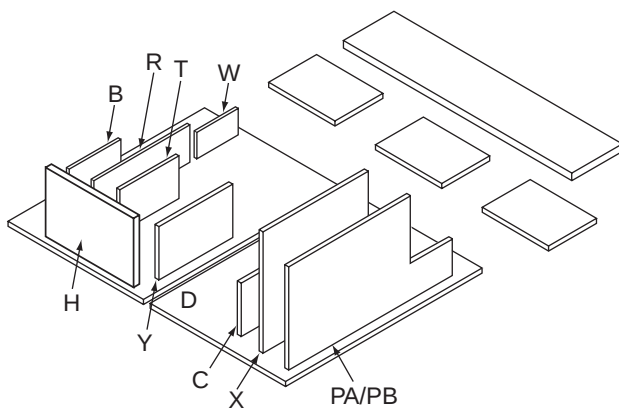
1. Remove the Top Cabinet Ass'y.
2. Remove G-Board by removing (3) screws.



Service Position for X/C/W/R/H/Y/B/T-Board

1. Remove the each circuit board from A or D-Board.
2. Connect extension cables between individual circuit board and A or D-Board.

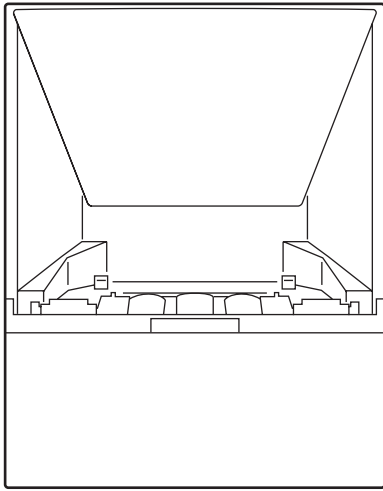
Note: Extension cable kit is supplied as service fixtures and tools. (Part No. TZS709010)



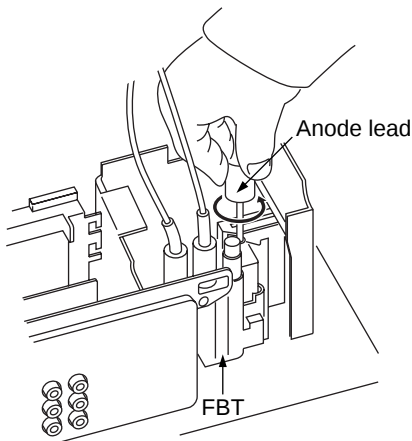
Disassembly For CRT Removal

To facilitate CRT replacement, the complete CRT mounting chassis does not need to be removed.

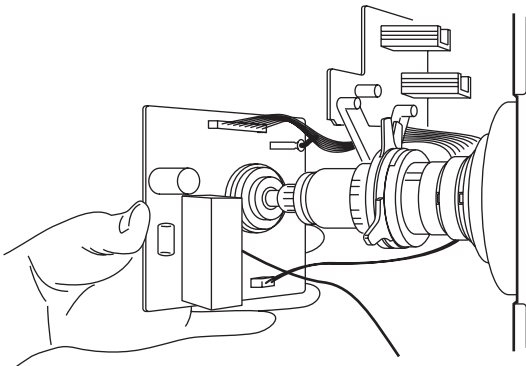
1. Remove the Screen Frame Ass'y, Decorative Panel and the Bottom Rear Cover Ass'y. (See Disassemble for Service).



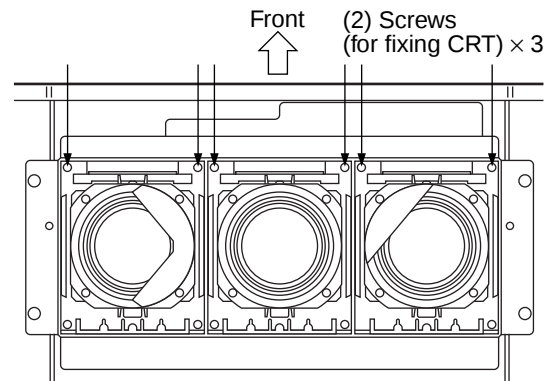
2. From the Rear side, remove the defective CRT's anode lead from the Flyback Transformer block that is mounted secured to the Main chassis E-Board.
3. Grasp the anode lead protective cap body inside, and rotate 1/4 turn counter clockwise and pull anode lead sleeve out of the distributor.
4. **Discharge anode lead to CRT chassis metal frame.**



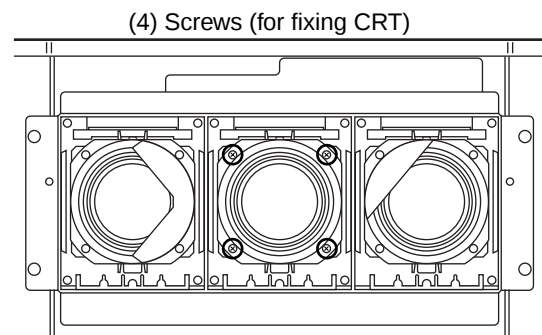
5. Unplug the defective CRT Dag (GND), from the CRT Board, LBGND for LB, LGGND for LG, LRGND for LR.
6. Remove lead wires (DY, VM coil) and anode lead wire from holders as necessary.
7. Remove the CRT Board from the defective CRT neck.



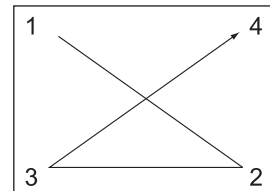
8. Note position of yoke with centering tabs and remove from defective CRT.
9. From the Top, remove (2) screws from the defective CRT.



10. Release CRT anode lead from CRT chassis wire clamp and all other wires from holders.
11. Wire the anode lead wire.
12. Lift out CRT assembly with lens assembly and other CRT neck assemblies.
13. Lay CRT face down on a soft cloth.
14. Remove CRT lens by removing (4) screws.



15. Install yoke and VM coil with other CRT neck assemblies on CRT neck in the same order and position as removed from the defective CRT.
16. Push yoke against bell of CRT and tighten the clamp just snug enough so it will not easily shift.
17. Assemble CRT focus lens assembly to new CRT with (4) screws. Make sure focus lens adjustment nut is in the same location as on other CRT focus lens.



Note: Please assemble with screws in the order shown in detail and tighten with same torque.

CRT Set Up

Caution: Insure yoke plugs on D-Board are reconnected before turning the Receiver on to prevent damage to the horizontal output transistor and/or CRTs.

1. Connect signal generator to AV terminal and set for Crosshatch pattern.
2. Loosen yoke clamp, seat yoke against bell of CRT and rotate to correct yoke tile (compare to adjacent CRT) tighten yoke clamp.
3. Remove adhesive from centering tabs and set centering tabs for zero correction.
4. Cover replacement CRT lens and static converge the tubes not replaced if needed. Check size and linearity of pattern and adjust as required.
5. Cancel the P-CONVERGENCE DATA by press the RECALL [$\square$ +] Button and [N] Button in Market mode CHK4 for zero correction.
6. Uncover replacement CRT lens and cover other two CRT lenses. Adjust electrical focus on replacement CRT and centering magnet. Adjust optical focus (lens) if required.
7. Goes out Market mode. (Do not store the Cancel data).
8. Uncover all CRT lenses and use yoke centering magnet to converge replacement CRT (in center area of screen only) with other two CRTs. Disregard non-convergence in areas other than center area.
9. Adjust S and P convergence controls (see convergence adjustment).
10. Perform White Balance procedure.

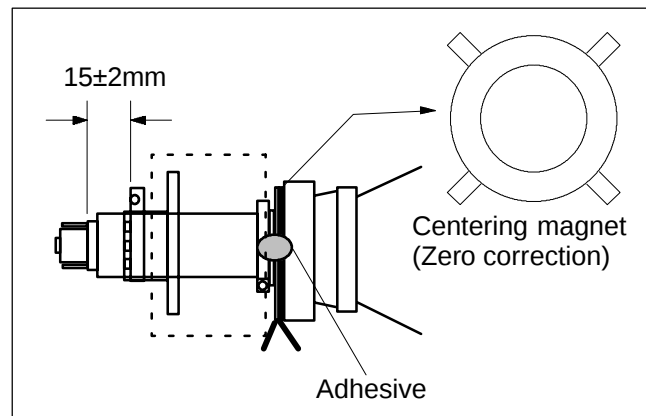


Fig.1

Dynamic Focus Adjustment and Confirmation

1. Focus adjustments should be performed after 1 hour of aging.
2. Use oscilloscope with 100 : 1 probe.
3. Apply crosshatch pattern.
4. Adjust the Red, Blue and Green focus VR on the focus block for best focus of overall picture of each CRT. (Fig. 2)

Focus Pack

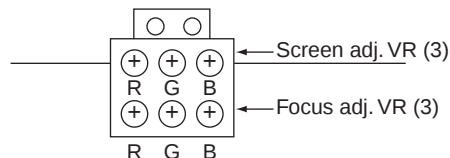


Fig. 2

5. Connect the scope probe to TP64, GND to D29. Scope set at 20V/div & 5m sec./dev.
6. Confirm that waveform is $800V \pm 60V$. (Fig. 3)

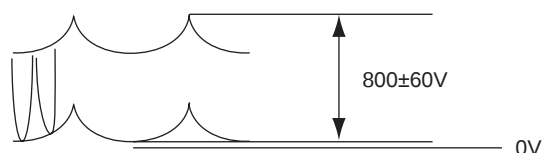


Fig.3

7. Proceed with Focus Adjustments.

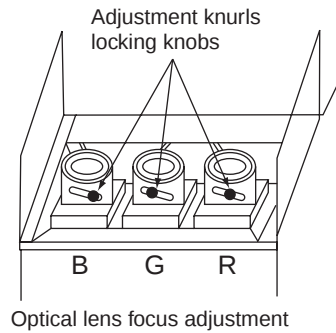
Focus - Electrical Adjustment

1. Cover the Red and Blue CRT, projecting Green only. The electrical focus controls are located on the front. Adjust the Green Focus VR for best focus of overall picture. (Fig. 2)
2. Repeat for Red focus VR while projecting Red only.
3. Repeat for Blue. (Best focus at bottom left corner of screen)

Focus - Optical Lens Adjustment

Note: This adjustment normally should not require resetting unless the lens has been replaced or adjustment has changed.

1. Optical focus adjustment is located on the top of each CRT lens system. Loosen the adjustment knurls locking knob. (Fig. 4)



Optical lens focus adjustment
Fig. 4
(Rear view)

2. Turn the Receiver on apply and view a monoscope pattern.
3. Adjust each lens focus for best focus while viewing each CRT.
4. Cover the Red and Blue CRT, projecting green only. Rotate the Green lens for best focus around screen center area.
5. Do the same for the Red focus lens while projecting Red only.
6. Repeat for Blue.

Special Servicing Procedure

Self Check Function

SELF CHECK is used to automatically check the Bus lines and Hexadecimal code of the TV set.
Contents of the Self Check is as follows.

1. Confirmation result for IC function
2. Protection Information

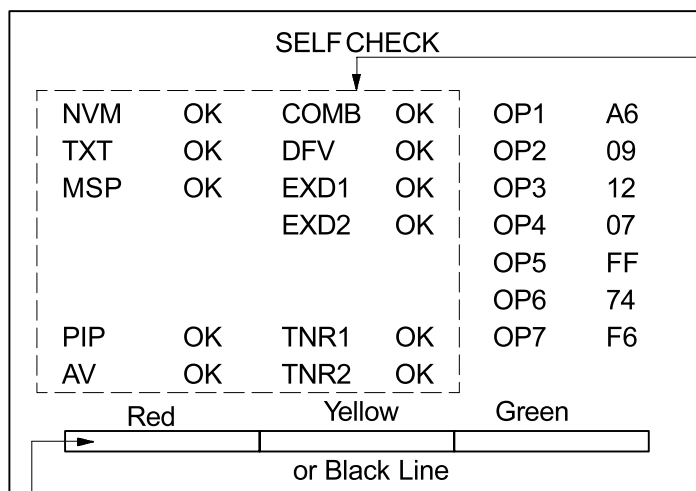
Procedure

1. Simultaneously push the OFF TIMER button [⏻] on the remote control and the VOLUME DOWN button [-] on the TV set.

2. The TV enters the self-check mode and the result are displayed on the screen .
Please note that the program on number will be change to position "I" Mode automatically.

3. Press any key to clear the self-check mode and return to the normal state.

On-Screen for SELF CHECK mode



Check result of IC

" OK " → Normal

" -- " → Abnormal

(Check IC or its nearby components)

NVM	: IC1211	(A-Board)
TXT	: IC3501	(T-Board)
MSP	: IC2001	(A-Board)
PIP	: IC1605	(R-Board)
AV	: IC3001	(A-Board)
COMB	: IC5501	(A-Board)
DFV	: IC771	(X-Board)
EXD1	: IC1806	(W-Board)
EXD2	: IC4102	(W-Board)
TNR1	: 1st Tuner (TNR001)	(A-Board)
TNR2	: 2st Tuner (TNR002)	(A-Board)

Protectin information

Black line : Normal

Other Colour : Abnormal Voltage,Shout down,Over Current,or V-Stop.

How to replace Memory IC (IC1211)

1. Many data which control circuit on the TV set are memorized in Memory IC.
If the memory IC will be replaced, perform each adjustment and setting by taking the following procedure.

Note : Memory IC which are supplied through spare parts route have not memorized these data.

2. Automatic Initialization Procedure:

The initial data will be memorized in memory IC from MPU automatically so that the TV set operates basic function and then TV goes "Market Mode".

- 1) Contact a jumper wire between TPA14 (pin 3 of IC1213) and ground.
- 2) Turn the TV set on. Memory IC is initialized and TV goes "Market Mode".
- 3) Remove a jumper wire.

Market Mode Function

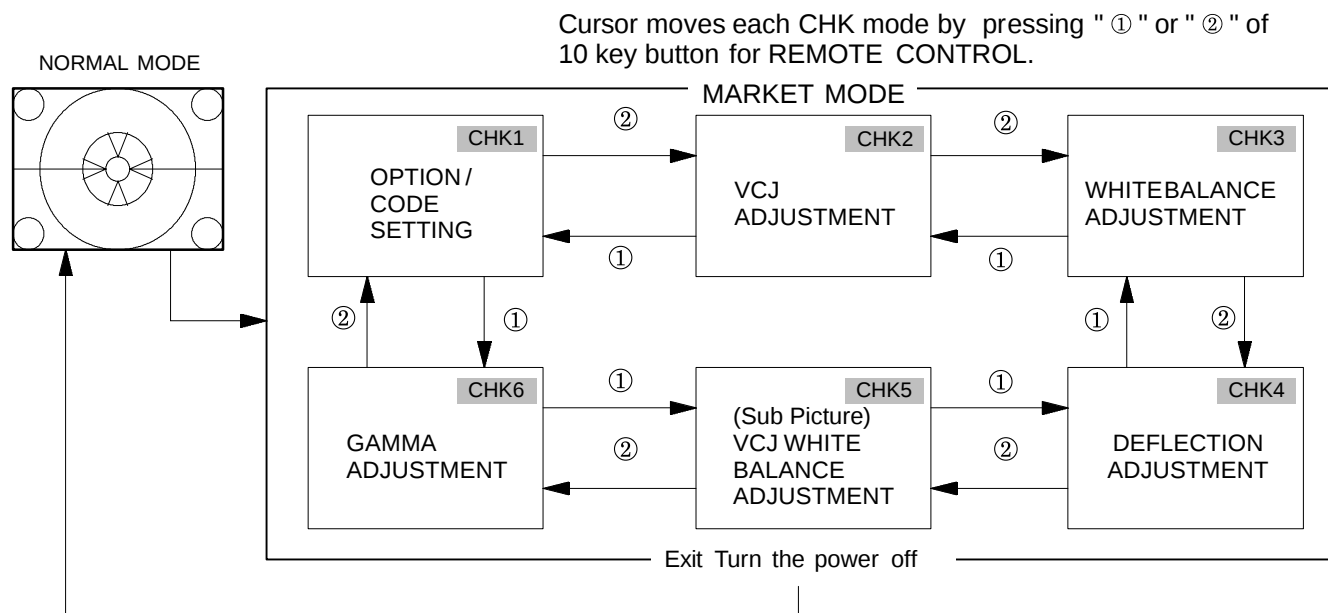
Outline : MPU controls the functions switching for each IICs through IIC bus in E3 chassis. The following setting and adjustment can be adjusted by remote control in Market Mode.

1.Selection of Market Mode

Adjust VOLUME "zero" and set OFF TIMER Button [⏻] (turn on the timer)

Then, simultaneously press the RECALL [⏮] Button on the remote control and the VOLUME DOWN button [-] on the TV set.

2.Selection of CHK Mode



Option Code Setting Mode (CHK 1)

If the memory IC (IC1102) is replaced, option code should be re-memorized.

Option code can be changed by pressing Volume "+" or "-" button.

To memorize, press" 0 " of 10 key button.

CHK 1

OPTION SETTING

OPTION

OP1E6

OP208

OP300

OP4F4

OP5FF

OP674

OP7F6

CHK1

To memorize,
press "0" of
10 key button.

for TX-43/51P15X

OPTION

OP1A6

OP244

OP312

OP407

OP5FF

OP674

OP7F6

for TX-43/51P15H

OPTION

OP1A6

OP209

OP312

OP407

OP5FF

OP674

OP7F6

for TX-43/51P15HQ/HZ

OPTION

OP1A6

OP20A

OP312

OP407

OP5FF

OP674

OP7F6

Adjustment data changing

To change the screen (item) in CHK mode, press “3” or “4” of 10 key button. Then Data and Level changes by pressing Volume “+” or “-” button.

VCJ Adjustment Mode (CHK2)

Display	Adj. Range	Average Data & Fixed [() mark] Data	Items
RF AGC 1	0-127	68	RF AGC (For Main Picture)
RF AGC 2	0-127	54	RF AGC (For Sub Picture)
CONTRAST	0-63	(63)	Contrast (the same as user control)
SUB CONTRAST	0-31	17	Sub Contrast
COLOUR	0-63	(32)	Colour (the same as user control)
SUB COLOUR	0-63	13	Sub Colour
NTSC-TINT	0-63	(32)	NTSC Tint (the same as user control)
SUB NTSC-TINT	0-63	30	Sub NTSC Tint
BELL FO	0-3	1	SECAM BELL Filter out
SECAM R-Y OUT	0-15	9	SECAM R-Y Black level
SECAM B-Y OUT	0-15	7	SECAM B-Y Black level
TXT CONTRAST	0-255	108	Text Contrast

White Balance Adjustment Mode (CHK3)

Display	Adj. Range	Average Data & Fixed [() mark] Data	Items
R-CUTOFF	0-255	135	Red Cut off
G-CUTOFF	0-255	128	Green Cut off
B-CUTOFF	0-255	103	Blue Cut off
BRIGHT	0-63	(32)	Bright (the same as user control)
SUB BRIGHT	0-255	52	Sub Bright
R-DRIVE	0-255	59	Red Drive
B-DRIVE	0-255	143	Blue Drive
SECAM R-Y OUT	0-15	9	SECAM R-Y Black level
SECAM B-Y OUT	0-15	7	SECAM B-Y Black level

Deflection Adjustment Mode (CHK4)

Display	Adj. Range	Average Data & Fixed [() mark] Data	Items
H-WIDTH	0-63	42	Horizontal Width
EW-PARABO	0-63	43	EW-Parabola
EW-CORNER	0-15	8	EW-Corner
50Hz V-HEIGHT	0-127	77	Vertical Height (50Hz)
60Hz V-HEIGHT	0-127	84	Vertical Height (60Hz)
V-LINEAR	0-31	19	Vertical Linearity
50Hz V-S-CORREC	0-31	8	Vertical S Curve Correction (50Hz)
60Hz V-S-CORREC	0-31	12	Vertical S Curve Correction (60Hz)
V-CENTER	0-7	3	Vertical Center
V-I-CORREC	0-15	(0)	Vertical I Correction
TRAPEZOID	0-63	0	Trapezoid
V-CORRECT	0-15	9	Vertical Correction
H-CORRECT	0-15	7	Horizontal Correction
50Hz H CENTER	0-31	17	Horizontal Center (50Hz)
60Hz H CENTER	0-31	18	Horizontal Center (60Hz)
S CONVERGENCE	-----	-----	Into Static Convergence
P CONVERGENCE	-----	-----	Into Dynamic Convergence

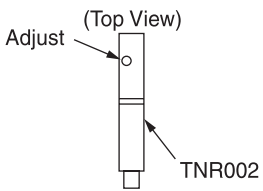
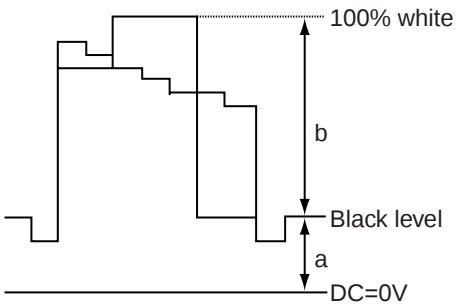
Sub Picture Adjustment Mode (CHK5)

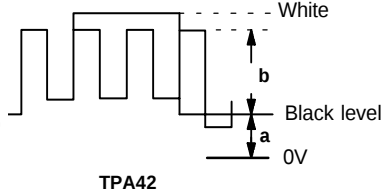
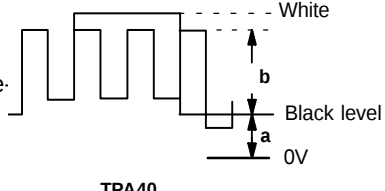
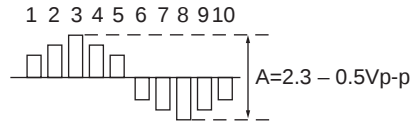
Display	Adj. Range	Average Data & Fixed [() mark] Data	Items
RF AGC2	0-127	54	RF AGC (For sub Picture)
PRE CONTRAST	0-31	21	Pre Contrast (For sub Picture)
SUB CONTRAST 2	0-63	16	Sub Contrast (For sub Picture)
SUB COLOUR 2	0-63	31	Sub Colour (For sub Picture)
SUB NTSC-TINT 2	0-63	22	Sub NTSC Tint (For sub Picture)
BELL FO 2	0-255	121	SECAM BELL Filter out (For sub Picture)
SECAM R-Y OUT 2	0-15	8	SECAM R-Y Black level (For sub Picture)
SECAM B-Y OUT 2	0-15	8	SECAM B-Y Black level (For sub Picture)
B/W WB-R	0-63	32	Black/White White Balance-Red
B/W WB-B	0-63	32	Black/White White Balance-Blue
R-Y OUT	0-255	99	R-Y Black level (For sub Picture)
B-Y OUT	0-255	97	B-Y Black level (For sub Picture)
SUB BRIGHT	0-127	51	Sub Bright (For sub Picture)

VPS Gamma Adjustment Mode (CHK6)

Display	Adj. Range	Average Data & Fixed [() mark] Data	Items
B-GAIN	0-255	70	Blue gain

Service Adjustment Procedures

Item/preparation	Adjustment Procedure
<u>+B Voltage Confirmation</u> 1. Operate the set. 2. Set controls: Bright.....minimum Contrast.....minimum Volume.....minimum	1. Pin 1 of connector P13 on P-Board : $140.0 \pm 2.0V$ 2. Pin 1 of connector P12 on P-Board : $15.0 \pm 2.0V$ 3. Pin 5 of connector P11 on P-Board : $9.0 \pm 2.0V$ 4. Pin 1 of connector P15 on P-Board : $21.0 \pm 2.0V$ 5. Pin 6 of connector P15 on P-Board : $-21.0 \pm 2.0V$ 6. Pin 1 of connector P11 on P-Board : $32.0 \pm 2.0V$ 7. Pin 6 of connector P13 on P-Board : $10.0 \pm 2.0V$
<u>High Voltage</u> 1. Remove Red CRT anode lead from Distributor by grasping anode lead protective cap top and squeeze it against the locking cap body under the protective cap. Rotate 1/4 turn and pull anode lead sleeve out of distributor connector. Discharge anode lead to CRT metal chassis.	1. Receive a Black Signal. 2. Confirm that high voltage is $31.5 \pm 1.0kV$.
<u>High Voltage Correct</u> 1. Connect DC voltmeter to TPX3(+) and TPX4(GND) on X-Board. 2. BRIGHT : 0 CONTRAST : 0 3. Receive a Black signal.	1. Set the data of Market mode CHK4 is as follows: H-CORRECT : 7 V-CORRECT : 9 2. Adjust R1501 (X-Board) so that the value of DC volt- meter become $6.1 \pm 0.2V$.
<u>RF AGC (Main picture) (Market mode CHK2)</u> 1. Receive a colour bar pattern. 2. Set the input level to 62dB (+1/-2dB) (75Ω opened) 3. Connect an oscilloscope to TPA12 with DC mode.	1. Set the TV to Market mode [CHK2]. 2. Adjust RF AGC Control so that the voltage at TPA12 becomes $6.2 \pm 0.5V$. 3. Increase the input level by 2dB and confirm that the voltage changes.
<u>RF AGC 2 (Sub picture)</u> 1. Receive a colour bar pattern. 2. Set the input level to 70dB (+1/-2dB) (75Ω opened) 3. Connect an oscilloscope to TPA20 with DC mode.	1. Adjust TNR002 so that the voltage at TPA8 becomes $6.2 \pm 0.5V$. 2. Increase the input level by 2dB and confirm that the voltage changes. 
<u>Sub Contrast (Market mode CHK3)</u> 1. Receive a colour bar pattern. 2. Connect an oscilloscope to TPA41 (A-Board). 3. Connect a short jumper between TPD6 and D29 (D-Board). 4. Set controls: Picture menu.....DYNAMIC NORMAL AI.....OFF	1. Adjust Sub Bright Control. $a = 2.3 \pm 0.2V_{p-p}$ 2. Adjust Sub Contrast Control. $b = 2.7(+0.05, -0.15)V_{p-p}$ 

Item/preparation	Adjustment Procedure
<u>PAL Colour Output</u> 1. Receive PAL colour bar pattern. 2. Connect an oscilloscope to TPA42 (A-Board). 3. Connect a short jumper between TPD29 and D29 (D-Board). 4. Set controls: Picture menu.....DYNAMIC NORMAL AI.....OFF	1. Adjust Bright Control. $a = 2.3 \pm 0.2V$ 2. Adjust Sub Colour Control. $b = 3.0(+0.1, -0.2)V_{p-p}$  TPA42 3. Connect the oscilloscope to TPA40. 4. Confirm that the waveform. $b = 2.85 \pm 0.5V_{p-p}$  TPA40
<u>NTSC Colour Output</u> 1. Apply 3.58MHz NTSC Rainbow pattern. 2. Connect an oscilloscope to TPA40 (A-Board). 3. Connect a short jumper between TPD29 and D29 (D-Board). 4. Set controls : Picture menu.....DYNAMIC NORMAL P.AI.....OFF P-DNR.....OFF	1. Confirm that the waveform: $A = 2.3 \pm 0.5V_{p-p}$ 

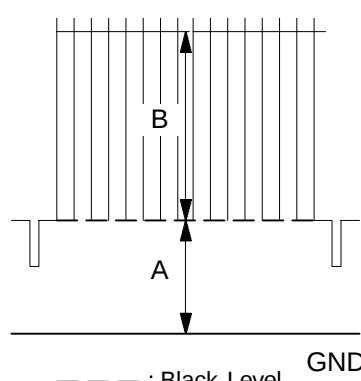
Sub Contrast, Cut off and White Balance Adjustment

Preparation

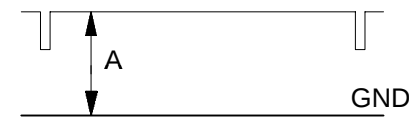
Sound Menu : Standard Normal
 Colour Temperature : Standard (STD)
 Picture Menu : Dynamic Normal
 D.PNR : OFF
 P.AI : OFF

Signal Generator :
 • Crosshatch Pattern
 • Black Pattern

• Sub Contrast Adjustment

Adjustment Procedure	Waveform
1. Connect Oscilloscope : TPLG1 on LG-board. 2. Into Market mode CHK3. 3. Receive Black Pattern. 4. Adjust Sub Bright : $A=200\pm2V$ 5. Receive Crosshatch Pattern. 6. Into Market mode CHK3. 7. Adjust Sub Contrast : $B=120\pm2V$	 — — — : Black Level GND

• CUT OFF PRE. Adjustment

Preparation & ADJ	Adjustment Procedure			Waveform
	G-CUT OFF	B-CUT OFF	R-CUT OFF	
Oscilloscope	TPLG1 (on LG-board)	TPLB1 (on LB-board)	TPLR1 (on LR-board)	Black Pattern  GND
Setting Projector	Into Market mode CHK3	Into Market mode CHK3	Into Market mode CHK3	
Signal generator	Black Pattern	Black Pattern	Black Pattern	
Adjustment	G-CUT OFF (in CHK3) $A=200\pm2V$	B-CUT OFF (in CHK3) $A=200\pm2V$	R-CUT OFF (in CHK3) $A=190\pm2V$	

• White Balance adjustment

Instrument

1. White balance meter.
2. Window pattern generator.

Preparation

1. Apply a window pattern.
2. Picture menu : Dynamic Normal, AI : off, PNR : off.
3. White Peek effect : off.
4. Set a Flood of WB meter on Screen Center.

Procedure

1. Adjust the DAC (R-DRIVE, B-DRIVE, R-CUTOFF, B-CUTOFF) so that Ratio R/G and B/G is within $100\pm 2\%$ with WB meter.
(See Below)

ADJ.	LUM. [cd/m ²]	R/G	B/G	TARGET		
				X,Y	COLOR TEMP.	MPCD
HI	200	R DRIVE	B DRIVE	X : 0.275 Y : 0.288	1100±500K	+8 ±5
LOW	5	R CUT OFF	B CUT OFF	X : 0.301 Y : 0.313	7400±500K	+8 ±5

• Sub-picture White Balance Adjustment

Instrument

1. White balance meter.
2. Signal generator.

Preparation

1. Aging should have been performed over 30 minutes.
2. Receive a black pattern on main-picture.
3. Receive a white pattern on sub-picture.
4. Picture menu : Dynamic Normal, AI : off.
5. Move sub picture to the center position of the main picture.
6. Fix the white balance meter receiver unit to sub picture screen.

Note:

- Take care that light does not enter from outside.
- CRT cut off and sub bright adjustment is completed.

Procedure

1. Adjust SUB BRIGHT2 (CHK5), so that the BRIGHTNESS of Sub-Picture is 30[cd/m²].
2. Adjust R-Y OUT (CHK5) and B-Y OUT (CHK5), so that Ratio of R/G and B/G is within $100\pm 2\%$.
3. Change the data of SUB BRIGHT 2 to Original data.

TARGET	
X,Y	COLOR TEMP
X : 0.2654	14900K-7MPCD
Y : 0.2642	

• Cutoff Adjustment

Instrument

- White Balance meter
- Signal Generator : Black Pattern

Preparation

- Should be performed after 1 hour of aging.
- In dark room.
- Focus Optical Lens has been adjusted.
- Set controls as following.

Picture Menu :	Dynamic Normal
Bright :	40
Colour Temperature :	Standard
D.PNR :	OFF
P.AI :	OFF
- Adjust Screen VR (R,B) to min. (Fully Counterclockwise).
- Set a Flood of WB METER on Screen Center.

Procedure

1. Adjust Green Screen VR so that the Brightness value of WB METER is to 2.5 ± 0.2 [cd/m²].
2. Adjust BRIGHT Control in PICTURE Menu to 32.
3. Adjust Red Screen VR so that R/G value is Center ($100 \pm 2\%$).
And Adjust Blue Screen VR so that B/G value is to Center ($100 \pm 2\%$).
4. Remove the Flood.

TARGET		
X,Y	COLOR TEMP	MPCD
X : 0.301	7400 $\pm$ 500K	± 5
Y : 0.313		± 5

Blue Peek-Limit Adjustment

Instrument

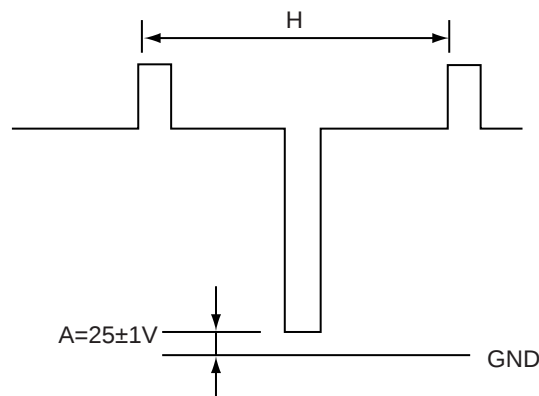
- White Balance meter
- Window pattern generator

Preparation

1. Connect an oscilloscope to TPLB1
2. Apply Window Pattern
3. Picture menu : DYNAMIC NORMAL. AI : OFF, PNR : OFF
4. White Peek effect : off
5. Set the Sub-Contrast and Blue-Drive DAC to MAX

Adjustment

1. Adjust B-LIMIT so that A is $25 \pm 1V$
2. Set the Sub-Contrast and Blue-Drive DAC to Original Data.



Blue focus Adjustment

Instrument

- White Balance meter
- Window pattern generator (W.P.G)

Preparation

1. Apply 100IRE WINDOW PATTERN, Pyrex 15cm x 15cm (1Vp-p) See the FIG 1.
2. Picture menu : DYNAMIC NORMAL. AI : OFF, PNR : OFF
3. White Peek effect : off
4. Set a Flood of WB METER on Screen Center.
5. Set the Sub-Contrast and Blue-Drive DAC to MAX
6. Cover the Green, Red CRT lens, projecting Blue only.

Adjustment

1. Adjust Blue focus VR so that Brightness is Minimum.
2. Adjust Blue focus VR Clockwise so that Brightness Value is 30 ± 1 [cd/m²] higher than the Brightness Value Adjustment in ITEM1).
3. Set the Sub-Contrast and Blue-Drive DAC to Original Data.

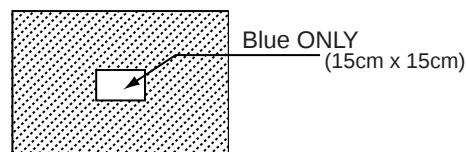


FIG. 1

Green raster adjustment

Caution

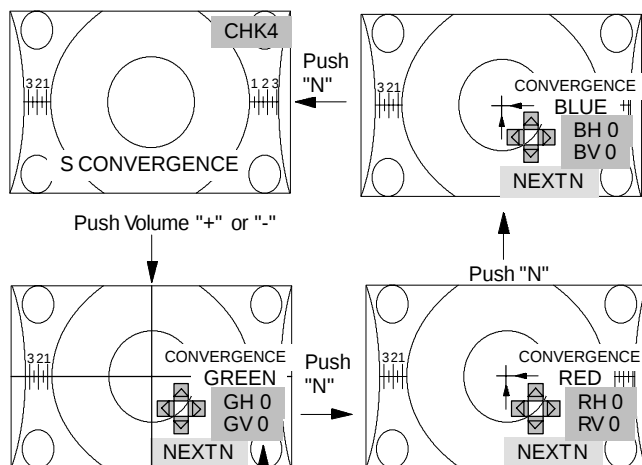
1. The following adjustment have to be carried out one with **PAL signal (50Hz)** and with **NTSC signal (60Hz)**.
2. Raster adjustment need to set the P-CONVERGENCE to Zero Correction some time.

Preparation

1. Before Green Raster Adjustment are attempted, CRT Set on page 10, Focus and High voltage Correct adjustment must be completed.
2. Apply Monoscope Pattern.
3. Set the Picture Menu to STANDARD NORMAL.
4. Set the TV to Market Mode, CHK4.
5. Set the Data of CHK4 as follows.

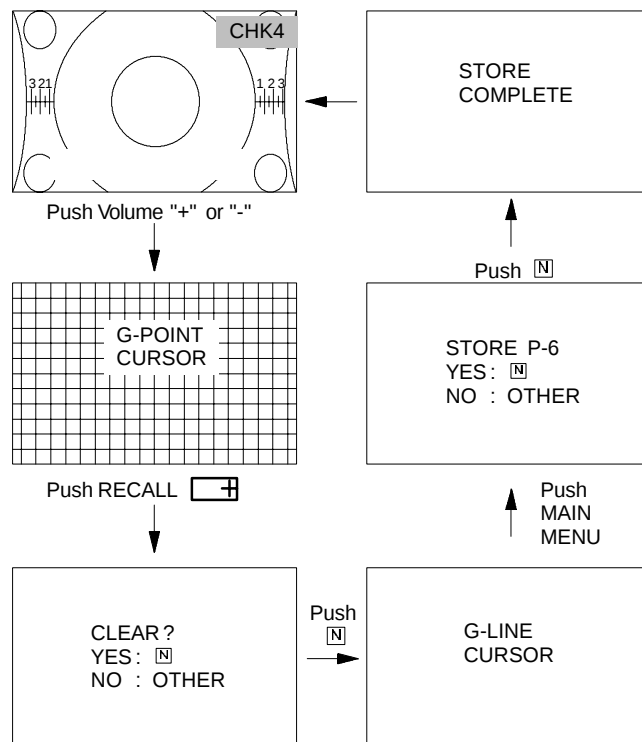
EW-PARABO	43	V-I-CORREC	0
EW-CORNER	8	TRAPEZOID	0
50Hz V-S-CORREC	8	V-CORRECT	9
60Hz V-S-CORREC	12	H-CORRECT	7
V-CENTER	4		

6. Cover the Red, Blue CRT lens, projecting Green only.
7. Set the Data of S CONVERGENCE to Zero.



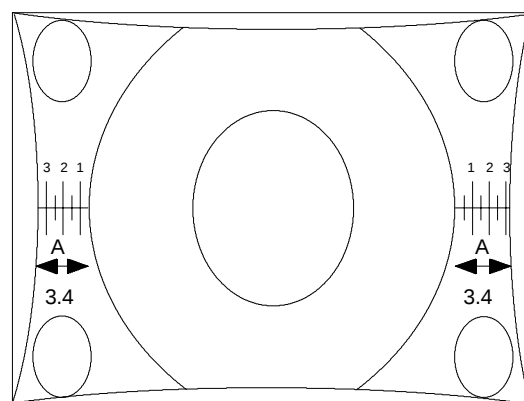
Adjust GH and GV data by pushing cursor UP/Down and Left/Right button to zero for G, R, B.

8. Set the Data of P-CONVERGENCE to Zero Correction.

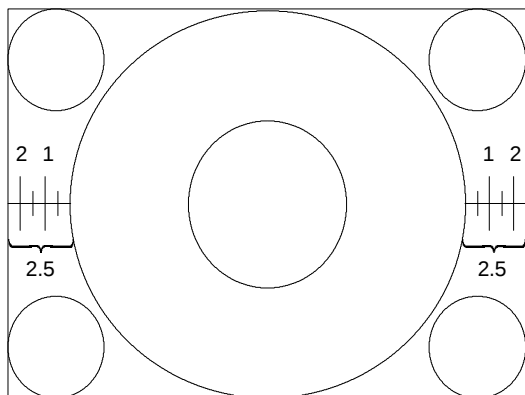


1. 50Hz-H-CENTER

1. As doing H-WIDTH Mode, adjust the data of H-WIDTH for 0 DAC (Minimum), to appear the edge of Raster.
2. Adjust approximately 3.4 divisions of a scale (same distance A) to meet screen edge by 50Hz H-CENTER control.



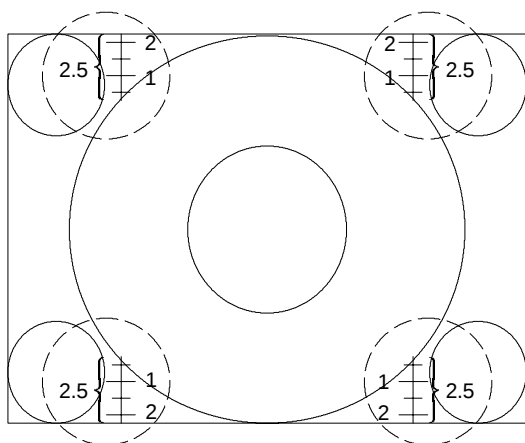
- Adjust horizontal amplitude for 2.5 divisions of a scale by H-WIDTH control
Total 5.0 division of a scale.



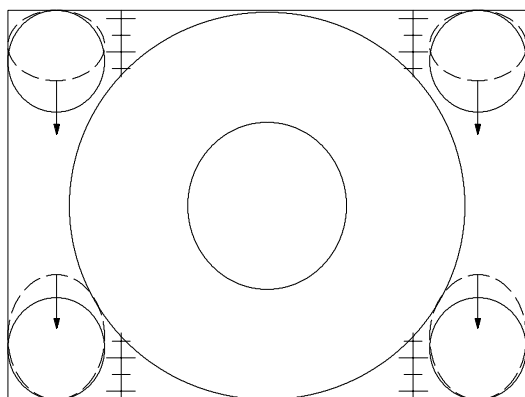
- Adjust an inclination of a prejudiced coil, as a central horizontal line of a monoscope pattern levels for center ring magnet, as a center of a green monoscope pattern comes for a center of a screen.
- Confirm Horizontal Amplitude and Horizontal Center, if they are not correct, repeat the procedure 1-4.

2. 50Hz V-HEIGHT, V-LINEAR

- Adjust vertical amplitude for 2.5 ± 0.1 division of a scale by 50Hz V-HEIGHT control.



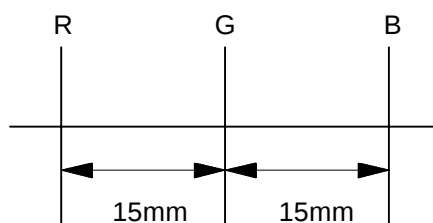
- Adjust Vertical Linearity for equal by V-LINEAR control.



- Confirm Vertical Center, if it is not correct, adjust pattern for center of the screen by Center Ring Magnet.
- Repeat the procedure 1-3 for correct V-HEIGHT and V-LINEAR.

3. Center Ring Magnet, and DY adjustment

- Uncover a cap of lens for Red, and take out seeing of red and green colour.
- For center ring magnet, adjust a prejudiced coil respectively as a central horizontal line level again, as a center of a red monoscope pattern comes for a position of a green left 15mm like a rough sketch.
- Transfer a cap of lens and .
- For center ring magnet, adjust a prejudiced coil respectively as a central horizontal line level again, as a center of a red monoscope pattern comes for a position of a green right 15mm like a rough sketch.

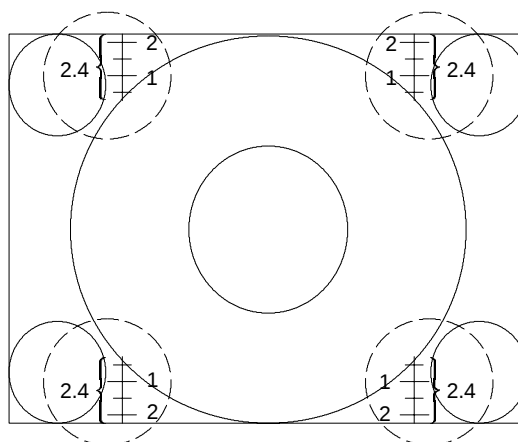


4. 60HZ H-CENTER (NTSC signal)

- Apply a NTSC Monoscope Pattern.
- For 60Hz Horizontal Center adjust them, adjust Monoscope pattern to the center of the screen.

5. 60HZ V-HEIGHT

- Adjust Vertical Amplitude for 2.4 ± 0.1 division of a scope by V-HEIGHT control.



Convergence Adjustment

The convergence adjustment is set separately for each 50Hz / 60Hz input (NTSC, PAL / SECAM). The following explanation uses the PAL mode as example, since the same procedure applies to the convergence adjustment for NTSC mode.

- **When replacing the following Parts.**

IC7101 (EEP-ROM in Digital Convergence Circuit)
L551 (Pincushion Coil)
High Voltage Producing Parts
Other Parts (If change the convergence)

Create an Adjustment Sheet by tracing the following specifications in their actual size on transparent film or tracing paper.

Then adjust the convergence.

- **When replacing one of the CRT's.**

Adjust the convergence for each of the 50Hz and 60Hz inputs so that they are aligned with the other colours.

Helpful Hint

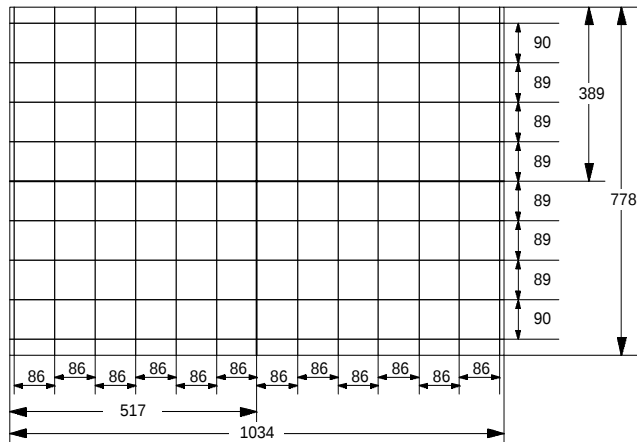
All positions which have been adjusted are recorded within P-2 for NTSC data and P-3 for PAL data of the memory. This data can be copied to P-4 memory area, allowing you to perform the adjustment of P-2 (NTSC) and P-3 (PAL). To perform these adjustments, push the SEACH button on the remote control, and manipulate the position [▲] and [▼] button and the "N" button as instructed by the On Screen Display in P CONVERGENCE adjustment.

All of the Convergence Control Charts have been listed for the remote control buttons after the Convergence Adjustment Procedure Please refer to these.
(Page 32 and 33)

51inch model

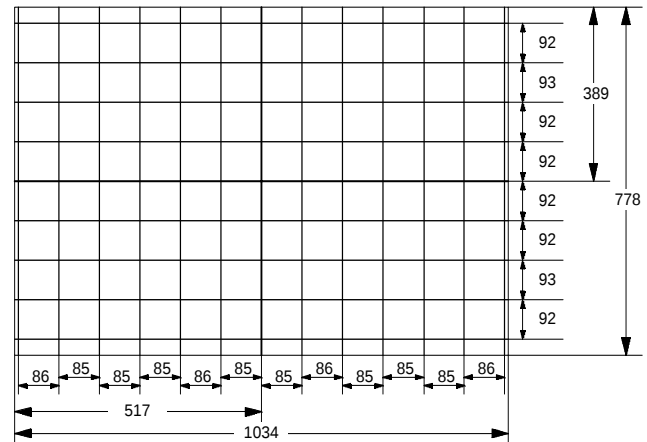
CONVERGENCE ADJUSTMENT SHEET (For PAL / SECAM)

PAL / SECAM



CONVERGENCE ADJUSTMENT SHEET (For NTSC)

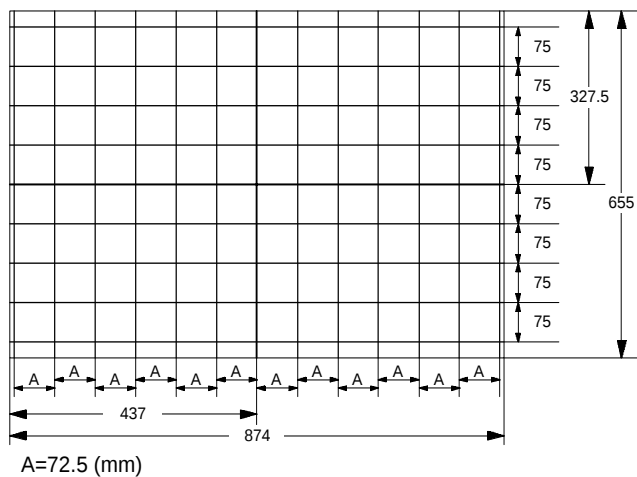
NTSC



43 inch model

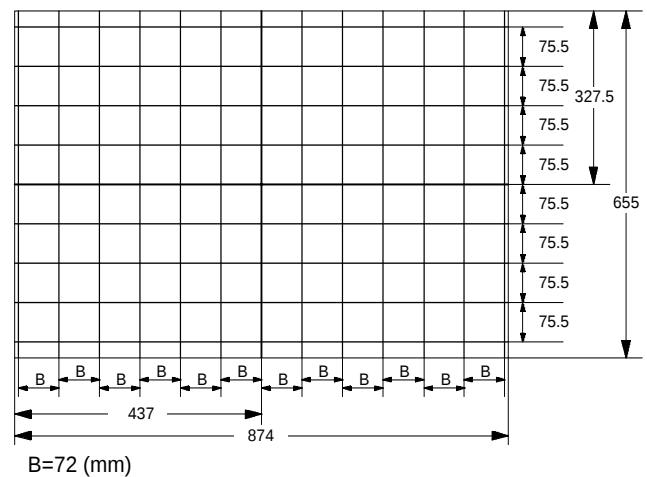
CONVERGENCE ADJUSTMENT SHEET (For PAL / SECAM)

PAL / SECAM

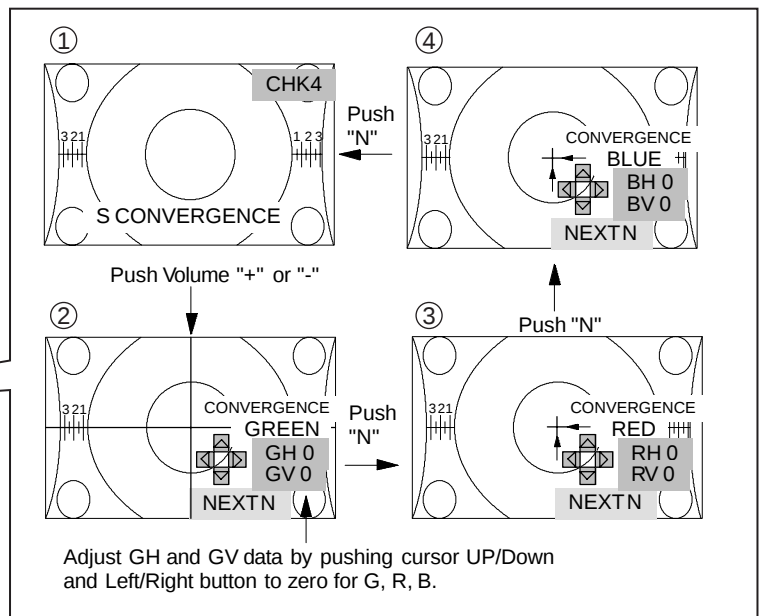
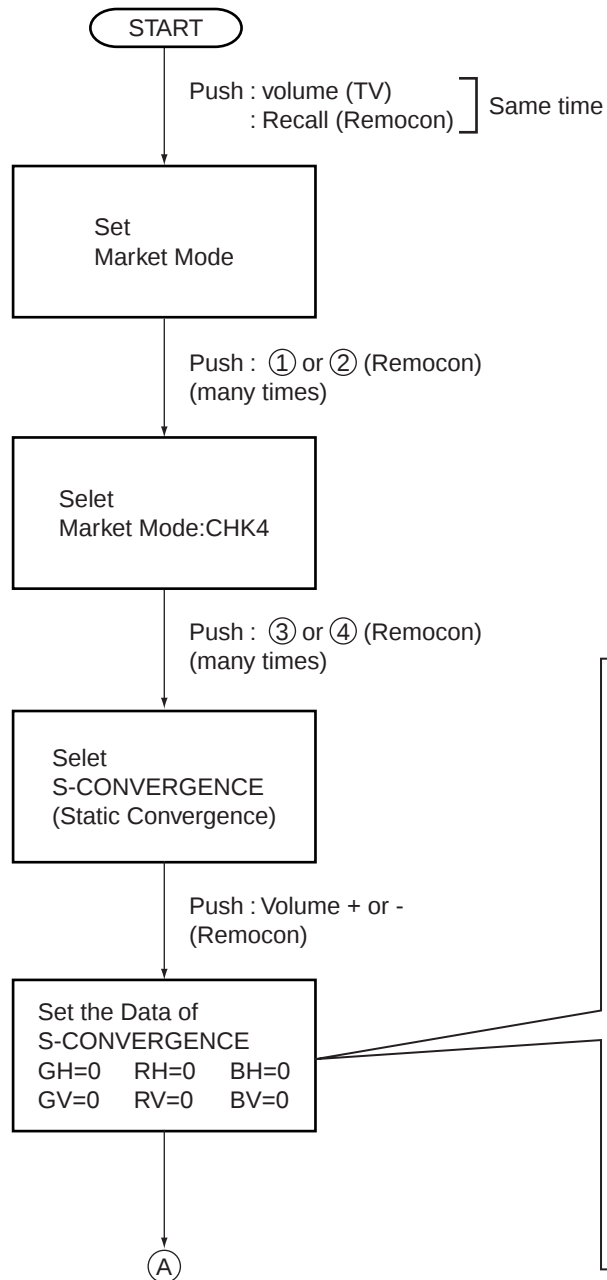


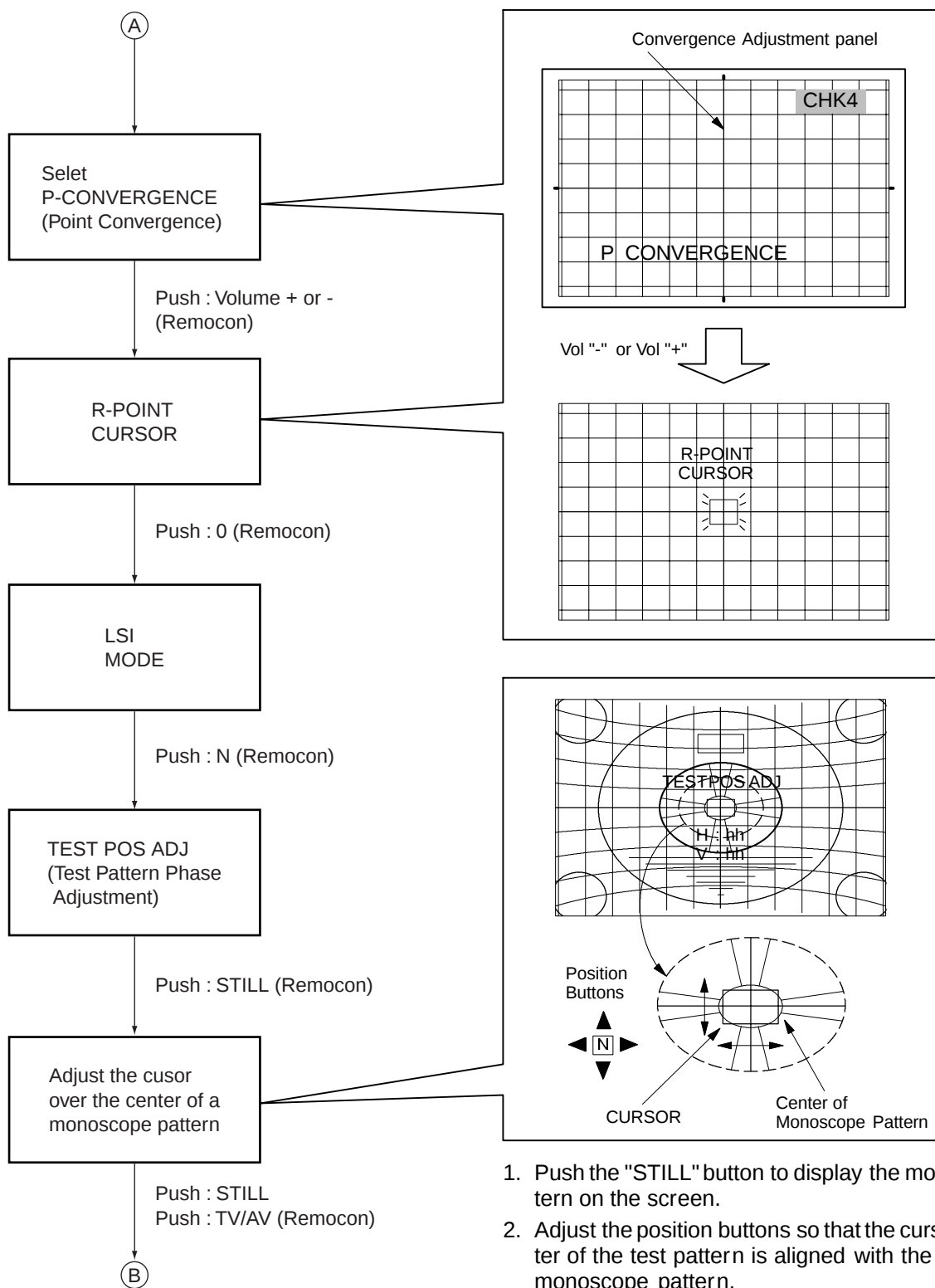
CONVERGENCE ADJUSTMENT SHEET (For NTSC)

NTSC

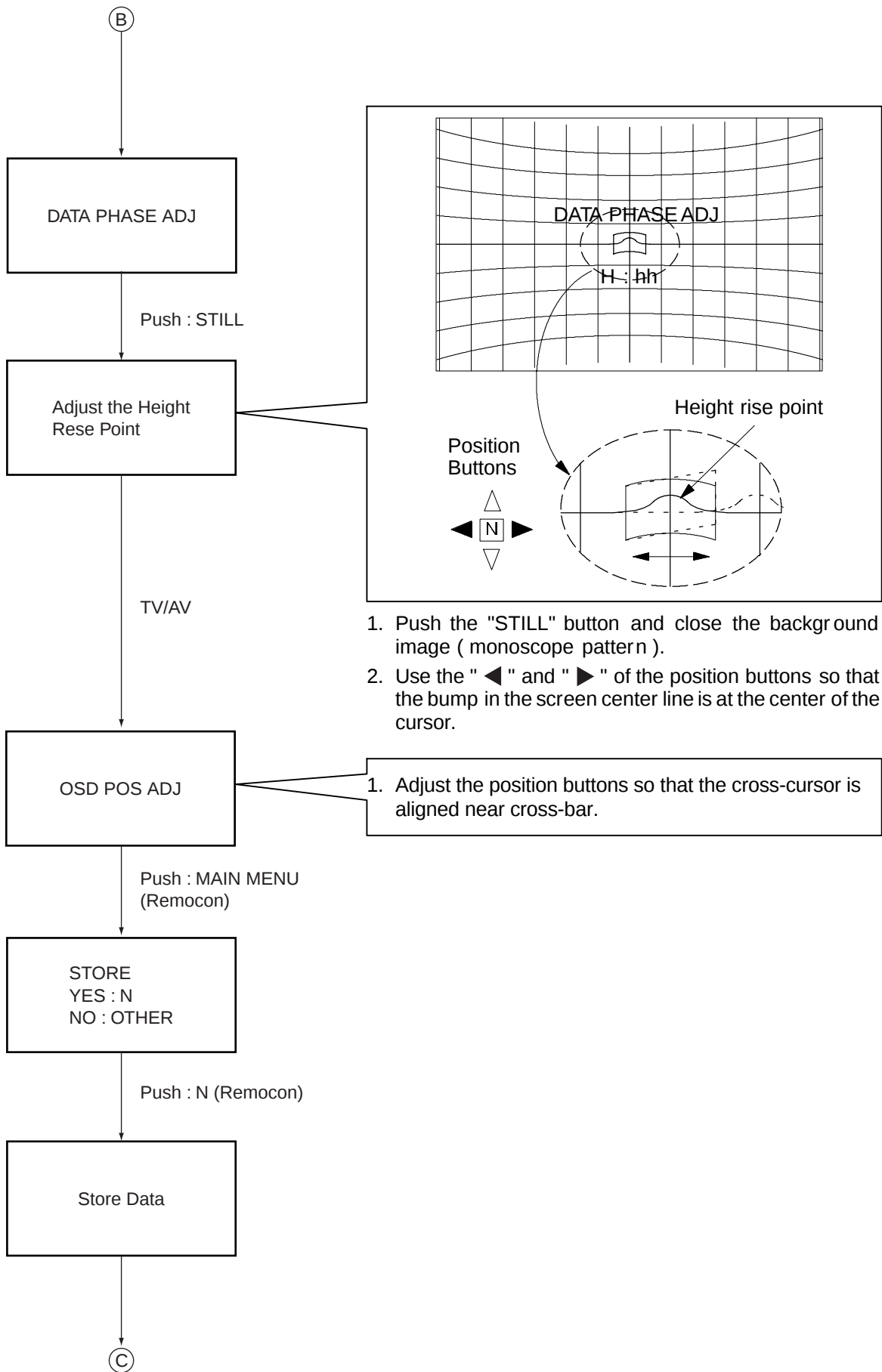


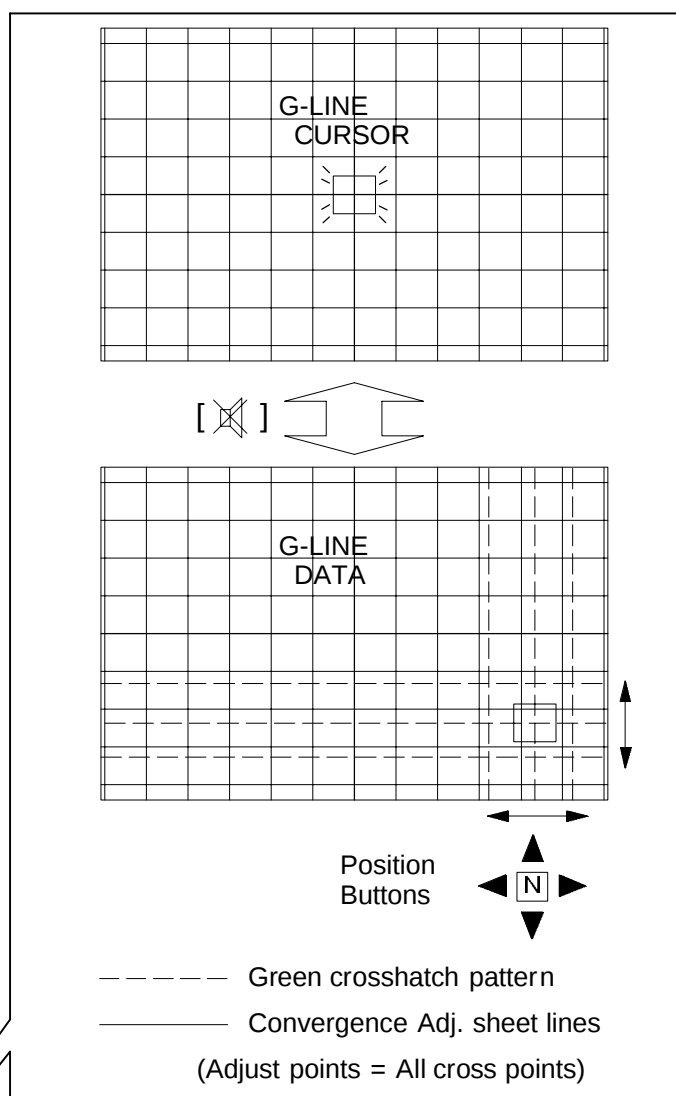
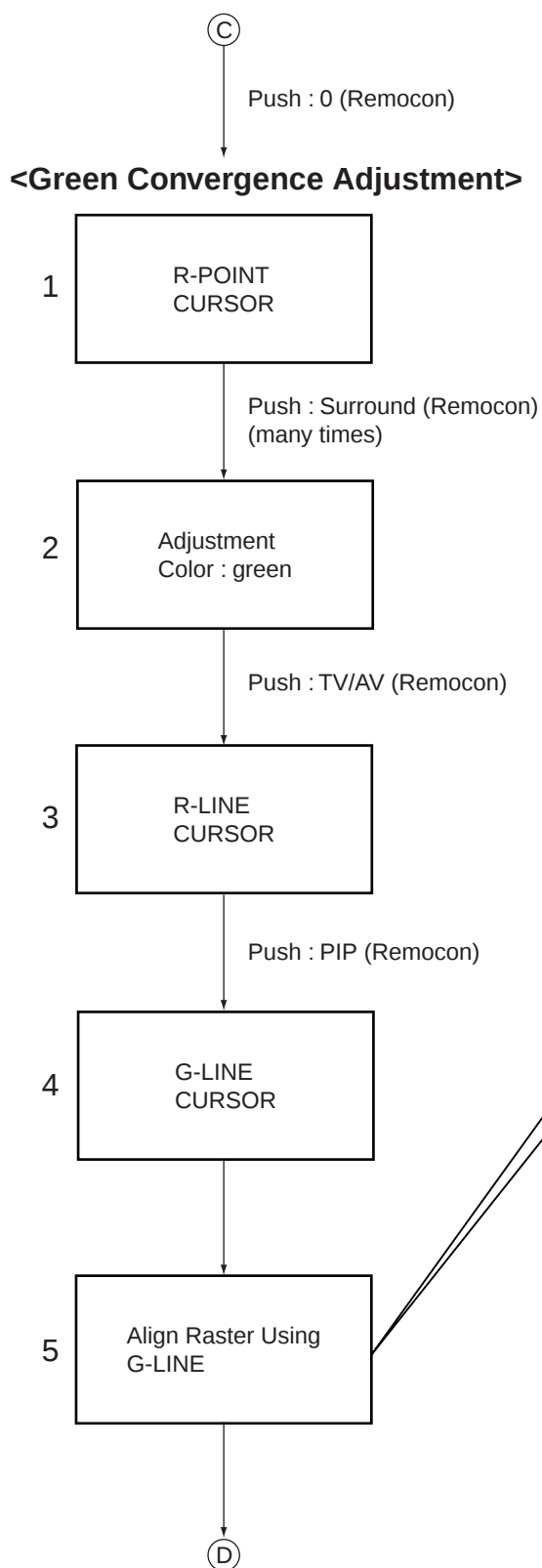
Digital Convergence Adjustment Procedure



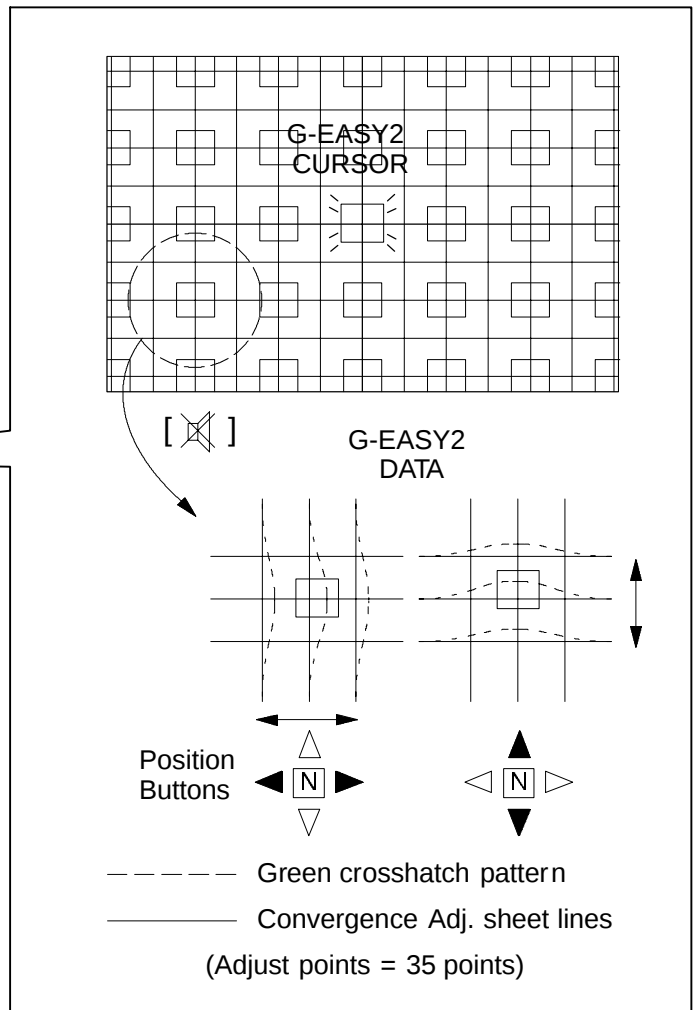
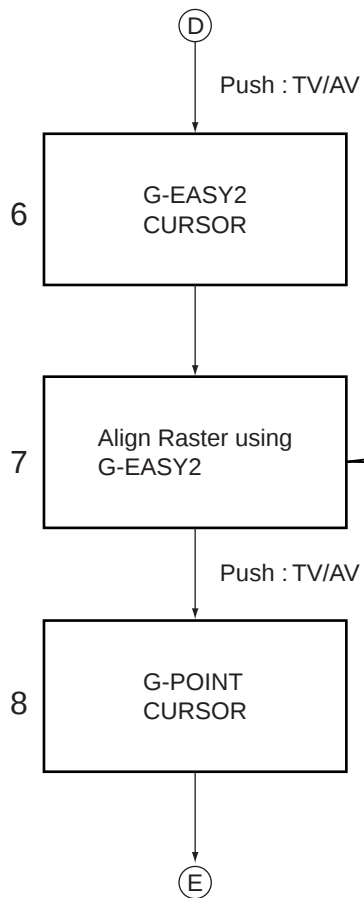


1. Push the "STILL" button to display the monoscope pattern on the screen.
2. Adjust the position buttons so that the cursor in the center of the test pattern is aligned with the center of the monoscope pattern.

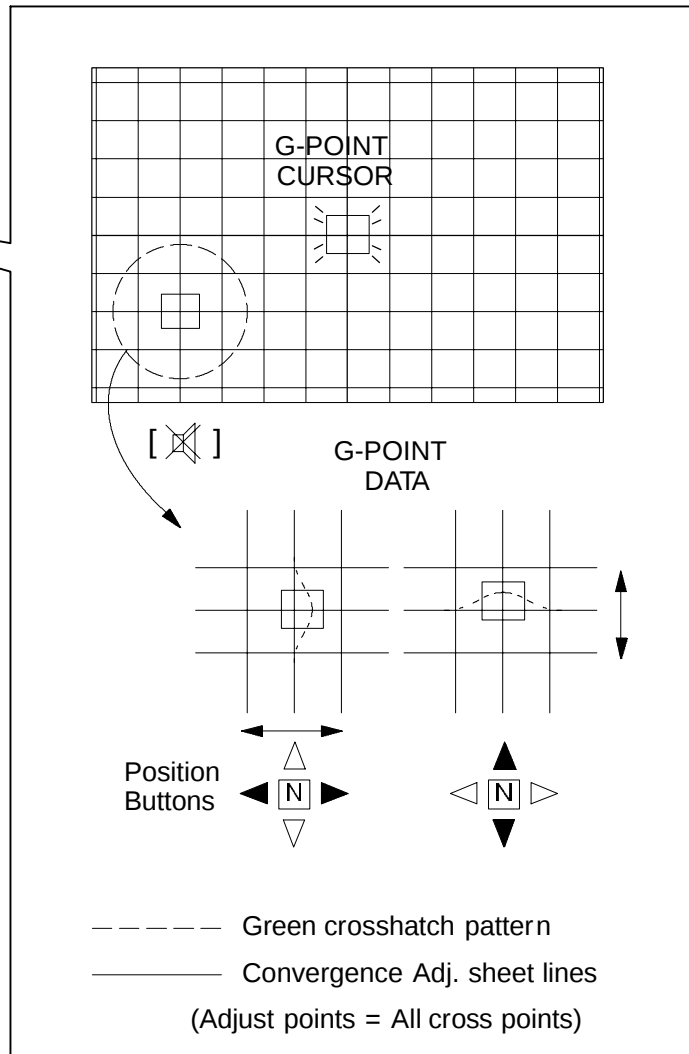
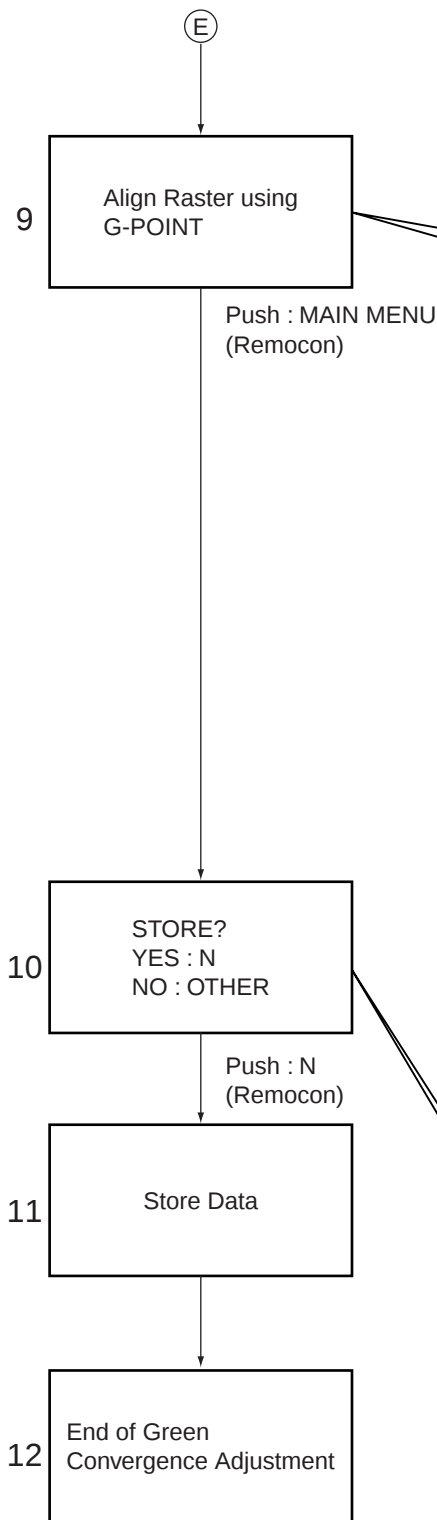




1. Use the Position Buttons to adjust each point (line) so that the Green Crosshatch Pattern is aligned with the vertical and horizontal lines of the Convergence Adjustment Sheet.
2. Push the "SOUND MUTE []" and switch from "G-LINE DATA" to "G-LINE CURSOR".
3. Repeat step 1~3 to adjust the vertical lines (13) and the horizontal lines (9).



1. Use the Position Buttons to move the cursor to the point where you wish to change the data (adjustment point). Then use the "SOUND MUTE []" to change from "G-EASY2 CURSOR" to "G-EASY2 DATA".
2. Use the Position Buttons to adjust each point so that the Green Crosshatch Pattern is aligned with the vertical and horizontal lines of the Convergence Adjustment Sheet.
3. Push the "SOUND MUTE []" and switch from "G-EASY2 DATA" to "G-EASY2 CURSOR".
4. Repeat step 1~2 to adjust the 35 adjustment points.



1. Use the Position Buttons to adjust each point so that the Green Crosshatch Pattern is aligned with the vertical and horizontal lines of the Convergence Adjustment Sheet.
 2. Push the "SOUND MUTE [X]" and switch from "G-POINT DATA" to "G-POINT CURSOR".
 3. Repeat step 1~3 to adjust all of adjustment points.
1. To store the data after the Green Convergence Adjustment has been completed, push the "MAIN MENU" button and then push the "N" button (pushing the "N" button will store the data in the E²PROM).

<Red Convergence Adjustment>

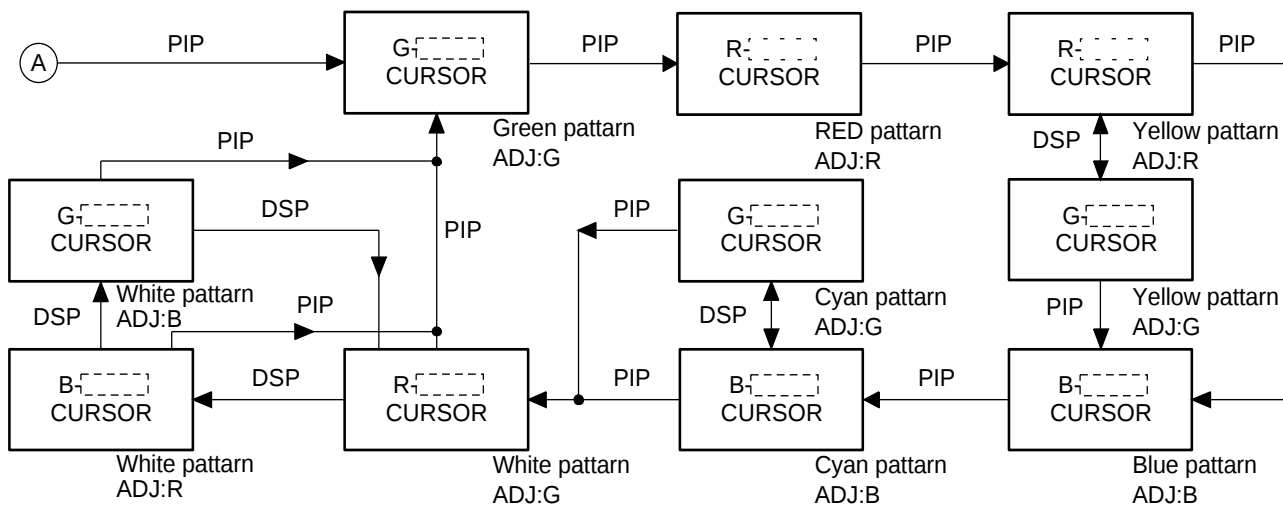
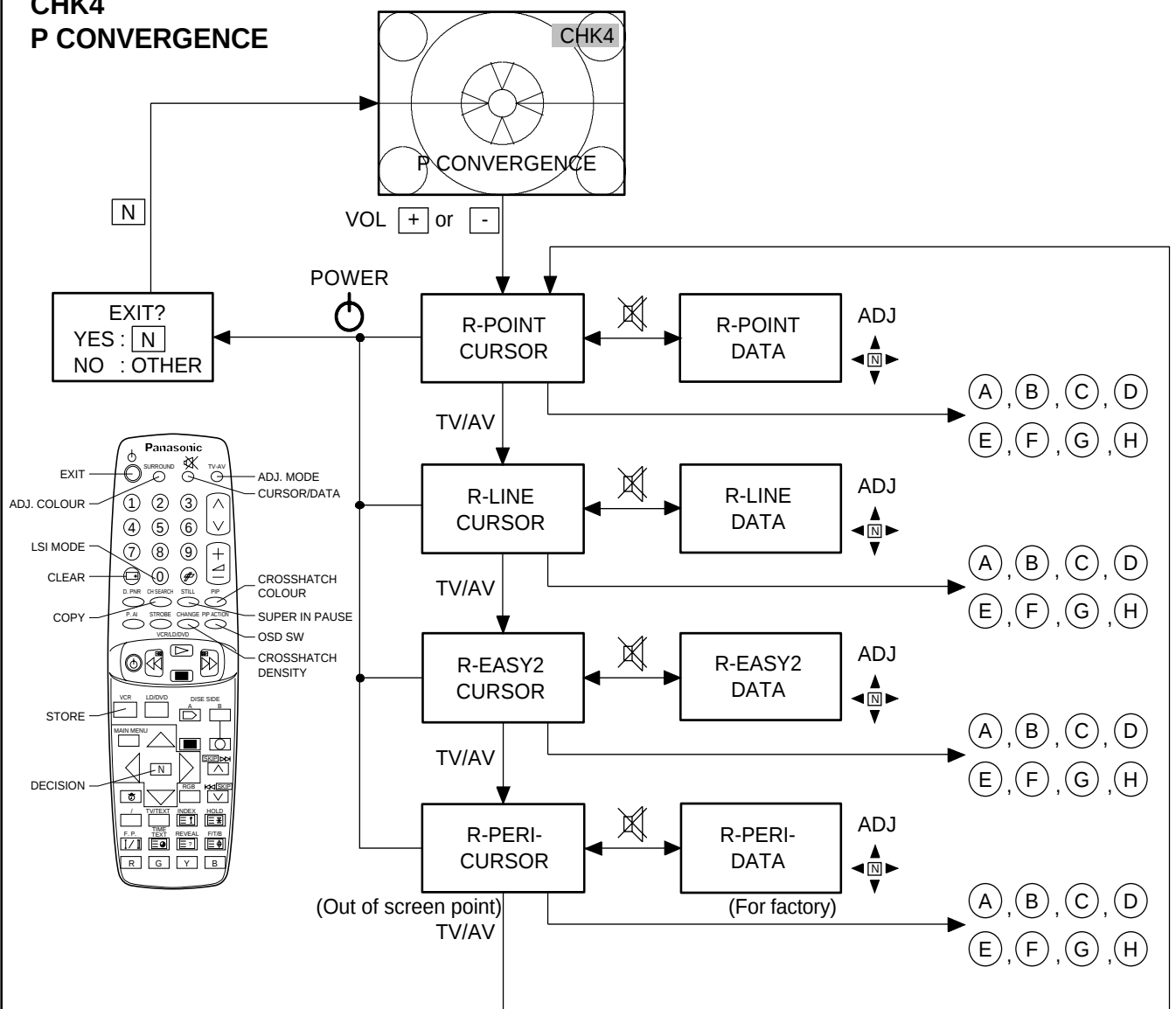
1. Push the "PIP" button twice and change to the Red Adjustment of Red Colour.
2. Repeat the same steps described for the Green Conv. Adj. in 1-12 to perform the Red Convergence Adjustment.
3. To store the data after the Red Convergence Adjustment has been completed, push the "MAIN MENU" button and then push the "N" button.

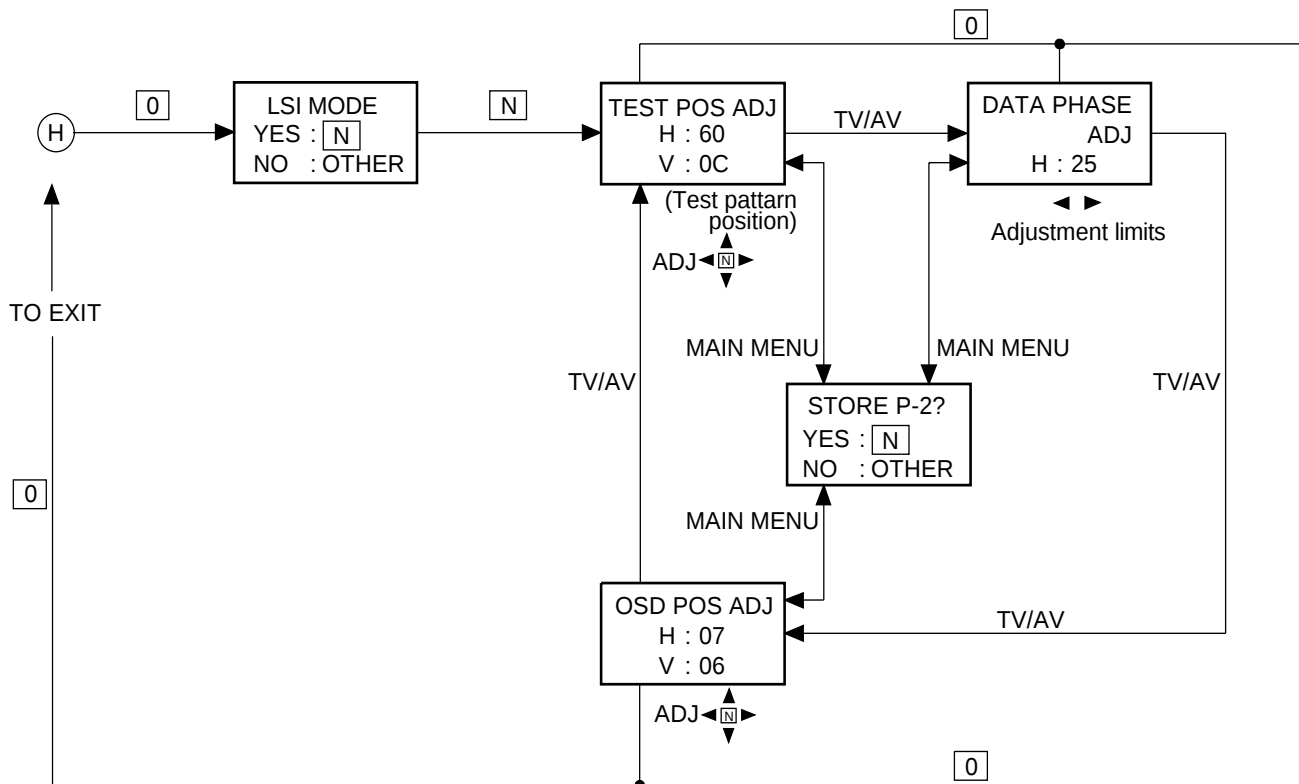
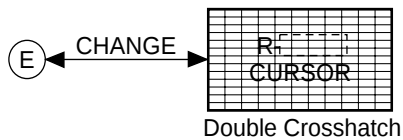
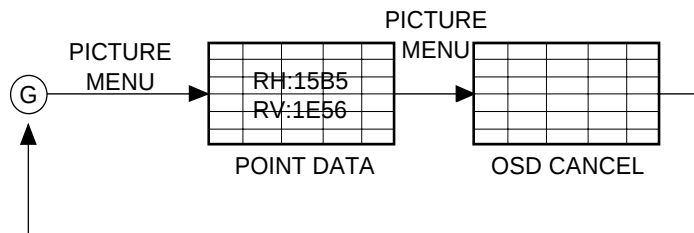
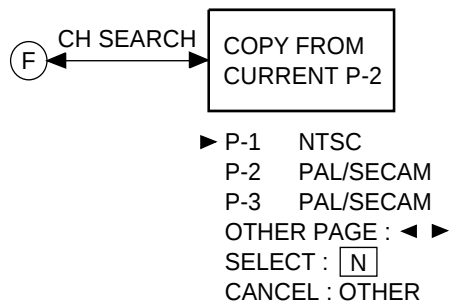
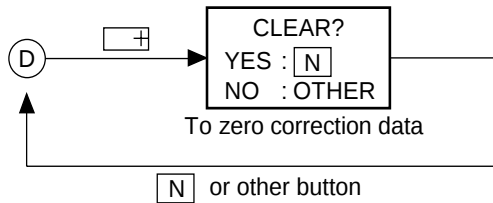
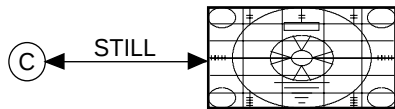
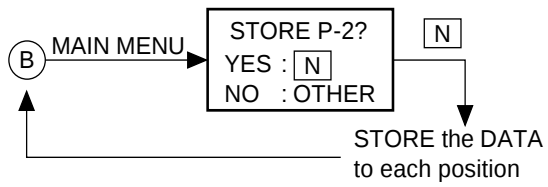
<Blue Convergence Adjustment>

1. Push the "PIP" button twice and change to the Blue Adjustment of Blue Colour.
2. Repeat the same steps described for the Green Conv. Adj. in 1-12 to perform the Blue Convergence Adjustment.
3. To store the data after the Blue Convergence Adjustment has been completed, push the "MAIN MENU" button and then push the "N" button.
4. To switch from the Convergence Adjustment Mode to the Service Mode, press the Power button and then push the "N" button.

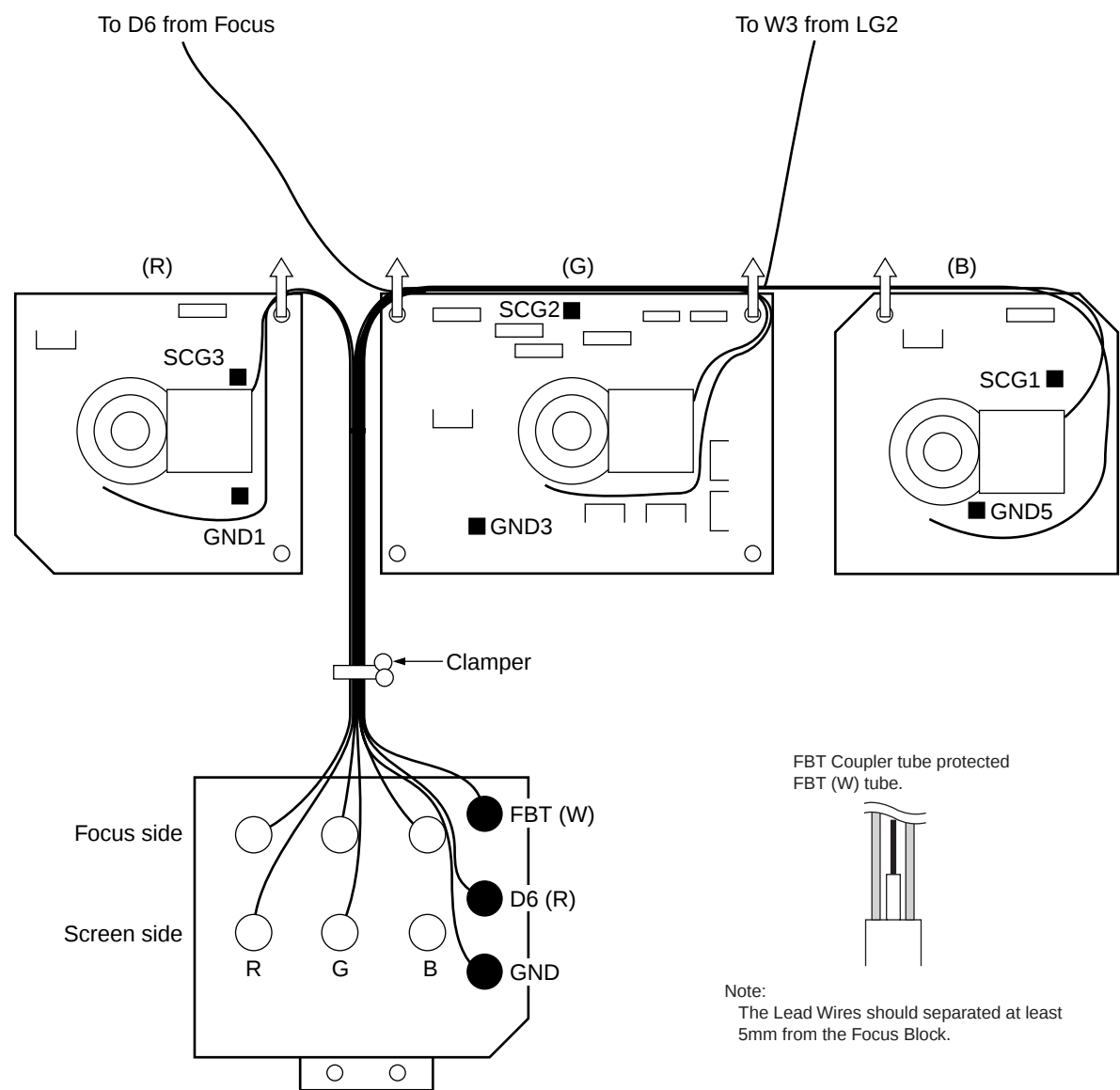
Point Convergence chart

CHK4 P CONVERGENCE



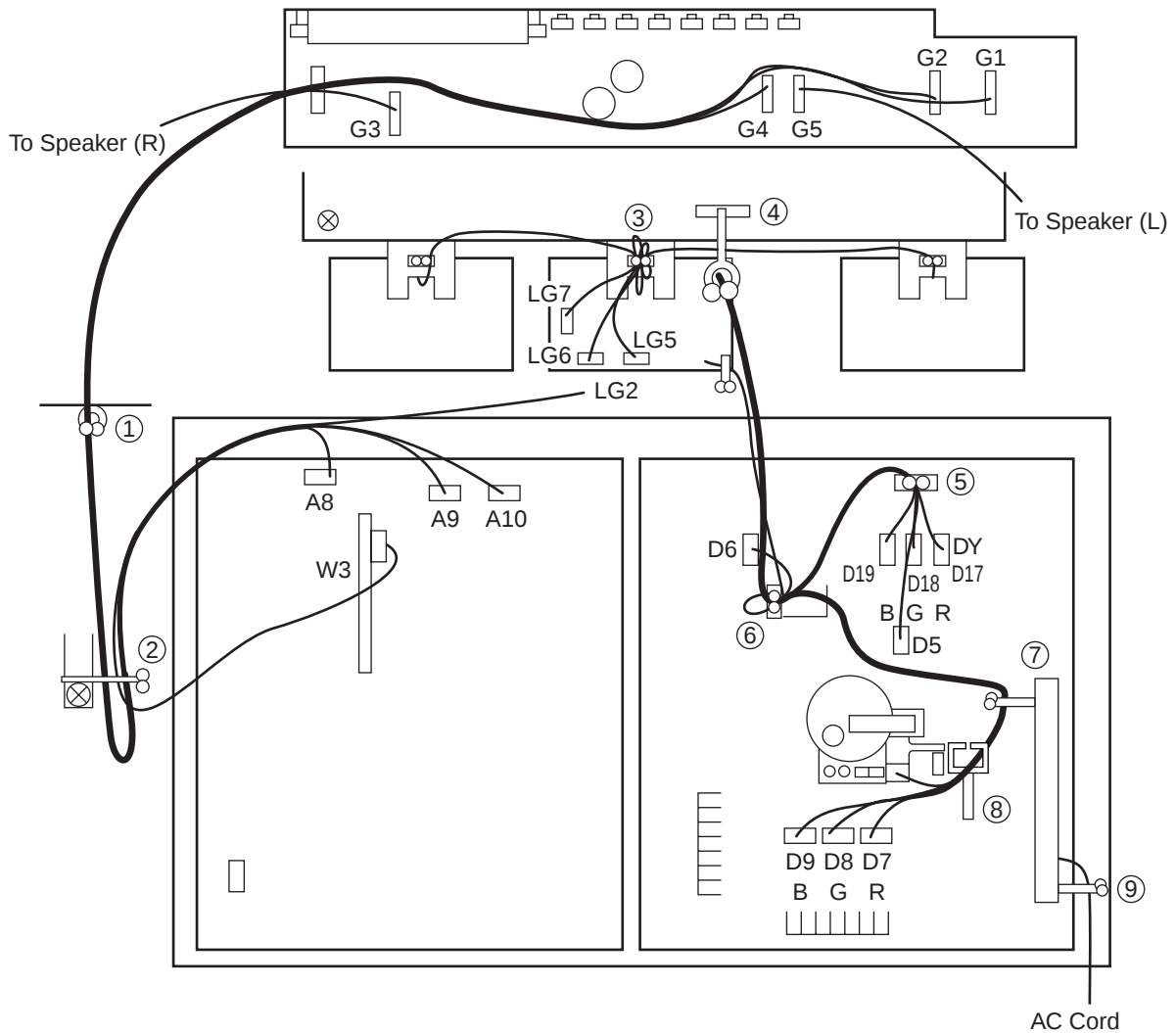


Location of Lead Wiring

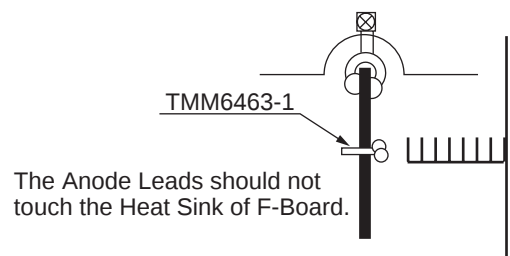


Insert Anode Lead

1. It inserts a Anode Lead in the back to FBT, and turn the locking cap clockwise to lock in place. (Three insertion position are free.)
2. The Anode Leads should separated at least 10mm from the every parts.



Anode Clamp



Connect Connector

LG5, LG6, LG7, A8, A9, A10, W3, DY (D17, D18, D19), CY (D7, D8, D9), AC, SP Connect (R, L)
 FBT (W), GND D6, GND1, GND3, GND5, SCG1, SCG2, SCG3

Clamper Lock

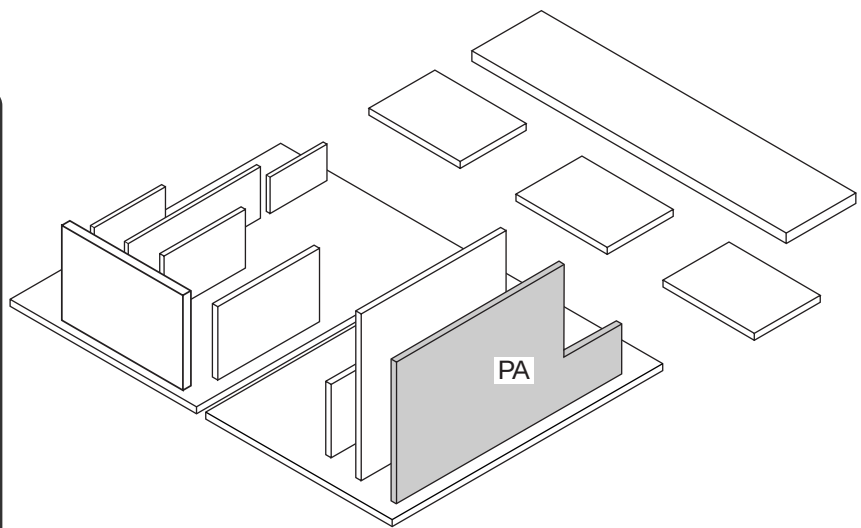
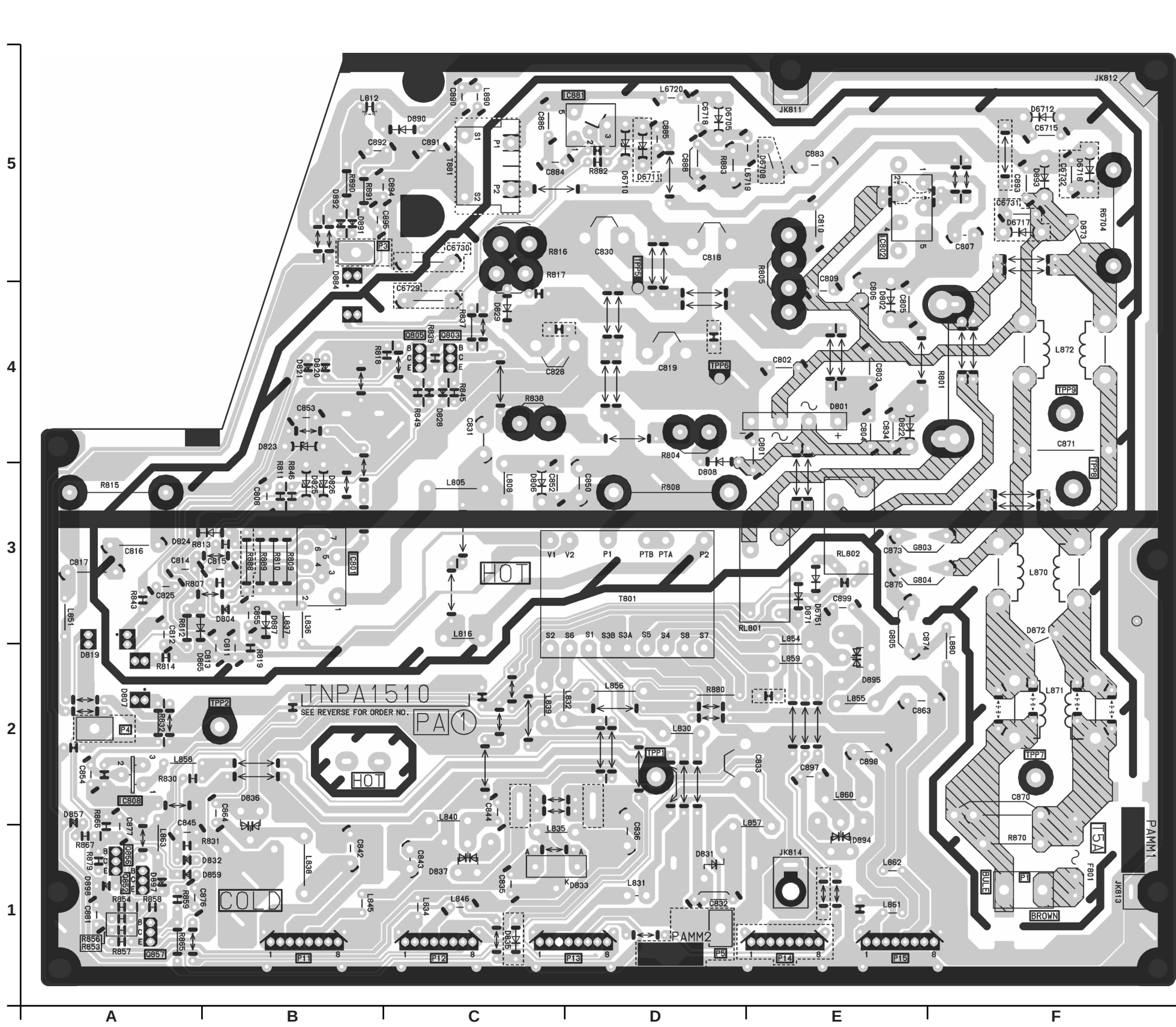
CLAMPER WIRES	①	②	③	④	⑤	⑥	⑦	⑧	⑨						
G2-A8	●	⊙													
G3-A9	●	⊙													
G1-A10	●	⊙													
LG2-W3		●													
VM (R)(B)			●												
VM (G)			△												
DY-R, G, B				●	●	●									
CY-D7, D8, D9				●		●	●	●							
Focus				●		●	●	●							
AC									●						
D6				●		●									
LG1-D5					●	⊙									

⊙ : Wind up second times

△ : Wind up fourth times

Conductor Views

PA-BOARD
TNPA1510 (FOR TX-43/51P15X)

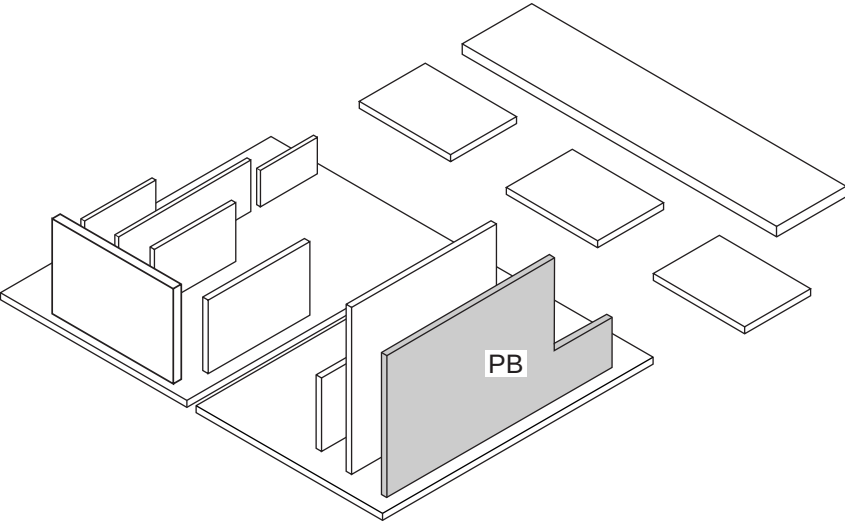
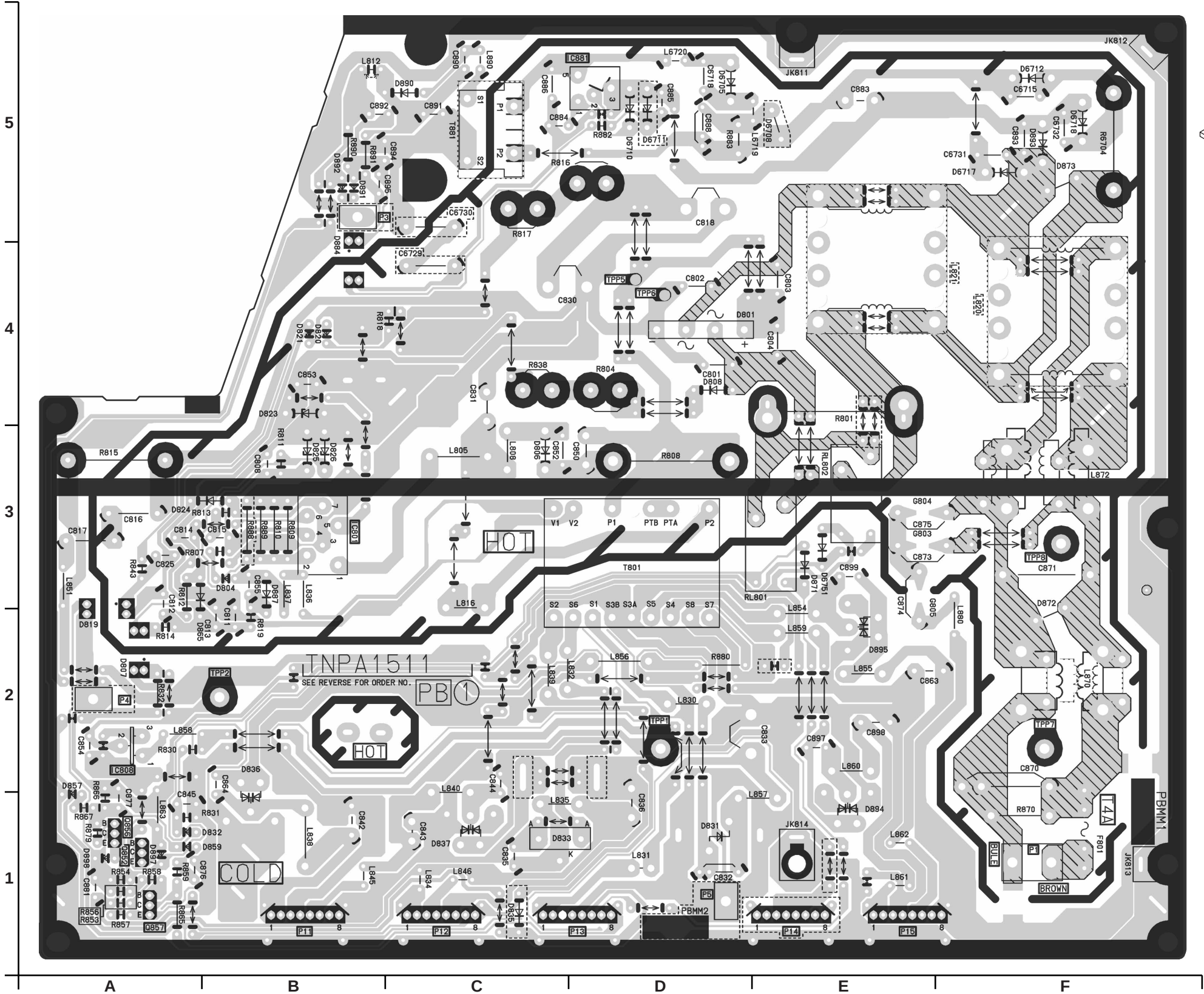


PARTS LOCATION

PA-BOARD			
IC		TP	
IC801	B-3	TPP1	D-2
IC802	E-5	TPP2	B-2
IC808	A-2	TPP5	D-5
IC881	D-5	TPP6	D-4
TRANSISTOR		TPP7	F-2
Q803	C-4	TPP8	F-3
Q805	C-4	TPP9	F-4
Q852	A-1		
Q856	A-1		
Q857	A-1		

ADDRESS INFORMATION

PB-BOARD
TNPA1511 (FOR TX-43/51P15H/HQ/HZ)

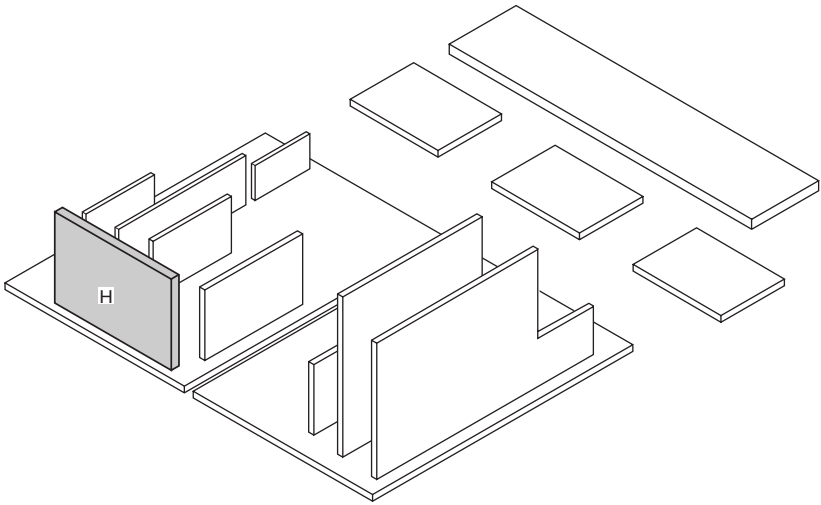
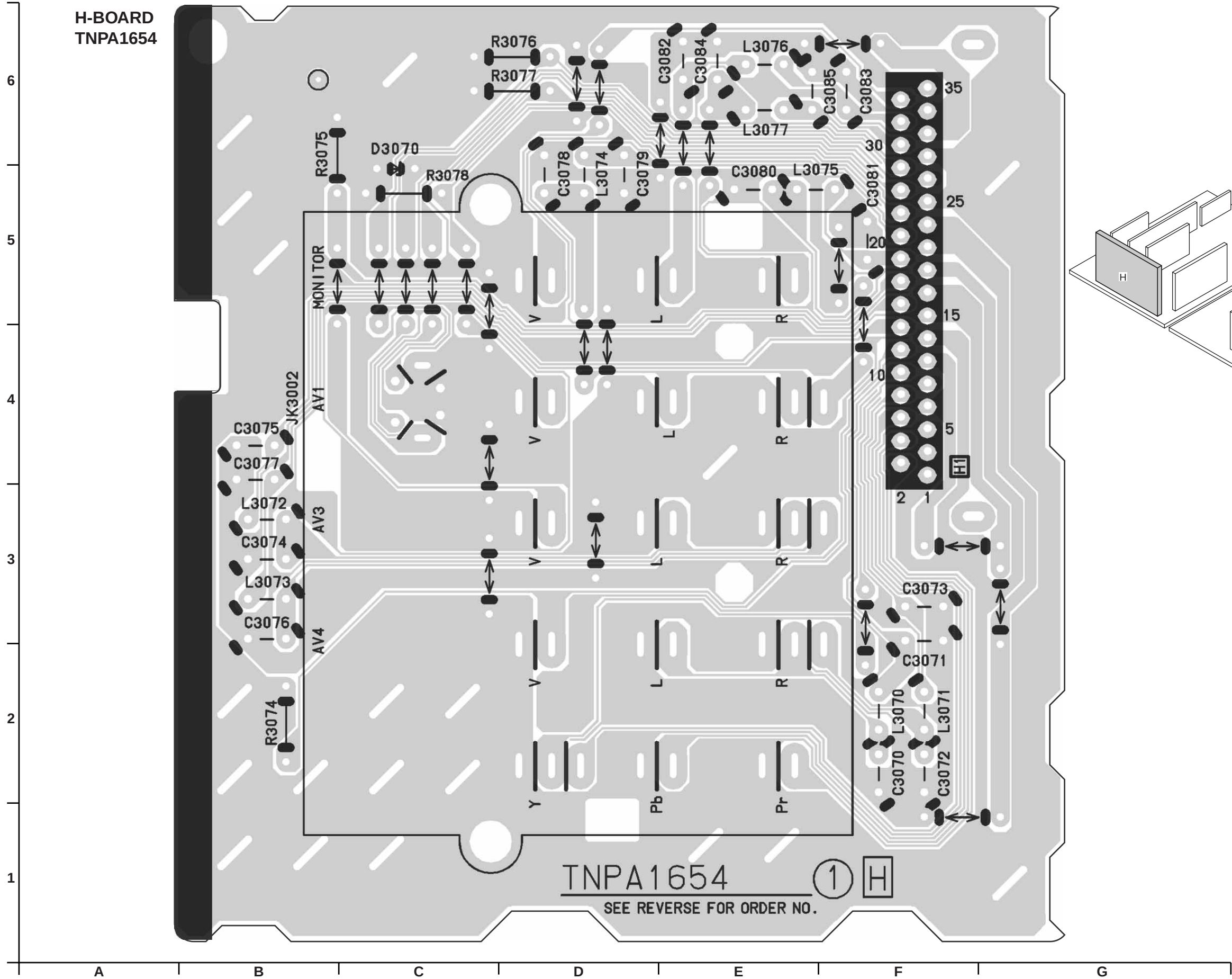


PARTS LOCATION

PA-BOARD			
IC		TP	
IC801	B-3	TPP1	D-2
IC808	A-2	TPP2	B-2
IC881	D-5	TPP5	D-4
TRANSISTOR		TPP6	F-2
Q852	A-1	TPP7	F-3
Q856	A-1	TPP8	
Q857	A-1		

ADDRESS INFORMATION

H-BOARD
TNPA1654



D-BOARD
TNPH0301

6

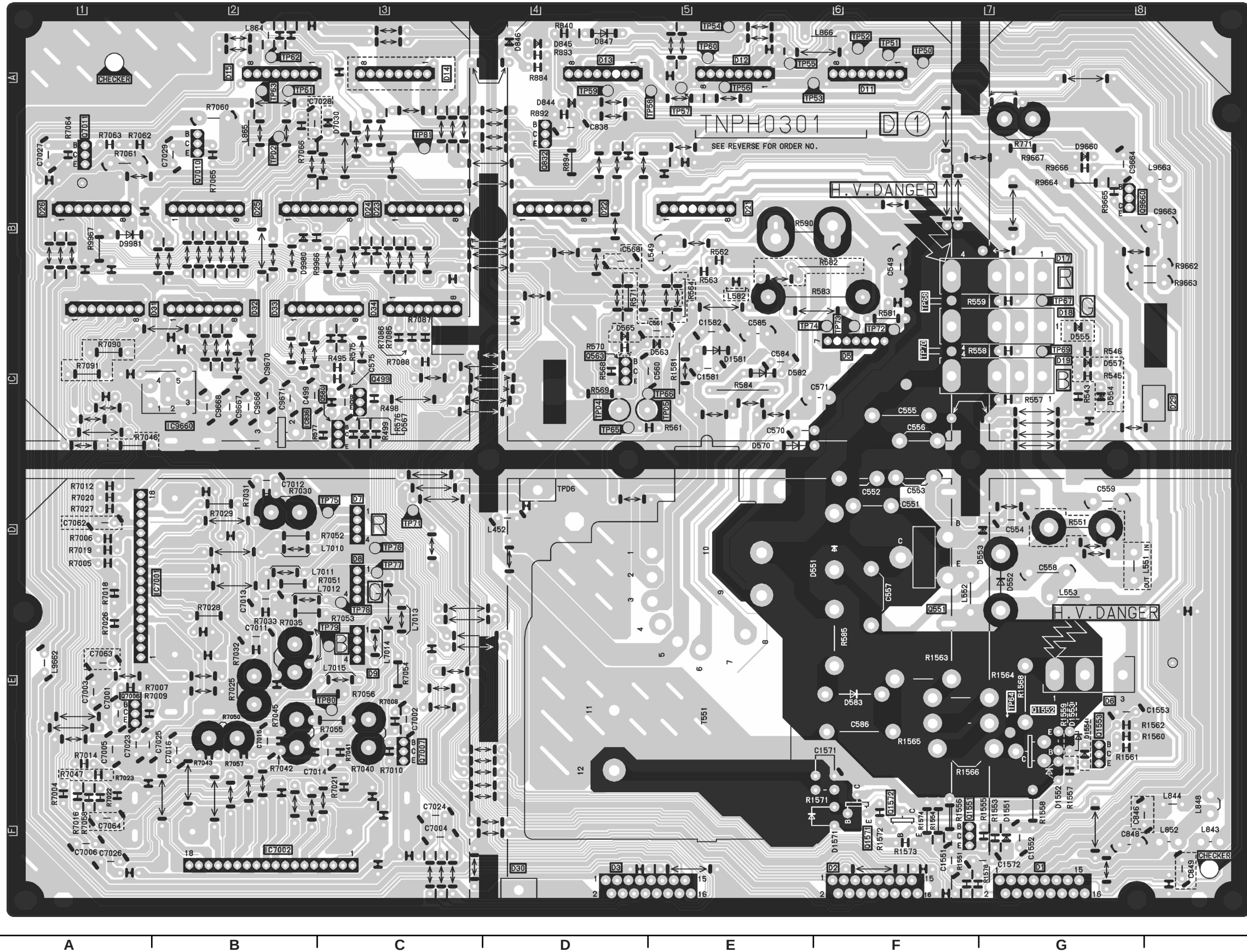
5

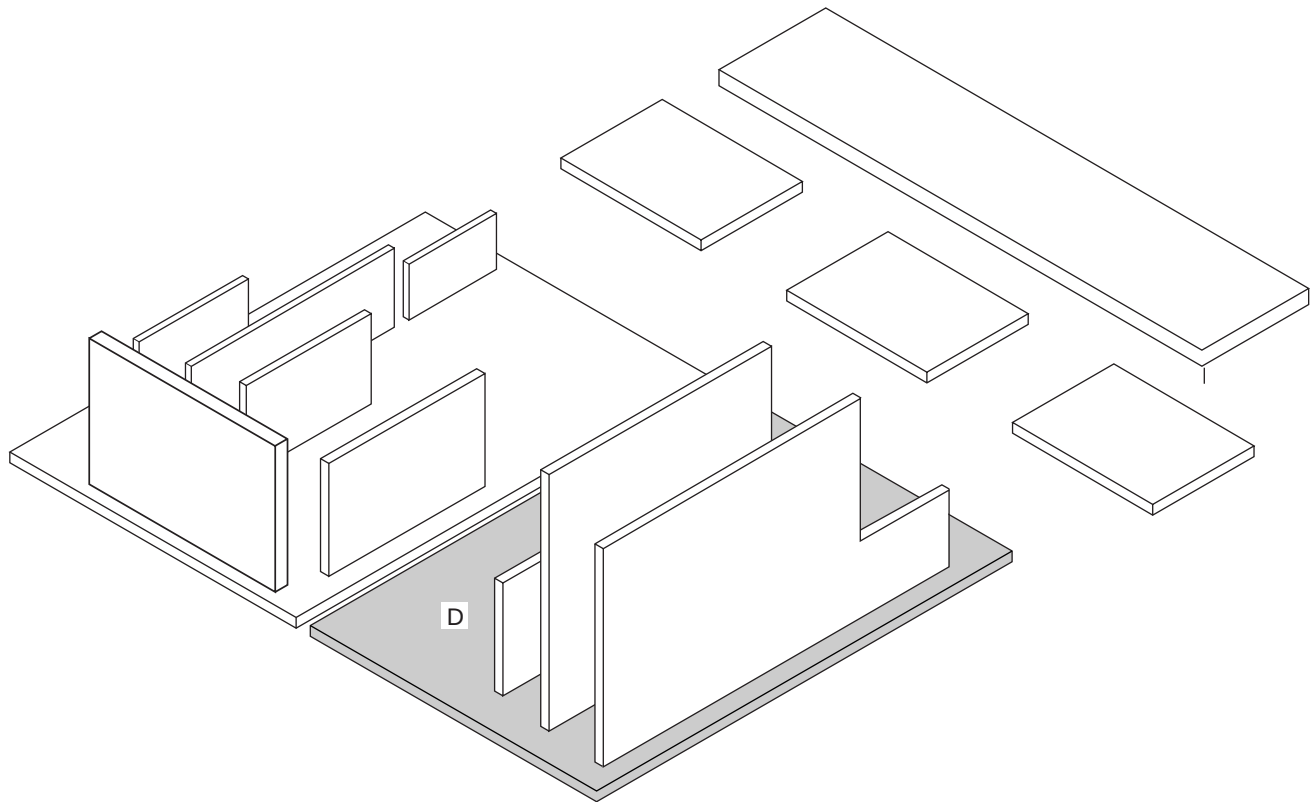
4

3

2

1

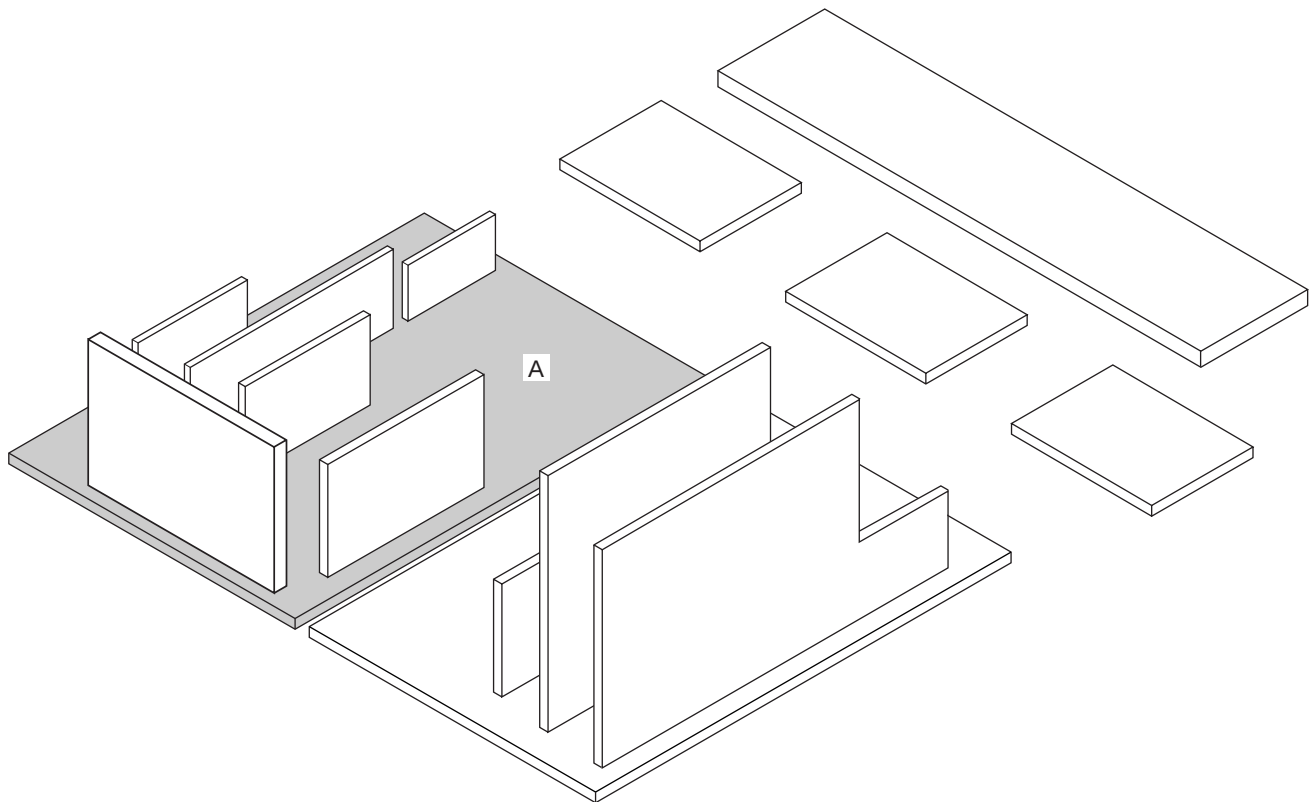




PARTS LOCATION

D-BOARD					
IC		TP			
IC836	B-4	TP50	F-6	TP71	C-3
IC7001	A-3	TP51	F-6	TP72	F-4
IC7002	B-2	TP52	F-6	TP73	F-4
IC9660	B-4	TP53	F-6	TP74	F-4
TRANSISTOR		TP54	E-6	TP75	C-3
Q449	C-4	TP55	E-6	TP76	C-3
Q551	F-3	TP56	E-6	TP77	C-3
Q563	D-4	TP57	E-6	TP78	C-2
Q580	C-4	TP58	E-6	TP79	C-2
Q832	D-5	TP59	D-5	TP80	C-2
Q1551	F-1	TP60	E-6	TP81	C-5
Q1552	G-2	TP61	B-6	TPD2	B-5
Q1553	G-2	TP62	B-6	TPD4	D-4
Q1571	F-1	TP63	B-6	TPD5	E-4
Q1572	F-1	TP64	G-2	TPD6	D-3
Q7006	A-2	TP65	D-4		
Q7007	C-2	TP66	E-4		
Q7010	B-5	TP67	G-4		
Q7011	A-5	TP68	F-4		
Q9660	G-5	TP69	G-4		
		TP70	F-4		

ADDRESS INFORMATION



PARTS LOCATION

A-BOARD									
IC		Q604	C-2	Q2403	D-4	Q5632	G-1	TPA46	H-5
IC10	H-6	Q605	F-1	Q2407	E-4	Q5673	G-1	TPA47	E-1
IC53	A-2	Q606	F-1	Q3001	G-5	TP		TPA49	F-6
IC601	C-2	Q607	E-3	Q3002	G-4	TPA1	C-3	TPA50	F-6
IC602	D-3	Q608	C-3	Q3003	G-5	TPA3	D-5	TPA51	D-6
IC603	C-1	Q609	D-3	Q3005	G-2	TPA5	G-5	TPA52	C-6
IC803	B-2	Q610	F-1	Q3006	G-2	TPA6	C-5	TPA53	C-1
IC804	E-5	Q611	D-1	Q3010	G-4	TPA7	B-5	TPA54	C-2
IC805	B-2	Q612	C-2	Q3311	C-3	TPA8	A-1	TPA55	E-6
IC806	D-2	Q613	D-1	Q3312	C-3	TPA9	B-4	TPA56	E-6
IC807	D-1	Q614	D-3	Q3313	C-3	TPA11	C-4	TPA57	A-1
IC809	B-2	Q615	B-3	Q4107	B-3	TPA12	H-6	TPA58	E-2
IC1105	H-1	Q618	D-3	Q4202	A-3	TPA13	D-2	TPA60	B-6
IC1211	D-5	Q619	D-3	Q5501	G-2	TPA14	C-5	TPA61	F-4
IC1212	E-4	Q683	C-2	Q5502	D-3	TPA15	G-5	TPA62	F-4
IC1213	D-4	Q1205	C-5	Q5503	E-1	TPA17	C-5	TPA63	F-4
IC1214	C-4	Q1206	C-5	Q5504	E-1	TPA18	B-6	TPA64	G-3
IC1215	B-4	Q1207	B-5	Q5505	F-2	TPA19	C-5	TPA65	D-4
IC2001	F-6	Q1215	F-3	Q5511	G-2	TPA20	E-6	TPA66	B-4
IC2002	E-5	Q1216	F-3	Q5515	F-2	TPA21	A-5	TPA67	B-4
IC2251	A-4	Q1217	F-3	Q5516	F-2	TPA22	A-5	TPA68	A-3
IC2301	B-5	Q1220	C-3	Q5517	G-3	TPA24	C-5	TPA69	D-5
IC2401	E-4	Q1221	C-3	Q5518	E-3	TPA25	C-5	TPA70	G-1
IC3001	G-4	Q1222	C-3	Q5519	E-3	TPA26	B-4	TPA71	D-1
IC5501	F-2	Q1271	C-1	Q5520	G-3	TPA28	C-4	TPA72	D-2
IC5502	E-2	Q1272	C-3	Q5521	G-2	TPA29	E-4	TPA74	C-1
TRANSISTOR		Q1901	A-4	Q5522	G-2	TPA30	B-4	TPA75	A-4
Q1	F-5	Q2003	F-5	Q5529	E-3	TPA31	C-2	TPA76	A-4
Q2	G-6	Q2004	F-6	Q5530	E-2	TPA32	D-5	TPA77	E-5
Q3	H-6	Q2301	C-5	Q5536	F-3	TPA33	D-5	TPA79	F-5
Q51	C-6	Q2302	C-6	Q5537	G-2	TPA36	A-5	TPA80	D-4
Q401	G-1	Q2303	B-5	Q5538	F-1	TPA37	A-6	TPA85	D-4
Q402	G-1	Q2304	B-6	Q5539	G-2	TPA38	F-1	TPA88	E-3
Q421	D-1	Q2305	B-6	Q5540	E-2	TPA39	F-1	TPA90	C-3
Q422	B-1	Q2306	B-5	Q5541	F-2	TPA40	C-4	TPA91	D-4
Q423	B-1	Q2307	B-5	Q5542	E-2	TPA41	C-4	TPA92	C-3
Q424	C-1	Q2308	A-4	Q5543	F-2	TPA42	C-4	TPA93	F-4
Q452	E-1	Q2309	B-6	Q5545	G-2	TPA44	D-6	TPA94	A-5
		Q2401	E-4	Q5550	G-2	TPA45	D-3		
		Q2402	D-4	Q5551	G-2				

ADDRESS INFORMATION

A-BOARD
TNPH0300

6

5

4

3

2

1

A

B

C

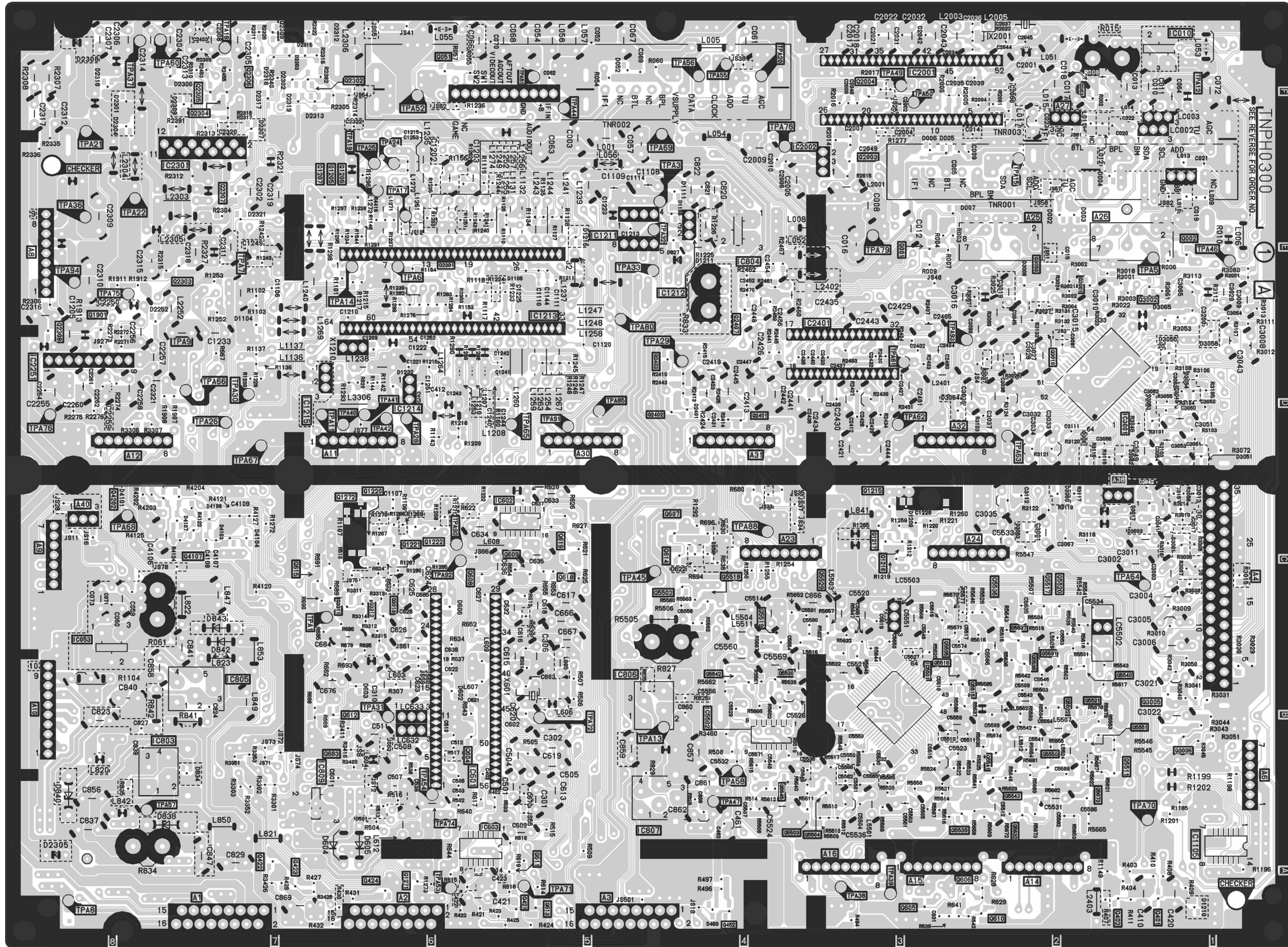
D

E

F

G

H



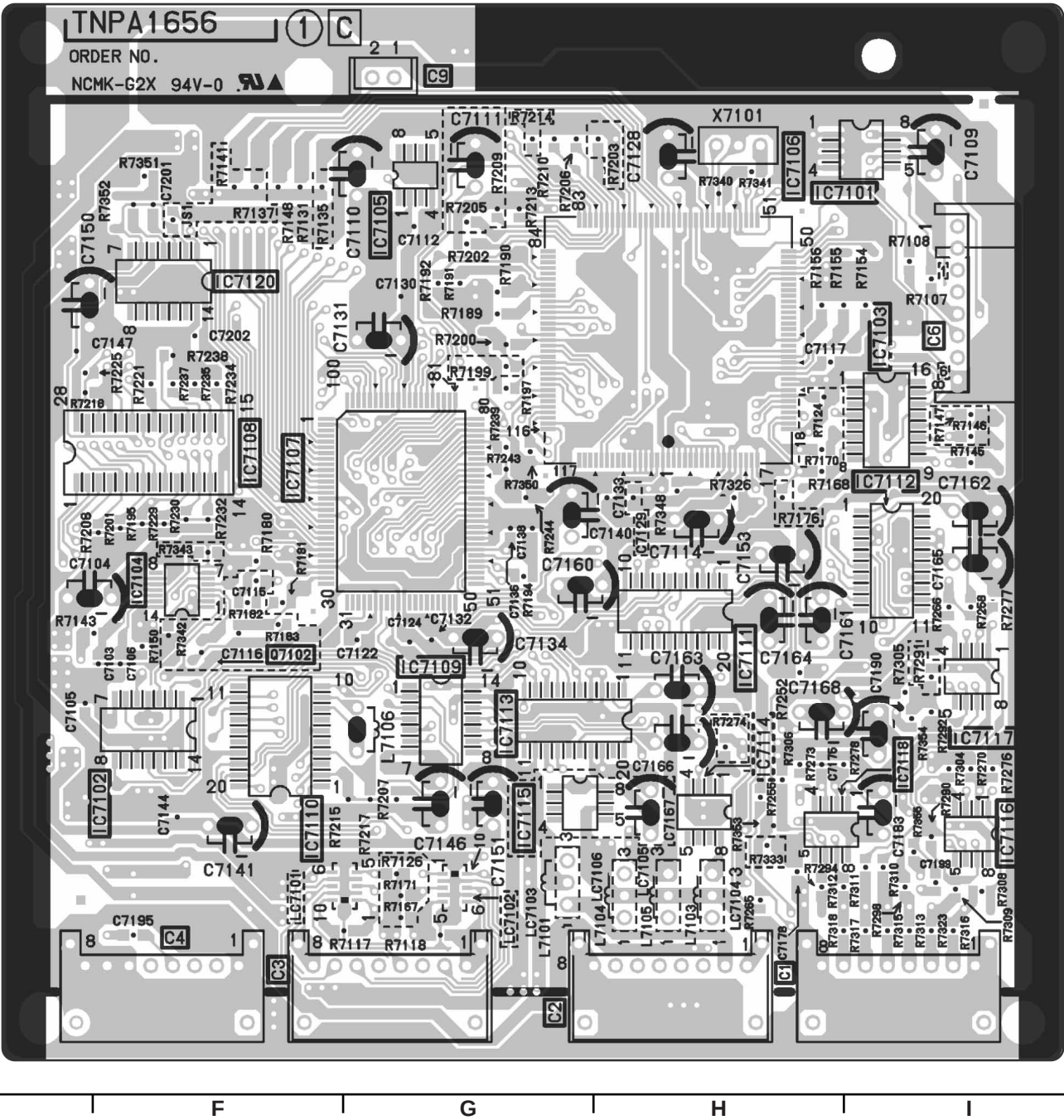
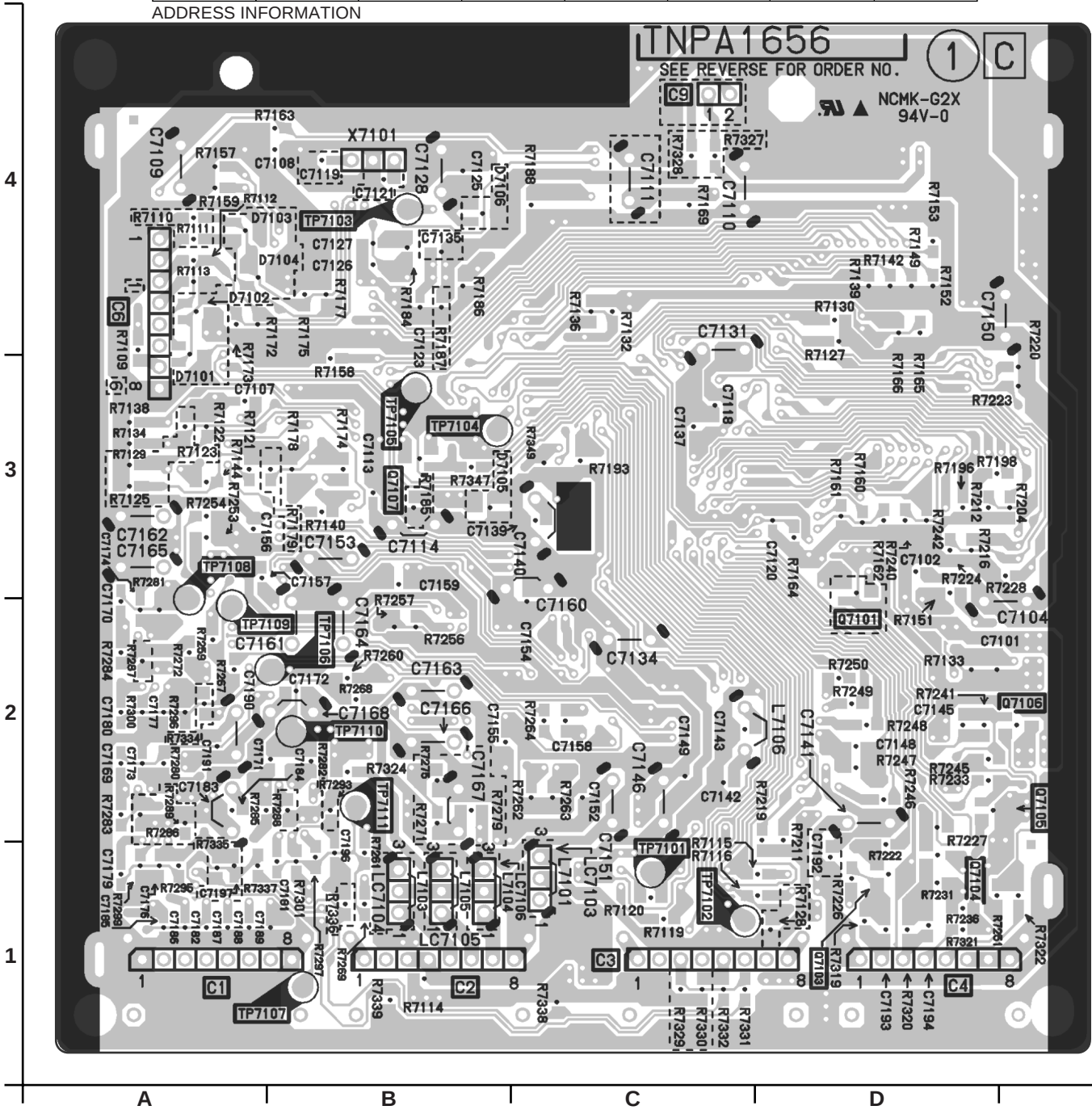
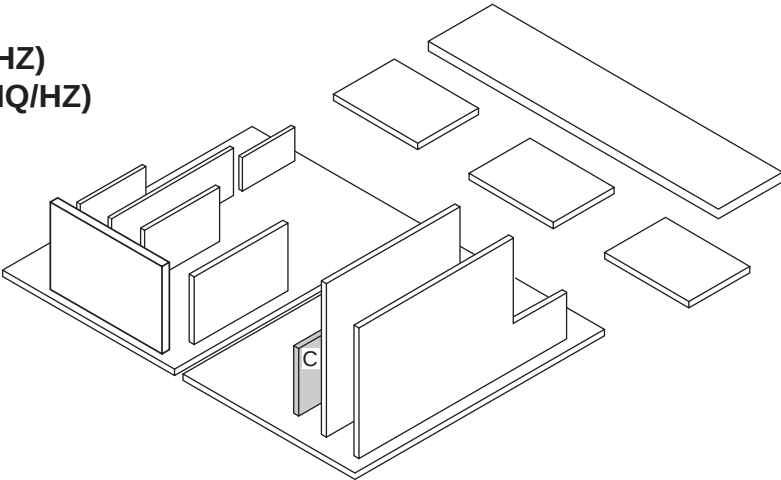
C-BOARD (FOIL SIDE)
TNPA1656 (FOR TX-51P15X/H/HQ/HZ)
TNPA1656AB (FOR TX-43P15X/H/HQ/HZ)

PARTS LOCATION

C-BOARD							
IC		I-3		TRANSISTOR		TP	
IC7101	I-4	IC7112	G-2	Q7101	D-2	TP7101	C-1
IC7102	F-2	IC7113	H-2	Q7102	F-2	TP7102	C-1
IC7103	I-3	IC7114	G-2	Q7103	D-1	TP7103	B-4
IC7104	F-3	IC7115	I-2	Q7104	D-1	TP7104	B-3
IC7105	G-4	IC7116	I-2	Q7105	E-2	TP7105	B-3
IC7106	H-4	IC7117	I-2	Q7106	E-2	TP7106	B-2
IC7107	F-3	IC7118	I-2	Q7107	B-3	TP7107	B-1
IC7108	F-3	IC7120	F-4			TP7108	A-3
IC7109	G-2					TP7109	A-2
IC7110	F-2					TP7110	B-2
IC7111	H-2					TP7111	B-2

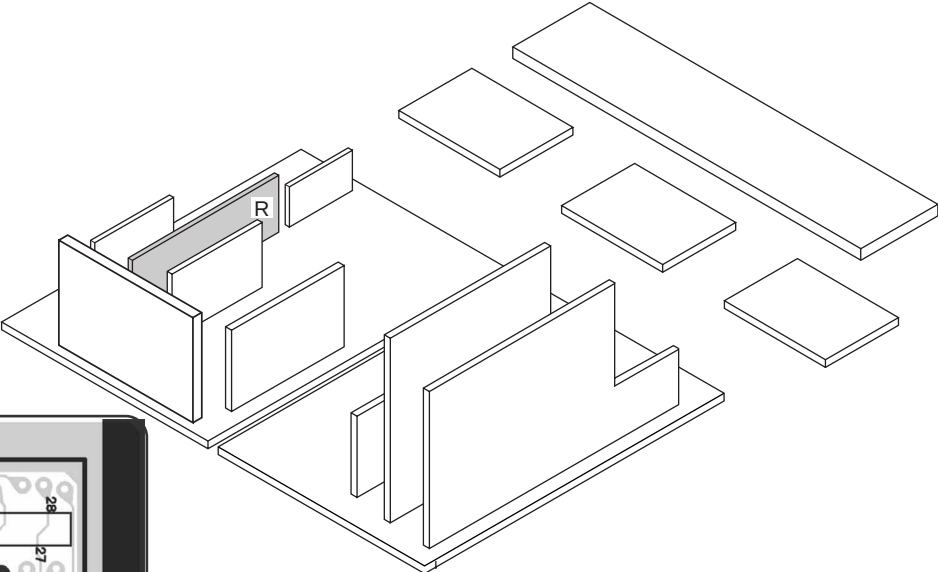
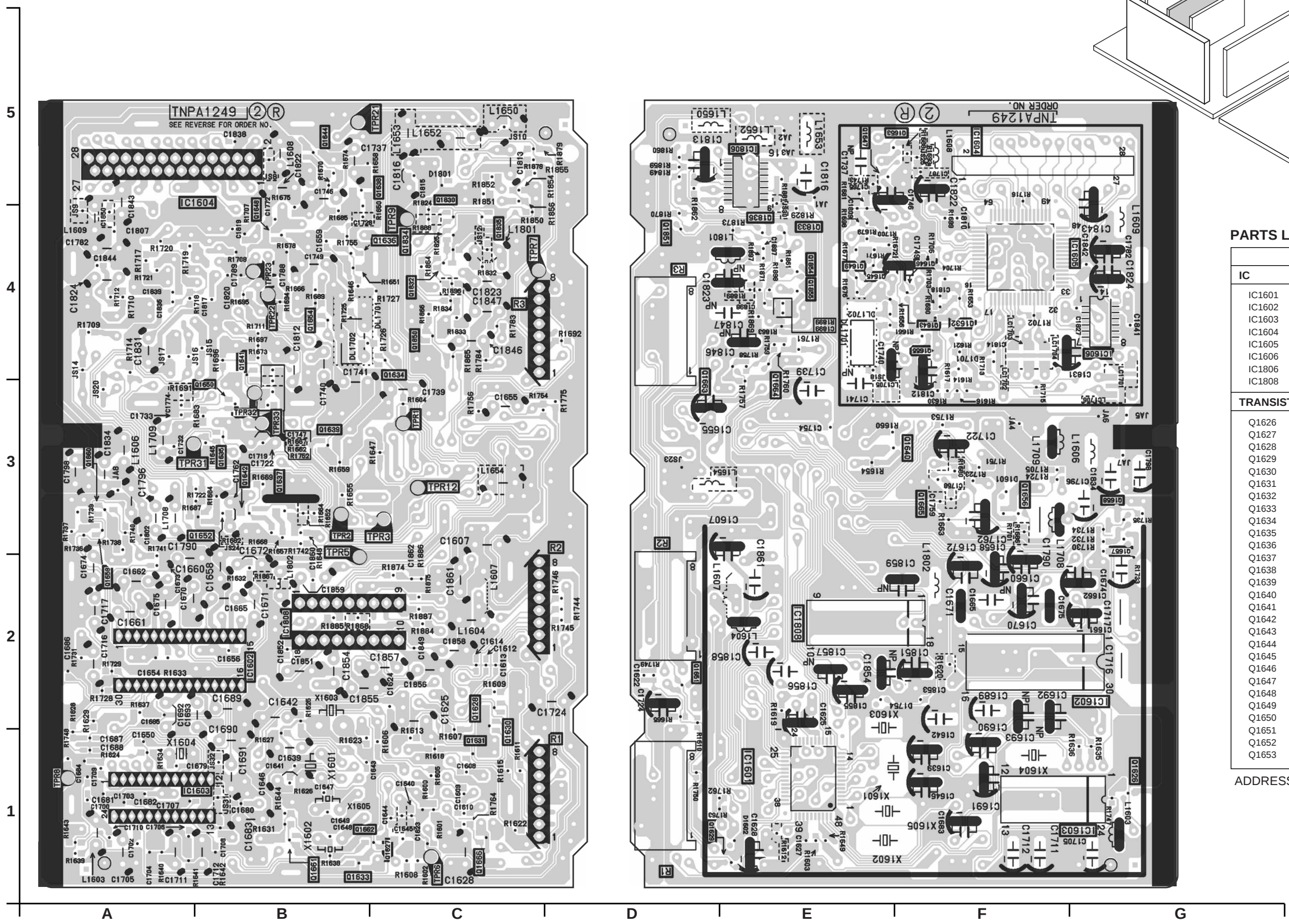
ADDRESS INFORMATION

C-BOARD (COMPONENT SIDE)
TNPA1656 (FOR TX-51P15X/H/HQ/HZ)
TNPA1656AB (FOR TX-43P15X/H/HQ/HZ)



R-BOARD
TNPA1249AC (FOIL SIDE)

R-BOARD
TNPA1249AC (COMPONENT SIDE)



PARTS LOCATION

R-BOARD			
IC		Q1654	B-4
IC1601	E-1	Q1655	F-4
IC1602	B-2	Q1656	F-3
IC1603	A-1	Q1657	G-3
IC1604	F-5	Q1658	G-3
IC1605	F-5	Q1659	A-2
IC1606	G-4	Q1660	A-3
IC1806	E-5	Q1661	B-1
IC1808	B-2	Q1662	B-1
		Q1663	D-4
TRANSISTOR		Q1664	E-4
Q1626	B-3	Q1665	F-3
Q1627	C-1	Q1666	C-1
Q1628	C-2	Q1830	C-5
Q1629	D-1	Q1832	C-4
Q1630	C-1	Q1833	E-4
Q1631	C-1	Q1834	C-4
Q1632	F-4	Q1835	C-4
Q1633	B-1	Q1836	E-4
Q1634	C-4	Q1850	C-4
Q1635	B-3	Q1851	D-4
Q1636	C-4	Q1854	E-4
Q1637	C-3	Q1855	E-4
Q1638	C-5	TP	
Q1639	B-3	TPR1	C-3
Q1640	F-3	TPR2	B-3
Q1641	B-4	TPR3	C-3
Q1642	C-3	TPR5	B-3
Q1643	F-4	TPR6	C-1
Q1644	B-5	TPR7	C-4
Q1645	E-4	TPR8	A-1
Q1646	F-4	TPR9	C-4
Q1647	E-5	TPR12	C-3
Q1648	B-4	TPR21	B-5
Q1649	E-4	TPR22	B-4
Q1650	B-3	TPR23	B-4
Q1651	D-2	TPR31	A-3
Q1652	A-3	TPR32	B-3
Q1653	F-4	TPR33	B-3

ADDRESS INFORMATION

W-BOARD
TNPA1537

PARTS LOCATION

W-BOARD			
IC		TP	
IC3301	D-2	TP11	D-1
IC4102	C-1	TP12	D-1
TRANSISTOR		TP13	D-1
		TP14	C-1
Q951	A-2	TP15	D-2
Q952	A-2	TP16	D-1
Q953	B-3	TP17	A-1
Q958	A-1	TP18	D-2
Q959	A-2	TP19	C-1
Q960	A-2	TP20	C-2
Q961	A-2	TP22	B-2
Q962	A-2	TP23	B-2
Q4108	E-1	TP24	B-2
Q4109	C-2	TP47R	D-2
Q4110	C-2	TP47B	D-2
Q4111	C-2	TP47G	D-2
Q4131	E-2	TPW1	D-3
Q4132	E-3	TPW2	E-1
Q4141	C-3	TPW6	A-3
Q4142	D-3	TPW7	A-3
Q4151	C-2	TPW31	E-3
Q4152	B-3	TPW33	C-3
Q4154	B-3	TPW35	B-3
Q4155	B-2	TPW36	B-3
Q4156	B-2	TPW37	B-3
Q4157	B-2		
Q4158	C-2		
Q4251	E-1		

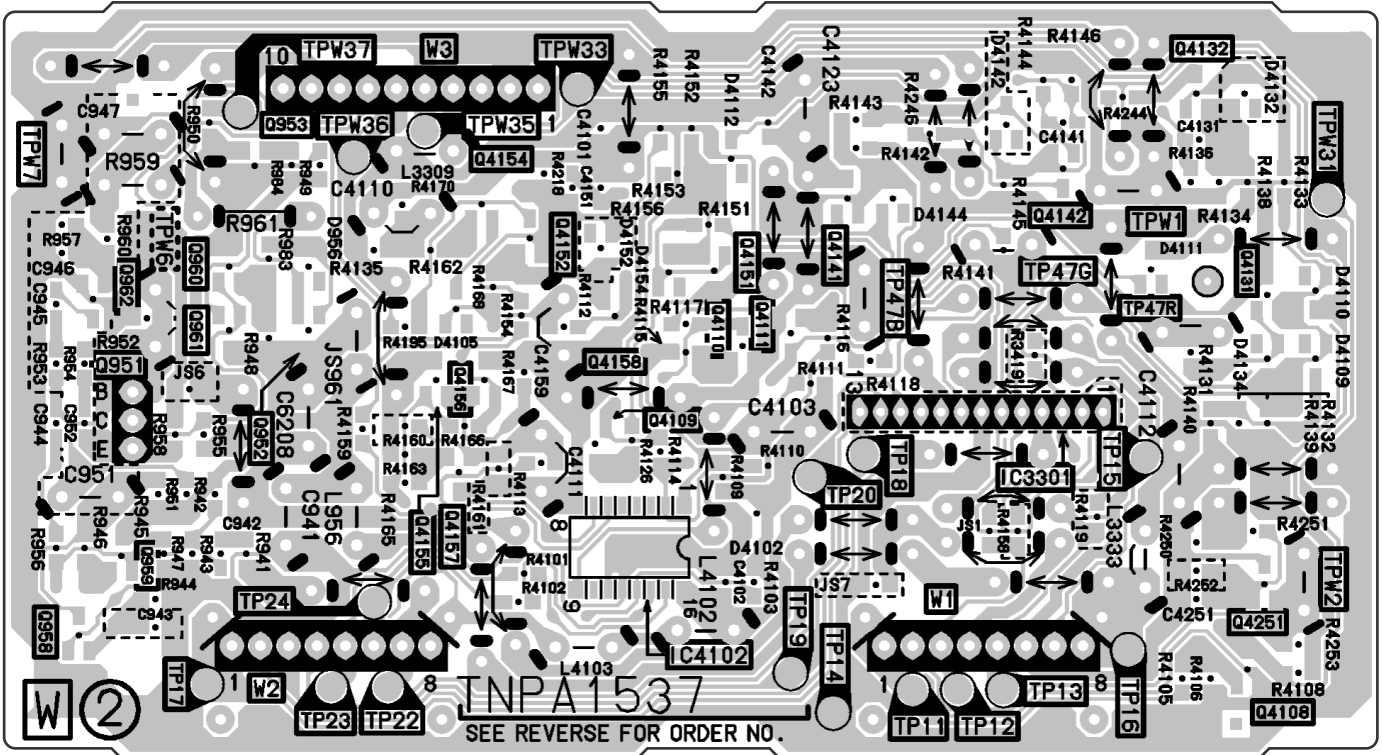
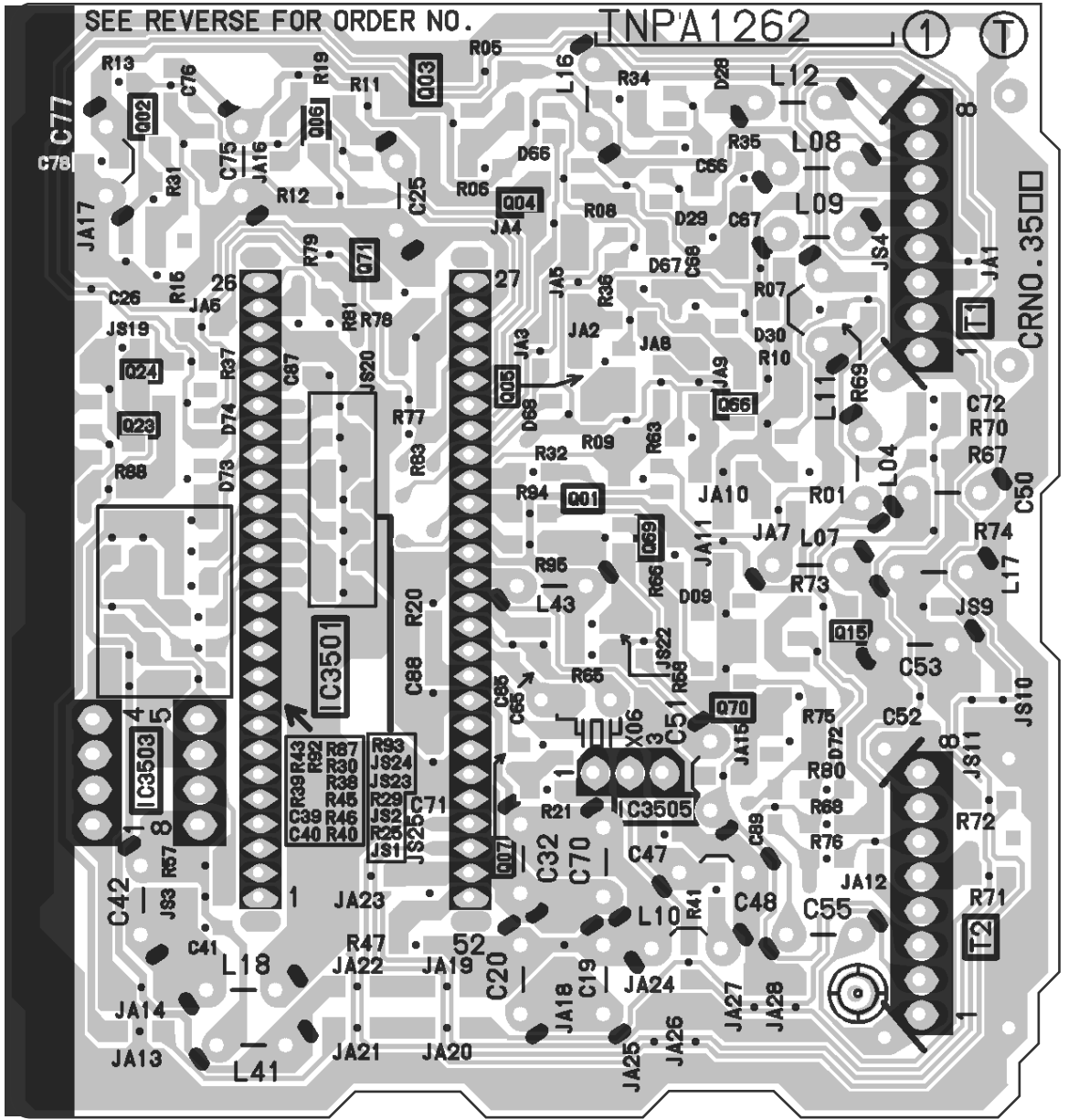
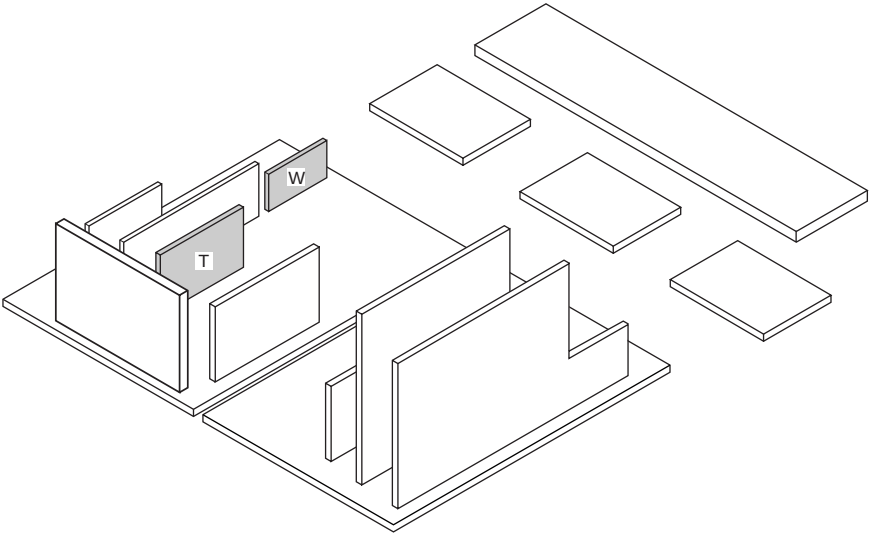
ADDRESS INFORMATION

PARTS LOCATION

T-BOARD	
IC	
IC3501	G-2
IC3503	F-2
TRANSISTOR	
Q3501	H-3
Q3502	F-4
Q3503	G-4
Q3504	H-4
Q3505	H-3
Q3506	G-4
Q3507	H-2
Q3515	I-2
Q3523	F-3
Q3524	F-3
Q3566	H-3
Q3569	H-3
Q3570	H-2
Q3571	G-4

ADDRESS INFORMATION

T-BOARD
TNPA1262AE



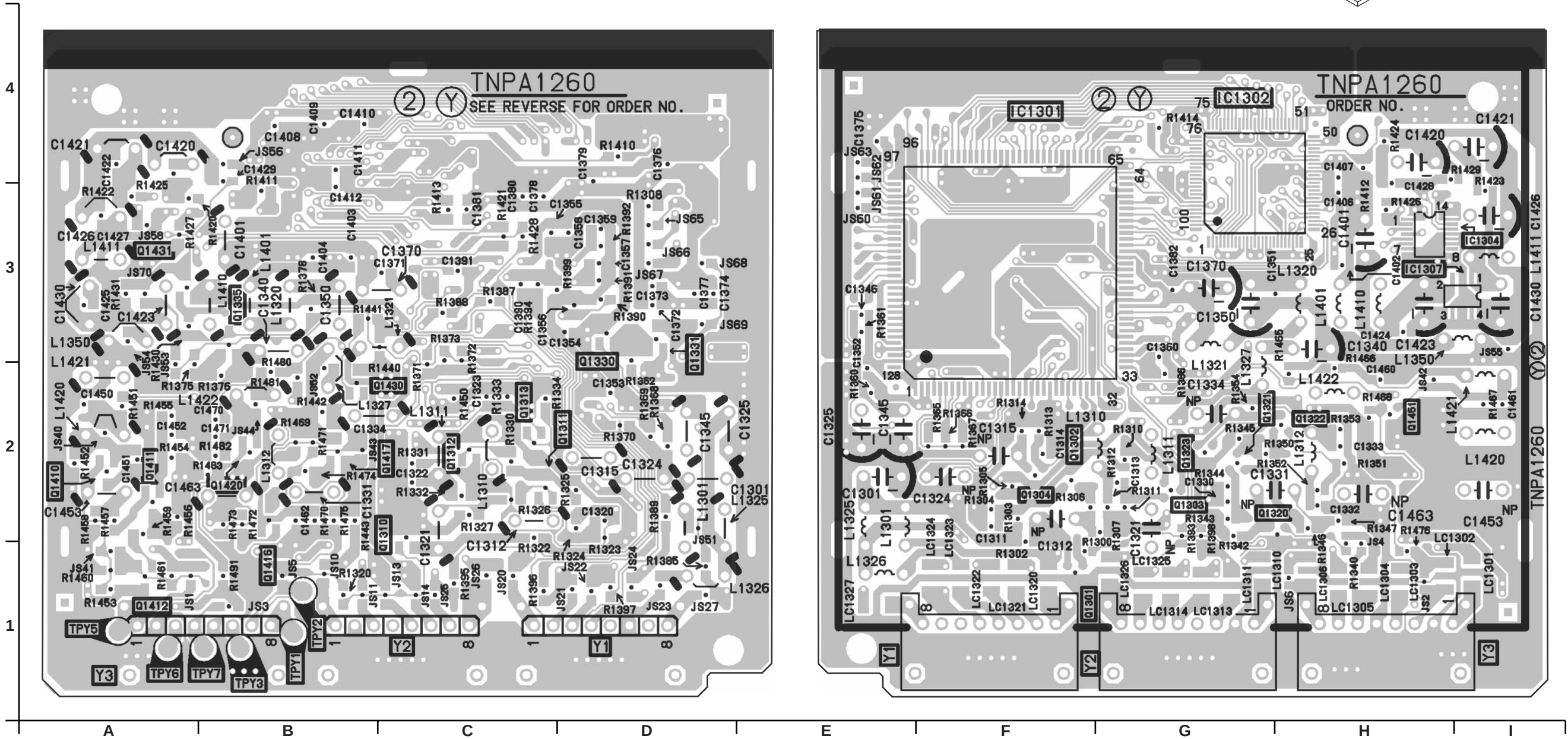
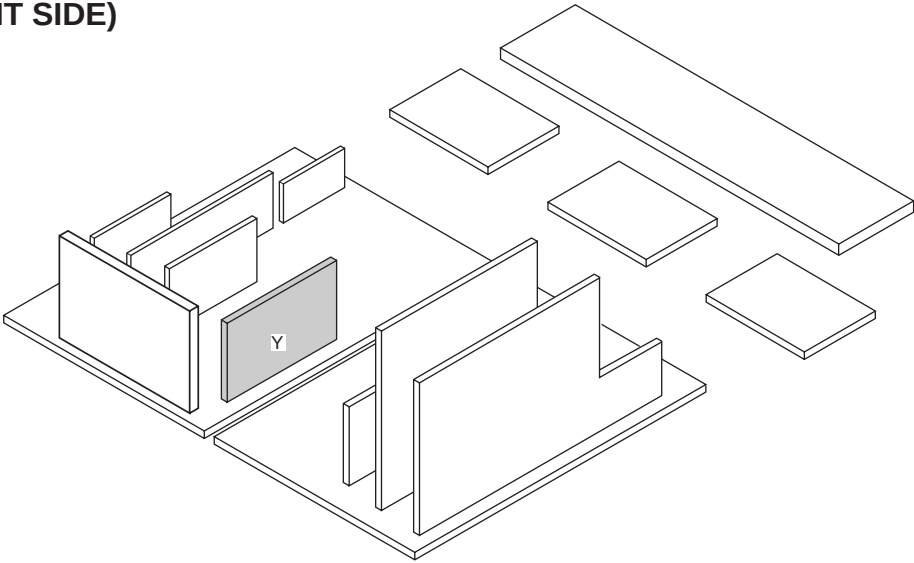
Y-BOARD
TNPA1260AB (FOIL SIDE)

PARTS LOCATION

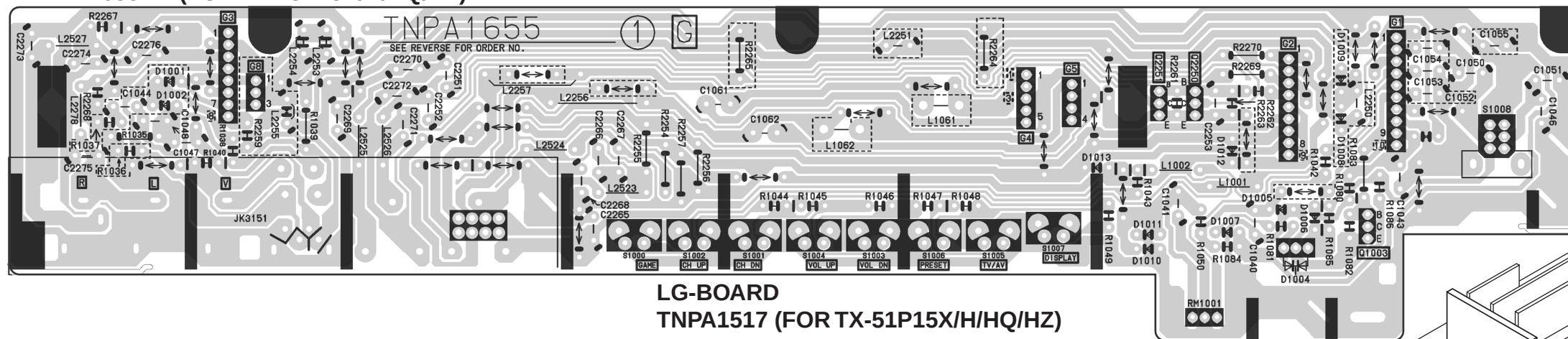
Y-BOARD							
IC		TRANSISTOR		G-2		TP	
IC1301	F-4	Q1301	F-1	Q1323	G-2	TPY1	B-1
IC1302	G-4	Q1302	F-2	Q1330	D-2	TPY2	B-1
IC1304	H-3	Q1303	G-2	Q1331	D-3	TPY3	B-1
IC1307	H-3	Q1304	F-2	Q1335	B-3	TPY5	A-1
		Q1310	C-2	Q1410	A-2	TPY6	A-1
		Q1311	D-2	Q1411	A-2	TPY7	B-1
		Q1312	C-2	Q1412	A-1		
		Q1313	C-2	Q1416	B-1		
		Q1320	G-2	Q1417	C-2		
		Q1321	G-2	Q1420	B-2		
		Q1322	H-2	Q1430	C-2		
				Q1431	A-3		
				Q1451	H-2		

ADDRESS INFORMATION

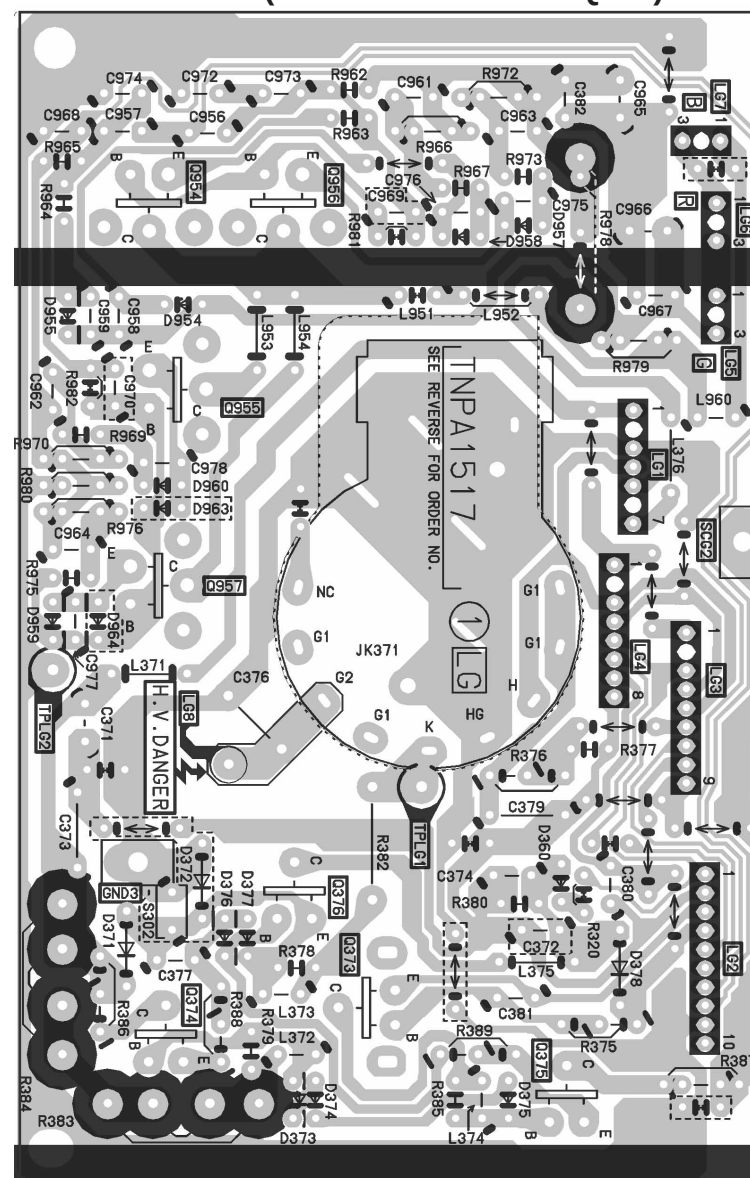
Y-BOARD
TNPA1260AB (COMPONENT SIDE)



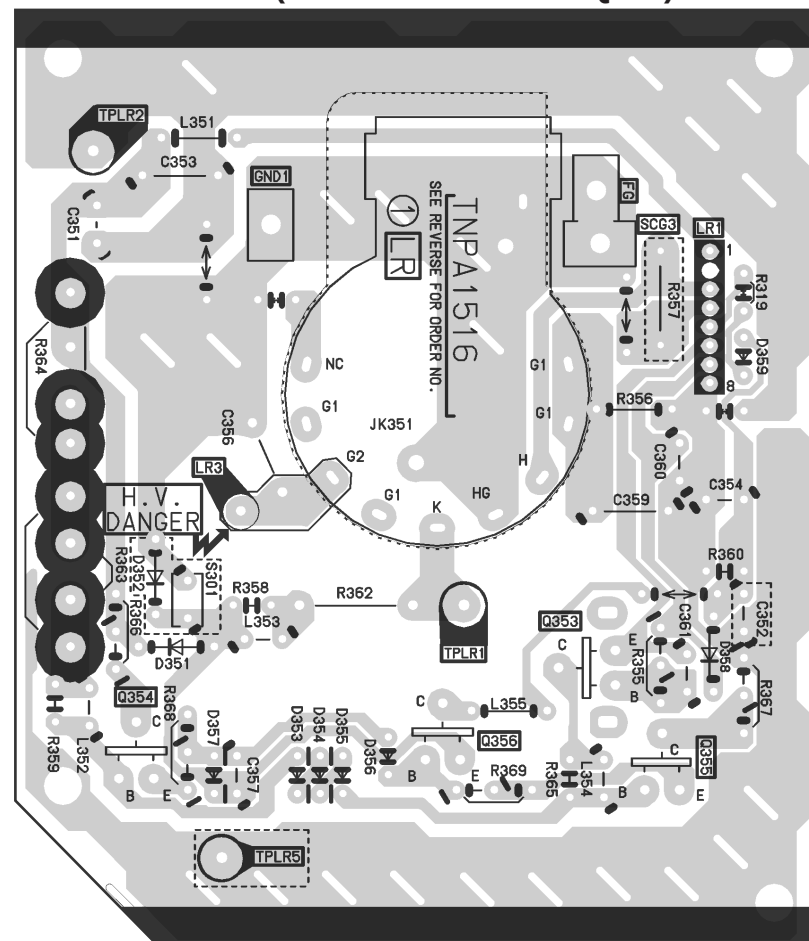
G-BOARD
TNPA1655 (FOR TX-51P15X/H/HQ/HZ)
TNPA1655AB (FOR TX-43P15X/H/HQ/HZ)



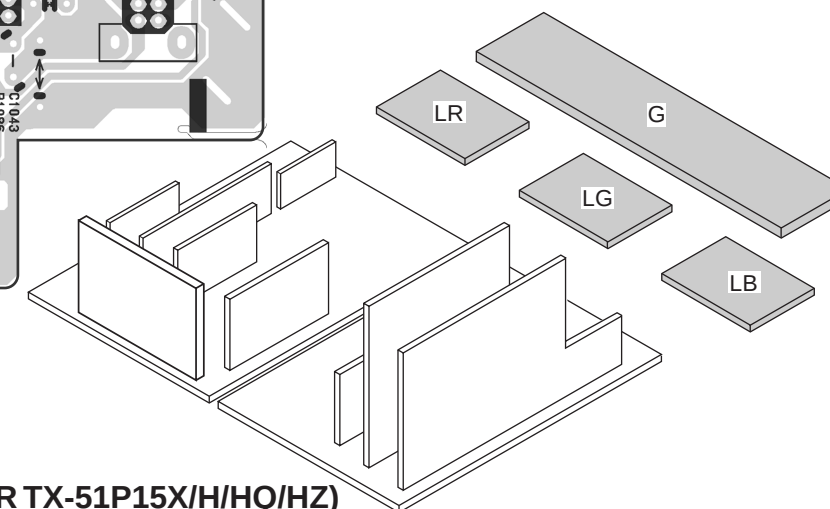
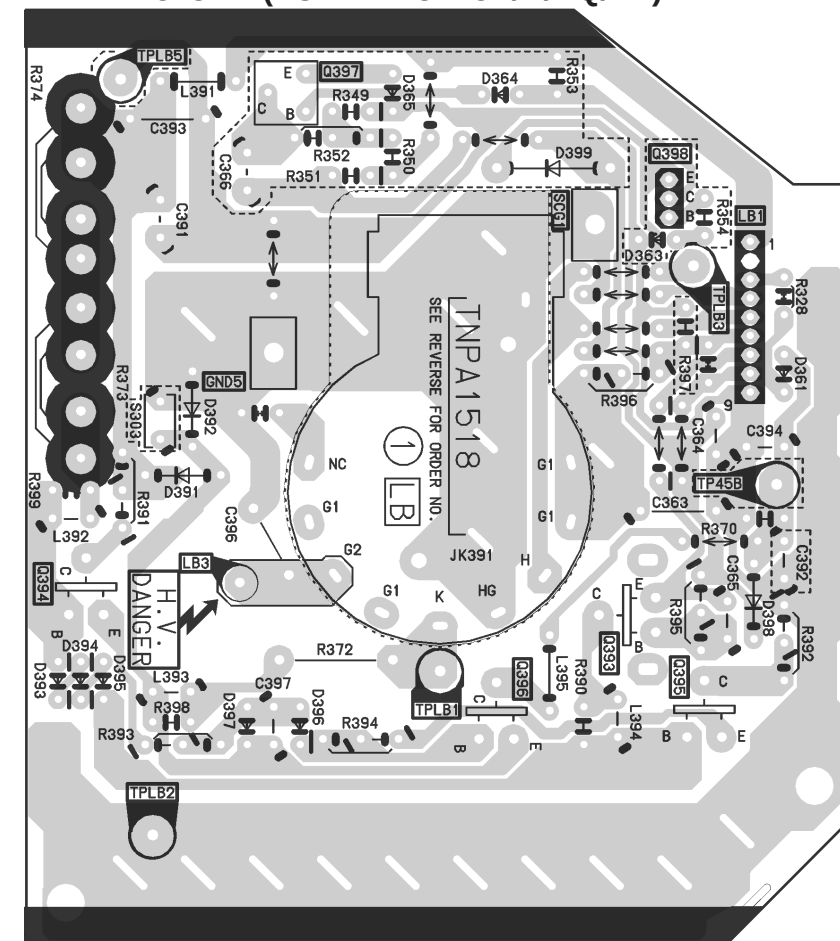
LG-BOARD
TNPA1517 (FOR TX-51P15X/H/HQ/HZ)
TNPA1517AB (FOR TX-43P15X/H/HQ/HZ)



LR-BOARD
TNPA1516 (FOR TX-51P15X/H/HQ/HZ)
TNPA1516AB (FOR TX-43P15X/H/HQ/HZ)

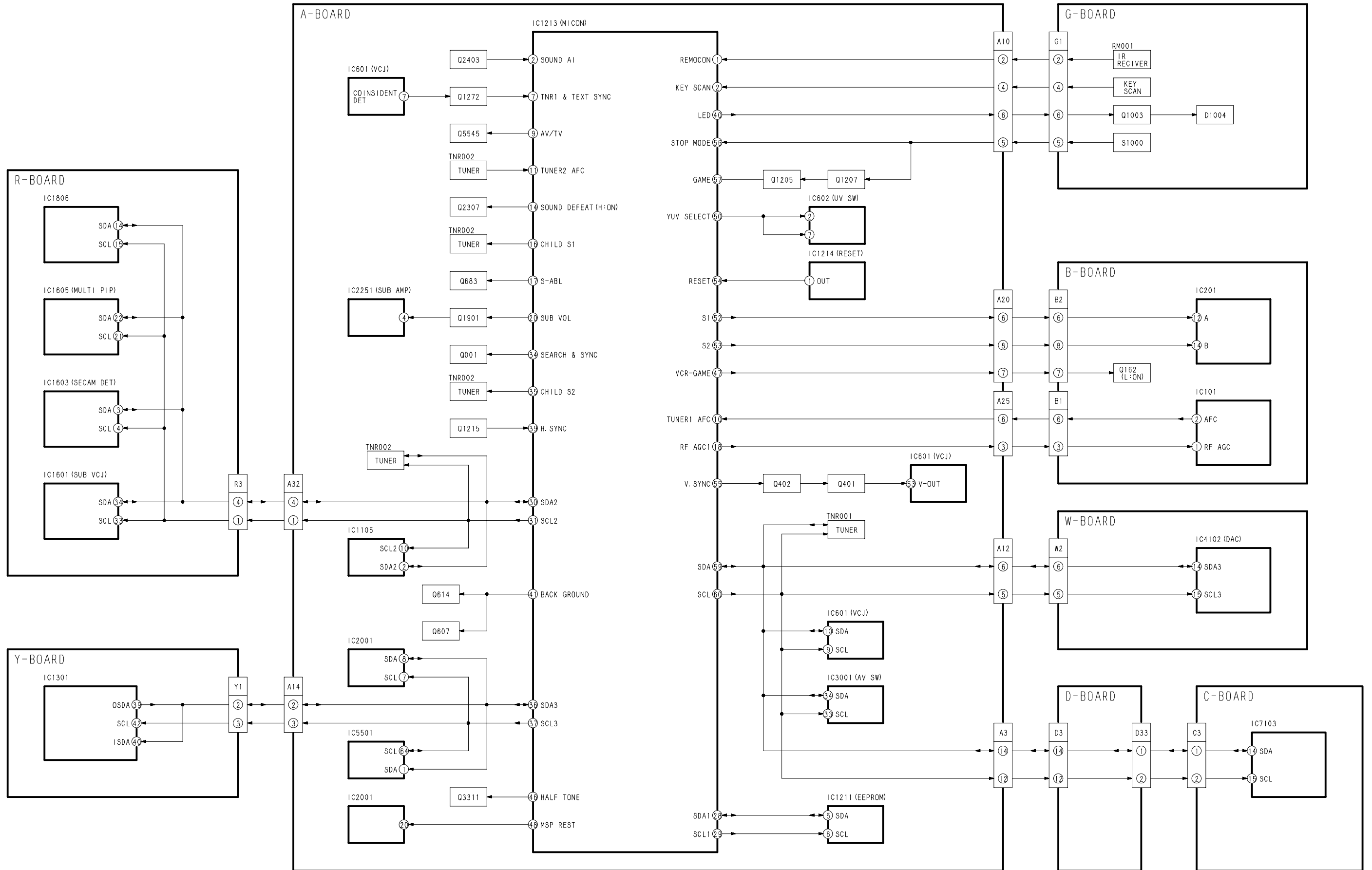


LB-BOARD
TNPA1518 (FOR TX-51P15X/H/HQ/HZ)
TNPA1518AB (FOR TX-43P15X/H/HQ/HZ)

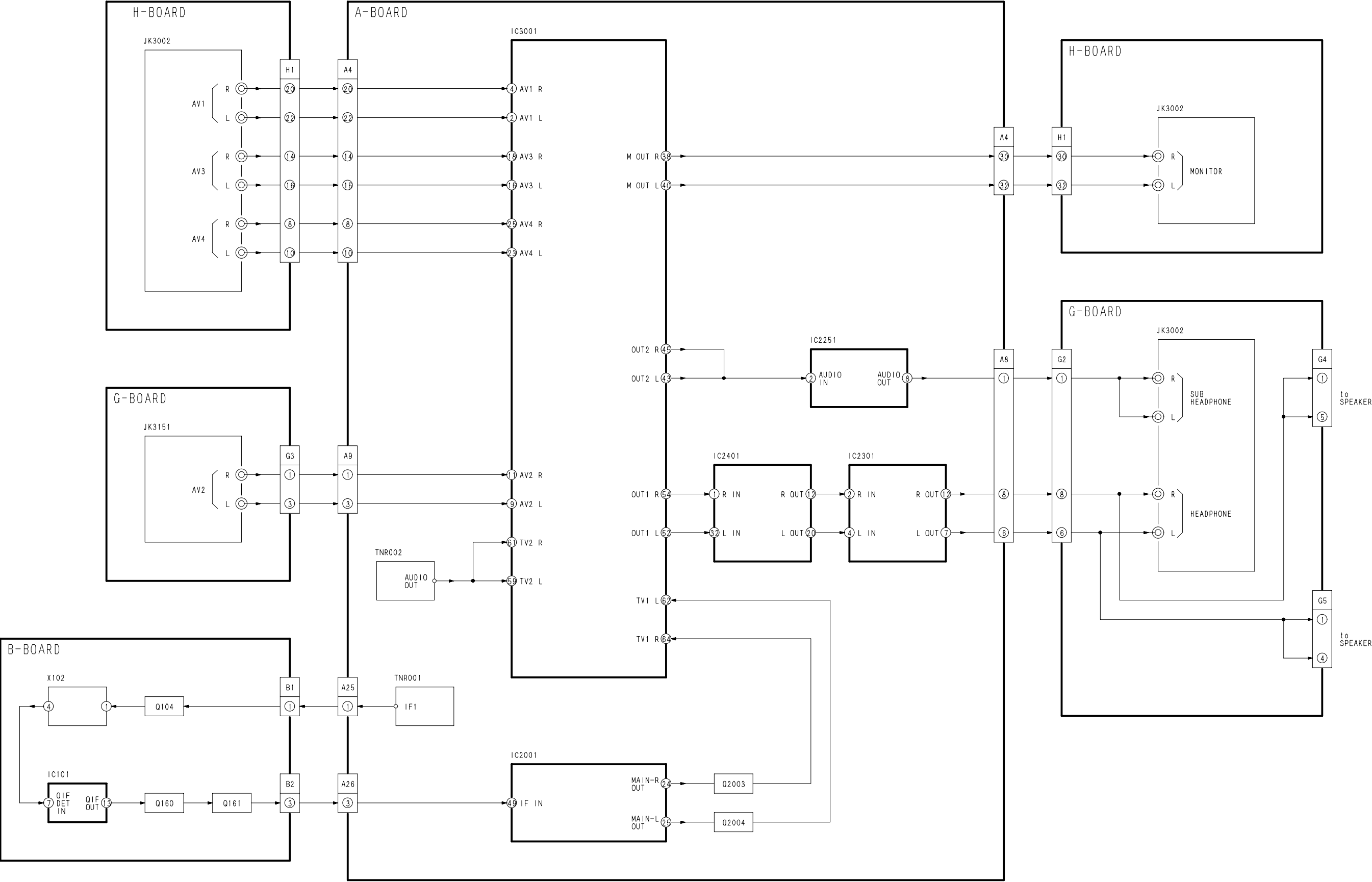


Block Diagrams

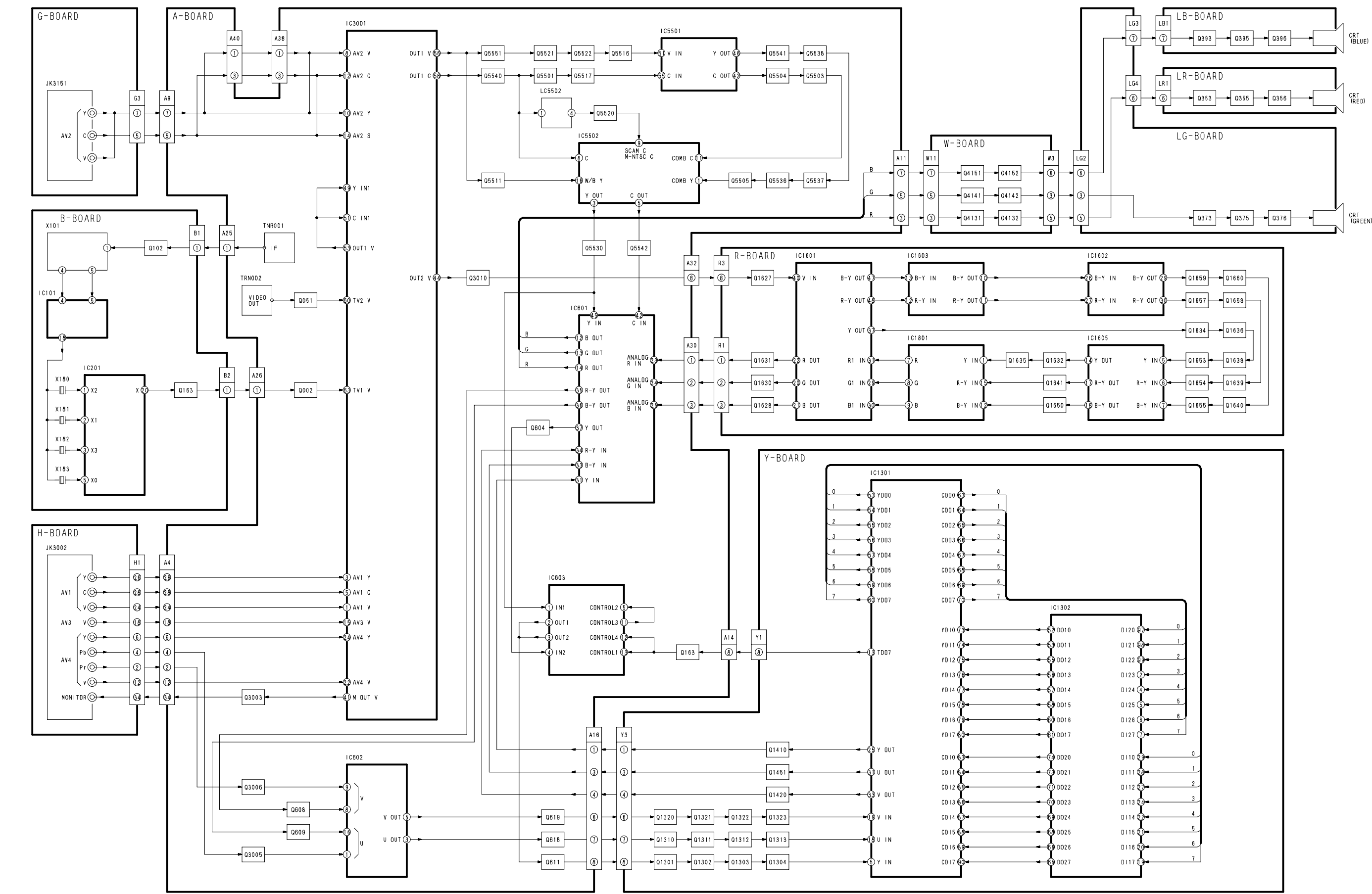
CONTROL BLOCK



AUDIO BLOCK



VIDEO BLOCK



Schematic Diagram

Important Safety Notice

Components identified by Δ mark have special characteristics important for safety.
When replacing any of these components, use only manufacture's specified parts.

Notes:

- Resistor**
All resistors are cabon 1/4W resistor, unless marked as follows:
Unit of resistance is OHM [Ω] (K=1,000, M=1,000,000).

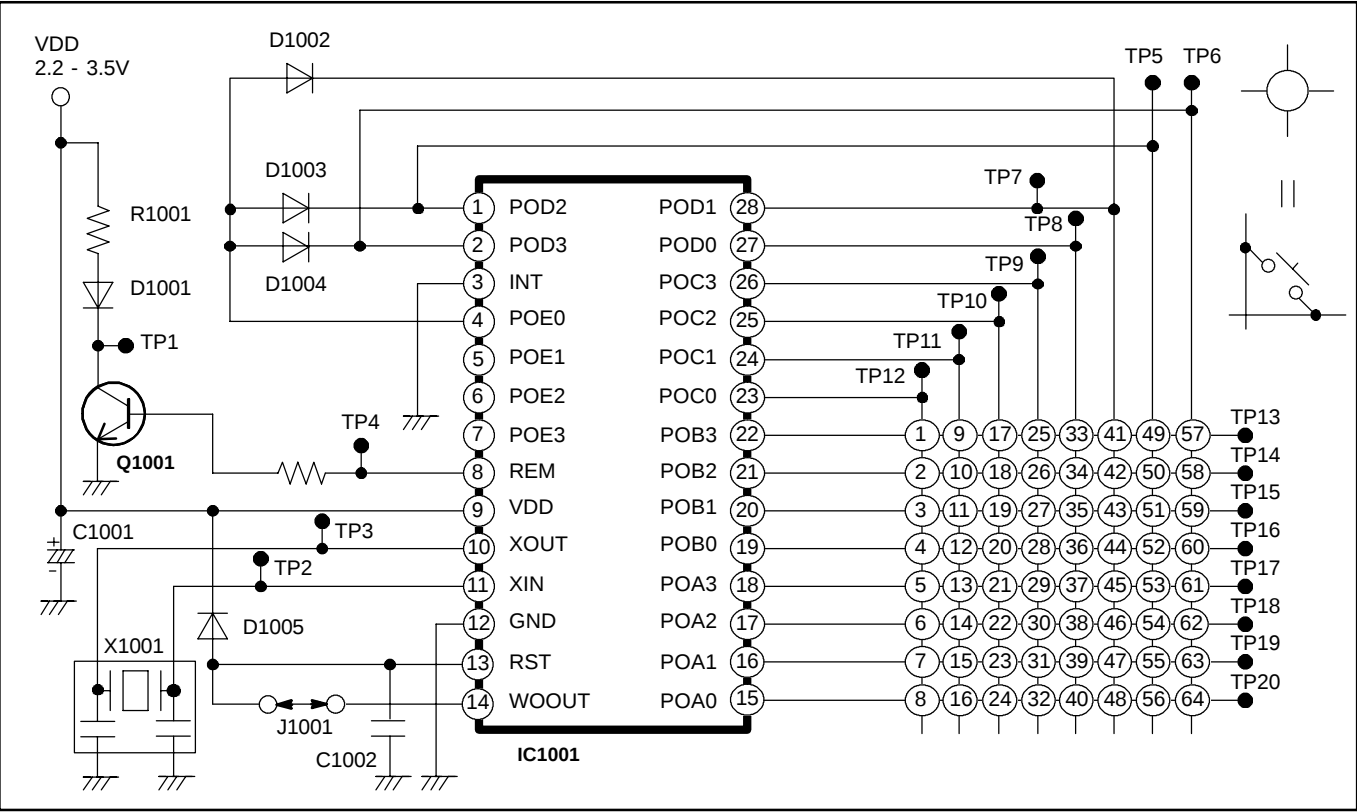
$\bigcirc$	: Nonflammable	$\boxtimes$	: Metal Oxide
$\triangle$	: Solid	$\odot$	: Metal Film
$\boxplus$	: Wire Wound	$\otimes$	: Fuse:
- Capacitor**
All capacitors are ceramic 50V capacitor, unless marked as follows:
Unit of capacitance is μ F, unless otherwise noted.

$\otimes$	: Temperature Compensation	$\begin{smallmatrix} + \\ \text{---} \end{smallmatrix}$	: Electrolytic
$\textcircled{M}$	: Polyester	$\begin{smallmatrix} \text{NP} \\ \text{---} \end{smallmatrix}$	: Bipolar
$\textcircled{m}$	: Metalized Polyester	$\textcircled{T}$	: Dipped Tantalum
$\boxtimes$	: Polypropylene	$\textcircled{Z}$	: Z-Type
- Coil**
Unit of inductance is μ F, unless otherwise noted.
- Test Point**
 $\bigcirc$: Test Point position
- Earth Symbol**
 --- : Chassis Earth (Cold) $\downarrow$: Line Earth (Hot)
- Voltage Measurement**
Voltage is measured by a DC voltmeter.
Conditions of the measurement are the following:
Power Source AC 220V, 50Hz
Receiving Signal Colour Bar signal (RF)
All customer's controls Maximum positions
- Number in red circle indicates waveform number.
(See waveform pattern table.)
- When arrow mark ($\nearrow$) is found, connection is easily found from the direction of arrow
- Indicates the major signal flow. : Video $\Rightarrow$ Audio $\Rightarrow$ Pin P Video $\Rightarrow$
- This schematic diagram is the latest at the time of printing and subject to change without notice.

Remarks:

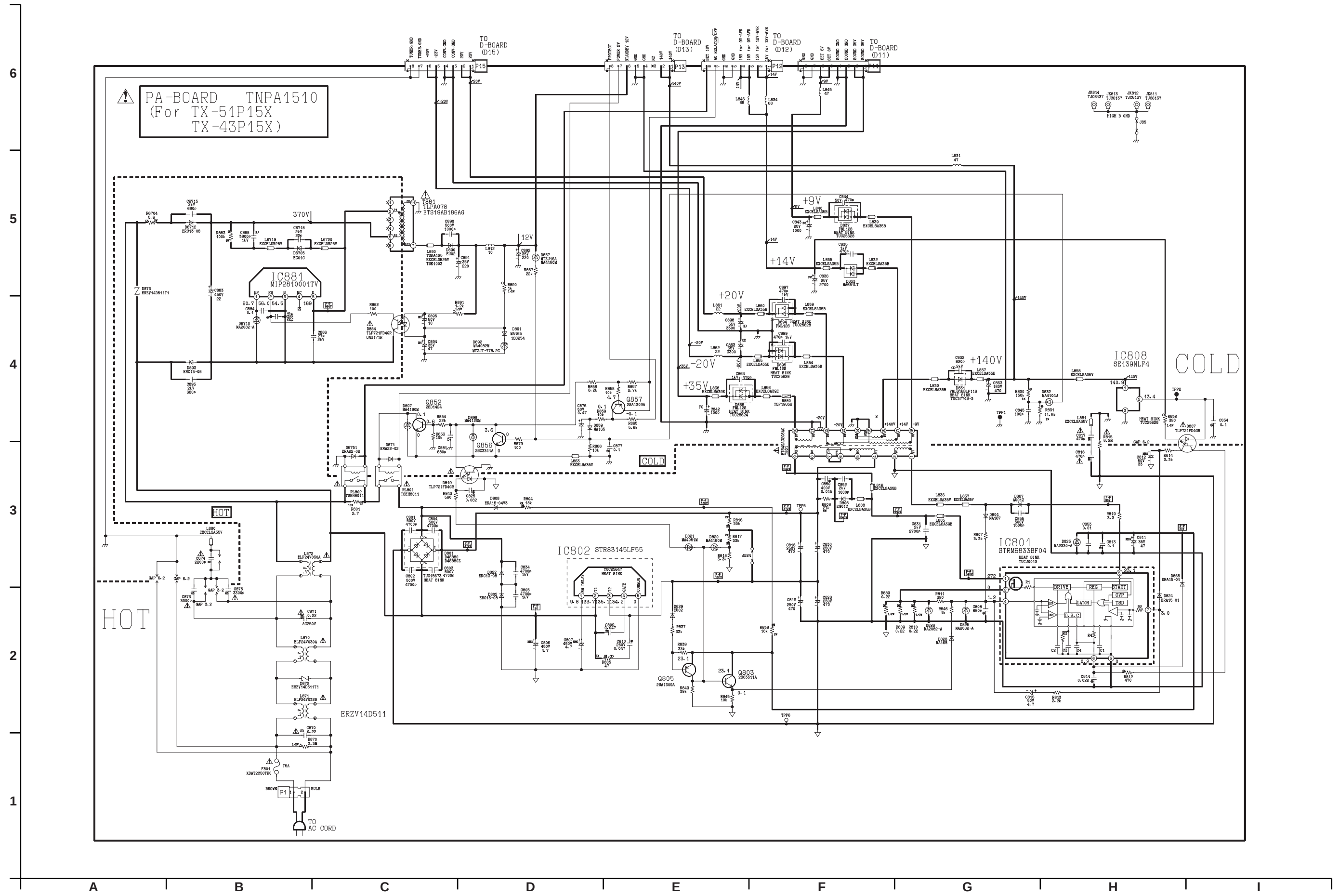
- The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection.
The circuit is defined by HOT and COLD indications in the schematic diagram. Take the follwing precautions.
All circuits, except the Power Circuit, are cold.
Precautions
 - Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
 - Do not short- circuit the hot and cold circuits or a fuse may blow and parts may break.
 - Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously or a fuse may blow.
Connect the earth of instruments to the earth connection of the circuit being measured.
 - Make sure to disconnect the power plug before removing the chassis.
- Following diodes are interchangeable.
MA150- MA162 (Replacement part)

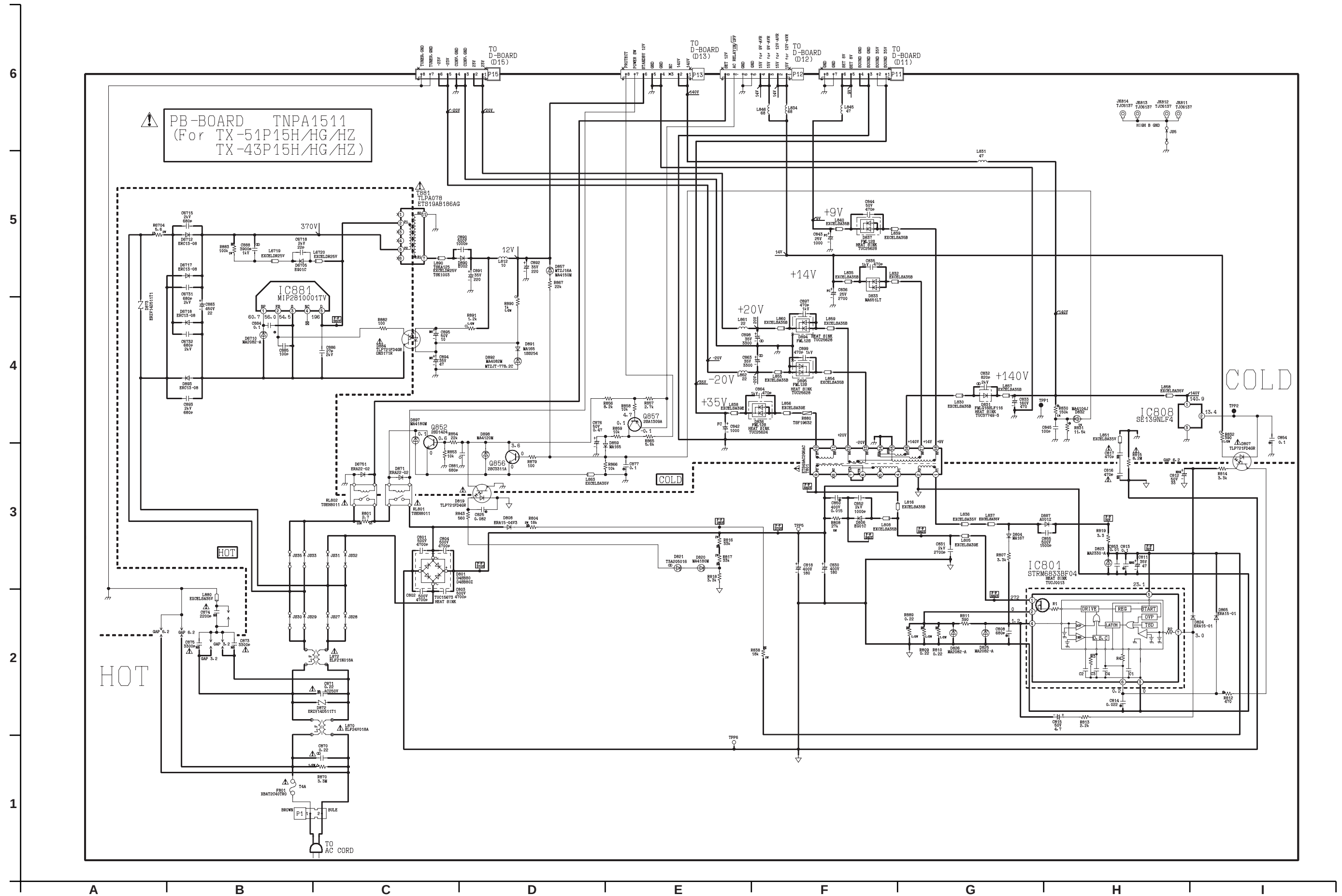
Remote Control Transmitter TNQE194



Key Function Table

Key No.	Function	Key No.	Function	Key No.	Function
1	MUTE	23	MAIN MENU	45	PAI
2	SURROUND	24	CH 4	46	HOLD
3	TV/AV	25	CH 9	47	STEREO
4	VCR/LD:REW	26	CH 8	48	TV/TEXT
5	VCR/LD:STOP	27	VOL. UP	49	YELLOW
6	VCR/LD:FF	28	N (NORNAL) ■	50	GREEN
7	VCR/LD:PLAY	29	RIGHT ►	51	BLUE
8	VCR/LD:POWER ON/OFF	30	VCR:CH UP/LD:SKIP +	52	RED
9	CH 3	31	LEFT ◀	53	REVEAL
10	CH 2	32	CH 7	54	F/T/B
11	POS. UP	33	2 DIGIT	55	F.P.
12	LD FUNCTION	34	CH 0	56	PAI
13	VCRADVANCE/LD:DISC A	35	VOL. DOWN	57	-----
14	VCR:REC/LD:DISC B	36	DOWN ▼	58	-----
15	VCR FUNCTION	37	PC	59	-----
16	CH 1	38	VCR:CH DOWN/LD:SKIP -	60	GREEN
17	CH 6	39	OFF TIMER	61	YELLOW
18	CH 5	40	RECALL	62	BLUE
19	POS. DOWN	41	INDEX	63	RED
20	UP ▲	42	F/T/B	64	POWER ON/OFF
21	VCR/LD:PAUSE	43	HOLD		
22	VCR:REC	44	D.PNR		





6

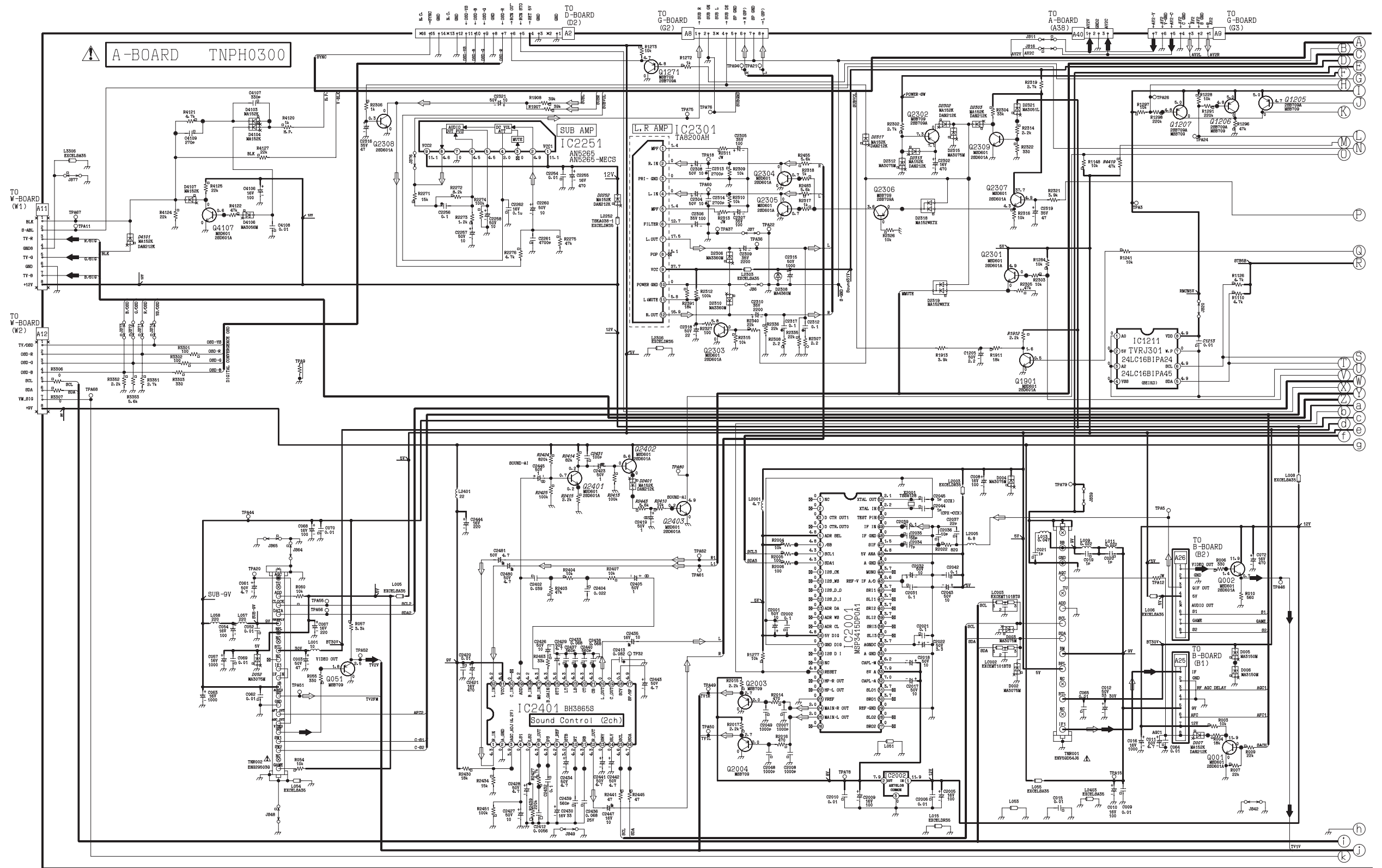
5

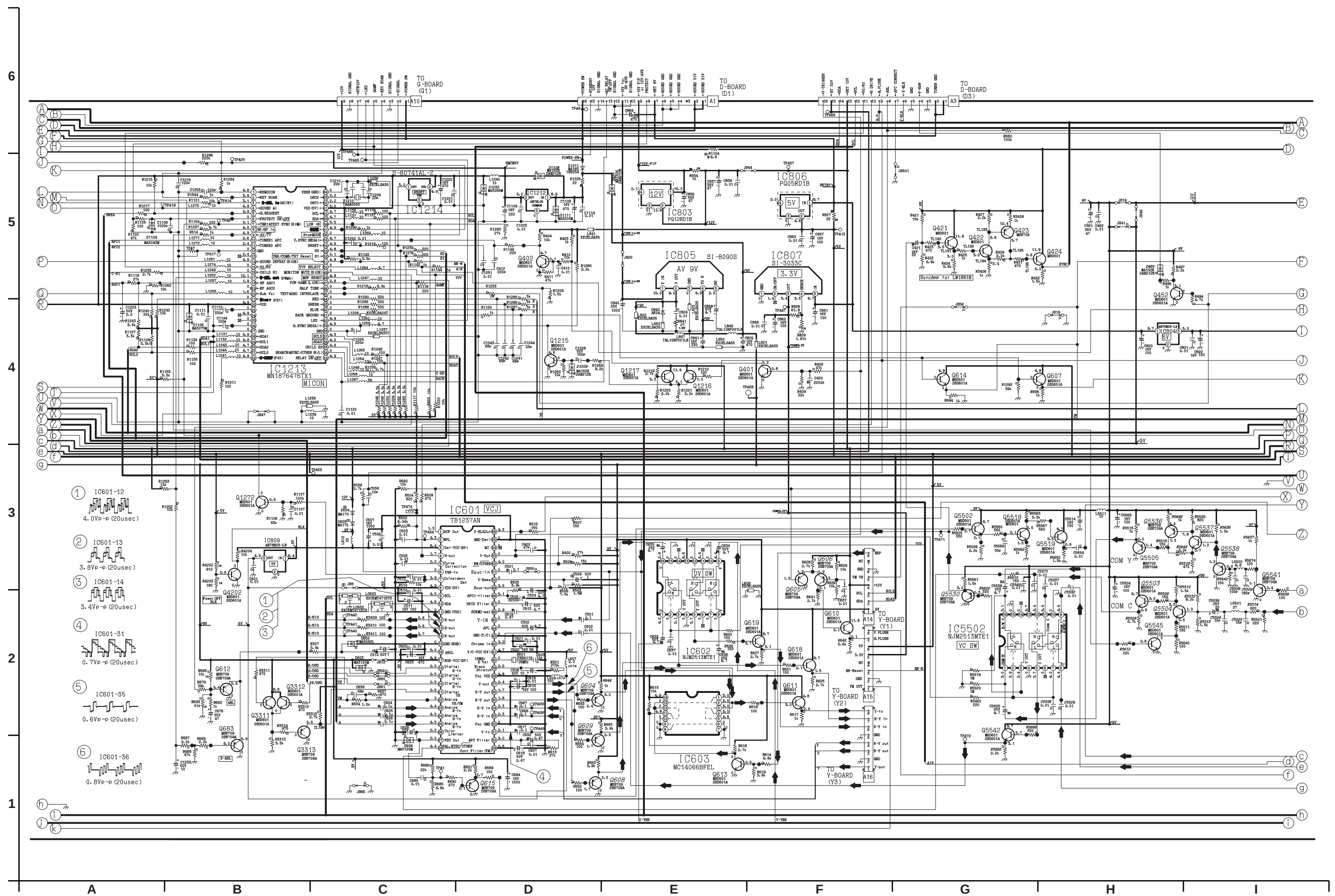
4

3

2

1





6

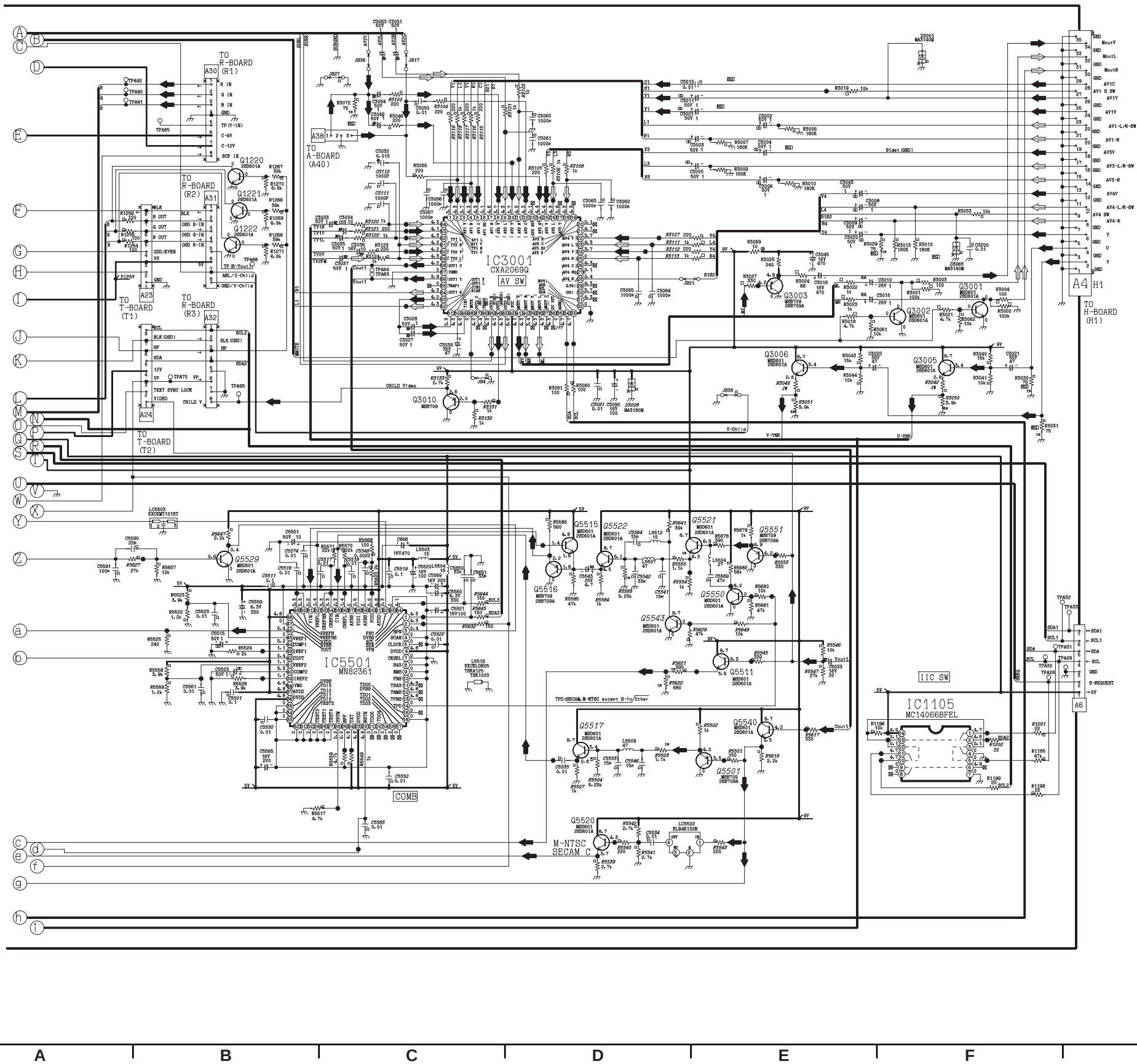
5

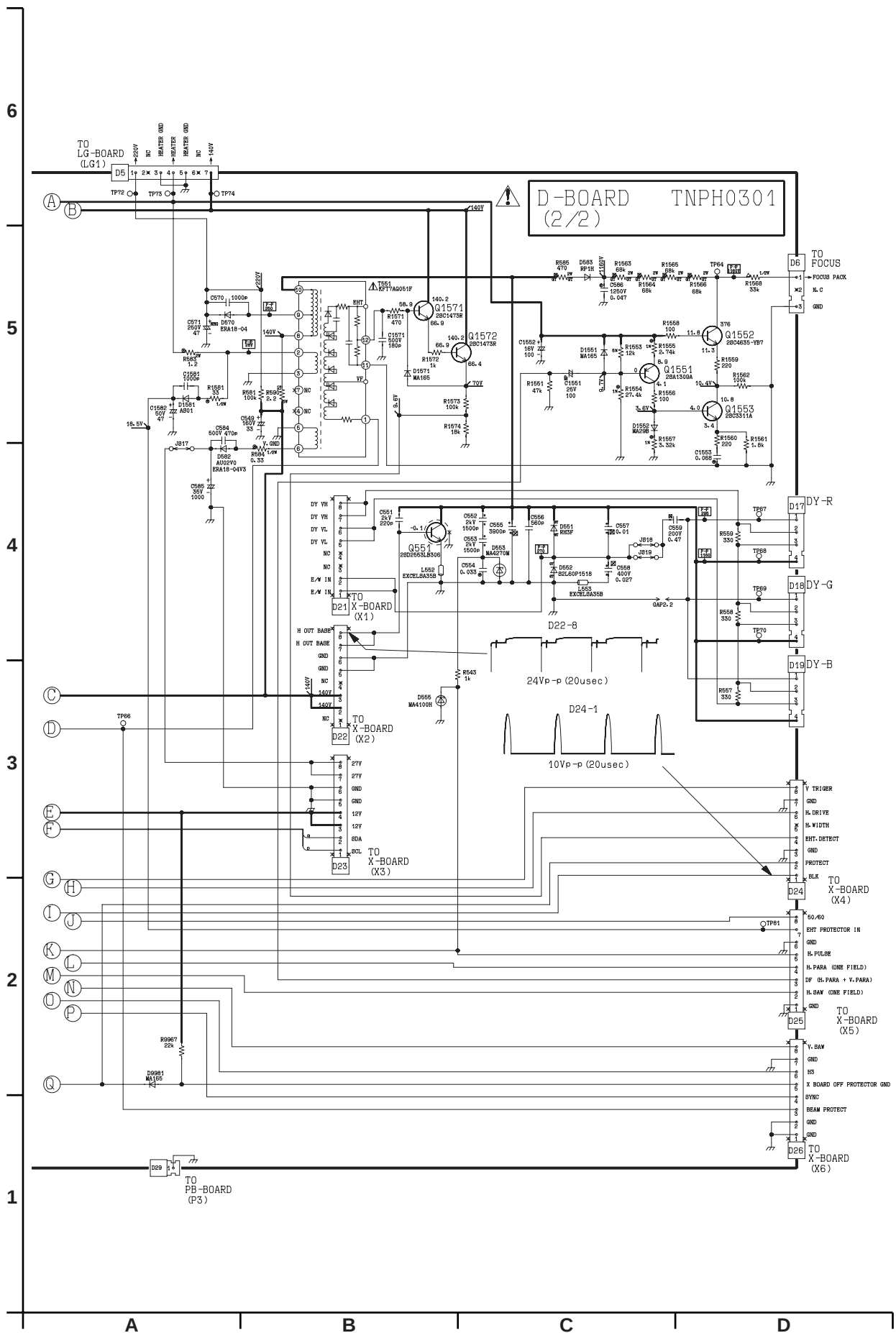
4

3

2

1





6

5

4

3

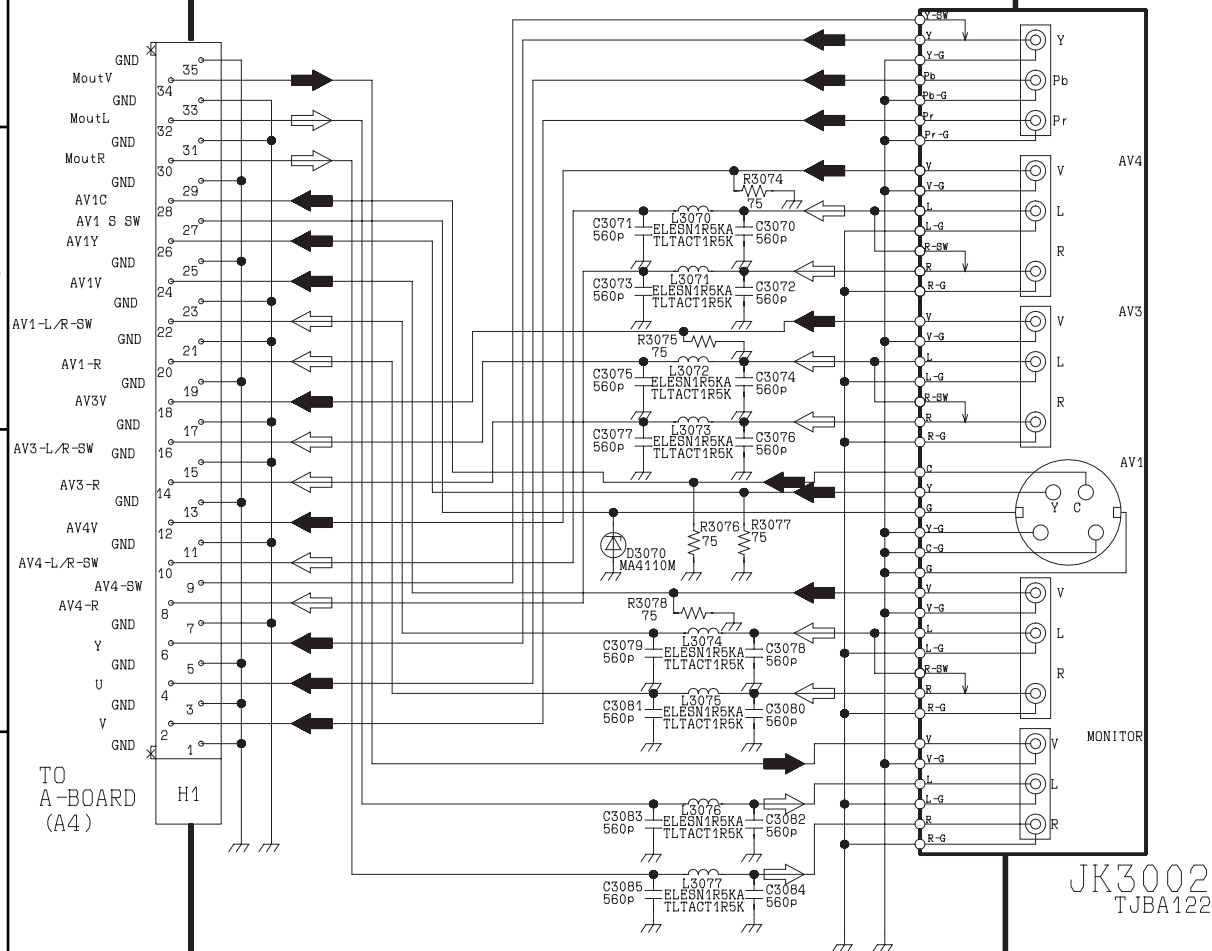
2

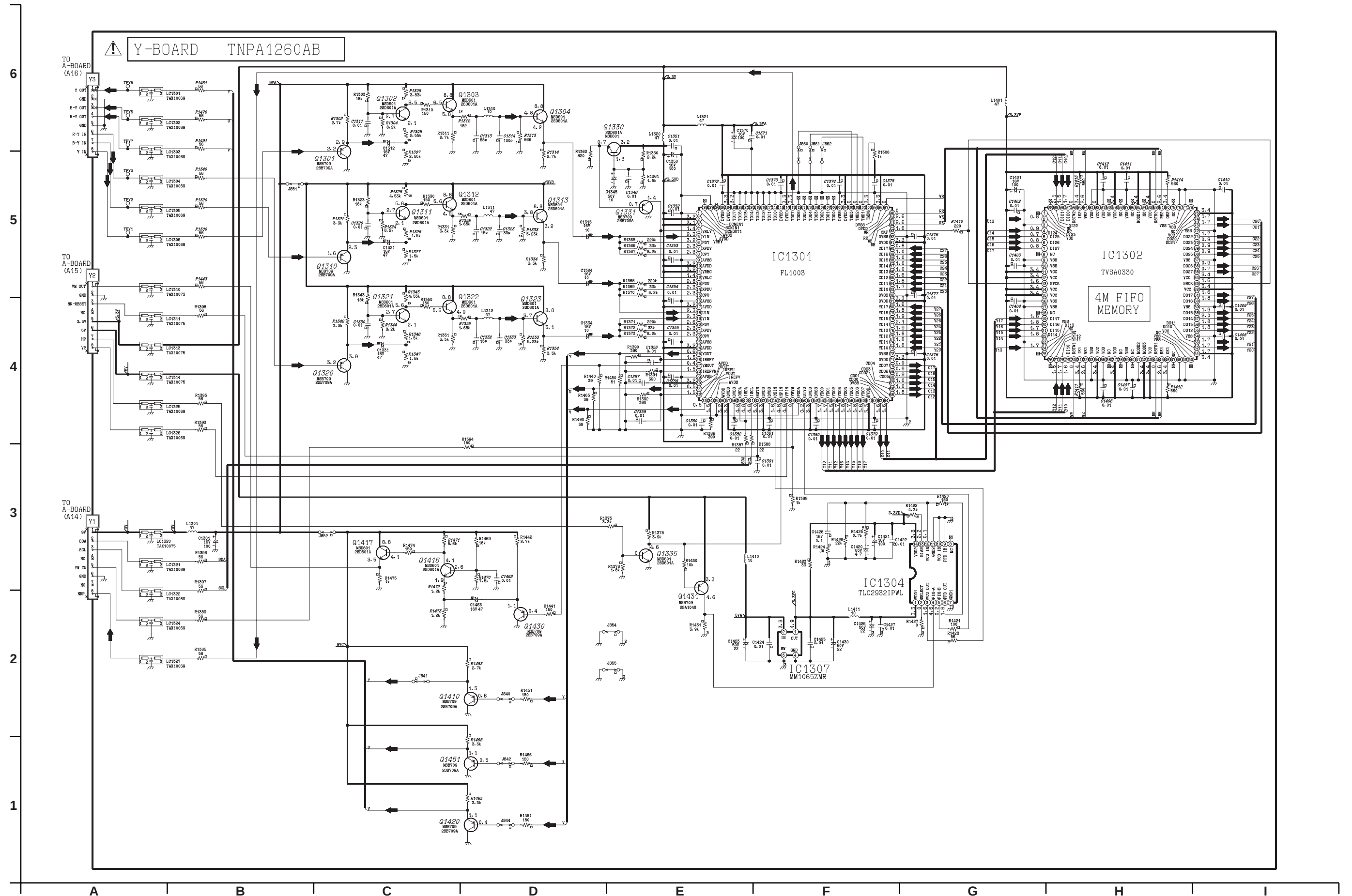
1

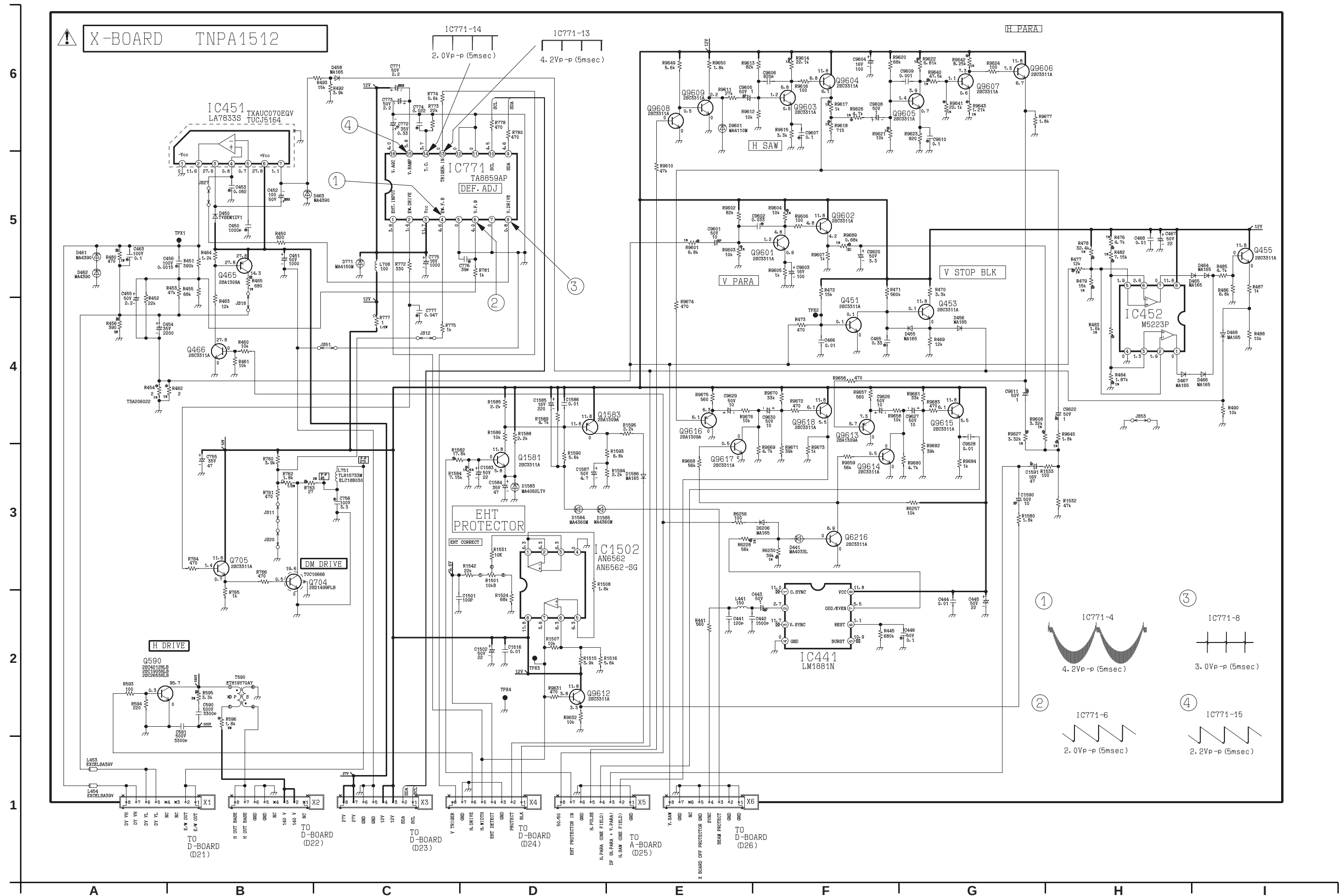


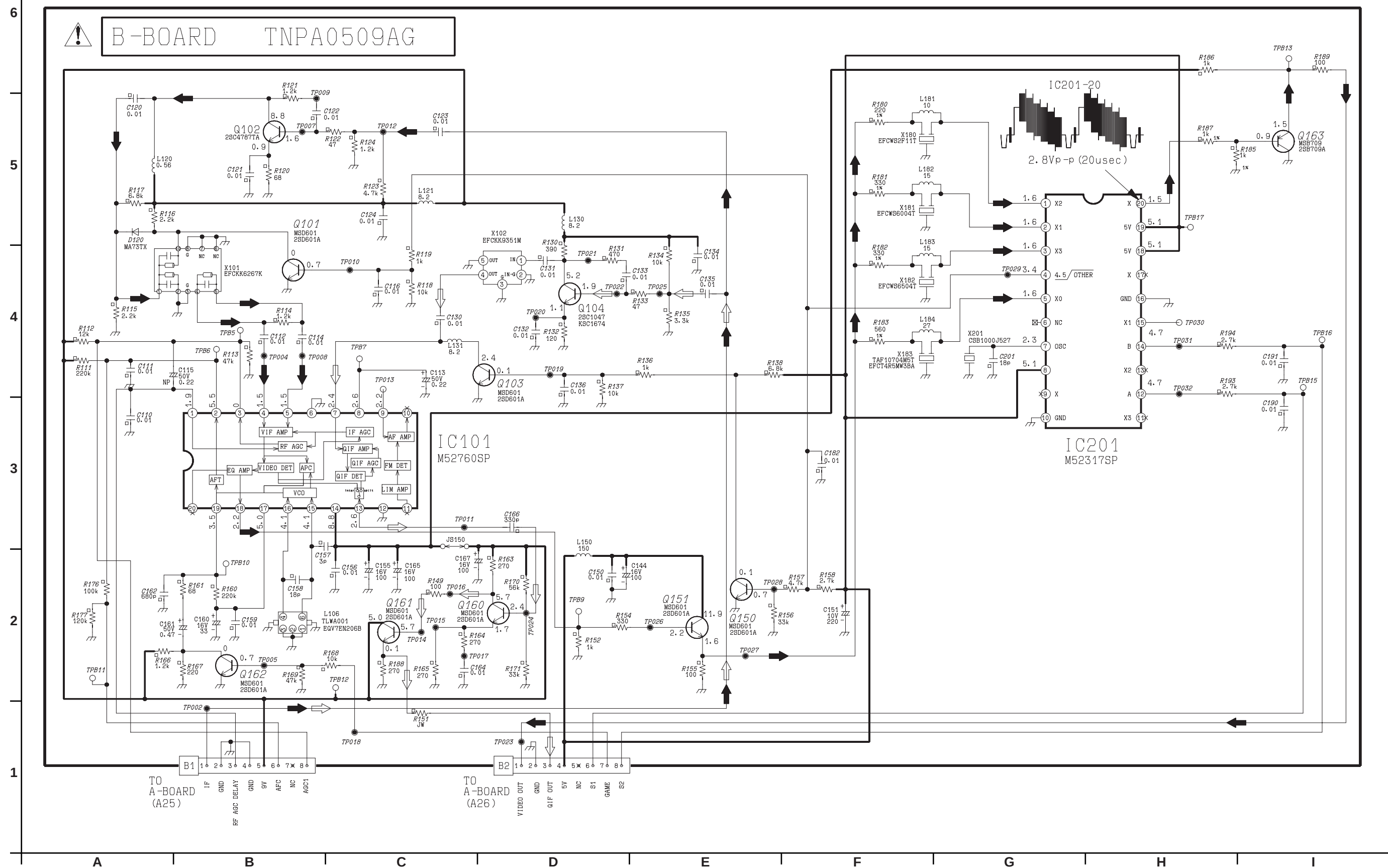
H-BOARD

TNPA1654

JK3002
TJBA122







6

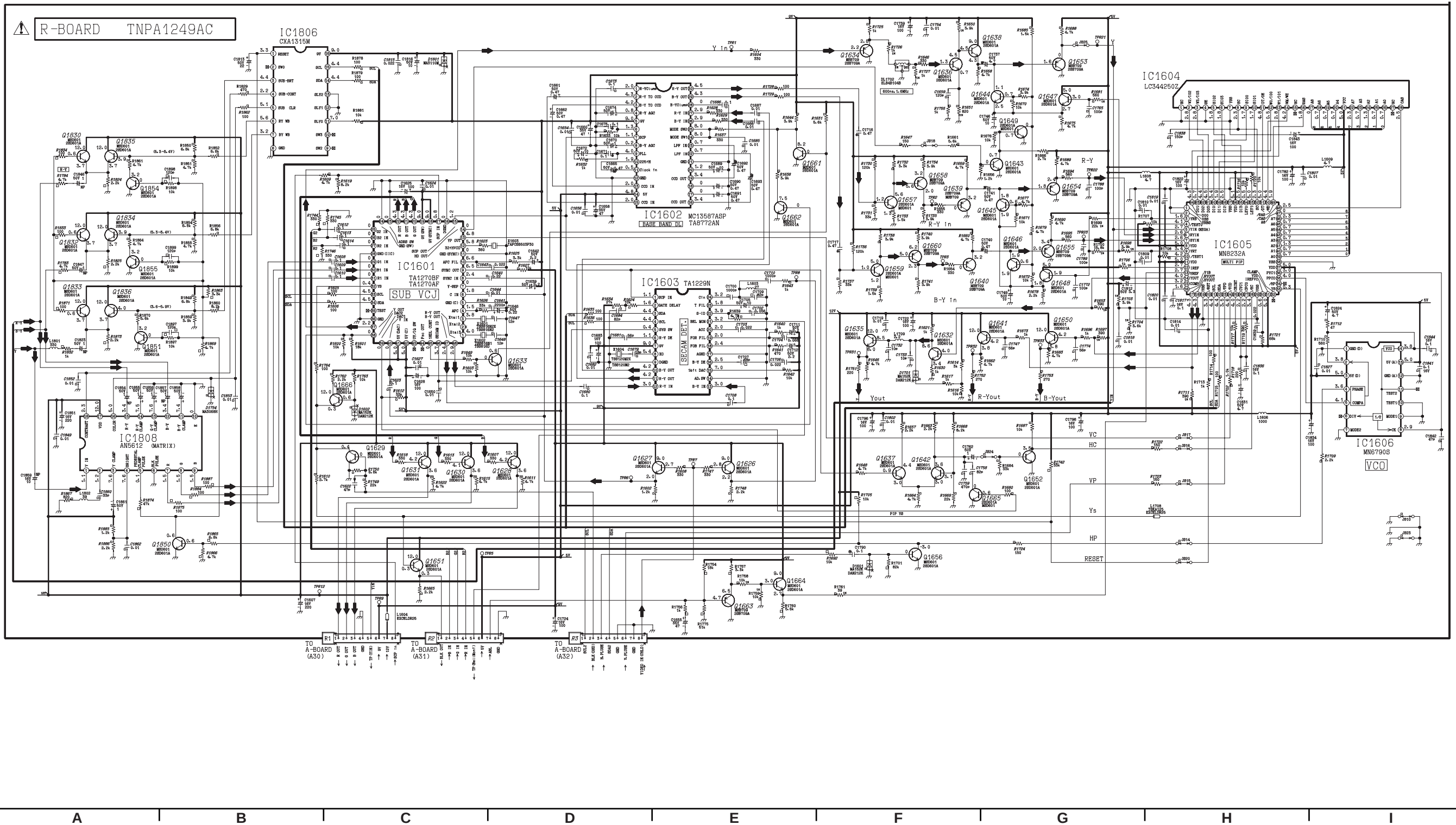
5

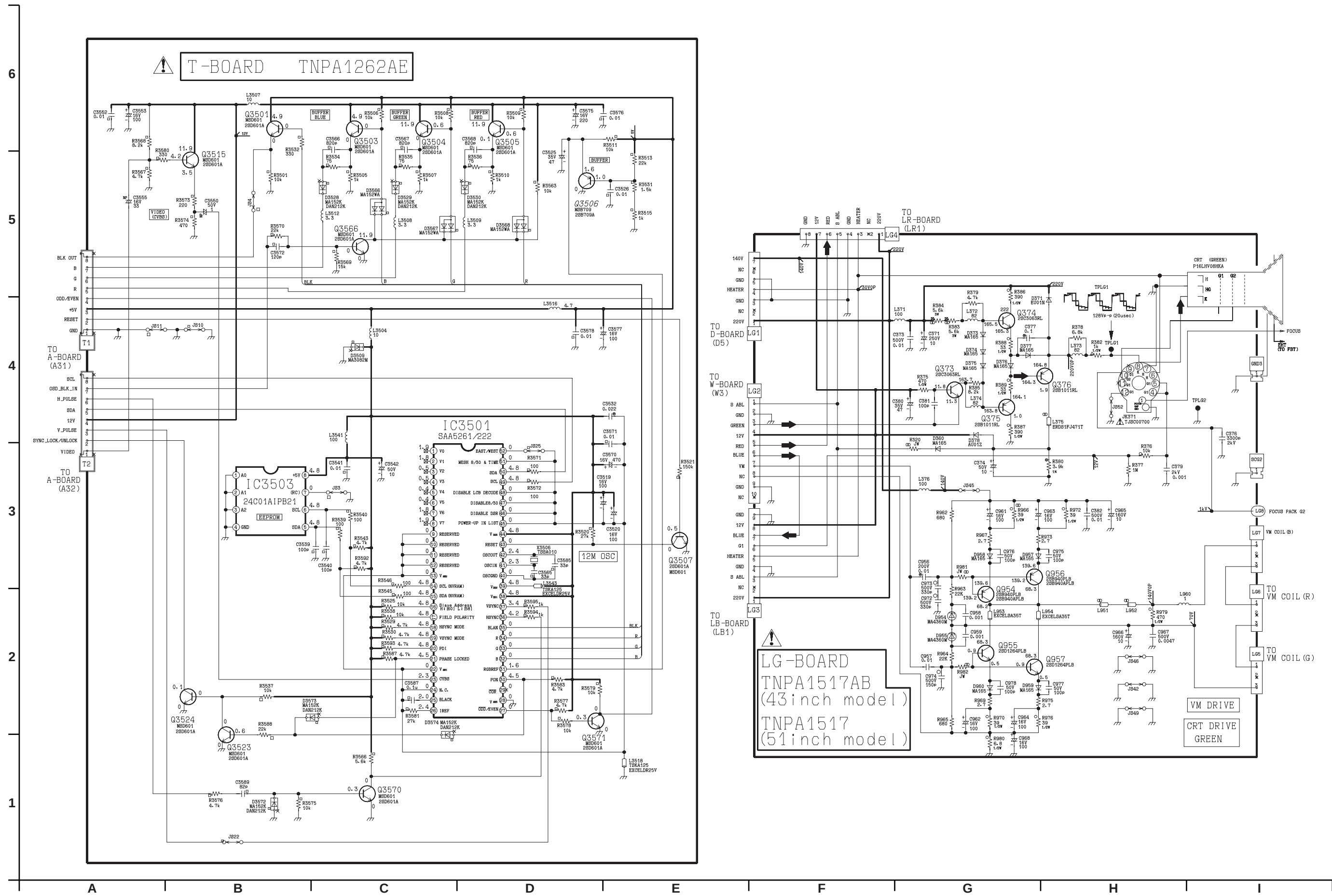
4

3

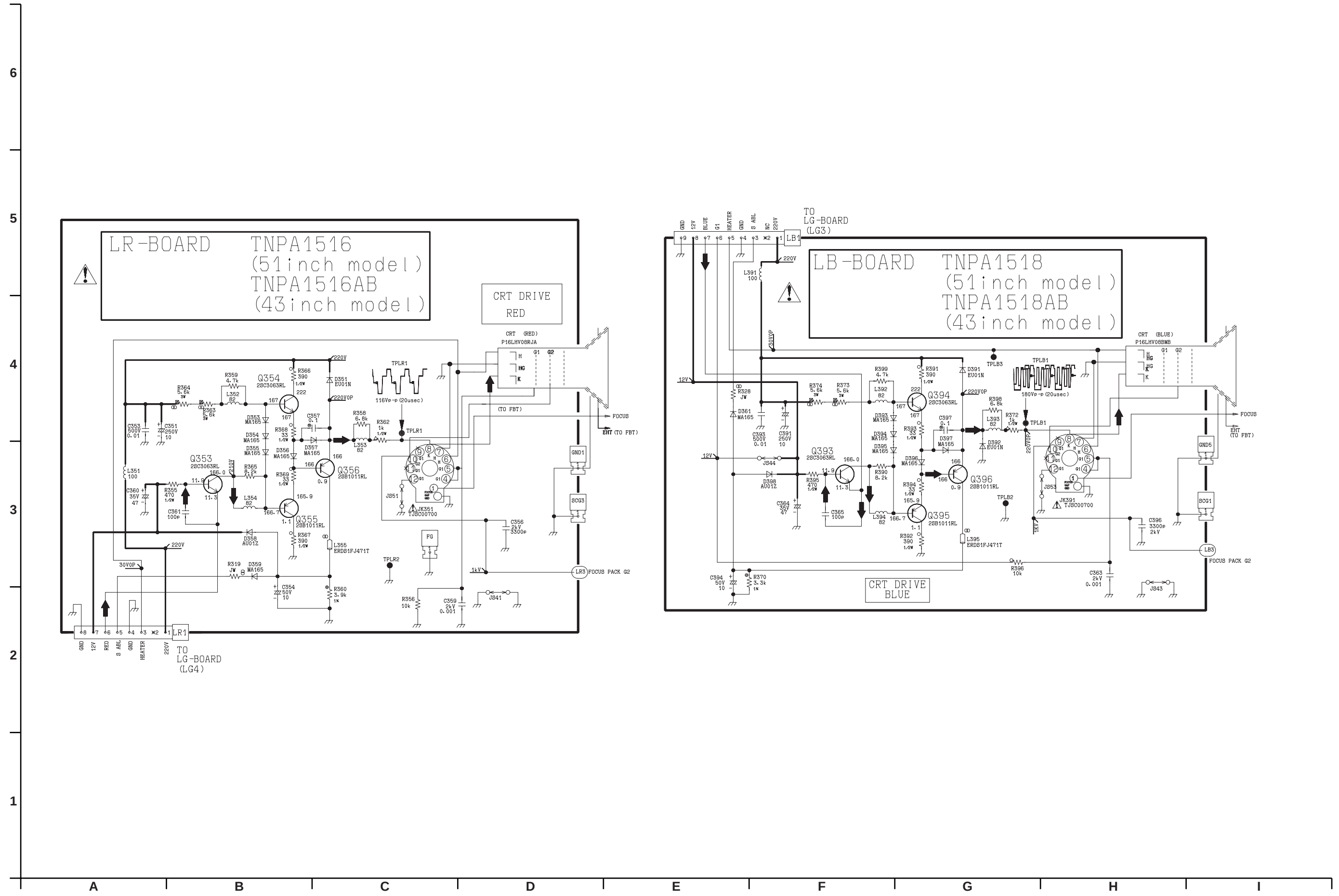
2

1



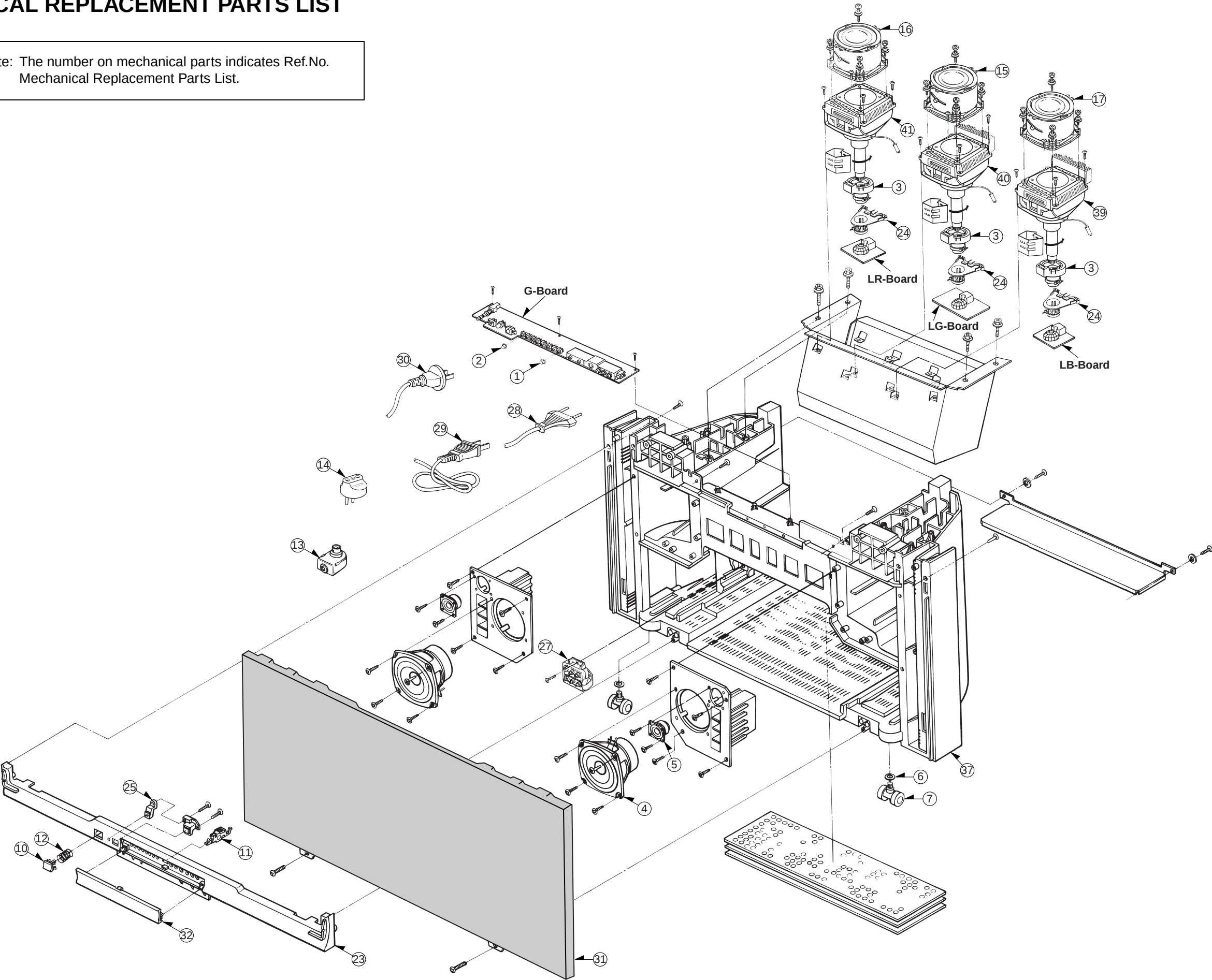


W-BOARD / T, LG-BOARD

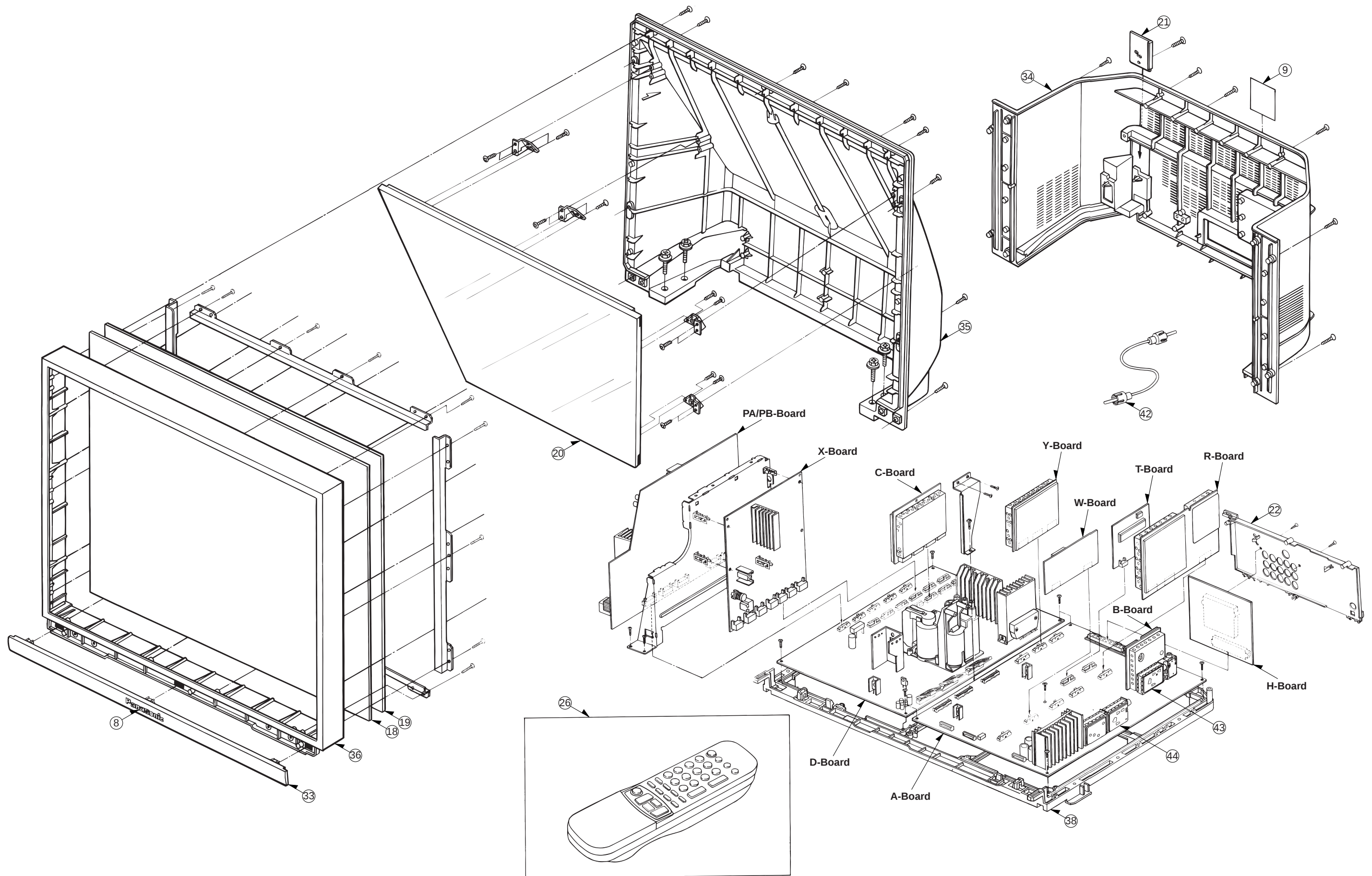


PARTS LOCATION &
MECHANICAL REPLACEMENT PARTS LIST

Note: The number on mechanical parts indicates Ref.No.
Mechanical Replacement Parts List.



LR, LB-BOARD / PARTS LOCATION



Replacement Parts List

Important Safety Notice

Components identified by mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.

RTL (Retention Time Limited)

Note: The marking (RTL) indicates that the Retention Time is Limited for this item.

After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependant on the type of assembly, and in accordance with the laws governing part and product retention.

After the end of this period, the assembly will no longer be available.

Abbreviation of part name and description

1. Resistor

2. Capacitor

Example:

Example:

ERD25TJ104 C 100KOHM, J, 1/4W

ECKF1H103ZF C 0.01UF, Z, 50V

Type	Allowance
------	-----------

Type	Allowance
------	-----------

Type	Allowance
C : Carbon	F : $\pm 1\%$
F : Fuse	G : $\pm 2\%$
M : Metal Oxide	J : $\pm 5\%$
Metal Film	K : $\pm 10\%$
S : Solid	M : $\pm 20\%$
W : Wire Wound	

Type	Allowance
C : Ceramic	C : $\pm 0.25\text{pF}$
E : Electrolytic	D : $\pm 0.5\text{pF}$
P : Polyester	F : $\pm 1\text{pF}$
Polypropylene	G : $\pm 3\text{pF}$
T : Tantalum	J : $\pm 5\text{pF}$
	K : $\pm 10\text{pF}$
	L : $\pm 15\text{pF}$
	M : $\pm 20\text{pF}$
	P : +100%, -0%
	Z : +80%, -20%

Ref. No	Part No.	Description	Ref. No	Part No.	Description
	MECHANICAL PARTS				
	1	KBQ535G CONTROL BUTTON(GREEN)CAP		TPDA0389	CUSHION (UPPER) (for 43 inch model)
	2	KBQ5350 SW CAP		TPDA0390	CUSHION (BOTTOM) (for 43 inch model)
Δ	3	KDY2AS998F DEFLECTION YOKE		TPDA0391	CUSHION (FRONT) (for 43 inch model)
	4	TASA0011 SPEAKER (WOOFER)		TPDA0392	CUSHION (REAR) (for 43 inch model)
	5	TASA0012 SPEAKER (TWEETER)		TPDF0199	CUSHION (for 51 inch model)
	6	TBLB3008 CASTER BASE		TPDF0416	CUSHION (for 51 inch model)
	7	TBL151908 CASTER		TPDF0451	CUSHION (for 43 inch model)
	8	TBMA071 PANASONIC BADGE		TPD169487	CUSHION (for 43 inch model)
Δ	9	TBMD680 MODEL NAME PLATE (for TX-51P15X)		TPD169564	JOINT
Δ	9	TBMD681 MODEL NAME PLATE (for TX-51P15H)		TPEH081	JOINT
Δ	9	TBMD767 MODEL NAME PLATE (for TX-51P15HQ/HZ)		TPEH090	SET COVER
Δ	9	TBMD752 MODEL NAME PLATE (for TX-43P15X)		TPE118001	PROTECT COVER
Δ	9	TBMD755 MODEL NAME PLATE (for TX-43P15H)		TQBC0191	WASHING CLOTH
Δ	9	TBMD756 MODEL NAME PLATE (for TX-43P15HQ/HZ)		TQBC0191	INSTRUCTION BOOK (ENGLISH)
				TQBC0192	INSTRUCTION BOOK (ARABIC)
				TQBC0193	INSTRUCTION BOOK (PERSIAN)
	10	TBXA23602 POWER BUTTON	Δ	28	TSX5132-2 AC POWER CORD (for TX-43/51P15H)
	11	TEK6935 DOOR SWITCH	Δ	29	TSX5134-1 AC POWER CORD (for TX-43/51P15X)
	12	TESA031 SPRING	Δ	30	TSX1495 AC POWER CORD (for TX-43/51P15HQ/HZ)
		TES2249 SPRING		31	TTPA0117-1 SPEAKER GRILLE (for 51 inch model)
		TES4539 SPRING		31	TTPA0130 SPEAKER GRILLE (for 43 inch model)
		TES6583 SPRING FOR TR		32	TTPA0118-1 CONTROL PANEL
		THTA006Z SCREW		33	TTPA0122-1 ORNAMENT PANEL (for TX-51P15X)
		THT1062 SCREW		33	TTPA0123-1 ORNAMENT PANEL (for TX-51P15H/HQ/HZ)
		THW70031Z WASHER		32	TTPA0132 CONTROL PANEL (for 43 inch model)
13	TJB1726400	ADAPTOR (75 OHM)		33	TTPA0131 ORNAMENT PANEL (for TX-43P15X)
14	TJS2A8420	AC PLUG ADAPTOR (for TX-43/51P15X)		33	TTPA0135 ORNAMENT PANEL (for TX-43P15H/HQ/HZ)
	15	TKGF0007 LENS (G) (for 51 inch model)		34	TTUA0320 REAR COVER (BOTTOM) (for TX-51P15X)
	16	TKGF0013 LENS (R) (for 51 inch model)		34	TTUA0321 REAR COVER (BOTTOM) (for TX-51P15H)
	17	TKGF0014 LENS (B) (for 51 inch model)		34	TTUA0335 REAR COVER (BOTTOM) (for TX-43P15X)
	16	TKGF0024 LENS (R) (for 43 inch model)		34	TTUA0338 REAR COVER (BOTTOM) (for TX-43P15H)
	15	TKGF0025 LENS (G) (for 43 inch model)		34	TTUA0339 REAR COVER (BOTTOM) (for TX-43P15HQ/HZ)
	17	TKGF0026 LENS (B) (for 43 inch model)		34	TTUA0343 REAR COVER (BOTTOM) (for TX-51P15HQ/HZ)
	18	TKGH5020 SCREEN (for 51 inch model)		35	TTUA0354 REAR COVER
	19	TKGH5038 SCREEN (for 51 inch model)		36	TTYA0368 CABINET (TOP) (for 51 inch model)
	18	TKGH5041 SCREEN (for 43 inch model)		37	TTYA0393 CABINET (BOTTOM) (for 43 inch model)
	19	TKGH5042 SCREEN (for 43 inch model)		36	TTYA0394 CABINET (TOP) (for 43 inch model)
	20	TKGJ5019 MIRROR (for 51 inch model)		37	TTYA0395-1 CABINET (BOTTOM) (for 51 inch model)
	20	TKGJ5020 MIRROR (for 43 inch model)		38	TUAA02101E CHASSIS GUIDE
	21	TKKH5061 COVER	Δ	39	TVVAB10EQV PICTURE TUBE (B)
	21	TKKL5088 AC CORD COVER	Δ	40	TVVAG10EQV PICTURE TUBE (G)
	22	TKPA29503A REAR TERMINAL FRAME	Δ	41	TVVAR10EQV PICTURE TUBE (R)
	23	TKPA33202 FRONT PANEL		42	TXAJS02ZEH CABLE
	24	TLHX003 VM COIL			XTBT964 SCREW
		TMME031 SPACER			XTBT964Z SCREW
		TMM14444 CLAMPER			XTB4+10J SCREW
		TMM15412-1 CLAMPER			XTB4+12A SCREW
		TMM16452 CLAMPER			XTB4+15A SCREW
		TMM16473-1 CLAMPER			XTV3+10J SCREW
		TMM16480-1 CLAMPER			XTV3+12G SCREW
		TMM16497-1 CLAMPER			XTW3+10T SCREW
		TMM27446 SPACER			XTW3+12T SCREW
		TMM6428-1 CLAMPER			XTW4+Z15D SCREW
		TMM6463-1 CLAMPER			XYN4+F14 SCREW
		TMM7464-2 CLAMPER			XYN5+F16 SCREW
		TMM7473-1 CLAMPER			XZBT6506 POLY BAG
		TMM76403-1 CLAMPER			
	25	TMWJ017 LED HOLDER	Δ	43	ENV59D54J6 TUNER (TNR001)
	26	TNQE194 TRANSMITTER	Δ	44	ENG29503G TUNER (TNR002)
Δ	27	TNXB003 FOCUS BLOCK			
		TPCA79406 CARTON BOX (for TX-51P15X)			
		TPCA79407 CARTON BOX (for TX-51P15H/HQ/HZ)			
		TPCA79501 BOTTOM CARTON (for 51 inch model)			
		TPCA87501 CARTON BOX (for TX-43P15X)			
		TPCA87504 CARTON BOX (for TX-43P15H/HQ/HZ)			
		TPCA87601 BOTTOM CARTON (for 43 inch model)			
		TPDA0359-1 CUSHION (UPPER) (for 51 inch model)			
		TPDA0360-1 CUSHION (BOTTOM) (for 51 inch model)			
		TPDA0361 CUSHION (TOP)			
		TPDA0362-1 CUSHION (FRONT) (for 51 inch model)			
		TPDA0363-1 CUSHION (REAR) (for 51 inch model)			

Ref. No	Part No.	Description	Ref. No	Part No.	Description
INTEGRATED CIRCUITS			TRANSISTORS		
IC101	M52760SP	LINEAR IC	Q001	2SD601A	TRANSISTOR
IC201	M52317SP	LINEAR IC	Q002	2SD601A	TRANSISTOR
IC441	LM1881N	LINEAR IC	Q051	2SB709A	TRANSISTOR
IC451	LA7833S	LINEAR IC	Q101	2SD601A	TRANSISTOR
IC452	M5223P	LINEAR IC	Q102	2SC2188	TRANSISTOR
IC601	TB1237AN	LINEAR IC	Q103	2SD601A	TRANSISTOR
IC602	NJM2513M	LINEAR IC	Q104	2SC1047	TRANSISTOR
IC603	MC14066BF	MOS IC (LOGIC)	Q150	2SD601A	TRANSISTOR
IC771	TA8859AP	LINEAR IC	Q151	2SD601A	TRANSISTOR
IC801	STRM6833BF04	LINEAR IC	Q160	2SD601A	TRANSISTOR
IC802	STR83145LF55	LINEAR IC (for TX-43/51P15X)	Q161	2SD601A	TRANSISTOR
IC803	PQ12RD1B	LINEAR IC	Q162	2SD601A	TRANSISTOR
IC804	AN78N05	LINEAR IC	Q163	2SB709A	TRANSISTOR
IC805	SI-8090S	HYBRID IC	Q353	2SC3063	TRANSISTOR
IC806	PQ05RD1B	LINEAR IC	Q354	2SC3063	TRANSISTOR
IC807	SI-3033C	HYBRID IC	Q355	2SB1011	TRANSISTOR
IC808	SE139N	LINEAR IC	Q356	2SB1011	TRANSISTOR
IC809	AN78N05	LINEAR IC	Q373	2SC3063	TRANSISTOR
IC836	AN7912F	LINEAR IC	Q374	2SC3063	TRANSISTOR
IC881	MIP2810001TV	IC (ROGIC)	Q375	2SB1011	TRANSISTOR
IC1105	MC14066BF	MOS IC (LOGIC)	Q376	2SB1011	TRANSISTOR
IC1211	TVRJ301	ROM IC	Q393	2SC3063	TRANSISTOR
IC1212	AN78L05	LINEAR IC	Q394	2SC3063	TRANSISTOR
IC1213	MN1876476TX1	MOS IC (8BIT)	Q395	2SB1011	TRANSISTOR
IC1214	S-80741AL-Z	LINEAR IC	Q396	2SB1011	TRANSISTOR
IC1301	FL1003	MOS IC (GATE ARRAY)	Q401	2SD601A	TRANSISTOR
IC1302	TVSA0330	IC (4MBIT FIFO MEMORY)	Q402	2SD601A	TRANSISTOR
IC1304	TLC2932IPWL	LINEAR IC	Q421	2SD601A	TRANSISTOR
IC1307	MM1065ZMR	LINEAR IC	Q422	2SD601A	TRANSISTOR
IC1502	AN6562	LINEAR IC	Q423	2SB709A	TRANSISTOR
IC1601	TA1270AF	LINEAR IC	Q424	2SD601A	TRANSISTOR
IC1602	TA8772AN	LINEAR IC	Q451	2SC3311A	TRANSISTOR
IC1603	TA1229N	LINEAR IC	Q452	2SD601A	TRANSISTOR
IC1604	LC344250Z	MOS IC (DRAM 1MBIT)	Q453	2SC3311A	TRANSISTOR
IC1605	MN8232A	MOS IC (LOGIC)	Q455	2SC3311A	TRANSISTOR
IC1606	MN6790S	MOS IC (LOGIC)	Q465	2SA1309A	TRANSISTOR
IC1806	CXA1315M	LINEAR IC	Q466	2SC3311A	TRANSISTOR
IC1808	AN5612	LINEAR IC	Q499	2SC3311A	TRANSISTOR
IC2001	MSP3415DP0A1	MOS IC (CMOS S/LOGIC)	Q551	2SD2553LBMA	TRANSISTOR
IC2002	AN78L08	LINEAR IC	Q563	2SA1310	TRANSISTOR
IC2251	AN5265	LINEAR IC	Q580	2SC3311A	TRANSISTOR
IC2301	TA8200AH	LINEAR IC	Q590	2SC4212H	TRANSISTOR
IC2401	BH3865S	LINEAR IC	Q604	2SB709A	TRANSISTOR
IC3001	CXA2069Q	LINEAR IC	Q605	2SB709A	TRANSISTOR
IC3501	SAA5261/222	MOS IC (LOGIC)	Q606	2SB709A	TRANSISTOR
IC3503	24C01AIPB21	MOS IC (EEPROM 1KBIT)	Q607	2SD601A	TRANSISTOR
IC4102	CXA1315M	LINEAR IC	Q608	2SB709A	TRANSISTOR
IC5501	MN82361	MOS IC (LOGIC)	Q609	2SB709A	TRANSISTOR
IC5502	NJM2513M	LINEAR IC	Q610	2SD601A	TRANSISTOR
IC7001	STK392-110	LINEAR IC	Q611	2SD601A	TRANSISTOR
IC7002	STK392-110	LINEAR IC	Q612	2SB709A	TRANSISTOR
IC7101	TVRJ324	ROM IC	Q613	2SD601A	TRANSISTOR
IC7102	SN74HC74NS	MOS IC (CMOS S/LOGIC)	Q614	2SD601A	TRANSISTOR
IC7103	JLC1562BF	MOS IC (MICON LSI)	Q615	2SB709A	TRANSISTOR
IC7104	TLC2932IPWL	LINEAR IC	Q618	2SD601A	TRANSISTOR
IC7105	MC33064D-5R2	LINEAR IC	Q619	2SD601A	TRANSISTOR
IC7106	SC430409CFC	MOS IC (16BIT MICRO)	Q683	2SB709A	TRANSISTOR
IC7107	TVSA0030	MOS IC (CMOS GATE ARRAY)	Q704	2SD1499	TRANSISTOR
IC7108	TVSA0342	IC (SRAM)	Q705	2SC3311A	TRANSISTOR
IC7109	M62354FP	LINEAR IC	Q803	2SC3311A	TRANSISTOR (for TX-43/51P15X)
IC7110	TVSA0036	MOS IC (LOGIC)	Q805	2SA1309A	TRANSISTOR (for TX-43/51P15X)
IC7111	LC78815M	MOS IC (MICON LSI)	Q832	2SA1309A	TRANSISTOR
IC7112	LC78815M	MOS IC (MICON LSI)	Q852	2SD1424	TRANSISTOR
IC7113	LC78815M	MOS IC (MICON LSI)	Q856	2SC3311A	TRANSISTOR
IC7116	UPC4570G2	LINEAR IC	Q857	2SA1309A	TRANSISTOR
IC7117	UPC4570G2	LINEAR IC	Q951	2SC3311A	TRANSISTOR
IC7118	UPC4570G2	LINEAR IC	Q952	2SD601A	TRANSISTOR
IC7120	SN74HC00NS	MOS IC (CMOS S/LOGIC)	Q953	2SB709A	TRANSISTOR
IC9660	SI-3050CA	HYBRID IC	Q954	2SB940	TRANSISTOR
			Q955	2SD1264	TRANSISTOR

Ref. No	Part No.	Description	Ref. No	Part No.	Description
Q956	2SB940	TRANSISTOR	Q1649	2SD601A	TRANSISTOR
Q957	2SD1264	TRANSISTOR	Q1650	2SD601A	TRANSISTOR
Q958	2SD601A	TRANSISTOR	Q1651	2SD601A	TRANSISTOR
Q959	2SD601A	TRANSISTOR	Q1652	2SD601A	TRANSISTOR
Q960	2SB709A	TRANSISTOR	Q1653	2SB709A	TRANSISTOR
Q961	2SD601A	TRANSISTOR	Q1654	2SB709A	TRANSISTOR
Q1003	2SC3311A	TRANSISTOR	Q1655	2SB709A	TRANSISTOR
Q1205	2SB709A	TRANSISTOR	Q1656	2SD601A	TRANSISTOR
Q1206	2SB709A	TRANSISTOR	Q1657	2SD601A	TRANSISTOR
Q1207	2SB709A	TRANSISTOR	Q1658	2SB709A	TRANSISTOR
Q1215	2SD601A	TRANSISTOR	Q1659	2SD601A	TRANSISTOR
Q1216	2SD601A	TRANSISTOR	Q1660	2SB709A	TRANSISTOR
Q1217	2SD601A	TRANSISTOR	Q1661	2SD601A	TRANSISTOR
Q1220	2SD601A	TRANSISTOR	Q1662	2SD601A	TRANSISTOR
Q1221	2SD601A	TRANSISTOR	Q1663	2SB709A	TRANSISTOR
Q1222	2SD601A	TRANSISTOR	Q1664	2SD601A	TRANSISTOR
Q1271	2SB709A	TRANSISTOR	Q1665	2SD601A	TRANSISTOR
Q1272	2SD601A	TRANSISTOR	Q1666	2SD601A	TRANSISTOR
Q1301	2SB709A	TRANSISTOR	Q1830	2SD601A	TRANSISTOR
Q1302	2SD601A	TRANSISTOR	Q1832	2SD601A	TRANSISTOR
Q1303	2SD601A	TRANSISTOR	Q1833	2SD601A	TRANSISTOR
Q1304	2SD601A	TRANSISTOR	Q1834	2SD601A	TRANSISTOR
Q1310	2SB709A	TRANSISTOR	Q1835	2SD601A	TRANSISTOR
Q1311	2SD601A	TRANSISTOR	Q1836	2SD601A	TRANSISTOR
Q1312	2SD601A	TRANSISTOR	Q1850	2SD601A	TRANSISTOR
Q1313	2SD601A	TRANSISTOR	Q1851	2SD601A	TRANSISTOR
Q1320	2SB709A	TRANSISTOR	Q1854	2SD601A	TRANSISTOR
Q1321	2SD601A	TRANSISTOR	Q1855	2SD601A	TRANSISTOR
Q1322	2SD601A	TRANSISTOR	Q1901	2SD601A	TRANSISTOR
Q1323	2SD601A	TRANSISTOR	Q2003	2SB709A	TRANSISTOR
Q1330	2SD601A	TRANSISTOR	Q2004	2SB709A	TRANSISTOR
Q1331	2SB709A	TRANSISTOR	Q2301	2SD601A	TRANSISTOR
Q1335	2SD601A	TRANSISTOR	Q2302	2SB709A	TRANSISTOR
Q1410	2SB709A	TRANSISTOR	Q2303	2SD601A	TRANSISTOR
Q1416	2SD601A	TRANSISTOR	Q2304	2SD601A	TRANSISTOR
Q1417	2SD601A	TRANSISTOR	Q2305	2SD601A	TRANSISTOR
Q1420	2SB709A	TRANSISTOR	Q2306	2SB709A	TRANSISTOR
Q1430	2SB709A	TRANSISTOR	Q2307	2SD601A	TRANSISTOR
Q1431	2SB709A	TRANSISTOR	Q2308	2SD601A	TRANSISTOR
Q1451	2SB709A	TRANSISTOR	Q2309	2SD601A	TRANSISTOR
Q1551	2SA1309A	TRANSISTOR	Q2401	2SD601A	TRANSISTOR
Q1552	2SC4635	TRANSISTOR	Q2402	2SD601A	TRANSISTOR
Q1553	2SC3311A	TRANSISTOR	Q2403	2SD601A	TRANSISTOR
Q1571	2SC1473	TRANSISTOR	Q3001	2SD601A	TRANSISTOR
Q1572	2SC1473	TRANSISTOR	Q3002	2SD601A	TRANSISTOR
Q1581	2SC3311A	TRANSISTOR	Q3003	2SB709A	TRANSISTOR
Q1583	2SA1309A	TRANSISTOR	Q3005	2SD601A	TRANSISTOR
Q1626	2SD601A	TRANSISTOR	Q3006	2SD601A	TRANSISTOR
Q1627	2SD601A	TRANSISTOR	Q3010	2SB709A	TRANSISTOR
Q1628	2SD601A	TRANSISTOR	Q3311	2SD601A	TRANSISTOR
Q1629	2SD601A	TRANSISTOR	Q3312	2SD601A	TRANSISTOR
Q1630	2SD601A	TRANSISTOR	Q3313	2SB709A	TRANSISTOR
Q1631	2SD601A	TRANSISTOR	Q3501	2SD601A	TRANSISTOR
Q1632	2SD601A	TRANSISTOR	Q3503	2SD601A	TRANSISTOR
Q1633	2SD601A	TRANSISTOR	Q3504	2SD601A	TRANSISTOR
Q1634	2SB709A	TRANSISTOR	Q3505	2SD601A	TRANSISTOR
Q1635	2SD601A	TRANSISTOR	Q3506	2SB709A	TRANSISTOR
Q1636	2SD601A	TRANSISTOR	Q3507	2SD601A	TRANSISTOR
Q1637	2SD601A	TRANSISTOR	Q3515	2SD601A	TRANSISTOR
Q1638	2SD601A	TRANSISTOR	Q3523	2SD601A	TRANSISTOR
Q1639	2SB709A	TRANSISTOR	Q3524	2SD601A	TRANSISTOR
Q1640	2SB709A	TRANSISTOR	Q3566	2SD601A	TRANSISTOR
Q1641	2SD601A	TRANSISTOR	Q3570	2SD601A	TRANSISTOR
Q1642	2SD601A	TRANSISTOR	Q3571	2SD601A	TRANSISTOR
Q1643	2SD601A	TRANSISTOR	Q4107	2SD601A	TRANSISTOR
Q1644	2SD601A	TRANSISTOR	Q4108	2SD601A	TRANSISTOR
Q1645	2SD601A	TRANSISTOR	Q4109	2SD601A	TRANSISTOR
Q1646	2SD601A	TRANSISTOR	Q4110	2SD601A	TRANSISTOR
Q1647	2SD601A	TRANSISTOR	Q4111	2SD601A	TRANSISTOR
Q1648	2SD601A	TRANSISTOR	Q4131	2SB709A	TRANSISTOR

Ref. No	Part No.	Description	Ref. No	Part No.	Description
Q4132	2SD601A	TRANSISTOR	D006	MA3150M	ZENER DIODE
Q4141	2SB709A	TRANSISTOR	D007	MA152K	DIODE
Q4142	2SD601A	TRANSISTOR	D052	MA3075M	ZENER DIODE
Q4151	2SB709A	TRANSISTOR	D120	MA73	DIODE
Q4152	2SD601A	TRANSISTOR	D351	TVSEU01N	DIODE
Q4154	2SB709A	TRANSISTOR	D353	MA165	DIODE
Q4155	2SD601A	TRANSISTOR	D354	MA165	DIODE
Q4156	2SB709A	TRANSISTOR	D355	MA165	DIODE
Q4157	2SB709A	TRANSISTOR	D356	MA165	DIODE
Q4158	2SB709A	TRANSISTOR	D357	MA165	DIODE
Q4202	2SD601A	TRANSISTOR	D358	AU01Z	DIODE
Q4251	2SB709A	TRANSISTOR	D359	MA165	DIODE
Q5501	2SB709A	TRANSISTOR	D360	MA165	DIODE
Q5502	2SD601A	TRANSISTOR	D361	MA165	DIODE
Q5503	2SD601A	TRANSISTOR	D371	TVSEU01N	DIODE
Q5504	2SD601A	TRANSISTOR	D373	MA165	DIODE
Q5505	2SB709A	TRANSISTOR	D374	MA165	DIODE
Q5511	2SD601A	TRANSISTOR	D375	MA165	DIODE
Q5515	2SD601A	TRANSISTOR	D376	MA165	DIODE
Q5516	2SB709A	TRANSISTOR	D377	MA165	DIODE
Q5517	2SD601A	TRANSISTOR	D378	AU01Z	DIODE
Q5518	2SD601A	TRANSISTOR	D391	TVSEU01N	DIODE
Q5519	2SD601A	TRANSISTOR	D392	TVSEU01N	DIODE
Q5520	2SD601A	TRANSISTOR	D393	MA165	DIODE
Q5521	2SD601A	TRANSISTOR	D394	MA165	DIODE
Q5522	2SD601A	TRANSISTOR	D395	MA165	DIODE
Q5529	2SD601A	TRANSISTOR	D396	MA165	DIODE
Q5530	2SB709A	TRANSISTOR	D397	MA165	DIODE
Q5536	2SB709A	TRANSISTOR	D398	AU01Z	DIODE
Q5537	2SD601A	TRANSISTOR	D441	MA4033L	ZENER DIODE
Q5538	2SB709A	TRANSISTOR	D450	TVSEM1Z	DIODE
Q5540	2SD601A	TRANSISTOR	D455	MA165	DIODE
Q5541	2SB709A	TRANSISTOR	D456	MA165	DIODE
Q5542	2SD601A	TRANSISTOR	D458	MA165	DIODE
Q5543	2SD601A	TRANSISTOR	D460	MA152K	DIODE
Q5545	2SD601A	TRANSISTOR	D461	MA4390	ZENER DIODE
Q5550	2SD601A	TRANSISTOR	D462	MA4390	ZENER DIODE
Q5551	2SB709A	TRANSISTOR	D463	MA4390	ZENER DIODE
Q6216	2SC3311A	TRANSISTOR	D464	MA165	DIODE
Q7006	2SC3311A	TRANSISTOR	D465	MA165	DIODE
Q7007	2SC3311A	TRANSISTOR	D466	MA165	DIODE
Q7010	2SA1309A	TRANSISTOR	D467	MA165	DIODE
Q7011	2SC1473	TRANSISTOR	D468	MA165	DIODE
Q7103	2SB709A	TRANSISTOR	D551	RH3F	DIODE
Q7104	2SB709A	TRANSISTOR	D552	S2L60	DIODE
Q7105	2SB709A	TRANSISTOR	D553	MA4270M	ZENER DIODE
Q7106	2SD601A	TRANSISTOR	D555	MA4100H	ZENER DIODE
Q7107	2SD601A	TRANSISTOR	D563	MA165	DIODE
Q9601	2SC3311A	TRANSISTOR	D567	MA165	DIODE
Q9602	2SC3311A	TRANSISTOR	D570	ERA18-04	DIODE
Q9603	2SC3311A	TRANSISTOR	D582	AU02	DIODE
Q9604	2SC3311A	TRANSISTOR	D583	RP1H	DIODE
Q9605	2SC3311A	TRANSISTOR	D602	MA3082L	ZENER DIODE
Q9606	2SC3311A	TRANSISTOR	D603	MA3120M	ZENER DIODE
Q9607	2SC3311A	TRANSISTOR	D604	MA170	DIODE
Q9608	2SC3311A	TRANSISTOR	D605	MA170	DIODE
Q9609	2SC3311A	TRANSISTOR	D606	MA3120M	ZENER DIODE
Q9612	2SC3311A	TRANSISTOR	D771	MA4150M	ZENER DIODE
Q9613	2SA1309A	TRANSISTOR	D801	D4SB80Z	DIODE
Q9614	2SC3311A	TRANSISTOR	D802	ERC13-08	DIODE (for TX-43/51P15X)
Q9615	2SC3311A	TRANSISTOR	D804	MA167	DIODE
Q9616	2SA1309A	TRANSISTOR	D806	EG01C	DIODE
Q9617	2SC3311A	TRANSISTOR	Δ D807	TLP721FD4GR	PHOTO COUPLER
Q9618	2SC3311A	TRANSISTOR	Δ D808	ERA15-04	DIODE
Q9660	2SA19610Q0HW	TRANSISTOR	Δ D819	TLP721FD4GR	PHOTO COUPLER
D002	MA3075M	ZENER DIODE	D820	MA4180M	ZENER DIODE
D003	MA3075M	ZENER DIODE	D821	MA4051M	ZENER DIODE (for TX-43/51P15X)
D004	MA3075M	ZENER DIODE	D822	ERC13-08	DIODE (for TX-43/51P15X)
D005	MA3150M	ZENER DIODE	D823	MA2330-A	ZENER DIODE
			D824	ERA15-01	DIODE

Ref. No	Part No.	Description	Ref. No	Part No.	Description
D825	MA2082-A	ZENER DIODE	D2308	MA4360M	ZENER DIODE
D826	MA2082-A	ZENER DIODE	D2310	MA3360M	ZENER DIODE
D827	MA152K	DIODE	D2312	MA3075M	ZENER DIODE
D828	MA165	DIODE (for TX-43/51P15X)	D2313	MA152K	DIODE
D829	EU02	DIODE (for TX-43/51P15X)	D2315	MA3075M	ZENER DIODE
D831	FMLG16S	DIODE	D2317	MA152K	DIODE
D832	MA4104J	ZENER DIODE	D2318	MA152WK	DIODE
D833	MA651	DIODE	D2319	MA152WK	DIODE
D836	FML12S	DIODE	D2321	MA3051L	ZENER DIODE
D837	FML12S	DIODE	D2401	MA152K	DIODE
D842	AK04	DIODE	D3001	MA3140M	ZENER DIODE
D844	MA165	DIODE	D3008	MA3180M	ZENER DIODE
D845	MA165	DIODE	D3065	MA3140M	ZENER DIODE
D846	MA167	DIODE	D3070	MA4110M	ZENER DIODE
D847	AM01Z	DIODE	D3509	MA3082M	ZENER DIODE
D857	MA4150M	ZENER DIODE	D3528	MA152K	DIODE
D859	MA165	DIODE	D3529	MA152K	DIODE
D865	ERA15-01	DIODE	D3530	MA152K	DIODE
D871	ERA22-02	DIODE	D3566	MA152WA	DIODE
D872	ERZV14D511	VARISTOR	D3567	MA152WA	DIODE
D873	ERZV14D511	VARISTOR	D3568	MA152WA	DIODE
Δ D884	TL721FD4GR	PHOTO COUPLER	D3572	MA152K	DIODE
D887	AU01Z	DIODE	D3573	MA152K	DIODE
D890	EU02	DIODE	D3574	MA152K	DIODE
D891	MA165	DIODE	D4101	MA152K	DIODE
D892	MA4082M	ZENER DIODE	D4103	MA152K	DIODE
D893	ERC13-08	DIODE	D4104	MA152K	DIODE
D894	FML12S	DIODE	D4105	MA152K	DIODE
D895	FML12S	DIODE	D4106	MA3056M	ZENER DIODE
D897	MA4180M	ZENER DIODE	D4107	MA152K	DIODE
D898	MA4120M	ZENER DIODE	D4109	MA152K	DIODE
D954	MA4360M	ZENER DIODE	D4110	MA152K	DIODE
D955	MA4360M	ZENER DIODE	D4111	MA152K	DIODE
D956	MA28W	DIODE	D4112	MA152K	DIODE
D957	MA165	DIODE	D4134	MA152K	DIODE
D958	MA165	DIODE	D4144	MA152K	DIODE
D959	MA165	DIODE	D4154	MA152K	DIODE
D960	MA165	DIODE	D6206	MA165	DIODE
D1004	LNH101WHAHFS	LED	D6705	EG01C	DIODE
D1005	MA4051L	ZENER DIODE	D6710	MA2082-A	ZENER DIODE
D1006	MA165	DIODE	D6712	ERC13-08	DIODE
D1007	MA165	DIODE	D6717	ERC13-08	DIODE (for TX-43/51P15H/HQ/HZ)
D1010	MA165	DIODE	D6718	ERC13-08	DIODE (for TX-43/51P15H/HQ/HZ)
D1011	MA165	DIODE	D6751	ERA22-02	DIODE
D1012	MA165	DIODE	D7030	MA165	DIODE
D1013	MA165	DIODE	D9601	MA4110M	ZENER DIODE
D1104	MA3043M	ZENER DIODE	D9660	MA165	DIODE
D1106	MA3075M	ZENER DIODE	D9980	MA165	DIODE
D1108	MA152K	DIODE	D9981	MA165	DIODE
D1111	MA3200M	ZENER DIODE			
D1209	MA152K	DIODE		COILS	
D1211	MA165	DIODE	DL1702	ELB4B104B	DELAY LINE
D1232	MA3068M	ZENER DIODE	L001	ELESE100JA	PEAKING COIL
D1551	MA165	DIODE	L005	EXCELSA35	BEAD CHOKE
D1552	MA29B	DIODE	L006	EXCELSA35	BEAD CHOKE
			L008	EXCELSA35	BEAD CHOKE
D1571	MA165	DIODE	L009	ELJNC22NKB	CHIP COIL
D1581	AS01	DIODE	L011	ELJNC22NKB	CHIP COIL
D1583	MA4062L	ZENER DIODE	L013	ELJNA47NMB	CHIP COIL
D1584	MA4360M	ZENER DIODE	L015	EXCELD35C	BEAD CHOKE
D1585	MA4360M	ZENER DIODE	L051	EXCELD35C	BEAD CHOKE
D1586	MA165	DIODE	L053	EXCELSA35	BEAD CHOKE
D1601	MA152K	DIODE	L054	EXCELSA35	BEAD CHOKE
D1602	MA152K	DIODE	L055	EXCELSA35	BEAD CHOKE
D1701	MA152K	DIODE	L057	TLTACC221J	PEAKING COIL
D1754	MA3068H	ZENER DIODE	L058	TLTACC221J	PEAKING COIL
D1801	MA3110M	ZENER DIODE	L106	EQV7EN206B	INDUCTOR COIL
D2252	MA152K	DIODE	L120	TLTACCR56K	PEAKING COIL
D2302	MA152K	DIODE	L121	TLTACC8R2J	PEAKING COIL
D2303	MA152K	DIODE	L130	TLTACC8R2J	PEAKING COIL
D2306	MA3360M	ZENER DIODE	L131	TLTACC8R2J	PEAKING COIL

Ref. No	Part No.	Description	Ref. No	Part No.	Description
L150	TLTACC151J	PEAKING COIL	L861	TALL08N220KA	INDUCTION COIL
L181	TLTACC100J	PEAKING COIL	L862	TALL08N220KA	INDUCTION COIL
L182	TLTACC150J	PEAKING COIL	L863	EXCELSA35	BEAD CHOKE
L183	TLTACC150J	PEAKING COIL	L864	EXCELD35C	BEAD CHOKE
L184	TLTACC270J	PEAKING COIL	L865	EXCELD35C	BEAD CHOKE
L351	ELEBD101KA	PEAKING COIL	L866	EXCELD35C	BEAD CHOKE
L352	ELESE820KA	PEAKING COIL	Δ L870	ELF24V018A	LINE FILTER
L353	ELESE820KA	PEAKING COIL			(for TX-43/51P15H/HQ/HZ)
L354	ELESE820KA	PEAKING COIL	Δ L870	ELF24V030A	LINE FILTER
L355	ERDS1FJ471	C470 OHM J1/2W			(for TX-43/51P15X)
L371	ELEBD101KA	PEAKING COIL	Δ L871	ELF24V132B	LINE FILTER
L372	ELESE820KA	PEAKING COIL			(for TX-43/51P15X)
L373	ELESE820KA	PEAKING COIL	Δ L872	ELF21N018A	LINE FILTER
L374	ELESE820KA	PEAKING COIL			(for TX-43/51P15H/HQ/HZ)
L375	ERDS1FJ471	C470 OHM J1/2W	Δ L872	ELF24V030A	LINE FILTER (for TX-43/51P15X)
L376	ELEBD101KA	PEAKING COIL	L880	EXCELSA35	BEAD CHOKE
L391	ELEBD101KA	PEAKING COIL	L890	TSKA125	BEAD CHOKE
L392	ELESE820KA	PEAKING COIL	L953	EXCELSA35	BEAD CHOKE
L393	ELESE820KA	PEAKING COIL	L954	EXCELSA35	BEAD CHOKE
L394	ELESE820KA	PEAKING COIL	L956	ELESE101JA	PEAKING COIL
L395	ERDS1FJ471	C470 OHM J1/2W	L960	ELESE1R0KA	PEAKING COIL
L441	ELESE151JA	PEAKING COIL	L1001	EXCELSA35	BEAD CHOKE
L452	TSKA125	BEAD CHOKE	L1002	EXCELSA35	BEAD CHOKE
L453	EXCELSA39	BEAD CHOKE	L1131	ELEXH100KA	PEAKING COIL
L454	EXCELSA39	BEAD CHOKE	L1132	ELEXH100KA	PEAKING COIL
L549	EXCELD35C	BEAD CHOKE	L1136	ELEXH100KA	PEAKING COIL
L552	EXCELSA35	BEAD CHOKE	L1137	ELEXH100KA	PEAKING COIL
L553	EXCELSA35	BEAD CHOKE	L1208	EXCELSA24	BEAD CHOKE
L607	ELJFC2R2KB	INDUCTION COIL	L1236	EXCELSA35	BEAD CHOKE
L608	EXCELSA35	BEAD CHOKE	L1237	EXCELSA35	BEAD CHOKE
L609	ELJFC101KB	INDUCTION COIL	L1238	EXCELSA35	BEAD CHOKE
L612	ELESE220JA	PEAKING COIL	L1239	ELESE100JA	PEAKING COIL
L708	ELESE101JA	PEAKING COIL	L1240	ELESE100JA	PEAKING COIL
L751	ELC18B030	CHOKE COIL	L1241	ELEXH100KA	PEAKING COIL
L805	EXCELSA39	BEAD CHOKE	L1243	ELEXH100KA	PEAKING COIL
L808	EXCELSA35	BEAD CHOKE	L1244	ELEXH100KA	PEAKING COIL
L812	TALL08N100KA	INDUCTION COIL	L1247	ELEXH100KA	PEAKING COIL
L816	EXCELSA35	BEAD CHOKE	L1248	ELEXH100KA	PEAKING COIL
L821	EXCELSA35	BEAD CHOKE	L1249	ELEXH100KA	PEAKING COIL
L822	EXCELSA35	BEAD CHOKE	L1252	ELEXH100KA	PEAKING COIL
L823	EXCELSA35	BEAD CHOKE	L1254	ELEXH100KA	PEAKING COIL
L830	EXCELSA35	BEAD CHOKE	L1255	ELEXH100KA	PEAKING COIL
L831	TALL08N470KA	INDUCTION COIL	L1257	ELEXH100KA	PEAKING COIL
L832	EXCELSA35	BEAD CHOKE	L1258	ELEXH100KA	PEAKING COIL
L834	TALL08N680KA	INDUCTION COIL	L1259	ELEXH4R7KA	PEAKING COIL
L835	EXCELSA35	BEAD CHOKE	L1260	ELEXH100KA	PEAKING COIL
L836	EXCELSA35	BEAD CHOKE	L1261	ELEXH100KA	PEAKING COIL
L837	EXCELSA35	BEAD CHOKE	L1263	ELEXH100KA	PEAKING COIL
L838	EXCELSA39	BEAD CHOKE	L1264	ELEXH4R7KA	PEAKING COIL
L839	EXCELSA35	BEAD CHOKE	L1267	ELEXH560KA	PEAKING COIL
L840	EXCELSA35	BEAD CHOKE	L1269	ELEXH100KA	PEAKING COIL
L841	EXCELSA35	BEAD CHOKE	L1271	ELEXH100KA	PEAKING COIL
L843	TALL08N470KA	INDUCTION COIL	L1272	ELEXH100KA	PEAKING COIL
L844	TALL08N470KA	INDUCTION COIL	L1273	ELEXH100KA	PEAKING COIL
L845	TALL08N470KA	INDUCTION COIL	L1274	ELEXH100KA	PEAKING COIL
L846	TALL08N680KA	INDUCTION COIL	L1301	ELESE470JA	PEAKING COIL
L847	TAL10RP221LB	INDUCTION COIL	L1310	ELESE100JA	PEAKING COIL
L848	TALL08N470KA	INDUCTION COIL	L1311	ELESE470JA	PEAKING COIL
L849	TAL10RP221LB	INDUCTION COIL	L1312	ELESE470JA	PEAKING COIL
L850	EXCELSA35	BEAD CHOKE	L1320	ELESE470JA	PEAKING COIL
L851	EXCELSA35	BEAD CHOKE	L1321	ELESE470JA	PEAKING COIL
L852	TALL08N470KA	INDUCTION COIL	L1401	ELESE470JA	PEAKING COIL
L853	EXCELSA35	BEAD CHOKE	L1410	ELESE100JA	PEAKING COIL
L854	EXCELSA35	BEAD CHOKE	L1411	ELESE100JA	PEAKING COIL
L855	EXCELSA35	BEAD CHOKE	L1603	ELESE270JA	PEAKING COIL
L856	EXCELSA39	BEAD CHOKE	L1604	EXCELD25C	BEAD CHOKE
L857	EXCELSA35	BEAD CHOKE	L1606	TLTACC102J	PEAKING COIL
L858	EXCELSA35	BEAD CHOKE	L1608	ELESE4R7JA	PEAKING COIL
L859	EXCELSA35	BEAD CHOKE	L1609	ELESE4R7JA	PEAKING COIL
L860	EXCELSA35	BEAD CHOKE	L1708	TSKA125	BEAD CHOKE

Ref. No	Part No.	Description				
R170	ERJ6GEYJ563	M	56KOHM	J	1/10W	
R171	ERJ6GEYJ333	M	33KOHM	J	1/10W	
R176	ERJ6GEYJ104	M	100KOHM	J	1/10W	
R177	ERJ6GEYJ124	M	120KOHM	J	1/10W	
R180	ERJ6ENF2200	M	220 OHM		1/10W	
R181	ERJ6ENF3300	M	330 OHM		1/10W	
R182	ERJ6ENF3300	M	330 OHM		1/10W	
R183	ERJ6ENF5600	M	560 OHM		1/10W	
R185	ERJ6ENF1001	M	1KOHM		1/10W	
R186	ERJ6GEYJ102	M	1KOHM	J	1/10W	
R187	ERJ6ENF1001	M	1KOHM		1/10W	
R188	ERJ6GEYJ271	M	270 OHM	J	1/10W	
R189	ERJ6GEYJ101	M	100 OHM	J	1/10W	
R193	ERJ6GEYJ272	M	2.7KOHM	J	1/10W	
R194	ERJ6GEYJ272	M	2.7KOHM	J	1/10W	
R301	ERJ6GEYJ274	M	270KOHM	J	1/10W	
R307	ERJ6GEYJ392	M	3.9KOHM	J	1/10W	
R355	ERDS1TJ471	C	470 OHM	J	1/2W	
R356	ERDS2TJ103	C	10KOHM	J	1/4W	
R358	ERDS2TJ682	C	6.8KOHM	J	1/4W	
R359	ERDS2TJ472	C	4.7KOHM	J	1/4W	
R360	ER0S2CKF3901	M	3.9KOHM	F	1/4W	
R362	ERC12GK102	S	1KOHM	K	1/2W	
R363	ERG3FJ562	M	5.6KOHM	J	3W	
R364	ERG3FJ562	M	5.6KOHM	J	3W	
R365	ERDS2TJ822	C	8.2KOHM	J	1/4W	
R366	ERDS1FJ391	C	390 OHM	J	1/2W	
R367	ERDS1FJ391	C	390 OHM	J	1/2W	
R368	ERDS1FJ330	C	33 OHM	J	1/2W	
R369	ERDS1FJ330	C	33 OHM	J	1/2W	
R370	ER0S2CKF3301	M	3.3KOHM	F	1/4W	
R372	ERC12GK102	S	1KOHM	K	1/2W	
R373	ERG3FJ562	M	5.6KOHM	J	3W	
R374	ERG3FJ562	M	5.6KOHM	J	3W	
R375	ERDS1TJ471	C	470 OHM	J	1/2W	
R376	ERD25FJ103	C	10KOHM	J	1/4W	
R377	ERDS2TJ105	C	1MOHM	J	1/4W	
R378	ERDS2TJ682	C	6.8KOHM	J	1/4W	
R379	ERDS2TJ472	C	4.7KOHM	J	1/4W	
R380	ER0S2CKF3901	M	3.9KOHM	F	1/4W	
R382	ERC12GK102	S	1KOHM	K	1/2W	
R383	ERG3FJ562	M	5.6KOHM	J	3W	
R384	ERG3FJ562	M	5.6KOHM	J	3W	
R385	ERDS2TJ822	C	8.2KOHM	J	1/4W	
R386	ERDS1FJ391	C	390 OHM	J	1/2W	
R387	ERDS1FJ391	C	390 OHM	J	1/2W	
R388	ERDS1FJ330	C	33 OHM	J	1/2W	
R389	ERDS1FJ330	C	33 OHM	J	1/2W	
R390	ERDS2TJ822	C	8.2KOHM	J	1/4W	
R391	ERDS1FJ391	C	390 OHM	J	1/2W	
R392	ERDS1FJ391	C	390 OHM	J	1/2W	
R393	ERDS1FJ330	C	33 OHM	J	1/2W	
R394	ERDS1FJ330	C	33 OHM	J	1/2W	
R395	ERDS1TJ471	C	470 OHM	J	1/2W	
R396	ERD25FJ103	C	10KOHM	J	1/4W	
R398	ERDS2TJ682	C	6.8KOHM	J	1/4W	
R399	ERDS2TJ472	C	4.7KOHM	J	1/4W	
R402	ERJ6GEYJ273	M	27KOHM	J	1/10W	
R403	ERJ6GEYJ102	M	1KOHM	J	1/10W	
R404	ERJ6GEYJ103	M	10KOHM	J	1/10W	
R408	ERJ6GEYJ473	M	47KOHM	J	1/10W	
R409	ERJ6GEYJ223	M	22KOHM	J	1/10W	
R410	ERJ6GEYJ103	M	10KOHM	J	1/10W	
R411	ERJ6GEYJ473	M	47KOHM	J	1/10W	
R421	ERJ6GEYJ153	M	15KOHM	J	1/10W	
R422	ERJ6GEYJ682	M	6.8KOHM	J	1/10W	
R423	ERJ6GEYJ471	M	470 OHM	J	1/10W	
R424	ERJ6GEYJ562	M	5.6KOHM	J	1/10W	
R425	ERJ6GEYJ102	M	1KOHM	J	1/10W	
R427	ERJ6GEYJ222	M	2.2KOHM	J	1/10W	
R429	ERJ6GEYJ222	M	2.2KOHM	J	1/10W	
R431	ERJ6GEYJ471	M	470 OHM	J	1/10W	
R432	ERJ6GEYJ152	M	1.5KOHM	J	1/10W	
R441	ERDS2TJ561	C	560 OHM	J	1/4W	
R445	ERDS2TJ684	C	680KOHM	J	1/4W	
R450	ERDS2TJ821	C	820 OHM	J	1/4W	
R451	ERDS2TJ394	C	390KOHM	J	1/4W	
R452	ERDS2TJ223	C	22KOHM	J	1/4W	
R453	ERDS2TJ473	C	47KOHM	J	1/4W	
R454	ER0S2CKF2R00	M	2.0 OHM	F	1/4W	
R455	ERDS2TJ683	C	68KOHM	J	1/4W	
R456	ERG3FJS391D	M	390 OHM	J	3W	
R460	ERDS2TJ103	C	10KOHM	J	1/4W	
R461	ERDS2TJ103	C	10KOHM	J	1/4W	
R462	ER0S2CKF2R00	M	2.0 OHM	F	1/4W	
R463	ERDS2TJ123	C	12KOHM	J	1/4W	
R464	ERDS2TJ122	C	1.2KOHM	J	1/4W	
R465	ERG1FJS681D	M	680 OHM	J	1W	
R469	ERDS2TJ123	C	12KOHM	J	1/4W	
R470	ERDS2TJ332	C	3.3KOHM	J	1/4W	
R471	ERDS2TJ564	C	560KOHM	J	1/4W	
R472	ERDS2TJ153	C	15KOHM	J	1/4W	
R473	ERDS2TJ471	C	470 OHM	J	1/4W	
R476	ER0S2CKF4701	M	4.7KOHM	F	1/4W	
R477	ER0S2CKF1202	M	12KOHM	F	1/4W	
R478	ER0S2CKF3242	M	32.4KOHM	F	1/4W	
R479	ER0S2CKF1502	M	15KOHM	F	1/4W	
R480	ERG1FJS471D	M	470 OHM	J	1W	
R482	ER0S2CKF7151	M	7.15KOHM	F	1/4W	
R483	ER0S2CKF1601	M	1.6KOHM	F	1/4W	
R484	ER0S2CKF1871	M	1.87KOHM	F	1/4W	
R485	ERDS2TJ472	C	4.7KOHM	J	1/4W	
R486	ERDS2TJ682	C	6.8KOHM	J	1/4W	
R487	ERDS2TJ102	C	1KOHM	J	1/4W	
R488	ERDS2TJ103	C	10KOHM	J	1/4W	
R490	ERDS2TJ103	C	10KOHM	J	1/4W	
R492	ERDS2TJ392	C	3.9KOHM	J	1/4W	
R493	ERDS2TJ153	C	15KOHM	J	1/4W	
R494	ERJ6GEYJ472	M	4.7KOHM	J	1/10W	
R495	ERDS2TJ473	C	47KOHM	J	1/4W	
R496	ERJ6GEYJ102	M	1KOHM	J	1/10W	
R497	ERJ6GEYJ222	M	2.2KOHM	J	1/10W	
R498	ERDS2TJ102	C	1KOHM	J	1/4W	
R499	ERDS2TJ182	C	1.8KOHM	J	1/4W	
R502	ERJ6ENF6041	M	6.04KOHM		1/10W	
R503	ERJ6GEYJ155	M	1.5MOHM	J	1/10W	
R504	ERJ6ENF8200	M	820 OHM		1/10W	
R505	ERJ6GEYJ392	M	3.9KOHM	J	1/10W	
R506	ERJ6GEYJ752	M	7.5KOHM	J	1/10W	
R507	ERJ6GEYJ151	M	150 OHM	J	1/10W	
R508	ERJ6GEYJ153	M	15KOHM	J	1/10W	
R509	ERJ6GEYJ471	M	470 OHM	J	1/10W	
R510	ERJ6GEYJ103	M	10KOHM	J	1/10W	
R514	ERJ6GEYJ102	M	1KOHM	J	1/10W	
R515	ERJ6GEYJ151	M	150 OHM	J	1/10W	
R538	ERJ6GEYJ272	M	2.7KOHM	J	1/10W	
R543	ERDS2TJ102	C	1KOHM	J	1/4W	
R546	ERDS2TJ333	C	33KOHM	J	1/4W	
R557	ERDS2TJ331	C	330 OHM	J	1/4W	
R558	ERDS2TJ331	C	330 OHM	J	1/4W	
R559	ERDS2TJ331	C	330 OHM	J	1/4W	
R561	ER0S2CKF1002	M	10KOHM	F	1/4W	
R562	ER0S2CKF4752	M	4.75KOHM	F	1/4W	
R563	ER0S2CKF4752	M	4.75KOHM	F	1/4W	
R568	ER0S2CKF2740	M	274 OHM	F	1/4W	
R569	ERDS2TJ123	C	12KOHM	J	1/4W	
R570	ERDS2TC0	C	0 OHM		1/4W	
R575	ERDS2TJ273	C	27KOHM	J	1/4W	
R576	ERDS2TJ103	C	10KOHM	J	1/4W	
R577	ERDS2TJ222	C	2.2KOHM	J	1/4W	

Ref. No	Part No.	Description
Δ	R581	ERDS2TJ104 C 100KOHM J 1/4W
	R583	ERQ2CJP1R2S F 1.2 OHM J 2W
Δ	R584	ERQ12HKR33 F 0.33 OHM K 1/2W
	R585	ERG2SJ471H M 470 OHM J 2W
	R590	ERF5ZK2R W 2.2 OHM K 5W
	R593	ERDS2TJ101 C 100 OHM J 1/4W
	R594	ERDS2TJ221 C 220 OHM J 1/4W
	R595	ERG3SJ332H M 3.3KOHM J 3W
Δ	R596	ERQ3CJ182 F 1.8KOHM J 3W
	R613	ERJ6GEYJ273 M 27KOHM J 1/10W
	R614	ERJ6GEYJ682 M 6.8KOHM J 1/10W
	R615	ERJ6GEYJ103 M 10KOHM J 1/10W
	R616	ERJ6GEYJ101 M 100 OHM J 1/10W
	R617	ERJ6GEYJ102 M 1KOHM J 1/10W
	R618	ERJ6GEYJ272 M 2.7KOHM J 1/10W
	R619	ERJ6GEYJ392 M 3.9KOHM J 1/10W
	R620	ERDS2TJ151 C 150 OHM J 1/4W
	R621	ERJ6GEYJ151 M 150 OHM J 1/10W
	R625	ERJ6GEYJ272 M 2.7KOHM J 1/10W
	R626	ERJ6GEYJ151 M 150 OHM J 1/10W
	R627	ERJ6GEYJ272 M 2.7KOHM J 1/10W
	R628	ERJ6GEYJ272 M 2.7KOHM J 1/10W
	R629	ERJ6GEYJ103 M 10KOHM J 1/10W
	R634	ERJ6GEYJ152 M 1.5KOHM J 1/10W
	R636	ERJ6GEYJ103 M 10KOHM J 1/10W
	R637	ERJ6GEYJ471 M 470 OHM J 1/10W
	R640	ERJ6GEYJ123 M 12KOHM J 1/10W
	R641	ERJ6GEYJ272 M 2.7KOHM J 1/10W
	R642	ERJ6GEYJ562 M 5.6KOHM J 1/10W
	R643	ERJ6GEYJ151 M 150 OHM J 1/10W
	R644	ERJ6GEYJ102 M 1KOHM J 1/10W
	R652	ERJ6GEYJ101 M 100 OHM J 1/10W
	R653	ERJ6GEYJ392 M 3.9KOHM J 1/10W
	R654	ERJ6GEYJ101 M 100 OHM J 1/10W
	R655	ERJ6GEYJ392 M 3.9KOHM J 1/10W
	R662	ERJ6GEYJ102 M 1KOHM J 1/10W
	R667	ERJ6GEYJ222 M 2.2KOHM J 1/10W
	R668	ERJ6GEYJ473 M 47KOHM J 1/10W
	R669	ERJ6GEYJ222 M 2.2KOHM J 1/10W
	R679	ERJ6GEYJ393 M 39KOHM J 1/10W
	R680	ERJ6GEYJ104 M 100KOHM J 1/10W
	R685	ERJ6GEYJ682 M 6.8KOHM J 1/10W
	R686	ERJ6GEYJ223 M 22KOHM J 1/10W
	R689	ERJ6GEYJ151 M 150 OHM J 1/10W
	R690	ERJ6GEYJ471 M 470 OHM J 1/10W
	R691	ERJ6GEYJ222 M 2.2KOHM J 1/10W
	R693	ERJ6ENF5102 M 51KOHM 1/10W
	R694	ERJ6GEYJ102 M 1KOHM J 1/10W
	R695	ERJ6ENF1002 M 10KOHM 1/10W
	R696	ERJ6GEYJ102 M 1KOHM J 1/10W
	R760	ERDS2TJ392 C 3.9KOHM J 1/4W
	R761	ERDS2TJ471 C 470 OHM J 1/4W
	R762	ERDS1FJ182 C 1.8KOHM J 1/2W
Δ	R763	ERQ2CJ270 F 27 OHM J 2W
	R764	ERDS2TJ471 C 470 OHM J 1/4W
	R765	ERDS2TJ102 C 1KOHM J 1/4W
	R766	ERDS2TJ471 C 470 OHM J 1/4W
	R771	ERG3FJS153D M 15KOHM J 3W
	R772	ERDS2TJ331 C 330 OHM J 1/4W
	R773	ERDS2TJ223 C 22KOHM J 1/4W
	R774	ERDS2TJ562 C 5.6KOHM J 1/4W
	R775	ERDS2TJ102 C 1KOHM J 1/4W
	R777	ERDS1FJ1R0 C 1 OHM J 1/2W
	R778	ERDS2TJ471 C 470 OHM J 1/4W
	R780	ERDS2TJ471 C 470 OHM J 1/4W
	R781	ERDS2TJ102 C 1KOHM J 1/4W
	R801	ERF10ZK2R7 W 2.7 OHM 10W
	R804	ERG2FJS183D M 18KOHM J 2W
	R805	ERG3FJS470D M 470HM J 3W (for TX-43/51P15X)

Ref. No	Part No.	Description
	R807	ERDS2TJ332 C 3.3KOHM J 1/4W
	R808	ERG5FJ273H M 27KOHM J 5W
	R809	ERX12SJR22P M 0.22 OHM J 1/2W
	R810	ERX12SJR22P M 0.22 OHM J 1/2W
	R811	ERDS2TJ391 C 390 OHM J 1/4W
Δ	R812	ERQ14AJ471P F 470 OHM J 1/4W
	R813	ERDS2TJ222 C 2.2KOHM J 1/4W
	R814	ERDS2TJ332 C 3.3KOHM J 1/4W
Δ	R815	ERD75TAJ825 C 8.2MOHM J 3/4W
	R816	ERG2FJS333D M 33KOHM J 2W
	R817	ERG2FJS333D M 33KOHM J 2W
	R818	ERDS2TJ332 C 3.3KOHM J 1/4W
	R819	ERDS2TJ3R3 C 3.3 OHM J 1/4W
	R820	ERJ6GEYJ103 M 10KOHM J 1/10W
	R827	ERG3FJS220D M 22 OHM J 3W
	R828	ERJ6ENF61R9 61.9 OHM 1/ 10W
	R829	ERJ6ENF1911 M 1.91KOHM 1/10W
	R830	ER0S2CKF1503 M 150KOHM F 1/4W
	R831	ER0S2CKF1152 M 11.5KOHM F 1/4W
	R832	ERDS1FJ391 C 390 OHM J 1/2W
	R834	ERG3FJS100D M 10 OHM J 3W
	R837	ERDS2TJ333 M 33KOHM L 1/4W (for TX-43/51P15X)
	R838	ERG2FJS183D M 18KOHM J 2W
	R839	ERDS2TJ333 M 33KOHM J 1/4W (for TX-43/51P15X)
	R840	ERDS2TJ152 C 1.5KOHM J 1/4W
	R841	ERDS1FJ270 C 27 OHM J 1/2W
	R843	ERDS2TJ561 C 560 OHM J 1/4W
	R845	ERDS2TJ103 M 33KOHM J 1/4W (for TX-43/51P15X)
	R846	ERDS2TJ102 M 1KOHM J 1/4W (for TX-43/51P15X)
	R849	ERDS2TJ393 M 39KOHM J 1/4W (for TX-43/51P15X)
	R853	ERDS2TJ103 C 10KOHM J 1/4W
	R854	ERDS2TJ223 C 22KOHM J 1/4W
	R856	ERDS2TJ822 C 8.2KOHM J 1/4W
	R857	ERDS2TJ272 C 2.7KOHM J 1/4W
	R858	ERDS2TJ103 C 10KOHM J 1/4W
	R859	ERDS2TJ103 C 10KOHM J 1/4W
	R865	ERDS2TJ562 C 5.6KOHM J 1/4W
	R866	ERDS2TJ103 C 10KOHM J 1/4W
	R867	ERDS2TJ223 C 22KOHM J 1/4W
	R870	ERC12ZGK335 S 3.3MOHM K 1/2W
	R879	ERDS2TJ101 C 100 OHM J 1/4W
	R880	TSF19632 PROTECTOR
	R882	ERDS2TJ101 C 100 OHM J 1/4W
	R883	ERG1FJS104D M 100KOHM J 1W
	R884	ERDS2TJ561 C 560 OHM J 1/4W
	R889	ERX12SJR22P M 0.22 OHM J 1/2W
	R890	ERDS1FJ102 C 1KOHM J 1/2W
	R891	ERDS1FJ122 C 1.2KOHM J 1/2W
	R892	ERDS2TJ183 C 18KOHM J 1/4W
	R893	ERDS2TJ682 C 6.8KOHM J 1/4W
	R894	ERDS2TJ182 C 1.8KOHM J 1/4W
	R941	ERJ6GEYJ101 M 100 OHM J 1/10W
	R942	ERJ6GEYJ123 M 12KOHM J 1/10W
	R943	ERJ6GEYJ222 M 2.2KOHM J 1/10W
	R944	ERJ6GEYJ331 M 330 OHM J 1/10W
	R945	ERJ6GEYJ152 M 1.5KOHM J 1/10W
	R946	ERJ6GEYJ471 M 470 OHM J 1/10W
	R947	ERJ6GEYJ821 M 820 OHM J 1/10W
	R948	ERJ6GEYJ222 M 2.2KOHM J 1/10W
	R949	ERJ6GEYJ222 M 2.2KOHM J 1/10W
	R950	ERJ6GEYJ560 M 56 OHM J 1/10W
	R951	ERJ6GEYJ103 M 10KOHM J 1/10W
	R952	ERJ6GEYJ182 M 1.8KOHM J 1/10W
	R955	ERJ6GEYJ152 M 1.5KOHM J 1/10W
	R956	ERJ6GEY0R00 M 0 OHM J 1/10W
	R958	ERJ6GEYJ301 M 300 OHM J 1/10W

[illegible]

Ref. No	Part No.	Description	Ref. No	Part No.	Description
R1308	ERJ6GEYJ102	M 1KOHM J 1/10W	R1425	ERJ6ENF47R0	M 47 OHM 1/10W
R1310	ERJ6GEYJ151	M 150 OHM J 1/10W	R1427	ERJ6GEY0R00	M 0 OHM J 1/10W
R1311	ERJ6GEYJ272	M 2.7KOHM J 1/10W	R1428	ERJ6GEYJ560	M 56 OHM J 1/10W
R1312	ERJ6ENF1820	M 182 OHM 1/10W	R1430	ERJ6GEYJ103	M 10KOHM J 1/10W
R1313	ERJ6ENF8660	M 866 OHM 1/10W	R1431	ERJ6GEYJ392	M 3.9KOHM J 1/10W
R1314	ERJ6GEYJ272	M 2.7KOHM J 1/10W	R1440	ERJ6GEYJ390	M 39 OHM J 1/10W
R1320	ERJ6GEYJ560	M 56 OHM J 1/10W	R1441	ERJ6GEYJ151	M 150 OHM J 1/10W
R1322	ERJ6GEYJ332	M 3.3KOHM J 1/10W	R1442	ERJ6GEYJ272	M 2.7KOHM J 1/10W
R1323	ERJ6GEYJ183	M 18KOHM J 1/10W	R1443	ERJ6GEYJ560	M 56 OHM J 1/10W
R1324	ERJ6GEYJ822	M 8.2KOHM J 1/10W	R1450	ERJ6GEYJ510	M 51 OHM J 1/10W
R1325	ERJ6ENF4531	M 4.53KOHM 1/10W	R1451	ERJ6GEYJ151	M 150 OHM J 1/10W
R1326	ERJ6ENF1501	M 1.5KOHM 1/10W	R1453	ERJ6GEYJ272	M 2.7KOHM J 1/10W
R1327	ERJ6ENF1501	M 1.5KOHM 1/10W	R1461	ERJ6GEYJ560	M 56 OHM J 1/10W
R1330	ERJ6GEYJ151	M 150 OHM J 1/10W	R1465	ERJ6GEYJ390	M 39 OHM J 1/10W
R1331	ERJ6GEYJ332	M 3.3KOHM J 1/10W	R1466	ERJ6GEYJ151	M 150 OHM J 1/10W
R1332	ERJ6ENF1651	M 1.65KOHM 1/10W	R1468	ERJ6GEYJ332	M 3.3KOHM J 1/10W
R1333	ERJ6ENF5231	M 5.23KOHM 1/10W	R1469	ERJ6GEYJ183	M 18KOHM J 1/10W
R1334	ERJ6GEYJ332	M 3.3KOHM J 1/10W	R1470	ERJ6GEYJ752	M 7.5KOHM J 1/10W
R1340	ERJ6GEYJ560	M 56 OHM J 1/10W	R1471	ERJ6GEYJ562	M 5.6KOHM J 1/10W
R1342	ERJ6GEYJ332	M 3.3KOHM J 1/10W	R1472	ERJ6GEYJ122	M 1.2KOHM J 1/10W
R1343	ERJ6GEYJ183	M 18KOHM J 1/10W	R1473	ERJ6GEYJ122	M 1.2KOHM J 1/10W
R1344	ERJ6GEYJ822	M 8.2KOHM J 1/10W	R1474	ERJ6GEYJ151	M 150 OHM J 1/10W
R1345	ERJ6ENF4531	M 4.53KOHM 1/10W	R1475	ERJ6GEYJ102	M 1KOHM J 1/10W
R1346	ERJ6ENF1501	M 1.5KOHM 1/10W	R1476	ERJ6GEYJ560	M 56 OHM J 1/10W
R1347	ERJ6ENF1501	M 1.5KOHM 1/10W	R1480	ERJ6GEYJ390	M 39 OHM J 1/10W
R1350	ERJ6GEYJ151	M 150 OHM J 1/10W	R1481	ERJ6GEYJ151	M 150 OHM J 1/10W
R1351	ERJ6GEYJ332	M 3.3KOHM J 1/10W	R1483	ERJ6GEYJ332	M 3.3KOHM J 1/10W
R1352	ERJ6ENF1651	M 1.65KOHM 1/10W	R1491	ERJ6GEYJ560	M 56 OHM J 1/10W
R1353	ERJ6ENF5231	M 5.23KOHM 1/10W	R1501	EVN32CA00B14	CONTROL 10KOHMB
R1354	ERJ6GEYJ332	M 3.3KOHM J 1/10W	R1507	ERDS2TJ103	C 10KOHM J 1/4W
R1360	ERJ6GEYJ222	M 2.2KOHM J 1/10W	R1508	ERDS2TJ182	C 1.8KOHM J 1/4W
R1361	ERJ6GEYJ152	M 1.5KOHM J 1/10W	R1515	ERDS2TJ392	C 3.9KOHM J 1/4W
R1362	ERJ6GEYJ821	M 820 OHM J 1/10W	R1516	ERDS2TJ562	C 5.6KOHM J 1/4W
R1365	ERJ6GEYJ224	M 220KOHM J 1/10W	R1524	ERDS2TJ683	C 68KOHM J 1/4W
R1366	ERJ6GEYJ333	M 33KOHM J 1/10W	R1531	ERDS2TJ103	C 10KOHM J 1/4W
R1367	ERJ6GEYJ822	M 8.2KOHM J 1/10W	R1532	ERDS2TJ473	C 47KOHM J 1/4W
R1368	ERJ6GEYJ224	M 220KOHM J 1/10W	R1533	ERDS2TJ101	C 100 OHM J 1/4W
R1369	ERJ6GEYJ333	M 33KOHM J 1/10W	R1542	ERDS2TJ223	C 22KOHM J 1/4W
R1370	ERJ6GEYJ822	M 8.2KOHM J 1/10W	R1544	ERJ6GEYJ102	M 1KOHM J 1/10W
R1371	ERJ6GEYJ224	M 220KOHM J 1/10W	R1551	ERDS2TJ473	C 47KOHM J 1/4W
R1372	ERJ6GEYJ333	M 33KOHM J 1/10W	R1553	ERDS2TJ123	C 12KOHM J 1/4W
R1373	ERJ6GEYJ822	M 8.2KOHM J 1/10W	R1554	ER0S2CKF2742	M 27.4KOHM F 1/4W
R1375	ERJ6GEYJ332	M 3.3KOHM J 1/10W	R1555	ER0S2CKF2741	M 2.74KOHM F 1/4W
R1376	ERJ6GEYJ182	M 1.8KOHM J 1/10W	R1556	ERDS2TJ101	C 100 OHM J 1/4W
R1378	ERJ6GEYJ392	M 3.9KOHM J 1/10W	R1557	ER0S2CKF3321	M 3.32KOHM F 1/4W
R1385	ERJ6GEYJ560	M 56 OHM J 1/10W	R1558	ERDS2TJ101	C 100 OHM J 1/4W
R1386	ERJ6GEYJ391	M 390 OHM J 1/10W	R1559	ERDS2TJ221	C 220 OHM J 1/4W
R1387	ERJ6GEYJ220	M 22 OHM J 1/10W	R1560	ERDS2TJ221	C 220 OHM J 1/4W
R1388	ERJ6GEYJ220	M 22 OHM J 1/10W	R1561	ERDS2TJ182	C 1.8KOHM J 1/4W
R1389	ERJ6GEYJ560	M 56 OHM J 1/10W	R1562	ERDS2TJ104	C 100KOHM J 1/4W
R1390	ERJ6GEYJ391	M 390 OHM J 1/10W	R1563	ERG2SJ683	M 68KOHM J 2W
R1391	ERJ6GEYJ391	M 390 OHM J 1/10W	R1564	ERG2SJ683	M 68KOHM J 2W
R1392	ERJ6GEYJ391	M 390 OHM J 1/10W	R1565	ERG2SJ683	M 68KOHM J 2W
R1393	ERJ6GEYJ560	M 56 OHM J 1/10W	R1566	ERG2SJ683	M 68KOHM J 2W
R1394	ERJ6GEYJ151	M 150 OHM J 1/10W	R1568	ERC12GK333	S 33KOHM K 1/2W
R1395	ERJ6GEYJ560	M 56 OHM J 1/10W	R1571	ERDS2TJ471	C 470 OHM J 1/4W
R1396	ERJ6GEYJ560	M 56 OHM J 1/10W	R1572	ERDS2TJ102	C 1KOHM J 1/4W
R1397	ERJ6GEYJ560	M 56 OHM J 1/10W	R1573	ERDS2TJ104	C 100KOHM J 1/4W
R1398	ERJ6GEYJ560	M 56 OHM J 1/10W	R1574	ERDS2TJ183	C 18KOHM J 1/4W
R1399	ERJ6GEYJ102	M 1KOHM J 1/10W	R1580	ERDS2TJ182	C 1.8KOHM J 1/4W
R1410	ERJ6GEYJ221	M 220 OHM J 1/10W	Δ R1581	ERQ12HJ330	F 33 OHM J 1/2W
R1411	ERJ6GEYJ561	M 560 OHM J 1/10W	R1582	ER0S2CKF1782	M 17.8KOHM F 1/4W
R1412	ERJ6GEYJ561	M 560 OHM J 1/10W	R1584	ER0S2CKF7151	M 7.15KOHM F 1/4W
R1413	ERJ6GEYJ561	M 560 OHM J 1/10W	R1585	ERDS2TJ222	C 2.2KOHM J 1/4W
R1414	ERJ6GEYJ561	M 560 OHM J 1/10W	R1586	ERDS2TJ103	C 10KOHM J 1/4W
R1420	ERJ6ENF1800	M 180 OHM 1/10W	R1588	ERDS2TJ222	C 2.2KOHM J 1/4W
R1421	ERJ6GEYJ101	M 100 OHM J 1/10W	R1589	ERDS2TJ472	C 4.7KOHM J 1/4W
R1422	ERJ6ENF4301	M 4.3KOHM 1/10W	R1590	ERDS2TJ562	C 5.6KOHM J 1/4W
R1423	ERJ6GEYJ330	M 33 OHM J 1/10W	R1593	ERDS2TJ682	C 6.8KOHM J 1/4W
R1424	ERJ6GEY0R00	M 0 OHM J 1/10W	R1594	ERDS2TJ222	C 2.2KOHM J 1/4W

Ref. No	Part No.	Description	Ref. No	Part No.	Description
R1595	ERDS2TJ222	C 2.2KOHM J 1/4W	R1672	ERJ6GEYJ103	M 10KOHM J 1/10W
R1600	ERJ6GEYJ103	M 10KOHM J 1/10W	R1673	ERJ6GEYJ102	M 1KOHM J 1/10W
R1601	ERJ6GEYJ183	M 18KOHM J 1/10W	R1674	ERJ6GEYJ392	M 3.9KOHM J 1/10W
R1602	ERJ6GEYJ122	M 1.2KOHM J 1/10W	R1675	ERJ6GEYJ472	M 4.7KOHM J 1/10W
R1603	ERJ6GEYJ103	M 10KOHM J 1/10W	R1676	ERJ6GEYJ103	M 10KOHM J 1/10W
R1604	ERJ6GEYJ331	M 330 OHM J 1/10W	R1677	ERJ6GEYJ472	M 4.7KOHM J 1/10W
R1605	ERJ6GEYJ101	M 100 OHM J 1/10W	R1678	ERJ6GEYJ222	M 2.2KOHM J 1/10W
R1606	ERJ6GEYJ101	M 100 OHM J 1/10W	R1679	ERJ6GEYJ472	M 4.7KOHM J 1/10W
R1607	ERJ6GEYJ331	M 330 OHM J 1/10W	R1680	ERJ6GEYJ101	M 100 OHM J 1/10W
R1608	ERJ6GEYJ331	M 330 OHM J 1/10W	R1681	ERJ6ENF5600	M 560 OHM 1/10W
R1609	ERJ6GEYJ472	M 4.7KOHM J 1/10W	R1683	ERJ6GEYJ472	M 4.7KOHM J 1/10W
R1610	ERJ6GEYJ272	M 2.7KOHM J 1/10W	R1684	ERJ6GEYJ333	M 33KOHM J 1/10W
R1611	ERJ6GEYJ472	M 4.7KOHM J 1/10W	R1685	ERJ6GEYJ152	M 1.5KOHM J 1/10W
R1612	ERJ6GEYJ333	M 33KOHM J 1/10W	R1687	ERJ6GEYJ103	M 10KOHM J 1/10W
R1613	ERJ6GEYJ331	M 330 OHM J 1/10W	R1688	ERJ6GEYJ472	M 4.7KOHM J 1/10W
R1614	ERJ6GEYJ302	M 3KOHM J 1/10W	R1689	ERJ6GEYJ472	M 4.7KOHM J 1/10W
R1615	ERJ6GEYJ472	M 4.7KOHM J 1/10W	R1690	ERJ6GEYJ472	M 4.7KOHM J 1/10W
R1616	ERJ6GEYJ103	M 10KOHM J 1/10W	R1692	ERJ6GEYJ103	M 10KOHM J 1/10W
R1617	ERJ6GEYJ102	M 1KOHM J 1/10W	R1694	ERJ6GEYJ561	M 560 OHM J 1/10W
R1618	ERJ6GEYJ331	M 330 OHM J 1/10W	R1695	ERJ6GEYJ561	M 560 OHM J 1/10W
R1619	ERJ6GEYJ822	M 8.2KOHM J 1/10W	R1696	ERJ6GEYJ102	M 1KOHM J 1/10W
R1621	ERJ6GEYJ102	M 1KOHM J 1/10W	R1697	ERJ6ENF3900	M 390 OHM 1/10W
R1622	ERJ6GEYJ472	M 4.7KOHM J 1/10W	R1698	ERJ6ENF3901	M 3.9KOHM 1/10W
R1623	ERJ6GEYJ361	M 360 OHM J 1/10W	R1699	ERJ6ENF2202	M 2.2KOHM 1/10W
R1624	ERJ6GEYJ103	M 10KOHM J 1/10W	R1700	ERJ6ENF1582	M 15.8KOHM 1/10W
R1625	ERJ6GEYJ332	M 3.3KOHM J 1/10W	R1701	ERJ6GEYJ823	M 82KOHM J 1/10W
R1626	ERJ6GEYJ333	M 33KOHM J 1/10W	R1702	ERJ6GEYJ102	M 1KOHM J 1/10W
R1627	ERJ6GEYJ103	M 10KOHM J 1/10W	R1703	ERJ6ENF3901	M 3.9KOHM 1/10W
R1628	ERJ6GEYJ331	M 330 OHM J 1/10W	R1704	ERJ6ENF3601	M 3.6KOHM 1/10W
R1629	ERJ6GEYJ331	M 330 OHM J 1/10W	R1705	ERJ6GEYJ103	M 10KOHM J 1/10W
R1630	ERJ6GEYJ102	M 1KOHM J 1/10W	R1706	ERJ6ENF1001	M 1KOHM 1/10W
R1631	ERJ6GEYJ562	M 5.6KOHM J 1/10W	R1707	ERJ6GEYJ103	M 10KOHM J 1/10W
R1632	ERJ6GEYJ102	M 1KOHM J 1/10W	R1708	ERJ6GEYJ103	M 10KOHM J 1/10W
R1633	ERJ6GEYJ103	M 10KOHM J 1/10W	R1709	ERJ6GEYJ222	M 2.2KOHM J 1/10W
R1634	ERJ6GEYJ273	M 27KOHM J 1/10W	R1710	ERJ6GEYJ561	M 560 OHM J 1/10W
R1635	ERJ6GEYJ101	M 100 OHM J 1/10W	R1711	ERJ6ENF3900	M 390 OHM 1/10W
R1636	ERJ6GEYJ101	M 100 OHM J 1/10W	R1712	ERJ6GEYJ470	M 47 OHM J 1/10W
R1637	ERJ6GEYJ331	M 330 OHM J 1/10W	R1713	ERJ6GEYJ102	M 1KOHM J 1/10W
R1638	ERJ6GEYJ392	M 3.9KOHM J 1/10W	R1714	ERJ6GEYJ101	M 100 OHM J 1/10W
R1639	ERJ6GEYJ475	M 4.7MOHM J 1/10W	R1715	ERJ6GEYJ101	M 100 OHM J 1/10W
R1640	ERJ6GEYJ102	M 1KOHM J 1/10W	R1716	ERJ6GEYJ103	M 10KOHM J 1/10W
R1641	ERJ6GEYJ471	M 470 OHM J 1/10W	R1717	ERJ6GEYJ103	M 10KOHM J 1/10W
R1642	ERJ6GEYJ103	M 10KOHM J 1/10W	R1718	ERJ6GEYJ221	M 220 OHM J 1/10W
R1643	ERJ6GEYJ102	M 1KOHM J 1/10W	R1719	ERJ6GEYJ391	M 390 OHM J 1/10W
R1644	ERJ6GEYJ392	M 3.9KOHM J 1/10W	R1720	ERJ6GEYJ103	M 10KOHM J 1/10W
R1645	ERJ6GEYJ472	M 4.7KOHM J 1/10W	R1721	ERJ6GEYJ683	M 68KOHM J 1/10W
R1646	ERJ6GEYJ331	M 330 OHM J 1/10W	R1722	ERJ6GEYJ151	M 150 OHM J 1/10W
R1647	ERJ6GEYJ151	M 150 OHM J 1/10W	R1723	ERJ6GEYJ151	M 150 OHM J 1/10W
R1648	ERJ6GEYJ472	M 4.7KOHM J 1/10W	R1724	ERJ6GEYJ151	M 150 OHM J 1/10W
R1649	ERJ6GEYJ103	M 10KOHM J 1/10W	R1725	ERJ6GEYJ102	M 1KOHM J 1/10W
R1650	ERJ6ENF3901	M 3.9KOHM 1/10W	R1726	ERJ6ENF1001	M 1KOHM 1/10W
R1651	ERJ6ENF8200	M 820 OHM 1/10W	R1727	ERJ6ENF1001	M 1KOHM 1/10W
R1653	ERJ6ENF3900	M 390 OHM 1/10W	R1728	ERJ6GEYJ101	M 100 OHM J 1/10W
R1654	ERJ6GEYJ331	M 330 OHM J 1/10W	R1729	ERJ6GEYJ101	M 100 OHM J 1/10W
R1655	ERJ6GEYJ331	M 330 OHM J 1/10W	R1730	ERJ6GEYJ124	M 120KOHM J 1/10W
R1656	ERJ6GEYJ122	M 1.2KOHM J 1/10W	R1731	ERJ6GEYJ333	M 33KOHM J 1/10W
R1657	ERJ6GEYJ222	M 2.2KOHM J 1/10W	R1732	ERJ6GEYJ332	M 3.3KOHM J 1/10W
R1658	ERJ6GEYJ472	M 4.7KOHM J 1/10W	R1733	ERJ6GEYJ152	M 1.5KOHM J 1/10W
R1659	ERJ6GEYJ472	M 4.7KOHM J 1/10W	R1734	ERJ6GEYJ392	M 3.9KOHM J 1/10W
R1660	ERJ6GEYJ472	M 4.7KOHM J 1/10W	R1735	ERJ6GEYJ392	M 3.9KOHM J 1/10W
R1661	ERJ6GEYJ562	M 5.6KOHM J 1/10W	R1736	ERJ6GEYJ124	M 120KOHM J 1/10W
R1662	ERJ6GEYJ472	M 4.7KOHM J 1/10W	R1737	ERJ6GEYJ333	M 33KOHM J 1/10W
R1663	ERJ6GEYJ222	M 2.2KOHM J 1/10W	R1738	ERJ6GEYJ392	M 3.9KOHM J 1/10W
R1664	ERJ6GEYJ472	M 4.7KOHM J 1/10W	R1739	ERJ6GEYJ152	M 1.5KOHM J 1/10W
R1665	ERJ6GEYJ222	M 2.2KOHM J 1/10W	R1740	ERJ6GEYJ392	M 3.9KOHM J 1/10W
R1666	ERJ6GEYJ272	M 2.7KOHM J 1/10W	R1741	ERJ6GEYJ392	M 3.9KOHM J 1/10W
R1668	ERJ6GEYJ822	M 8.2KOHM J 1/10W	R1742	ERJ6GEYJ333	M 33KOHM J 1/10W
R1669	ERJ6GEYJ223	M 22KOHM J 1/10W	R1744	ERJ6GEYJ331	M 330 OHM J 1/10W
R1670	ERJ6GEYJ103	M 10KOHM J 1/10W	R1745	ERJ6GEYJ331	M 330 OHM J 1/10W
R1671	ERJ6GEYJ103	M 10KOHM J 1/10W	R1746	ERJ6GEYJ331	M 330 OHM J 1/10W

Ref. No	Part No.	Description
R1747	ERJ6GEYJ331	M 330 OHM J 1/10W
R1748	ERJ6GEYJ222	M 2.2KOHM J 1/10W
R1749	ERJ6GEYJ223	M 22KOHM J 1/10W
R1750	ERJ6GEYJ682	M 6.8KOHM J 1/10W
R1751	ERJ6GEYJ221	M 220 OHM J 1/10W
R1752	ERJ6GEYJ271	M 270 OHM J 1/10W
R1753	ERJ6GEYJ271	M 270 OHM J 1/10W
R1754	ERJ6GEYJ183	M 18KOHM J 1/10W
R1755	ERJ6GEYJ102	M 1KOHM J 1/10W
R1756	ERJ6GEYJ102	M 1KOHM J 1/10W
R1757	ERJ6GEYJ332	M 3.3KOHM J 1/10W
R1758	ERJ6ENF1002	M 10KOHM 1/10W
R1759	ERJ6ENF1002	M 10KOHM 1/10W
R1760	ERJ6GEYJ562	M 5.6KOHM J 1/10W
R1761	ERJ6ENF39R0	M 39 OHM 1/10W
R1762	ERJ6GEYJ222	M 2.2KOHM J 1/10W
R1763	ERJ6GEYJ103	M 10KOHM J 1/10W
R1764	ERJ6GEYJ101	M 100 OHM J 1/10W
R1775	ERJ6GEYJ513	M 51KOHM J 1/10W
R1783	ERJ6GEYJ472	M 4.7KOHM J 1/10W
R1784	ERJ6GEYJ472	M 4.7KOHM J 1/10W
R1824	ERJ6GEYJ222	M 2.2KOHM J 1/10W
R1825	ERJ6GEYJ222	M 2.2KOHM J 1/10W
R1829	ERJ6GEYJ471	M 470 OHM J 1/10W
R1832	ERJ6GEYJ102	M 1KOHM J 1/10W
R1833	ERJ6GEYJ101	M 100 OHM J 1/10W
R1834	ERJ6GEYJ101	M 100 OHM J 1/10W
R1849	ERJ6GEYJ682	M 6.8KOHM J 1/10W
R1850	ERJ6GEYJ682	M 6.8KOHM J 1/10W
R1851	ERJ6GEYJ472	M 4.7KOHM J 1/10W
R1852	ERJ6GEYJ682	M 6.8KOHM J 1/10W
R1854	ERJ6GEYJ682	M 6.8KOHM J 1/10W
R1855	ERJ6GEYJ472	M 4.7KOHM J 1/10W
R1856	ERJ6GEYJ682	M 6.8KOHM J 1/10W
R1859	ERJ6GEYJ392	M 3.9KOHM J 1/10W
R1860	ERJ6GEYJ822	M 8.2KOHM J 1/10W
R1861	ERJ6GEYJ472	M 4.7KOHM J 1/10W
R1862	ERJ6GEYJ101	M 100 OHM J 1/10W
R1863	ERJ6GEYJ332	M 3.3KOHM J 1/10W
R1864	ERJ6GEYJ472	M 4.7KOHM J 1/10W
R1865	ERJ6GEYJ682	M 6.8KOHM J 1/10W
R1866	ERJ6GEYJ472	M 4.7KOHM J 1/10W
R1867	ERJ6GEYJ821	M 820 OHM J 1/10W
R1869	ERJ6GEYJ472	M 4.7KOHM J 1/10W
R1870	ERJ6GEYJ562	M 5.6KOHM J 1/10W
R1871	ERJ6GEYJ101	M 100 OHM J 1/10W
R1873	ERJ6GEYJ222	M 2.2KOHM J 1/10W
R1874	ERJ6GEYJ473	M 47KOHM J 1/10W
R1875	ERJ6GEYJ101	M 100 OHM J 1/10W
R1878	ERJ6GEYJ101	M 100 OHM J 1/10W
R1879	ERJ6GEYJ101	M 100 OHM J 1/10W
R1881	ERJ6GEYJ103	M 10KOHM J 1/10W
R1884	ERJ6GEYJ101	M 100 OHM J 1/10W
R1885	ERJ6GEYJ122	M 1.2KOHM J 1/10W
R1886	ERJ6GEYJ222	M 2.2KOHM J 1/10W
R1887	ERJ6GEYJ101	M 100 OHM J 1/10W
R1897	ERJ6GEYJ103	M 10KOHM J 1/10W
R1898	ERJ6GEYJ103	M 10KOHM J 1/10W
R1899	ERJ6GEYJ103	M 10KOHM J 1/10W
R1907	ERJ6GEYJ393	M 39KOHM J 1/10W
R1908	ERJ6GEYJ393	M 39KOHM J 1/10W
R1911	ERJ6GEYJ183	M 18KOHM J 1/10W
R1912	ERJ6GEYJ222	M 2.2KOHM J 1/10W
R1913	ERDS2TJ392	C 3.9KOHM J 1/4W
R2004	ERJ6GEYJ103	M 10KOHM J 1/10W
R2005	ERJ6GEYJ101	M 100 OHM J 1/10W
R2006	ERJ6GEYJ101	M 100 OHM J 1/10W
R2014	ERJ6GEYJ471	M 470 OHM J 1/10W
R2015	ERJ6GEYJ222	M 2.2KOHM J 1/10W
R2016	ERJ6GEYJ471	M 470 OHM J 1/10W

Ref. No	Part No.	Description
R2017	ERJ6GEYJ222	M 2.2KOHM J 1/10W
R2022	ERJ6GEYJ821	M 820 OHM J 1/10W
R2254	ERDS1FJ471	C 470 OHM J 1/2W
R2255	ERDS1FJ471	C 470 OHM J 1/2W
R2256	ERDS1FJ561	C 560 OHM J 1/2W
R2257	ERDS1FJ561	C 560 OHM J 1/2W
R2267	ERDS2TJ184	C 180KOHM J 1/4W
R2268	ERDS2TJ184	C 180KOHM J 1/4W
R2269	ERDS1FJ121	C 120 OHM J 1/2W
R2270	ERDS1FJ121	C 120 OHM J 1/2W
R2271	ERJ6GEYJ153	M 15KOHM J 1/10W
R2272	ERJ6GEYJ822	M 8.2KOHM J 1/10W
R2273	ERJ6GEYJ122	M 1.2KOHM J 1/10W
R2274	ERJ6GEYJ104	M 100KOHM J 1/10W
R2275	ERJ6GEYJ473	M 47KOHM J 1/10W
R2276	ERJ6GEYJ472	M 4.7KOHM J 1/10W
R2302	ERJ6GEYJ272	M 2.7KOHM J 1/10W
R2303	ERJ6GEYJ103	M 10KOHM J 1/10W
R2304	ERJ6GEYJ333	M 33KOHM J 1/10W
R2305	ERJ6GEYJ473	M 47KOHM J 1/10W
R2306	ERJ6GEYJ102	M 1KOHM J 1/10W
R2307	ERD25FJ2R2	C 2.2 OHM J 1/4W
R2308	ERD25FJ2R2	C 2.2 OHM J 1/4W
R2309	ERJ6GEYJ103	M 10KOHM J 1/10W
R2310	ERJ6GEYJ103	M 10KOHM J 1/10W
R2311	ERJ6GEY0R00	M 0 OHM J 1/10W
R2312	ERJ6GEYJ104	M 100KOHM J 1/10W
R2313	ERJ6GEY0R00	M 0 OHM J 1/10W
R2314	ERJ6GEYJ222	M 2.2KOHM J 1/10W
R2315	ERJ6GEYJ103	M 10KOHM J 1/10W
R2316	ERJ6GEYJ103	M 10KOHM J 1/10W
R2317	ERJ6GEYJ102	M 1KOHM J 1/10W
R2318	ERJ6GEYJ102	M 1KOHM J 1/10W
R2321	ERDS2TJ392	C 3.9KOHM J 1/4W
R2322	ERJ6GEYJ331	M 330 OHM J 1/10W
R2326	ERJ6GEYJ103	M 10KOHM J 1/10W
R2327	ERDS2TJ101	C 100 OHM J 1/4W
R2335	ERJ6GEYJ223	M 22KOHM J 1/10W
R2336	ERJ6GEYJ223	M 22KOHM J 1/10W
R2340	ERJ6GEYJ223	M 22KOHM J 1/10W
R2391	ERJ6GEYJ183	M 18KOHM J 1/10W
R2403	ERJ6GEYJ473	M 47KOHM J 1/10W
R2404	ERJ6GEYJ103	M 10KOHM J 1/10W
R2407	ERJ6GEYJ103	M 10KOHM J 1/10W
R2410	ERJ6GEYJ103	M 10KOHM J 1/10W
R2413	ERJ6GEYJ104	M 100KOHM J 1/10W
R2414	ERJ6GEYJ823	M 82KOHM J 1/10W
R2415	ERJ6GEYJ222	M 2.2KOHM J 1/10W
R2424	ERJ6GEYJ824	M 820KOHM J 1/10W
R2425	ERJ6GEYJ104	M 100KOHM J 1/10W
R2427	ERJ6GEYJ472	M 4.7KOHM J 1/10W
R2430	ERJ6GEYJ183	M 18KOHM J 1/10W
R2434	ERJ6GEYJ153	M 15KOHM J 1/10W
R2439	ERJ6GEYJ224	M 220KOHM J 1/10W
R2441	ERJ6GEYJ470	M 47 OHM J 1/10W
R2443	ERJ6GEYJ562	M 5.6KOHM J 1/10W
R2445	ERJ6GEYJ470	M 47 OHM J 1/10W
R2451	ERJ6GEYJ104	M 100KOHM J 1/10W
R2455	ERJ6GEYJ562	M 5.6KOHM J 1/10W
R2463	ERJ6GEYJ333	M 33KOHM J 1/10W
R2483	ERJ6GEYJ562	M 5.6KOHM J 1/10W
R3001	ERJ6GEYJ104	M 100KOHM J 1/10W
R3002	ERJ6GEYJ104	M 100KOHM J 1/10W
R3003	ERJ6GEYJ101	M 100 OHM J 1/10W
R3004	ERJ6GEYJ101	M 100 OHM J 1/10W
R3006	ERJ6GEYJ184	M 180KOHM J 1/10W
R3007	ERJ6GEYJ184	M 180KOHM J 1/10W
R3009	ERJ6GEYJ184	M 180KOHM J 1/10W
R3010	ERJ6GEYJ184	M 180KOHM J 1/10W
R3012	ERJ6GEYJ184	M 180KOHM J 1/10W

Ref. No	Part No.	Description				
R3013	ERJ6GEYJ184	M 180KOHM	J	1/10W		
R3018	ERJ6GEYJ472	M 4.7KOHM	J	1/10W		
R3019	ERJ6GEYJ103	M 10KOHM	J	1/10W		
R3021	ERJ6GEYJ472	M 4.7KOHM	J	1/10W		
R3022	ERJ6GEYJ102	M 1KOHM	J	1/10W		
R3023	ERJ6GEYJ102	M 1KOHM	J	1/10W		
R3024	ERJ6GEYJ680	M 68 OHM	J	1/10W		
R3025	ERDS2TJ241	C 240 OHM	J	1/4W		
R3027	ERJ6GEYJ331	M 330 OHM	J	1/10W		
R3029	ERJ8ENF75R0	M 75OHM		1/8W		
R3030	ERJ8ENF75R0	M 75OHM		1/8W		
R3031	ERJ8ENF75R0	M 75OHM		1/8W		
R3040	ERJ6GEYJ153	M 15KOHM	J	1/10W		
R3041	ERJ6GEYJ103	M 10KOHM	J	1/10W		
R3042	ERJ6GEY0R00	M 0 OHM	J	1/10W		
R3043	ERJ6GEYJ153	M 15KOHM	J	1/10W		
R3044	ERJ6GEYJ103	M 10KOHM	J	1/10W		
R3045	ERJ6GEY0R00	M 0 OHM	J	1/10W		
R3046	ERJ6GEYJ221	M 220 OHM	J	1/10W		
R3050	ERJ6GEYJ392	M 3.9KOHM	J	1/10W		
R3051	ERJ6GEYJ392	M 3.9KOHM	J	1/10W		
R3053	ERJ6GEYJ103	M 10KOHM	J	1/10W		
R3055	ERJ6GEYJ221	M 220 OHM	J	1/10W		
R3061	ERJ6GEYJ103	M 10KOHM	J	1/10W		
R3062	ERJ6GEYJ103	M 10KOHM	J	1/10W		
Δ R3069	ERQ14AJ100P	F 10 OHM	J	1/4W		
R3072	ERJ8ENF75R0	M 75OHM		1/8W		
R3074	ERDS2TJ750	C 75 OHM	J	1/4W		
R3075	ERDS2TJ750	C 75 OHM	J	1/4W		
R3076	ERDS2TJ750	C 75 OHM	J	1/4W		
R3077	ERDS2TJ750	C 75 OHM	J	1/4W		
R3078	ERDS2TJ750	C 75 OHM	J	1/4W		
R3080	ERJ6GEYJ101	M 100 OHM	J	1/10W		
R3081	ERJ6GEYJ101	M 100 OHM	J	1/10W		
R3100	ERJ6GEYJ221	M 220 OHM	J	1/10W		
R3101	ERJ6GEYJ102	M 1KOHM	J	1/10W		
R3103	ERJ6GEYJ102	M 1KOHM	J	1/10W		
R3104	ERJ6GEYJ221	M 220 OHM	J	1/10W		
R3105	ERJ6GEYJ221	M 220 OHM	J	1/10W		
R3106	ERJ6GEYJ102	M 1KOHM	J	1/10W		
R3107	ERJ6GEYJ221	M 220 OHM	J	1/10W		
R3108	ERJ6GEYJ102	M 1KOHM	J	1/10W		
R3111	ERJ6GEYJ102	M 1KOHM	J	1/10W		
R3112	ERDS2TJ221	C 220 OHM	J	1/4W		
R3113	ERJ6GEYJ102	M 1KOHM	J	1/10W		
R3115	ERJ6GEYJ221	M 220 OHM	J	1/10W		
R3116	ERJ6GEYJ102	M 1KOHM	J	1/10W		
R3117	ERJ6GEYJ221	M 220 OHM	J	1/10W		
R3118	ERJ6GEYJ102	M 1KOHM	J	1/10W		
R3119	ERJ6GEYJ221	M 220 OHM	J	1/10W		
R3120	ERJ6GEYJ102	M 1KOHM	J	1/10W		
R3121	ERJ6GEYJ221	M 220 OHM	J	1/10W		
R3122	ERJ6GEYJ102	M 1KOHM	J	1/10W		
R3123	ERJ6GEYJ221	M 220 OHM	J	1/10W		
R3124	ERJ6GEYJ102	M 1KOHM	J	1/10W		
R3131	ERJ6GEYJ102	M 1KOHM	J	1/10W		
R3132	ERJ6GEYJ102	M 1KOHM	J	1/10W		
R3133	ERJ6GEYJ272	M 2.7KOHM	J	1/10W		
R3301	ERJ6GEYJ101	M 100 OHM	J	1/10W		
R3302	ERJ6GEYJ101	M 100 OHM	J	1/10W		
R3303	ERJ6GEYJ331	M 330 OHM	J	1/10W		
R3306	ERJ6GEY0R00	M 0 OHM	J	1/10W		
R3307	ERJ6GEY0R00	M 0 OHM	J	1/10W		
R3311	ERJ6GEYJ471	M 470 OHM	J	1/10W		
R3312	ERJ6GEYJ471	M 470 OHM	J	1/10W		
R3313	ERJ6GEYJ332	M 3.3KOHM	J	1/10W		
R3314	ERJ6GEYJ471	M 470 OHM	J	1/10W		
R3315	ERJ6GEYJ272	M 2.7KOHM	J	1/10W		
R3351	ERJ6GEYJ272	M 2.7KOHM	J	1/10W		
R3352	ERJ6GEYJ222	M 2.2KOHM	J	1/10W		
R3353	ERJ6GEYJ562	M 5.6KOHM	J	1/10W		
R3409	ERJ6GEYJ101	M 100 OHM	J	1/10W		
R3410	ERJ6GEYJ101	M 100 OHM	J	1/10W		
R3411	ERJ6GEYJ101	M 100 OHM	J	1/10W		
R3426	ERJ6GEYJ102	M 1KOHM	J	1/10W		
R3428	ERJ6GEYJ102	M 1KOHM	J	1/10W		
R3460	ERJ6GEYJ221	M 220 OHM	J	1/10W		
R3501	ERJ8GICYJ103	M 10KOHM	J	1/8W		
R3505	ERJ8GICYJ102	M 1KOHM	J	1/8W		
R3506	ERJ6GEYJ103	M 10KOHM	J	1/10W		
R3507	ERJ8GICYJ102	M 1KOHM	J	1/8W		
R3508	ERJ6GEYJ103	M 10KOHM	J	1/10W		
R3509	ERJ6GEYJ103	M 10KOHM	J	1/10W		
R3510	ERJ8GICYJ102	M 1KOHM	J	1/8W		
R3511	ERJ8GICYJ103	M 10KOHM	J	1/8W		
R3513	ERJ6GEYJ223	M 22KOHM	J	1/10W		
R3515	ERJ6GEYJ102	M 1KOHM	J	1/10W		
R3520	ERJ6GEYJ273	M 27KOHM	J	1/10W		
R3521	ERJ6GEYJ154	M 150KOHM	J	1/10W		
R3525	ERJ6GEYJ103	M 10KOHM	J	1/10W		
R3529	ERJ6GEYJ472	M 4.7KOHM	J	1/10W		
R3530	ERJ6GEYJ472	M 4.7KOHM	J	1/10W		
R3531	ERJ6GEYJ152	M 1.5KOHM	J	1/10W		
R3532	ERJ6GEYJ331	M 330 OHM	J	1/10W		
R3534	ERJ6GEYJ750	M 75 OHM	J	1/10W		
R3535	ERJ6GEYJ750	M 75 OHM	J	1/10W		
R3536	ERJ6GEYJ750	M 75 OHM	J	1/10W		
R3537	ERJ6GEYJ103	M 10KOHM	J	1/10W		
R3538	ERJ6GEYJ103	M 10KOHM	J	1/10W		
R3539	ERJ6GEYJ101	M 100 OHM	J	1/10W		
R3540	ERJ6GEYJ101	M 100 OHM	J	1/10W		
R3543	ERJ6GEYJ472	M 4.7KOHM	J	1/10W		
R3545	ERJ6GEYJ101	M 100 OHM	J	1/10W		
R3546	ERJ6GEYJ101	M 100 OHM	J	1/10W		
R3563	ERJ6GEYJ103	M 10KOHM	J	1/10W		
R3566	ERJ6GEYJ562	M 5.6KOHM	J	1/10W		
R3567	ERJ6GEYJ472	M 4.7KOHM	J	1/10W		
R3568	ERJ6GEYJ822	M 8.2KOHM	J	1/10W		
R3569	ERJ6GEYJ153	M 15KOHM	J	1/10W		
R3570	ERJ6GEYJ223	M 22KOHM	J	1/10W		
R3571	ERJ6GEYJ101	M 100 OHM	J	1/10W		
R3572	ERJ6GEYJ101	M 100 OHM	J	1/10W		
R3573	ERJ8GEYJ221	M 220 OHM	J	1/8W		
R3574	ERJ8GEYJ471	M 470 OHM	J	1/8W		
R3575	ERJ6GEYJ103	M 10KOHM	J	1/10W		
R3576	ERJ6GEYJ472	M 4.7KOHM	J	1/10W		
R3577	ERJ6GEYJ472	M 4.7KOHM	J	1/10W		
R3578	ERJ6GEYJ103	M 10KOHM	J	1/10W		
R3579	ERJ6GEYJ103	M 10KOHM	J	1/10W		
R3580	ERJ6GEYJ331	M 330 OHM	J	1/10W		
R3581	ERJ6GEYJ273	M 27KOHM	J	1/10W		
R3583	ERJ6GEYJ472	M 4.7KOHM	J	1/10W		
R3587	ERJ6GEYJ472	M 4.7KOHM	J	1/10W		
R3588	ERJ6GEYJ223	M 22KOHM	J	1/10W		
R3592	ERJ6GEYJ472	M 4.7KOHM	J	1/10W		
R3593	ERJ6GEYJ472	M 4.7KOHM	J	1/10W		
R3594	ERJ6GEYJ102	M 1KOHM	J	1/10W		
R3595	ERJ6GEYJ102	M 1KOHM	J	1/10W		
R4101	ERJ6GEYJ101	M 100 OHM	J	1/10W		
R4102	ERJ6GEYJ101	M 100 OHM	J	1/10W		
R4103	ERJ6GEYJ103	M 10KOHM	J	1/10W		
R4105	ERJ6GEYJ332	M 3.3KOHM	J	1/10W		
R4106	ERJ6GEYJ223	M 22KOHM	J	1/10W		
R4108	ERJ6GEYJ223	M 22KOHM	J	1/10W		
R4109	ERJ6GEYJ472	M 4.7KOHM	J	1/10W		
R4110	ERJ6GEYJ472	M 4.7KOHM	J	1/10W		
R4111	ERJ6GEYJ472	M 4.7KOHM	J	1/10W		
R4112	ERJ6GEYJ101	M 100 OHM	J	1/10W		
R4113	ERJ6GEYJ103	M 10KOHM	J	1/10W		
R4114	ERJ6GEYJ331	M 330 OHM	J	1/10W		

Ref. No	Part No.	Description
R4115	ERJ6GEYJ331	M 330 OHM J 1/10W
R4116	ERJ6GEYJ331	M 330 OHM J 1/10W
R4117	ERJ6GEYOR00	M 0 OHM J 1/10W
R4118	ERJ6GEYOR00	M 0 OHM J 1/10W
R4120	ERJ6GEYJ102	M 1KOHM J 1/10W
R4121	ERJ6GEYJ472	M 4.7KOHM J 1/10W
R4122	ERJ6GEYJ473	M 47KOHM J 1/10W
R4124	ERJ6GEYJ223	M 22KOHM J 1/10W
R4125	ERJ6GEYJ223	M 22KOHM J 1/10W
R4126	ERJ6GEYOR00	M 0 OHM J 1/10W
R4127	ERJ6GEYJ223	M 22KOHM J 1/10W
R4131	ERJ6GEYJ471	M 470 OHM J 1/10W
R4132	ERJ6GEYJ152	M 1.5KOHM J 1/10W
R4133	ERJ6GEYJ221	M 220 OHM J 1/10W
R4134	ERJ6ENF3000	M 300 OHM 1/10W
R4135	ERJ6ENF1801	M 1.8KOHM 1/10W
R4136	ERJ6GEYJ680	M 68 OHM J 1/10W
R4138	ERJ6ENF1911	M 1.91KOHM 1/10W
R4139	ERJ6GEYJ472	M 4.7KOHM J 1/10W
R4140	ERJ6GEYJ472	M 4.7KOHM J 1/10W
R4141	ERJ6GEYJ471	M 470 OHM J 1/10W
R4142	ERJ6GEYJ152	M 1.5KOHM J 1/10W
R4143	ERJ6GEYJ221	M 220 OHM J 1/10W
R4144	ERJ6ENF3000	M 300 OHM 1/10W
R4145	ERJ6ENF1651	M 1.65KOHM 1/10W
R4146	ERJ6GEYJ680	M 68 OHM J 1/10W
R4151	ERJ6GEYJ471	M 470 OHM J 1/10W
R4152	ERJ6GEYJ152	M 1.5KOHM J 1/10W
R4153	ERJ6GEYJ221	M 220 OHM J 1/10W
R4154	ERJ6ENF3740	M 374 OHM 1/10W
R4155	ERJ6ENF1801	M 1.8KOHM 1/10W
R4156	ERJ6GEYJ680	M 68 OHM J 1/10W
R4159	ERJ6GEYJ103	M 10KOHM J 1/10W
R4162	ERJ6GEYJ101	M 100 OHM J 1/10W
R4163	ERJ6ENF1801	M 1.8KOHM 1/10W
R4165	ERJ6GEYJ221	M 220 OHM J 1/10W
R4166	ERJ6GEYJ333	M 33KOHM J 1/10W
R4167	ERJ6GEYJ472	M 4.7KOHM J 1/10W
R4168	ERJ6GEYJ151	M 150 OHM J 1/10W
R4170	ERJ6ENF1201	M 1.2KOHM 1/10W
R4195	ERJ6GEYJ151	M 150 OHM J 1/10W
R4202	ERJ6ENF9100	M 910 OHM 1/10W
R4203	ERJ6ENF1800	M 180 OHM 1/10W
R4204	ERJ6GEYJ103	M 10KOHM J 1/10W
R4218	ERJ6ENF3000	M 300 OHM 1/10W
R4244	ERJ6GEYJ151	M 150 OHM J 1/10W
R4246	ERJ6GEYJ151	M 150 OHM J 1/10W
R4250	ERJ6GEYJ563	M 56KOHM J 1/10W
R4251	ERJ6GEYJ102	M 1KOHM J 1/10W
R4253	ERJ6GEYJ682	M 6.8KOHM J 1/10W
R4419	ERJ6GEYJ473	M 47KOHM J 1/10W
R5501	ERJ6GEYJ151	M 150 OHM J 1/10W
R5502	ERJ6GEYJ102	M 1KOHM J 1/10W
R5503	ERJ6ENF1101	M 1.1KOHM 1/10W
R5504	ERJ6ENF5231	M 5.23KOHM 1/10W
R5505	ERDS2TJ331	C 330 OHM J 1/4W
R5506	ERJ6GEYJ222	M 2.2KOHM J 1/10W
R5507	ERJ6GEYJ102	M 1KOHM J 1/10W
R5508	ERJ6GEYJ272	M 2.7KOHM J 1/10W
R5509	ERJ6GEYJ151	M 150 OHM J 1/10W
R5510	ERJ6GEYJ152	M 1.5KOHM J 1/10W
R5511	ERJ6GEYJ181	M 180 OHM J 1/10W
R5512	ERJ6GEYJ822	M 8.2KOHM J 1/10W
R5513	ERJ6GEYJ152	M 1.5KOHM J 1/10W
R5514	ERJ6GEYJ821	M 820 OHM J 1/10W
R5515	ERJ6GEYJ102	M 1KOHM J 1/10W
R5516	ERJ6GEYJ151	M 150 OHM J 1/10W
R5517	ERJ6GEYJ472	M 4.7KOHM J 1/10W
R5518	ERJ6GEYJ471	M 470 OHM J 1/10W
R5519	ERJ6GEYJ105	M 1MOHM J 1/10W

Ref. No	Part No.	Description
R5520	ERJ6GEYJ105	M 1MOHM J 1/10W
R5521	ERJ6GEYJ221	M 220 OHM J 1/10W
R5522	ERJ6GEYJ122	M 1.2KOHM J 1/10W
R5523	ERJ6GEYJ392	M 3.9KOHM J 1/10W
R5524	ERJ6GEYJ202	M 2KOHM J 1/10W
R5525	ERJ6GEYJ241	M 240 OHM J 1/10W
R5526	ERJ6GEYJ821	M 820 OHM J 1/10W
R5528	ERJ6GEYJ392	M 3.9KOHM J 1/10W
R5539	ERJ6GEYJ272	M 2.7KOHM J 1/10W
R5540	ERJ6GEYJ221	M 220 OHM J 1/10W
R5541	ERJ6GEYJ272	M 2.7KOHM J 1/10W
R5542	ERJ6GEYJ272	M 2.7KOHM J 1/10W
R5543	ERJ6GEYJ221	M 220 OHM J 1/10W
R5545	ERJ6GEYJ331	M 330 OHM J 1/10W
R5546	ERJ6GEYJ103	M 10KOHM J 1/10W
R5547	ERJ6GEYJ273	M 27KOHM J 1/10W
R5549	ERJ6GEYJ102	M 1KOHM J 1/10W
R5553	ERJ6GEYJ331	M 330 OHM J 1/10W
R5554	ERJ6GEYJ102	M 1KOHM J 1/10W
R5555	ERJ6ENF1101	M 1.1KOHM 1/10W
R5558	ERJ6GEYJ392	M 3.9KOHM J 1/10W
R5559	ERJ6GEYJ472	M 4.7KOHM J 1/10W
R5560	ERJ6GEYJ561	M 560 OHM J 1/10W
R5561	ERJ6GEYJ152	M 1.5KOHM J 1/10W
R5562	ERJ6GEYJ102	M 1KOHM J 1/10W
R5563	ERJ6GEYJ332	M 3.3KOHM J 1/10W
R5567	ERJ6GEYJ561	M 560 OHM J 1/10W
R5568	ERJ6GEYJ101	M 100 OHM J 1/10W
R5569	ERJ6GEYJ122	M 1.2KOHM J 1/10W
R5570	ERJ6GEYJ223	M 22KOHM J 1/10W
R5571	ERJ6GEYJ223	M 22KOHM J 1/10W
R5583	ERJ6ENF5231	M 5.23KOHM 1/10W
R5584	ERJ6GEYJ102	M 1KOHM J 1/10W
R5585	ERJ6GEYJ473	M 47KOHM J 1/10W
R5586	ERJ6GEYJ561	M 560 OHM J 1/10W
R5602	ERJ6GEYJ331	M 330 OHM J 1/10W
R5612	ERJ6GEYJ223	M 22KOHM J 1/10W
R5615	ERJ6GEYJ151	M 150 OHM J 1/10W
R5617	ERJ6GEYJ331	M 330 OHM J 1/10W
R5618	ERJ6GEYJ222	M 2.2KOHM J 1/10W
R5620	ERJ6GEYJ202	M 2KOHM J 1/10W
R5621	ERJ6ENF3900	M 390 OHM 1/10W
R5622	ERJ6ENF6800	M 680 OHM 1/10W
R5627	ERJ6GEYJ273	M 27KOHM J 1/10W
R5629	ERJ6GEYJ473	M 47KOHM J 1/10W
R5632	ERJ6GEYJ151	M 150 OHM J 1/10W
R5636	ERJ6GEYJ152	M 1.5KOHM J 1/10W
R5637	ERDS2TJ102	C 1KOHM J 1/4W
R5638	ERJ6GEYJ101	M 100 OHM J 1/10W
R5640	ERJ6GEYJ101	M 100 OHM J 1/10W
R5641	ERJ6GEYJ393	M 39KOHM J 1/10W
R5642	ERJ6GEYJ151	M 150 OHM J 1/10W
R5643	ERJ6ENF2001	M 2KOHM 1/10W
R5644	ERJ6GEYJ151	M 150 OHM J 1/10W
R5645	ERJ6GEYJ151	M 150 OHM J 1/10W
R5646	ERJ6GEYJ102	M 1KOHM J 1/10W
R5647	ERJ6GEYJ222	M 2.2KOHM J 1/10W
R5648	ERJ6GEYJ103	M 10KOHM J 1/10W
R5652	ERJ6GEYJ152	M 1.5KOHM J 1/10W
R5657	ERJ6GEYJ103	M 10KOHM J 1/10W
R5662	ERJ6GEYJ222	M 2.2KOHM J 1/10W
R5666	ERJ6GEYJ331	M 330 OHM J 1/10W
R5674	ERJ6GEYJ121	M 120 OHM J 1/10W
R5678	ERJ6GEYJ391	M 390 OHM J 1/10W
R5679	ERJ6GEYJ102	M 1KOHM J 1/10W
R5680	ERJ6GEYJ103	M 10KOHM J 1/10W
R5681	ERJ6GEYJ473	M 47KOHM J 1/10W
R5682	ERJ6GEYJ563	M 56KOHM J 1/10W
R6228	ER0S2CKF5602	M 56KOHM F 1/4W
R6230	ER0S2CKF3902	M 39KOHM F 1/4W

Ref. No	Part No.	Description	Ref. No	Part No.	Description
R6256	ERDS2TJ101	C 100 OHM J 1/4W	R7131	ERJ6GEYJ103	M 10KOHM J 1/10W
R6257	ERDS2TJ103	C 10KOHM J 1/4W	R7132	ERJ6GEYJ103	M 10KOHM J 1/10W
R6704	ERF2AK5R6	W 5.6 OHM K 2W	R7133	ERJ6GEYJ684	M 680KOHM J 1/10W
R7004	ERDS2TC0	C 0 OHM 1/4W	R7134	ERJ6GEY0R00	M 0 OHM J 1/10W
R7005	ERDS2TC0	C 0 OHM 1/4W	R7136	ERJ6GEYJ103	M 10KOHM J 1/10W
R7006	ERDS2TC0	C 0 OHM 1/4W	R7138	ERJ6GEY0R00	M 0 OHM J 1/10W
R7007	ERDS2TJ273	C 27KOHM J 1/4W	R7139	ERJ6GEYJ103	M 10KOHM J 1/10W
R7008	ERDS2TJ273	C 27KOHM J 1/4W	R7140	ERJ6GEYJ221	M 220 OHM J 1/10W
R7009	ERDS2TJ472	C 4.7KOHM J 1/4W	R7142	ERJ6GEYJ103	M 10KOHM J 1/10W
R7010	ERDS2TJ472	C 4.7KOHM J 1/4W	R7143	ERJ6GEYJ392	M 3.9KOHM J 1/10W
R7012	ERDS2TC0	C 0 OHM 1/4W	R7144	ERJ6GEY0R00	M 0 OHM J 1/10W
R7014	ERDS2TC0	C 0 OHM 1/4W	R7145	ERJ6GEY0R00	M 0 OHM J 1/10W
R7016	ERDS2TC0	C 0 OHM 1/4W	R7148	ERJ6GEYJ103	M 10KOHM J 1/10W
R7018	ERDS2TJ562	C 5.6KOHM J 1/4W	R7149	ERJ6GEYJ103	M 10KOHM J 1/10W
R7019	ERDS2TJ102	C 1KOHM J 1/4W	R7150	ERJ6GEYJ272	M 2.7KOHM J 1/10W
R7020	ERDS2TJ562	C 5.6KOHM J 1/4W	R7151	ERJ6GEYJ682	M 6.8KOHM J 1/10W
R7021	ERDS2TJ102	C 1KOHM J 1/4W	R7152	ERJ6GEYJ103	M 10KOHM J 1/10W
R7022	ERDS2TJ562	C 5.6KOHM J 1/4W	R7153	ERJ6GEYJ103	M 10KOHM J 1/10W
R7023	ERDS2TJ102	C 1KOHM J 1/4W	R7154	ERJ6GEYJ103	M 10KOHM J 1/10W
R7025	ERX2FJS5R6D	M 5.6 OHM J 2W	R7155	ERJ6GEYJ103	M 10KOHM J 1/10W
R7026	ERDS2TC0	C 0 OHM 1/4W	R7156	ERJ6GEYJ103	M 10KOHM J 1/10W
R7027	ERDS2TC0	C 0 OHM 1/4W	R7157	ERJ6GEYJ103	M 10KOHM J 1/10W
R7028	ERDS2TC0	C 0 OHM 1/4W	R7158	ERJ6GEYJ103	M 10KOHM J 1/10W
R7029	ERDS2TC0	C 0 OHM 1/4W	R7159	ERJ6GEYJ103	M 10KOHM J 1/10W
R7030	ERX2FJS3R3D	M 3.3 OHM J 2W	R7160	ERJ6GEYJ103	M 10KOHM J 1/10W
R7031	ERDS2TJ332	C 3.3KOHM J 1/4W	R7161	ERJ6GEYJ103	M 10KOHM J 1/10W
R7032	ERDS2TJ332	C 3.3KOHM J 1/4W	R7162	ERJ6GEYJ103	M 10KOHM J 1/10W
R7033	ERDS2TJ332	C 3.3KOHM J 1/4W	R7163	ERJ6GEYJ103	M 10KOHM J 1/10W
R7035	ERX2FJS5R6D	M 5.6 OHM J 2W	R7164	ERJ6GEYJ103	M 10KOHM J 1/10W
R7040	ERX2FJS3R3D	M 3.3 OHM J 2W	R7165	ERJ6GEYJ103	M 10KOHM J 1/10W
R7041	ERDS2TJ332	C 3.3KOHM J 1/4W	R7166	ERJ6GEYJ103	M 10KOHM J 1/10W
R7042	ERDS2TJ332	C 3.3KOHM J 1/4W	R7168	ERJ6GEY0R00	M 0 OHM J 1/10W
R7043	ERDS2TJ332	C 3.3KOHM J 1/4W	R7169	ERJ6GEYJ102	M 1KOHM J 1/10W
R7045	ERX2FJS5R6D	M 5.6 OHM J 2W	R7172	ERJ6GEYJ103	M 10KOHM J 1/10W
R7050	ERX2FJS3R3D	M 3.3 OHM J 2W	R7173	ERJ6GEYJ103	M 10KOHM J 1/10W
R7051	ERDS1FJ271	C 270 OHM J 1/2W	R7174	ERJ6GEY0R00	M 0 OHM J 1/10W
R7052	ERDS1FJ271	C 270 OHM J 1/2W	R7175	ERJ6GEYJ103	M 10KOHM J 1/10W
R7053	ERDS1FJ271	C 270 OHM J 1/2W	R7177	ERJ6GEYJ103	M 10KOHM J 1/10W
R7054	ERDS1FJ271	C 270 OHM J 1/2W	R7178	ERJ6GEYJ103	M 10KOHM J 1/10W
R7055	ERDS1FJ271	C 270 OHM J 1/2W	R7180	ERJ6GEYJ153	M 15KOHM J 1/10W
R7056	ERDS1FJ271	C 270 OHM J 1/2W	R7181	ERJ6GEYJ153	M 15KOHM J 1/10W
R7057	ERDS2TC0	C 0 OHM 1/4W	R7184	ERJ6GEYJ103	M 10KOHM J 1/10W
R7058	ERDS2TC0	C 0 OHM 1/4W	R7186	ERJ6GEYJ103	M 10KOHM J 1/10W
R7060	ERX1FJSR39D	M 0.39 OHM J 1W	R7188	ERJ6GEYJ103	M 10KOHM J 1/10W
R7061	ERX1FJSR39D	M 0.39 OHM J 1W	R7189	ERJ6GEYJ103	M 10KOHM J 1/10W
R7062	ERDS2TJ102	C 1KOHM J 1/4W	R7190	ERJ6GEYJ103	M 10KOHM J 1/10W
R7063	ERDS2TJ273	C 27KOHM J 1/4W	R7191	ERJ6GEYJ103	M 10KOHM J 1/10W
R7064	ERDS2TJ472	C 4.7KOHM J 1/4W	R7192	ERJ6GEYJ103	M 10KOHM J 1/10W
R7065	ERDS2TJ222	C 2.2KOHM J 1/4W	R7193	ERJ6GEYJ103	M 10KOHM J 1/10W
R7066	ERDS2TJ562	C 5.6KOHM J 1/4W	R7194	ERJ6GEYJ473	M 47KOHM J 1/10W
R7085	ERDS2TJ101	C 100 OHM J 1/4W	R7195	ERJ6GEYJ103	M 10KOHM J 1/10W
R7086	ERDS2TJ101	C 100 OHM J 1/4W	R7196	ERJ6GEYJ103	M 10KOHM J 1/10W
R7087	ERDS2TJ101	C 100 OHM J 1/4W	R7197	ERJ6GEYJ103	M 10KOHM J 1/10W
R7088	ERDS2TJ101	C 100 OHM J 1/4W	R7198	ERJ6GEYJ103	M 10KOHM J 1/10W
R7107	ERJ6GEYJ331	M 330 OHM J 1/10W	R7200	ERJ6GEY0R00	M 0 OHM J 1/10W
R7108	ERJ6GEYJ331	M 330 OHM J 1/10W	R7201	ERJ6GEYJ103	M 10KOHM J 1/10W
R7109	ERJ6GEYJ331	M 330 OHM J 1/10W	R7202	ERJ6GEYJ103	M 10KOHM J 1/10W
R7112	ERJ6GEYJ331	M 330 OHM J 1/10W	R7204	ERJ6GEYJ103	M 10KOHM J 1/10W
R7113	ERJ6GEYJ331	M 330 OHM J 1/10W	R7206	ERJ6GEY0R00	M 0 OHM J 1/10W
R7114	ERJ6GEY0R00	M 0 OHM J 1/10W	R7207	ERJ6GEYJ103	M 10KOHM J 1/10W
R7115	ERJ6GEY0R00	M 0 OHM J 1/10W	R7208	ERJ6GEYJ103	M 10KOHM J 1/10W
R7116	ERJ6GEYJ331	M 330 OHM J 1/10W	R7210	ERJ6GEY0R00	M 0 OHM J 1/10W
R7117	ERJ6GEYJ221	M 220 OHM J 1/10W	R7211	ERJ6GEYJ103	M 10KOHM J 1/10W
R7118	ERJ6GEYJ101	M 100 OHM J 1/10W	R7212	ERJ6GEYJ103	M 10KOHM J 1/10W
R7119	ERJ6GEYJ101	M 100 OHM J 1/10W	R7213	ERJ6GEYJ103	M 10KOHM J 1/10W
R7120	ERJ6GEYJ331	M 330 OHM J 1/10W	R7215	ERJ6GEYJ103	M 10KOHM J 1/10W
R7121	ERJ6GEYJ103	M 10KOHM J 1/10W	R7216	ERJ6GEYJ103	M 10KOHM J 1/10W
R7122	ERJ6GEYJ103	M 10KOHM J 1/10W	R7217	ERJ6GEYJ103	M 10KOHM J 1/10W
R7127	ERJ6GEYJ103	M 10KOHM J 1/10W	R7218	ERJ6GEYJ103	M 10KOHM J 1/10W
R7130	ERJ6GEYJ103	M 10KOHM J 1/10W	R7219	ERJ6GEYJ103	M 10KOHM J 1/10W

Ref. No	Part No.	Description
R7220	ERJ6GEYJ103	M 10KOHM J 1/10W
R7221	ERJ6GEYJ103	M 10KOHM J 1/10W
R7222	ERJ6GEYJ102	M 1KOHM J 1/10W
R7223	ERJ6GEYJ103	M 10KOHM J 1/10W
R7224	ERJ6GEYJ103	M 10KOHM J 1/10W
R7225	ERJ6GEYJ103	M 10KOHM J 1/10W
R7226	ERJ6GEYJ222	M 2.2KOHM J 1/10W
R7227	ERJ6GEYJ102	M 1KOHM J 1/10W
R7228	ERJ6GEYJ103	M 10KOHM J 1/10W
R7229	ERJ6GEYJ103	M 10KOHM J 1/10W
R7230	ERJ6GEYJ103	M 10KOHM J 1/10W
R7231	ERJ6GEYJ222	M 2.2KOHM J 1/10W
R7232	ERJ6GEYJ103	M 10KOHM J 1/10W
R7233	ERJ6GEYJ102	M 1KOHM J 1/10W
R7234	ERJ6GEYJ103	M 10KOHM J 1/10W
R7235	ERJ6GEYJ103	M 10KOHM J 1/10W
R7236	ERJ6GEYJ222	M 2.2KOHM J 1/10W
R7237	ERJ6GEYJ103	M 10KOHM J 1/10W
R7238	ERJ6GEYJ103	M 10KOHM J 1/10W
R7239	ERJ6GEYJ103	M 10KOHM J 1/10W
R7240	ERJ6GEYJ103	M 10KOHM J 1/10W
R7241	ERJ6GEYJ332	M 3.3KOHM J 1/10W
R7242	ERJ6GEYJ103	M 10KOHM J 1/10W
R7243	ERJ6GEYJ103	M 10KOHM J 1/10W
R7244	ERJ6GEYJ103	M 10KOHM J 1/10W
R7245	ERJ6GEYJ223	M 22KOHM J 1/10W
R7246	ERJ6GEYOR00	M 0 OHM J 1/10W
R7247	ERJ6GEYJ221	M 220 OHM J 1/10W
R7248	ERJ6GEYJ221	M 220 OHM J 1/10W
R7249	ERJ6GEYJ221	M 220 OHM J 1/10W
R7250	ERJ6GEYJ221	M 220 OHM J 1/10W
R7251	ERJ6GEYJ391	M 390 OHM J 1/10W
R7252	ERJ6GEYJ103	M 10KOHM J 1/10W
R7253	ERJ6GEYJ223	M 22KOHM J 1/10W
R7254	ERJ6GEYJ223	M 22KOHM J 1/10W
R7255	ERJ6GEYJ103	M 10KOHM J 1/10W
R7256	ERJ6GEYJ223	M 22KOHM J 1/10W
R7257	ERJ6GEYJ223	M 22KOHM J 1/10W
R7258	ERJ6GEYJ103	M 10KOHM J 1/10W
R7259	ERJ6GEYJ103	M 10KOHM J 1/10W
R7260	ERJ6GEYJ103	M 10KOHM J 1/10W
R7261	ERJ6GEYJ103	M 10KOHM J 1/10W
R7262	ERJ6GEYJ223	M 22KOHM J 1/10W
R7263	ERJ6GEYJ223	M 22KOHM J 1/10W
R7264	ERJ6GEYJ104	M 100KOHM J 1/10W
R7265	ERJ6GEYJ104	M 100KOHM J 1/10W
R7266	ERJ6GEYJ104	M 100KOHM J 1/10W
R7267	ERJ6GEYJ104	M 100KOHM J 1/10W
R7268	ERJ6GEYJ104	M 100KOHM J 1/10W
R7269	ERJ6GEYJ104	M 100KOHM J 1/10W
R7270	ERJ6ENF2702	M 27KOHM 1/10W
R7272	ERJ6ENF2702	M 27KOHM 1/10W
R7273	ERJ6ENF2702	M 27KOHM 1/10W
R7276	ERJ6ENF3902	M 39KOHM 1/10W
R7277	ERJ6ENF3902	M 39KOHM 1/10W
R7278	ERJ6ENF3902	M 39KOHM 1/10W
R7280	ERJ6GEYJ103	M 10KOHM J 1/10W
R7281	ERJ6GEYJ103	M 10KOHM J 1/10W
R7282	ERJ6GEYJ103	M 10KOHM J 1/10W
R7283	ERJ6ENF4702	M 47KOHM 1/10W
R7284	ERJ6ENF4702	M 47KOHM 1/10W
R7285	ERJ6ENF4702	M 47KOHM 1/10W
R7290	ERJ6ENF4702	M 47KOHM 1/10W
R7292	ERJ6ENF4702	M 47KOHM 1/10W
R7294	ERJ6ENF4702	M 47KOHM 1/10W
R7295	ERJ6GEYJ103	M 10KOHM J 1/10W
R7296	ERJ6GEYJ103	M 10KOHM J 1/10W
R7297	ERJ6GEYJ103	M 10KOHM J 1/10W
R7298	ERJ6ENF1001	M 1KOHM 1/10W
R7299	ERJ6ENF3902	M 39KOHM 1/10W

Ref. No	Part No.	Description
R7300	ERJ6ENF3902	M 39KOHM 1/10W
R7301	ERJ6ENF3902	M 39KOHM 1/10W
R7304	ERJ6ENF2702	M 27KOHM 1/10W
R7305	ERJ6ENF2702	M 27KOHM 1/10W
R7306	ERJ6ENF2702	M 27KOHM 1/10W
R7308	ERJ6ENF1001	M 1KOHM 1/10W
R7309	ERJ6ENF1001	M 1KOHM 1/10W
R7310	ERJ6ENF1001	M 1KOHM 1/10W
R7311	ERJ6ENF1001	M 1KOHM 1/10W
R7312	ERJ6ENF1001	M 1KOHM 1/10W
R7313	ERJ6GEYOR00	M 0 OHM J 1/10W
R7315	ERJ6GEYOR00	M 0 OHM J 1/10W
R7316	ERJ6GEYOR00	M 0 OHM J 1/10W
R7317	ERJ6GEYOR00	M 0 OHM J 1/10W
R7318	ERJ6GEYOR00	M 0 OHM J 1/10W
R7319	ERJ6GEYJ221	M 220 OHM J 1/10W
R7320	ERJ6GEYJ221	M 220 OHM J 1/10W
R7321	ERJ6GEYJ221	M 220 OHM J 1/10W
R7322	ERJ6GEYJ221	M 220 OHM J 1/10W
R7323	ERJ6GEYOR00	M 0 OHM J 1/10W
R7324	ERJ6GEYOR00	M 0 OHM J 1/10W
R7326	ERJ6GEYJ103	M 10KOHM J 1/10W
R7331	ERJ6GEYJ333	M 33KOHM J 1/10W
R7332	ERJ6GEYJ273	M 27KOHM J 1/10W
R7337	ERJ6GEYJ394	M 390KOHM J 1/10W
R7338	ERJ6GEYJ182	M 1.8KOHM J 1/10W
R7339	ERJ6GEYJ222	M 2.2KOHM J 1/10W
R7340	ERJ6GEYJ105	M 1MOHM J 1/10W
R7341	ERJ6GEYJ102	M 1KOHM J 1/10W
R7347	ERJ6GEYJ471	M 470 OHM J 1/10W
R7348	ERJ6GEYJ102	M 1KOHM J 1/10W
R7349	ERJ6GEYJ103	M 10KOHM J 1/10W
R7350	ERJ6GEYJ103	M 10KOHM J 1/10W
R7351	ERJ6GEYJ122	M 1.2KOHM J 1/10W
R7352	ERJ6GEYJ102	M 1KOHM J 1/10W
R7353	ERJ6GEYJ394	M 390KOHM J 1/10W
R7354	ERJ6GEYJ394	M 390KOHM J 1/10W
R7355	ERJ6GEYJ564	M 560KOHM J 1/10W
R9601	ER0S2CKF6801	M 6.8KOHM F 1/4W
R9602	ERDS2TJ823	C 82KOHM J 1/4W
R9603	ER0S2CKF1002	M 10KOHM F 1/4W
R9604	ER0S2CKF1002	M 10KOHM F 1/4W
R9605	ERDS2TJ102	C 1KOHM J 1/4W
R9606	ERDS2TJ101	C 100 OHM J 1/4W
R9607	ERDS2TJ102	C 1KOHM J 1/4W
R9608	ER0S2CKF3321	M 3.32KOHM F 1/4W
R9610	ERDS2TJ473	C 47KOHM J 1/4W
R9611	ERDS2TJ273	C 27KOHM J 1/4W
R9612	ERDS2TJ103	C 10KOHM J 1/4W
R9613	ERDS2TJ823	C 82KOHM J 1/4W
R9614	ER0S2CKF2212	M 22.1KOHM F 1/4W
R9615	ERDS2TJ332	C 3.3KOHM J 1/4W
R9616	ERDS2TJ101	C 100 OHM J 1/4W
R9617	ER0S2CKF1001	M 1KOHM F 1/4W
R9618	ER0S2CKF7150	M 715 OHM F 1/4W
R9620	ERDS2TJ683	C 68KOHM J 1/4W
R9621	ER0S2CKF1002	M 10KOHM F 1/4W
R9622	ER0S2CKF6811	M 6.81KOHM F 1/4W
R9623	ERDS2TJ821	C 820 OHM J 1/4W
R9624	ERDS2TJ101	C 100 OHM J 1/4W
R9626	ER0S2CKF4701	M 4.7KOHM F 1/4W
R9627	ER0S2CKF3321	M 3.32KOHM F 1/4W
R9631	ERDS2TJ471	C 470 OHM J 1/4W
R9632	ERDS2TJ103	C 10KOHM J 1/4W
R9640	ER0S2CKF4752	M 4.75KOHM F 1/4W
R9641	ER0S2CKF2212	M 22.1KOHM F 1/4W
R9642	ER0S2CKF8251	M 8.25KOHM F 1/4W
R9643	ER0S2CKF1211	M 1.21KOHM F 1/4W
R9645	ER0S2CKF1801	M 1.8KOHM F 1/4W
R9649	ERDS2TJ562	C 5.6KOHM J 1/4W

Ref. No	Part No.	Description					Ref. No	Part No.	Description				
R9650	ERDS2TJ182	C	1.8KOHM	J	1/4W		C134	ECJ2VF1H103Z	C	0.01UF	Z	50V	
R9656	ERDS2TJ471	C	470 OHM	J	1/4W		C135	ECJ2VF1H103Z	C	0.01UF	Z	50V	
R9657	ERDS2TJ561	C	560 OHM	J	1/4W		C136	ECJ2VF1H103Z	C	0.01UF	Z	50V	
R9658	ERDS2TJ103	C	10KOHM	J	1/4W		C144	ECEA1CKA101	E	100UF		16V	
R9659	ERDS2TJ563	C	56KOHM	J	1/4W		C150	ECJ2VF1H103Z	C	0.01UF	Z	50V	
R9662	ERX1FJS1R0D	M	1.0 OHM	J	1W		C151	ECEA1AKA221	E	220UF		10V	
R9663	ERX1FJS1R0D	M	1.0 OHM	J	1W		C155	ECEA1CKA101	E	100UF		16V	
R9664	ERDS1FJ122	C	1.2KOHM	J	1/2W		C156	ECJ2VF1H103Z	C	0.01UF	Z	50V	
R9665	ERDS2TJ562	C	5.6KOHM	J	1/4W		C157	ECUX1H030CRX	C	3PF	C	50V	
R9666	ERDS2TJ563	C	56KOHM	J	1/4W		C158	ECUX1H180JCX	C	18PF	J	50V	
R9667	ERDS2TJ332	C	3.3KOHM	J	1/4W		C159	ECJ2VF1H103Z	C	0.01UF	Z	50V	
R9668	ERDS2TJ563	C	56KOHM	J	1/4W		C160	ECEA1CKA330	E	33UF		16V	
R9669	ERDS2TJ472	C	4.7KOHM	J	1/4W		C161	ECEA1HKAR47	E	0.47UF		50V	
R9670	ERDS2TJ333	C	33KOHM	J	1/4W		C162	ECUX1H681JCX	C	680PF	J	50V	
R9671	ERDS2TJ393	C	39KOHM	J	1/4W		C164	ECJ2VF1H103Z	C	0.01UF	Z	50V	
R9672	ERDS2TJ471	C	470 OHM	J	1/4W		C165	ECEA1CKA101	E	100UF		16V	
R9673	ERDS2TJ102	C	1KOHM	J	1/4W		C166	ECUX1H331JCX	C	330PF	J	50V	
R9674	ERDS2TJ471	C	470 OHM	J	1/4W		C167	ECEA1CKA101	E	100UF		16V	
R9675	ERDS2TJ561	C	560 OHM	J	1/4W		C182	ECJ2VF1H103Z	C	0.01UF	Z	50V	
R9676	ERDS2TJ103	C	10KOHM	J	1/4W		C190	ECJ2VF1H103Z	C	0.01UF	Z	50V	
R9677	ERDS2TJ182	C	1.8KOHM	J	1/4W		C191	ECJ2VF1H103Z	C	0.01UF	Z	50V	
R9680	ERDS2TJ472	C	4.7KOHM	J	1/4W		C201	ECUX1H180JRX	C	18PF	J	50V	
R9681	ERDS2TJ333	C	33KOHM	J	1/4W		C301	ECQV1H104JM	P	0.1UF	J	50V	
R9682	ERDS2TJ393	C	39KOHM	J	1/4W		C302	ECA1HM4R7	E	4.7UF		50V	
R9683	ERDS2TJ471	C	470 OHM	J	1/4W		C306	ECA1HM100	E	10UF		50V	
R9684	ERDS2TJ102	C	1KOHM	J	1/4W		C310	ECA1HM010	E	1UF		50V	
R9689	ER0S2CKF6800	M	680 OHM	F	1/4W		C351	ECA2EM100	E	10UF		250V	
R9966	ERDS2TJ561	C	560 OHM	J	1/4W		C353	ECKD2H103PU	C	0.01UF	P	500V	
R9967	ERDS2TJ223	C	22KOHM	J	1/4W		C354	ECA1HM100	E	10UF		50V	
	CAPACITORS						C356	ECKD3D332KBN	C	3300PF	K	2KV	
C003	ECA1HM470	E	47UF		50V		C357	ECQB1H104KF	P	0.1UF	K	50V	
C008	ECA1CM101	E	100UF		16V		C359	ECKD3D102KB4	C	1000PF	K	2KV	
C009	ECJ2VF1H103Z	C	0.01UF	Z	50V		C360	ECA1VM470	E	47UF		35V	
C010	ECA1CM101	E	100UF		16V		C361	ECKF1H101KB	C	100PF	K	50V	
C011	ECA1HM4R7	E	4.7UF		50V		C363	ECKD3D102KB4	C	1000PF	K	2KV	
C012	ECA1HM330	E	33UF		50V		C364	ECA1VM470	E	47UF		35V	
C015	ECJ2VF1H103Z	C	0.01UF	Z	50V		C365	ECKF1H101KB	C	100PF	K	50V	
C016	ECA1CM102	E	1000UF		16V		C371	ECA2EM100	E	10UF		250V	
C019	ECUX1H010CCX	C	1PF	C	50V		C373	ECKD2H103PU	C	0.01UF	P	500V	
C020	ECUX1H010CCX	C	1PF	C	50V		C374	ECA1HM100	E	10UF		50V	
C021	ECUX1H010CCX	C	1PF	C	50V		C376	ECKD3D332KBN	C	3300PF	K	2KV	
C052	ECJ2VF1H103Z	C	0.01UF	Z	50V		C377	ECQB1H104KF	P	0.1UF	K	50V	
C054	ECA1CM101	E	100UF		16V		C379	ECKD3D102KB4	C	1000PF	K	2KV	
C057	ECA1CM102	E	1000UF		16V		C380	ECA1VM470	E	47UF		35V	
C061	ECA1HM4R7	E	4.7UF		50V		C381	ECKF1H101KB	C	100PF	K	50V	
C062	ECJ2VF1H103Z	C	0.01UF	Z	50V		C382	ECKD2H103ZU	C	0.01UF	Z	500V	
C063	ECA1CM102	E	1000UF		16V		C391	ECA2EM100	E	10UF		250V	
C064	ECJ2VF1H103Z	C	0.01UF	Z	50V		C393	ECKD2H103PU	C	0.01UF	P	500V	
C065	ECJ2VF1H103Z	C	0.01UF	Z	50V		C394	ECA1HM100	E	10UF		50V	
C067	ECA1CM221	E	220UF		16V		C396	ECKD3D332KBN	C	3300PF	K	2KV	
C068	ECA1CM101	E	100UF		16V		C397	ECQB1H104KF	P	0.1UF	K	50V	
C069	ECJ2VF1H103Z	C	0.01UF	Z	50V		C402	ECUX1H470JCX	C	47PF	J	50V	
C070	ECJ2VF1H103Z	C	0.01UF	Z	50V		C410	ECQB1H103JF	P	0.01UF	J	50V	
C072	ECA1CM471	E	470UF		16V		C412	ECUX1H221KBX	C	220PF	K	50V	
C110	ECJ2VF1H103Z	C	0.01UF	Z	50V		C420	ECQB1H222JF	P	2200PF	J	50V	
C111	ECJ2VF1H103Z	C	0.01UF	Z	50V		C421	ECEA1CN220U	E	22UF		16V	
C112	ECJ2VF1H103Z	C	0.01UF	Z	50V		C441	ECKF1H121KB	C	120PF	K	50V	
C113	ECEA1HKAR22	E	0.22UF		50V		C442	ECKF1H152KB	C	1500PF	K	50V	
C114	ECJ2VF1H103Z	C	0.01UF	Z	50V		C443	ECEA1HN010U	E	1UF		50V	
C115	ECEA1HKNR22	E	0.22UF		50V		C444	ECKF1H103ZF	C	0.01UF	Z	50V	
C116	ECJ2VF1H103Z	C	0.01UF	Z	50V		C445	ECA1HM220	E	22UF		50V	
C120	ECJ2VF1H103Z	C	0.01UF	Z	50V		C446	ECQV1H104JM	P	0.1UF	J	50V	
C121	ECJ2VF1H103Z	C	0.01UF	Z	50V		C450	ECQB1H102JF	P	1000PF	J	50V	
C122	ECJ2VF1H103Z	C	0.01UF	Z	50V		C451	ECA1HM102	E	1000UF		50V	
C123	ECJ2VF1H103Z	C	0.01UF	Z	50V		C452	ECA1HHG101	E	100UF		50V	
C124	ECJ2VF1H103Z	C	0.01UF	Z	50V		C453	ECQV1H823JM	P	0.082UF	J	50V	
C130	ECJ2VF1H103Z	C	0.01UF	Z	50V		C454	ECA1VM222	E	2200UF		35V	
C131	ECJ2VF1H103Z	C	0.01UF	Z	50V		C455	ECA1HM2R2	E	2.2UF		50V	
C132	ECJ2VF1H103Z	C	0.01UF	Z	50V		C456	ECQB1152JF	P	1500PF	J	100V	
C133	ECJ2VF1H103Z	C	0.01UF	Z	50V		C461	ECA1VM470	E	47UF		35V	

Ref. No	Part No.	Description	Ref. No	Part No.	Description
C462	ECJ2VF1H103Z	C 0.01UF Z 50V	C756	ECQE1335KF	P 3.3UF K 100V
C463	ECQB1H104JF	P 0.1UF J 100V	C771	ECA1HHG2R2	E 2.2UF 50V
C465	ECQB1H334KF	P 0.33UF K 50V	C772	ECSF1VE334V	T 0.33UF 35V
C466	ECKF1H103ZF	C 0.01UF Z 50V	C773	ECA1HM2R2	E 2.2UF 50V
C467	ECA1HM220	E 22UF 50V	C774	ECQB1H223JF	P 0.022UF J 50V
C468	ECKF1H103ZF	C 0.01UF Z 50V	C775	ECA1CM102	E 1000UF 16V
C499	ECA1CM221	E 220UF 16V	C776	ECCF1H390J	C 39PF J 50V
C501	ECQV1H104JM	P 0.1UF J 50V	C777	ECQB1H473JF	P 0.047UF J 50V
C503	ECJ2VF1H103Z	C 0.01UF Z 50V	C801	ECKDAE472ZE	C 4700PF Z
C504	ECA1HM4R7	E 4.7UF 50V	C802	ECKDAE472ZE	C 4700PF Z
C505	ECQB1H822JF	P 8200PF J 50V	C803	ECKDAE472ZE	C 4700PF Z
C506	ECJ2VF1H103Z	C 0.01UF Z 50V	C804	ECKDAE472ZE	C 4700PF Z
C507	ECA1CM102	E 1000UF 16V	C805	ECKD3A472KBP	C 4700PF K 1KV
C508	ECQB1H103JF	P 0.01UF J 50V	C806	ECA2WHG4R7	E 4.7UF (for TX-43/51P15X) 450V
C509	ECA1HM010	E 1UF 50V	C807	ECA2WHG4R7	E 4.7UF (for TX-43/51P15X) 450V
C510	ECJ2VF1H103Z	C 0.01UF Z 50V	C808	ECQB1H681JF	P 680PF J 50V
C511	ECA1CM101	E 100UF 16V	C809	ECQB1H473JF	P 0.047UF J 50V
C512	ECJ2VF1H103Z	C 0.01UF Z 50V	C810	ECQE2A473KF	P 0.047UF M 250V
C538	ECUX1H120JCX	C 12PF J 50V	C811	ECA1VHG470	E 47UF 35V
C549	ECEA160V33Z	E 33UF 160V	C812	ECA1HHG330	E 33UF 50V
C551	ECKD3D221JBN	C 220PF J 2KV	C813	ECQV1H104JM	P 0.1UF J 50V
C552	ECKD3D152JBN	C 1500PF J 2KV	C814	ECQB1H223JF	P 0.022UF J 50V
C553	ECKD3D152JBN	C 1500PF J 2KV	C815	ECA1HM4R7	E 4.7UF 50V
C554	ECQB1H333JF	P 0.033UF J 50V	C816	ECKCNA471MBB	C 470PF M
C555	ECWH16392JVY	P 3900UF J 1.6KV	C817	ECKCNA471MBB	C 470PF M
C556	ECKD3D561JBN	C 560PF J 2KV	C818	EC0S2GP181BB	E 180UF 400V
C557	ECWH16103JVB	P 0.01UF J 1.6KV	C818	EC0S2EP471BB	E 470UF (for TX-43/51P15H/HQ/HZ) 250V
C558	ECQF4273JZ	P 0.027UF J 400V	C819	EC0S2EP471BB	E 470UF (for TX-43/51P15X) 250V
C559	ECWF2474JSR	P 0.47UF J 250V	C820	ECA1CM101	E 100UF 16V
C560	ECEA2CN010S	E 1UF 160V	C821	ECJ2VF1H103Z	C 0.01UF Z 50V
C570	ECKD2H102KB2	C 1000PF K 500V	C822	ECA1CM101	E 100UF 16V
C571	ECA2EM470	E 47UF 250V	C824	ECJ2VF1H103Z	C 0.01UF Z 50V
C575	ECKD2H561KB2	C 560PF K 500V	C825	ECQV1H823JM	P 0.082UF J 50V
C584	ECKD2H471KB2	C 470PF K 500V	C828	EC0S2EP471BB	E 470UF (for TX-43/51P15X) 250V
C585	ECA1VM102	E 1000UF 35V	C829	ECA1CM471	E 470UF 16V
C586	ECQE12473KF	P 0.047UF K 1.2KV	C830	EC0S2GP181BB	E 180UF (for TX-43/51P15H/HQ/HZ) 400V
C590	ECKD2H332KB2	C 3300PF K 500V	C830	EC0S2EP471BB	E 470UF (for TX-43/51P15X) 250V
C591	ECKD2H332KB2	C 3300PF K 500V	C830	EC0S2EP471BB	E 470UF (for TX-43/51P15X) 250V
C601	ECJ2VF1H103Z	C 0.01UF Z 50V	C831	ECKD3D272KBP	C 2700PF K 2KV
C602	ECJ2VF1H103Z	C 0.01UF Z 50V	C832	ECKD3D821KBP	C 820PF K 2KV
C603	ECUX1H120JCX	C 12PF J 50V	C833	EC0S2CA471BB	E 470UF 160V
C613	ECA1HM4R7	E 4.7UF 50V	C834	ECKD3A472KBP	C 4700PF K 1KV
C615	ECA1CM101	E 100UF 16V	C835	ECKD3A471KBP	C 470PF K 1KV
C616	ECJ2VF1H103Z	C 0.01UF Z 50V	C836	EEUFC1E272	E 2700UF 25V
C617	ECQV1H104JM	P 0.1UF J 50V	C837	ECA1VM470	E 47UF 35V
C618	ECA1HMR47	E 0.47UF 50V	C838	ECA1CHG101	E 100UF 50V
C619	ECQV1H474JM	P 0.47UF J 50V	C839	ECJ2VF1H103Z	C 0.01UF Z 50V
C620	EEUFC1C560	E 56UF 16V	C840	ECA1EM102	E 1000UF 25V
C621	ECJ2VF1H103Z	C 0.01UF Z 50V	C841	ECA1CM331	E 330UF 16V
C622	ECJ2VF1H103Z	C 0.01UF Z 50V	C842	EEUFC1H102	E 1000UF 50V
C623	ECA1CM471	E 470UF 16V	C843	EEUFC1E102	E 1000UF 25V
C624	ECQV1H104JM	P 0.1UF J 50V	C844	ECKF1H471KB	C 470PF K 50V
C625	ECQV1H104JM	P 0.1UF J 50V	C845	ECKF1H101KB	C 100PF K 50V
C626	ECQV1H104JM	P 0.1UF J 50V	C848	ECA1VM471	E 470UF 35V
C627	ECJ2VF1H103Z	C 0.01UF Z 50V	C850	ECQM4153KZ	P 0.015UF K 400V
C628	ECA1HM010	E 1UF 50V	C852	ECKD3D102KBP	C 1000PF K 2KV
C631	ECJ2VF1H103Z	C 0.01UF Z 50V	C853	ECKF1H103ZF	C 0.01UF Z 50V
C632	ECEA1HNR47U	E 0.47UF 50V	C854	ECQV1H104JM	P 0.1UF J 50V
C633	ECEA1HN4R7U	E 4.7UF 50V			
C634	ECEA1HN4R7U	E 4.7UF 50V			
C635	EEANA1E4R7	E 4.7UF 25V			
C636	EEANA1E4R7	E 4.7UF 25V			
C637	ECJ2VF1H103Z	C 0.01UF Z 50V			
C638	ECUX1H680JCX	C 68PF J 50V			
C666	ECQV1H104JM	P 0.1UF J 50V			
C667	ECQV1H104JM	P 0.1UF J 50V			
C676	ECA1VM470	E 47UF 35V			
C684	ECA1CM102	E 1000UF 16V			
C685	ECJ2VF1H103Z	C 0.01UF Z 50V			
C755	ECA1VM470	E 47UF 35V			

Ref. No	Part No.	Description					Ref. No	Part No.	Description				
	C855	ECKD2H152KB2	C	1500PF	K	500V		C1110	ECUX1H331KBX	C	330PF	K	50V
	C856	ECA1VM470	E	47UF		35V		C1111	ECJ2VF1H103Z	C	0.01UF	Z	50V
	C857	ECA1CM101	E	100UF		16V		C1114	ECJ2VF1H103Z	C	0.01UF	Z	50V
	C858	ECA1HM4R7	E	4.7UF		50V		C1120	ECJ2VF1H103Z	C	0.01UF	Z	50V
	C860	ECJ2VF1H103Z	C	0.01UF	Z	50V		C1144	ECUX1H101JCX	C	100PF	J	50V
	C861	ECA1CM101	E	100UF		16V		C1203	ECA1HM2R2	E	2.2UF		50V
	C862	ECA1CM101	E	100UF		16V		C1205	ECA1HM2R2	E	2.2UF		50V
	C863	ECA1VHG332	E	3300UF		35V		C1209	ECUX1H220JCX	C	22PF	J	50V
	C864	ECKD3A471KBP	C	470PF	K	1KV		C1210	ECUX1H220JCX	C	22PF	J	50V
	C866	ECA1CM471	E	470UF		16V		C1213	ECJ2VF1H103Z	C	0.01UF	Z	50V
	C868	ECJ2VF1H103Z	C	0.01UF	Z	50V		C1215	ECUX1H101JCX	C	100PF	J	50V
	C869	ECA1CM471	E	470UF		16V		C1221	ECJ2VF1H103Z	C	0.01UF	Z	50V
Δ	C870	ECQU2A224MN	P	0.22UF	M	250V		C1222	ECA1CM471	E	470UF		16V
Δ	C871	ECQU2A224MN	P	0.22UF	M	250V		C1223	ECJ2VF1H103Z	C	0.01UF	Z	50V
Δ	C873	ECKCNA332MEB	C	3300PF	M			C1225	ECUX1H221KBX	C	220PF	K	50V
	C874	ECKCNA222MEB	C	2200PF	M			C1228	ECUX1H151JCX	C	150PF	J	50V
Δ	C875	ECKCNA332MEB	C	3300PF	M			C1233	ECA1HM100	E	10UF		50V
	C876	ECEA1HKAR47	E	0.47UF		50V		C1241	ECUX1H680JCX	C	68PF	J	50V
	C877	ECQV1H104JM	P	0.1UF	J	50V		C1242	ECUX1H680JCX	C	68PF	J	50V
	C881	ECCF1H681J	C	680PF	J	50V		C1243	ECUX1H680JCX	C	68PF	J	50V
	C883	ECA2WM220	E	22UF		450V		C1244	ECUX1H330JCX	C	33PF	J	50V
	C884	ECQV1H104JM	P	0.1UF	J	50V		C1251	ECJ2VF1H103Z	C	0.01UF	Z	50V
	C885	ECKF1H101KB	C	100PF	K	50V		C1252	ECJ2VF1H103Z	C	0.01UF	Z	50V
	C886	ECCD3D270KGE	C	27PF	K	2KV		C1253	ECUX1H101JCX	C	100PF	J	50V
	C888	ECKD3A392KBN	C	3900PF	K	1KV		C1301	ECA1CM101	E	100UF		16V
	C890	ECKD2H102KB2	C	1000PF	K	500V		C1311	ECJ2VF1H103Z	C	0.01UF	Z	50V
	C891	ECA1VM221	E	220UF		35V		C1312	ECEA1CN470U	E	47UF		16V
	C892	ECA1VM221	E	220UF		35V		C1313	ECUX1H680JCX	C	68PF	J	50V
	C893	ECKD3D681KBP	C	680PF	K	2KV		C1314	ECUX1H101JCX	C	100PF	J	50V
	C894	ECA1VMH470	E	47UF		35V		C1315	ECEA1CN100U	E	10UF		16V
	C895	ECA1HMH100	E	10UF		50V		C1320	ECJ2VF1H103Z	C	0.01UF	Z	50V
	C897	ECKD3A471KBP	C	470PF	K	1KV		C1321	ECEA1CN470U	E	47UF		16V
	C898	ECA1VHG332	E	3300UF		35V		C1322	ECUX1H150JCX	C	15PF	J	50V
	C899	ECKD3A471KBP	C	470PF	K	1KV		C1323	ECUX1H330JCX	C	33PF	J	50V
	C941	ECA1HM100	E	10UF		50V		C1324	ECEA1CN100U	E	10UF		16V
	C942	ECJ2VF1H473Z	C	0.047UF	Z	50V		C1330	ECJ2VF1H103Z	C	0.01UF	Z	50V
	C944	ECUX1H103KBX	C	0.01UF	K	50V		C1331	ECEA1CN470U	E	47UF		16V
	C956	ECQM2103JZ	P	0.01UF	J	200V		C1332	ECUX1H150JCX	C	15PF	J	50V
	C957	ECKF1H103ZF	C	0.01UF	Z	50V		C1333	ECUX1H330JCX	C	33PF	J	50V
	C958	ECKF1H102ZF	C	1000PF	Z	50V		C1334	ECEA1CN100U	E	10UF		16V
	C959	ECKF1H102KB	C	1000PF	K	50V		C1345	ECA1HM100	E	10UF		50V
	C961	ECA1CM101	E	100UF		16V		C1346	ECJ2VF1H103Z	C	0.01UF	Z	50V
	C962	ECA1CM101	E	100UF		16V		C1350	ECA1CM101	E	100UF		16V
	C963	ECA1CM101	E	100UF		16V		C1351	ECJ2VF1H103Z	C	0.01UF	Z	50V
	C964	ECA1CM101	E	100UF		16V		C1352	ECJ2VF1H103Z	C	0.01UF	Z	50V
	C965	ECA2CM100	E	10UF		160V		C1353	ECJ2VF1H103Z	C	0.01UF	Z	50V
	C966	ECA2CM100	E	10UF		160V		C1354	ECJ2VF1H103Z	C	0.01UF	Z	50V
	C967	ECKD2H472MD	C	4700PF	M	500V		C1355	ECJ2VF1H103Z	C	0.01UF	Z	50V
	C968	ECA1CM101	E	100UF		16V		C1356	ECJ2VF1H103Z	C	0.01UF	Z	50V
	C972	ECCD2H331J	C	330PF	J	500V		C1357	ECJ2VF1H103Z	C	0.01UF	Z	50V
	C973	ECCD2H331J	C	330PF	J	500V		C1358	ECJ2VF1H103Z	C	0.01UF	Z	50V
	C974	ECCD2H151J	C	150PF	J	500V		C1359	ECJ2VF1H103Z	C	0.01UF	Z	50V
	C975	ECKF1H101KB	C	100PF	K	50V		C1360	ECJ2VF1H103Z	C	0.01UF	Z	50V
	C976	ECKF1H101KB	C	100PF	K	50V		C1370	ECA1CM101	E	100UF		16V
	C977	ECKF1H101KB	C	100PF	K	50V		C1371	ECJ2VF1H103Z	C	0.01UF	Z	50V
	C978	ECKF1H101KB	C	100PF	K	50V		C1372	ECJ2VF1H103Z	C	0.01UF	Z	50V
	C1040	ECQB1H223JF	P	0.022UF	J	50V		C1373	ECJ2VF1H103Z	C	0.01UF	Z	50V
	C1041	ECA1HM470	E	47UF		50V		C1374	ECJ2VF1H103Z	C	0.01UF	Z	50V
	C1043	ECA1HM470	E	47UF		50V		C1375	ECJ2VF1H103Z	C	0.01UF	Z	50V
	C1046	ECA1CM221	E	220UF		16V		C1376	ECJ2VF1H103Z	C	0.01UF	Z	50V
	C1047	ECEA1HN010U	E	1UF		50V		C1377	ECJ2VF1H103Z	C	0.01UF	Z	50V
	C1048	EEANA1E1R0	E	1UF		25V		C1378	ECJ2VF1H103Z	C	0.01UF	Z	50V
	C1050	ECKF1H103ZF	C	0.01UF	Z	50V		C1379	ECJ2VF1H103Z	C	0.01UF	Z	50V
	C1051	ECKF1H103ZF	C	0.01UF	Z	50V		C1380	ECJ2VF1H103Z	C	0.01UF	Z	50V
	C1061	ECA50YT2R2K	E	2.2UF		50V		C1381	ECJ2VF1H103Z	C	0.01UF	Z	50V
	C1062	ECA50YT2R2K	E	2.2UF		50V		C1382	ECJ2VF1H103Z	C	0.01UF	Z	50V
	C1106	ECUX1H102KBX	C	1000PF	K	50V		C1391	ECJ2VF1H103Z	C	0.01UF	Z	50V
	C1107	ECJ2VF1H103Z	C	0.01UF	Z	50V		C1401	ECA1CM101	E	100UF		16V
	C1108	ECA1CM471	E	470UF		16V		C1402	ECJ2VF1H103Z	C	0.01UF	Z	50V
	C1109	ECA1CM221	E	220UF		16V		C1403	ECJ2VF1H103Z	C	0.01UF	Z	50V

Ref. No	Part No.	Description				
C1404	ECJ2VF1H103Z	C	0.01UF	Z	50V	
C1406	ECJ2VF1H103Z	C	0.01UF	Z	50V	
C1407	ECJ2VF1H103Z	C	0.01UF	Z	50V	
C1408	ECJ2VF1H103Z	C	0.01UF	Z	50V	
C1409	ECJ2VF1H103Z	C	0.01UF	Z	50V	
C1410	ECJ2VF1H103Z	C	0.01UF	Z	50V	
C1411	ECJ2VF1H103Z	C	0.01UF	Z	50V	
C1412	ECJ2VF1H103Z	C	0.01UF	Z	50V	
C1420	ECA1VM470	E	47UF		35V	
C1421	ECA1CM101	E	100UF		16V	
C1422	ECJ2VF1H103Z	C	0.01UF	Z	50V	
C1423	ECA1HM220	E	22UF		50V	
C1424	ECJ2VF1H103Z	C	0.01UF	Z	50V	
C1425	ECJ2VF1H103Z	C	0.01UF	Z	50V	
C1426	ECA1HM220	E	22UF		50V	
C1427	ECJ2VF1H103Z	C	0.01UF	Z	50V	
C1428	ECJ2VB1C104K	C	0.1UF	K	16V	
C1430	ECA1HM220	E	22UF		50V	
C1462	ECJ2VF1H103Z	C	0.01UF	Z	50V	
C1463	ECEA1CN470U	E	47UF		16V	
C1501	ECKF1H101KB	C	100PF	K	50V	
C1502	ECA1HM220	E	22UF		50V	
C1516	ECKF1H103ZF	C	0.01UF	Z	50V	
C1551	ECEA1EN101U	E	100UF		25V	
C1552	ECA1CM101	E	100UF		16V	
C1553	ECQB1H683JF	P	0.068UF	J	50V	
C1571	ECKD2H181KB2	C	180PF	K	500V	
C1581	ECKF1H102KB	C	1000PF	K	50V	
C1582	ECA1HM470	E	47UF		50V	
C1583	ECA1HM220	E	22UF		50V	
C1584	ECA1VM470	E	47UF		35V	
C1585	ECA1CM221	E	220UF		16V	
C1586	ECKF1H103ZF	C	0.01UF	Z	50V	
C1587	ECA1HM470	E	47UF		50V	
C1590	ECEA1HN100U	E	10UF		50V	
C1591	ECEA1CN470U	E	47UF		16V	
C1607	ECA1CM221	E	220UF		16V	
C1608	ECJ2VB1C104K	C	0.1UF	K	16V	
C1609	ECJ2VB1C104K	C	0.1UF	K	16V	
C1610	ECJ2VB1C104K	C	0.1UF	K	16V	
C1612	ECJ2VB1C104K	C	0.1UF	K	16V	
C1613	ECJ2VB1C104K	C	0.1UF	K	16V	
C1614	ECJ2VB1C104K	C	0.1UF	K	16V	
C1622	ECUX1H470JCX	C	47PF	J	50V	
C1623	ECJ2VB1C104K	C	0.1UF	K	16V	
C1624	ECJ2VF1H103Z	C	0.01UF	Z	50V	
C1625	ECA1CM101	E	100UF		16V	
C1627	ECJ2VF1H103Z	C	0.01UF	Z	50V	
C1628	ECA1CM101	E	100UF		16V	
C1639	ECA1HM2R2	E	2.2UF		50V	
C1640	ECJ2VB1C224K	C	0.22UF	K	16V	
C1641	ECUX1H222KBX	C	2200PF	K	50V	
C1642	ECA1HM2R2	E	2.2UF		50V	
C1643	ECUX1H223KBX	C	0.022UF	K	50V	
C1644	ECJ2VF1H103Z	C	0.01UF	Z	50V	
C1646	ECA1HMR22	E	0.22UF		50V	
C1647	ECUX1H120JCX	C	12PF	J	50V	
C1648	ECUX1H120JCX	C	12PF	J	50V	
C1650	ECUX1H103KBX	C	0.01UF	K	50V	
C1654	ECJ2VF1H103Z	C	0.01UF	Z	50V	
C1655	ECA1VM470	E	47UF		35V	
C1656	ECJ2VF1H103Z	C	0.01UF	Z	50V	
C1658	ECA1VM470	E	47UF		35V	
C1659	ECUX1H121JCX	C	120PF	J	50V	
C1660	ECA1VM470	E	47UF		35V	
C1661	ECA1HMR47	E	0.47UF		50V	
C1662	ECA1HMR47	E	0.47UF		50V	
C1665	ECEA1HNR47U	E	0.47UF		50V	
C1670	ECA1HM010	E	1UF		50V	
C1671	ECQV1H104JM	P	0.1UF	J	50V	

Ref. No	Part No.	Description				
C1672	ECA1HM100	E	10UF		50V	
C1673	ECJ2VB1C104K	C	0.1UF	K	16V	
C1674	ECA1HM010	E	1UF		50V	
C1675	ECQV1H104JM	P	0.1UF	J	50V	
C1679	ECUX1H180JCX	C	18PF	J	50V	
C1680	ECJ2VB1C104K	C	0.1UF	K	16V	
C1681	ECUX1H560JCX	C	56PF	J	50V	
C1682	ECJ2VF1H103Z	C	0.01UF	Z	50V	
C1683	ECA1CM101	E	100UF		16V	
C1684	ECUX1H820JCX	C	82PF	J	50V	
C1685	ECJ2VF1H103Z	C	0.01UF	Z	50V	
C1686	ECJ2VB1C104K	C	0.1UF	K	16V	
C1687	ECUX1H103KBX	C	0.01UF	K	50V	
C1688	ECUX1H103KBX	C	0.01UF	K	50V	
C1689	ECA1HM100	E	10UF		50V	
C1690	ECA1HMR47	E	0.47UF		50V	
C1691	ECA1HMR47	E	0.47UF		50V	
C1692	ECEA1HNR47U	E	0.47UF		50V	
C1693	ECEA1HNR47U	E	0.47UF		50V	
C1700	ECUX1H102KBX	C	1000PF	K	50V	
C1702	ECUX1H563KBX	C	0.056UF	K	50V	
C1703	ECUX1H223KBX	C	0.022UF	K	50V	
C1704	ECJ3XB1H683K	C	0.068UF	K	50V	
C1705	ECA1HM100	E	10UF		50V	
C1706	ECUX1H223KBX	C	0.022UF	K	50V	
C1707	ECUX1H680JCX	C	68PF	J	50V	
C1708	ECJ2VB1C104K	C	0.1UF	K	16V	
C1709	ECUX1H820JCX	C	82PF	J	50V	
C1710	ECUX1H102KBX	C	1000PF	K	50V	
C1711	ECA1HM2R2	E	2.2UF		50V	
C1712	ECA1HM2R2	E	2.2UF		50V	
C1716	ECQV1H474JM	P	0.47UF	J	50V	
C1717	ECQV1H474JM	P	0.47UF	J	50V	
C1719	ECJ2VF1H103Z	C	0.01UF	Z	50V	
C1722	ECA1CM101	E	100UF		16V	
C1724	ECA1CM101	E	100UF		16V	
C1732	ECUX1H100CCX	C	10PF	C	50V	
C1733	ECUX1H100CCX	C	10PF	C	50V	
C1737	ECEA1HN47U	E	4.7UF		50V	
C1739	ECA1CM101	E	100UF		16V	
C1740	ECEA1HNR47U	E	0.47UF		50V	
C1741	ECEA1HNR47U	E	0.47UF		50V	
C1746	ECA1HM100	E	10UF		50V	
C1747	ECUX1H560JCX	C	56PF	J	50V	
C1749	ECA1HM100	E	10UF		50V	
C1754	ECJ2VF1H103Z	C	0.01UF	Z	50V	
C1758	ECUX1H820JCX	C	82PF	J	50V	
C1759	ECUX1H471JCX	C	470PF	J	50V	
C1762	ECA1HM010	E	1UF		50V	
C1765	ECUX1H101JCX	C	100PF	J	50V	
C1772	ECUX1H101JCX	C	100PF	J	50V	
C1774	ECUX1H560JCX	C	56PF	J	50V	
C1782	ECA1CM101	E	100UF		16V	
C1788	ECUX1H101JCX	C	100PF	J	50V	
C1789	ECUX1H101JCX	C	100PF	J	50V	
C1790	ECQV1H104JM	P	0.1UF	J	50V	
C1796	ECA1CM101	E	100UF		16V	
C1798	ECA1CM101	E	100UF		16V	
C1802	ECJ2VF1H103Z	C	0.01UF	Z	50V	
C1807	ECJ2VF1H103Z	C	0.01UF	Z	50V	
C1809	ECJ2VF1H103Z	C	0.01UF	Z	50V	
C1810	ECJ2VF1H103Z	C	0.01UF	Z	50V	
C1812	ECA1HM3R3	E	3.3UF		50V	
C1813	ECA1HM220	E	22UF		50V	
C1814	ECJ2VF1H103Z	C	0.01UF	Z	50V	
C1815	ECUX1H223KBX	C	0.022UF	K	50V	
C1816	ECA1HM100	E	10UF		50V	
C1817	ECJ2VB1C104K	C	0.1UF	K	16V	
C1818	ECJ2VF1H103Z	C	0.01UF	Z	50V	
C1819	ECJ2VF1H103Z	C	0.01UF	Z	50V	

Ref. No	Part No.	Description				Ref. No	Part No.	Description			
C1820	ECJ2VF1H103Z	C	0.01UF	Z	50V	C2268	ECKF1H102KB	C	1000PF	K	50V
C1822	ECA1CM101	E	100UF		16V	C2269	ECKF1H102KB	C	1000PF	K	50V
C1823	ECEA1HN010U	E	1UF		50V	C2270	ECKF1H102KB	C	1000PF	K	50V
C1824	ECA1HM4R7	E	4.7UF		50V	C2271	ECKF1H102KB	C	1000PF	K	50V
C1827	ECJ2VF1H103Z	C	0.01UF	Z	50V	C2272	ECKF1H102KB	C	1000PF	K	50V
C1831	ECA1HM4R7	E	4.7UF		50V	C2273	ECKF1H102KB	C	1000PF	K	50V
C1834	ECA1CM101	E	100UF		16V	C2274	ECKF1H102KB	C	1000PF	K	50V
C1836	ECJ2VB1C104K	C	0.1UF	K	16V	C2275	ECKF1H102KB	C	1000PF	K	50V
C1838	ECUX1H151JCX	C	150PF	J	50V	C2276	ECKF1H102KB	C	1000PF	K	50V
C1839	ECUX1H223KBX	C	0.022UF	K	50V	C2302	ECA1CM471	E	470UF		16V
C1841	ECJ2VB1C104K	C	0.1UF	K	16V	C2304	ECA1HM100	E	10UF		50V
C1842	ECUX1H470JCX	C	47PF	J	50V	C2305	ECA1VM101	E	100UF		35V
C1843	ECA1CM101	E	100UF		16V	C2306	ECA1VM101	E	100UF		35V
C1844	ECJ2VB1C104K	C	0.1UF	K	16V	C2307	ECA1VM101	E	100UF		35V
C1846	ECEA1HN010U	E	1UF		50V	C2308	ECA1HM100	E	10UF		50V
C1847	ECEA1HN010U	E	1UF		50V	C2309	ECA1VM222	E	2200UF		35V
C1849	ECJ2VF1H103Z	C	0.01UF	Z	50V	C2310	ECA1VM222	E	2200UF		35V
C1851	ECA1CM221	E	220UF		16V	C2312	ECQV1H104JM	P	0.1UF	J	50V
C1852	ECJ2VF1H103Z	C	0.01UF	Z	50V	C2313	ECQB1H272JF	P	2700PF	J	50V
C1853	ECJ2VF1H103Z	C	0.01UF	Z	50V	C2314	ECQB1H272JF	P	2700PF	J	50V
C1854	ECEA1HN010U	E	1UF		50V	C2315	ECA1HM102	E	1000UF		50V
C1855	ECA1HM010	E	1UF		50V	C2316	ECA1VM470	E	47UF		35V
C1856	ECA1HM010	E	1UF		50V	C2317	ECQV1H104JM	P	0.1UF	J	50V
C1857	ECEA1HN010U	E	1UF		50V	C2318	ECA1HM220	E	22UF		50V
C1858	ECA1HM010	E	1UF		50V	C2319	ECA1VM470	E	47UF		35V
C1859	ECEA1CN100U	E	10UF		16V	C2321	ECA1HM100	E	10UF		50V
C1860	ECUX1H330JCX	C	33PF	J	50V	C2402	ECJ2VB1H393K	C	0.039UF	K	50V
C1861	ECA1HM010	E	1UF		50V	C2404	ECUX1H223KBX	C	0.022UF	K	50V
C1862	ECJ2VF1H103Z	C	0.01UF	Z	50V	C2405	ECA1HM010	E	1UF		50V
C1897	ECUX1H121JCX	C	120PF	J	50V	C2412	ECUX1H562KBX	C	5600PF	K	50V
C1898	ECUX1H121JCX	C	120PF	J	50V	C2413	ECQV1H823JM	P	0.082UF	J	50V
C1899	ECUX1H121JCX	C	120PF	J	50V	C2419	ECA1HM010	E	1UF		50V
C2001	ECA1HM100	E	10UF		50V	C2420	ECJ2VF1H103Z	C	0.01UF	Z	50V
C2002	ECJ2VF1H104Z	C	0.1UF	Z	50V	C2421	ECA1CM471	E	470UF		16V
C2005	ECA1CM101	E	100UF		16V	C2423	ECEA1HN010U	E	1UF		50V
C2006	ECJ2VF1H103Z	C	0.01UF	Z	50V	C2426	ECA1HM100	E	10UF		50V
C2007	ECUX1H102JCX	C	1000PF	J	50V	C2427	ECA1HM100	E	10UF		50V
C2008	ECUX1H102JCX	C	1000PF	J	50V	C2428	ECA1HM4R7	E	4.7UF		50V
C2009	ECA1CM101	E	100UF		16V	C2429	ECA1HM4R7	E	4.7UF		50V
C2010	ECJ2VF1H103Z	C	0.01UF	Z	50V	C2430	ECA1CM330	E	33UF		16V
C2017	ECA1HM100	E	10UF		50V	C2431	ECUX1H101JCX	C	100PF	J	50V
C2018	ECA1HM100	E	10UF		50V	C2432	ECJ2VF1H104Z	C	0.1UF	Z	50V
C2021	ECJ2VF1H104Z	C	0.1UF	Z	50V	C2433	ECJ2XB1E683K	C	0.068UF	K	25V
C2022	ECA1HM3R3	E	3.3UF		50V	C2434	ECA1HM4R7	E	4.7UF		50V
C2031	ECJ2VF1H104Z	C	0.1UF	Z	50V	C2435	ECEA1CN100U	E	10UF		16V
C2032	ECA1HM100	E	10UF		50V	C2436	ECJ2XB1E683K	C	0.068UF	K	25V
C2034	ECUX1H070DCX	C	7PF	D	50V	C2437	ECUX1H561JCX	M	560PF	J	50V
C2035	ECUX1H560JCX	C	56PF	J	50V	C2438	ECJ2XB1E683K	C	0.068UF	K	25V
C2036	ECUX1H100DCX	C	10PF	D	50V	C2439	ECUX1H561JCX	M	560PF	J	50V
C2037	ECUX1H220JCX	C	22PF	J	50V	C2440	ECUX1H561JCX	M	560PF	J	50V
C2039	ECJ2VF1H104Z	C	0.1UF	Z	50V	C2441	ECA1HM4R7	E	4.7UF		50V
C2042	ECJ2VF1H104Z	C	0.1UF	Z	50V	C2442	ECA1HM4R7	E	4.7UF		50V
C2043	ECA1HM100	E	10UF		50V	C2443	ECA1HM4R7	E	4.7UF		50V
C2044	ECUX1H010CCX	C	1PF	C	50V	C2444	ECA1CM221	E	220UF		16V
C2045	ECUX1H010CCX	C	1PF	C	50V	C2445	ECA1HM010	E	1UF		50V
C2048	ECUX1H102JCX	C	1000PF	J	50V	C2447	ECEA1CN100U	E	10UF		16V
C2049	ECUX1H102JCX	C	1000PF	J	50V	C2480	ECEA1HN4R7U	E	4.7UF		50V
C2251	EEUNA1E220	E	22UF		25V	C2481	ECEA1HN4R7U	E	4.7UF		50V
C2252	EEUNA1E220	E	22UF		25V	C3001	ECA1HM010	E	1UF		50V
C2254	ECJ2VF1H103Z	C	0.01UF	Z	50V	C3002	ECA1HM010	E	1UF		50V
C2255	ECA1CM471	E	470UF		16V	C3003	ECA1HM010	E	1UF		50V
C2256	ECQV1H104JM	P	0.1UF	J	50V	C3004	ECA1HM010	E	1UF		50V
C2257	ECA1HM100	E	10UF		50V	C3005	ECA1HM010	E	1UF		50V
C2258	ECA1HM100	E	10UF		50V	C3006	ECA1HM010	E	1UF		50V
C2260	ECA1HM100	E	10UF		50V	C3008	ECA1HM010	E	1UF		50V
C2261	ECUX1H472ZFX	C	4700PF	Z	50V	C3009	ECA1HM010	E	1UF		50V
C2262	ECJ2VB1C104K	C	0.1UF	K	16V	C3010	EEANA1E1R0	E	1UF		25V
C2265	ECKF1H102KB	C	1000PF	K	50V	C3011	ECA1HM010	E	1UF		50V
C2266	ECKF1H102KB	C	1000PF	K	50V	C3013	ECJ2VF1H103Z	C	0.01UF	Z	50V
C2267	ECKF1H102KB	C	1000PF	K	50V	C3015	EEANA1E1R0	E	1UF		25V

Ref. No	Part No.	Description			
C3016	ECA1CM471	E	470UF		16V
C3020	ECA1HM010	E	1UF		50V
C3021	ECA1VM470	E	47UF		35V
C3022	ECA1VM470	E	47UF		35V
C3027	ECEA1HN010U	E	1UF		50V
C3028	ECEA1HN010U	E	1UF		50V
C3032	ECQB1H153JF	P	0.015UF	J	50V
C3033	ECEA1HN010U	E	1UF		50V
C3034	ECEA1CN100U	E	10UF		16V
C3035	ECEA1HN010U	E	1UF		50V
C3036	ECEA1CN100U	E	10UF		16V
C3037	ECEA1HN010U	E	1UF		50V
C3038	ECA1VM470	E	47UF		35V
C3043	ECA1HM010	E	1UF		50V
C3045	ECA1CM471	E	470UF		16V
C3049	ECEA1HN010U	E	1UF		50V
C3050	ECJ2VF1H103Z	C	0.01UF	Z	50V
C3051	ECEA1HN010U	E	1UF		50V
C3053	ECEA1HN010U	E	1UF		50V
C3054	ECEA1HN010U	E	1UF		50V
C3060	ECUX1H102KBX	C	1000PF	K	50V
C3061	ECUX1H102KBX	C	1000PF	K	50V
C3062	ECUX1H102KBX	C	1000PF	K	50V
C3063	ECUX1H102KBX	C	1000PF	K	50V
C3064	ECUX1H102KBX	C	1000PF	K	50V
C3065	ECUX1H102KBX	C	1000PF	K	50V
C3066	ECUX1H102KBX	C	1000PF	K	50V
C3067	ECUX1H102KBX	C	1000PF	K	50V
C3070	ECKF1H561KB	C	560PF	K	50V
C3071	ECKF1H561KB	C	560PF	K	50V
C3072	ECKF1H561KB	C	560PF	K	50V
C3073	ECKF1H561KB	C	560PF	K	50V
C3074	ECKF1H561KB	C	560PF	K	50V
C3075	ECKF1H561KB	C	560PF	K	50V
C3076	ECKF1H561KB	C	560PF	K	50V
C3077	ECKF1H561KB	C	560PF	K	50V
C3078	ECKF1H561KB	C	560PF	K	50V
C3079	ECKF1H561KB	C	560PF	K	50V
C3080	ECKF1H561KB	C	560PF	K	50V
C3081	ECKF1H561KB	C	560PF	K	50V
C3082	ECKF1H561KB	C	560PF	K	50V
C3083	ECKF1H561KB	C	560PF	K	50V
C3084	ECKF1H561KB	C	560PF	K	50V
C3085	ECKF1H561KB	C	560PF	K	50V
C3090	ECA1CM101	E	100UF		16V
C3091	ECJ2VF1H103Z	C	0.01UF	Z	50V
C3111	ECUX1H102KBX	C	1000PF	K	50V
C3112	ECUX1H102KBX	C	1000PF	K	50V
C3200	ECJ2VF1H103Z	C	0.01UF	Z	50V
C3519	ECA1CM101	E	100UF		16V
C3520	ECA1CM101	E	100UF		16V
C3525	ECA1VM470	E	47UF		35V
C3526	ECJ2VF1H103Z	C	0.01UF	Z	50V
C3532	ECQB1H223JF	P	0.022UF	J	50V
C3539	ECUX1H101JCX	C	100PF	J	50V
C3540	ECUX1H101JCX	C	100PF	J	50V
C3541	ECJ2VF1H103Z	C	0.01UF	Z	50V
C3542	ECA1HM100	E	10UF		50V
C3550	ECEA1HN010U	E	1UF		50V
C3552	ECJ2VF1H103Z	C	0.01UF	Z	50V
C3553	ECA1CM101	E	100UF		16V
C3555	ECEA1CN330U	E	33UF		16V
C3565	ECUX1H330JCX	C	33PF	J	50V
C3566	ECUX1H821KBX	C	820PF	K	50V
C3567	ECUX1H821KBX	C	820PF	K	50V
C3568	ECUX1H821KBX	C	820PF	K	50V
C3570	ECA1CM471	E	470UF		16V
C3571	ECJ2VF1H103Z	C	0.01UF	Z	50V
C3572	ECUX1H121JCX	C	120PF	J	50V
C3575	ECA1CM221	E	220UF		16V

Ref. No	Part No.	Description			
C3576	ECJ2VF1H103Z	C	0.01UF	Z	50V
C3577	ECA1CM101	E	100UF		16V
C3578	ECJ2VF1H103Z	C	0.01UF	Z	50V
C3585	ECUX1H330JCX	C	33PF	J	50V
C3587	ECJ2VF1H104Z	C	0.1UF	Z	50V
C3589	ECUX1H820JCX	C	82PF	J	50V
C4101	ECJ2VF1H103Z	C	0.01UF	Z	50V
C4102	ECJ2VF1H103Z	C	0.01UF	Z	50V
C4103	ECA1HM101	E	100UF		50V
C4106	ECA1CM101	E	100UF		16V
C4107	ECUX1H331JCX	C	330PF	J	50V
C4108	ECJ2VF1H103Z	C	0.01UF	Z	50V
C4109	ECUX1H271JCX	C	270PF	J	50V
C4110	ECA1HM100	E	10UF		50V
C4111	ECA1CM101	E	100UF		16V
C4112	ECA1CM101	E	100UF		16V
C4123	ECA1CM101	E	100UF		16V
C4131	ECUX1H820JCX	C	82PF	J	50V
C4141	ECUX1H820JCX	C	82PF	J	50V
C4142	ECJ2VF1H103Z	C	0.01UF	Z	50V
C4151	ECUX1H820JCX	C	82PF	J	50V
C4159	ECA1HM100	E	10UF		50V
C4251	ECJ2VF1H104Z	C	0.1UF	Z	50V
C5501	ECJ2VF1H104Z	C	0.1UF	Z	50V
C5503	ECA1HM010	E	1UF		50V
C5504	ECUX1H150JCX	C	15PF	J	50V
C5505	ECUX1H150JCX	C	15PF	J	50V
C5508	ECUX1H101JCX	C	100PF	J	50V
C5509	ECUX1H181JCX	C	180PF	J	50V
C5511	ECJ2VF1H104Z	C	0.1UF	Z	50V
C5514	ECA1CM101	E	100UF		16V
C5515	ECA1HM010	E	1UF		50V
C5516	ECJ2VF1H103Z	C	0.01UF	Z	50V
C5517	ECJ2VF1H103Z	C	0.01UF	Z	50V
C5518	ECJ2VF1H103Z	C	0.01UF	Z	50V
C5519	ECJ2VF1H104Z	C	0.1UF	Z	50V
C5520	ECA1CM101	E	100UF		16V
C5521	ECA1CM101	E	100UF		16V
C5522	ECJ2VF1H103Z	C	0.01UF	Z	50V
C5523	ECJ2VF1H103Z	C	0.01UF	Z	50V
C5524	ECA1CM101	E	100UF		16V
C5526	EEANA1E4R7	E	4.7UF		25V
C5529	ECJ2VF1H103Z	C	0.01UF	Z	50V
C5530	ECJ2VF1H103Z	C	0.01UF	Z	50V
C5532	ECJ2VF1H103Z	C	0.01UF	Z	50V
C5533	ECEA1CN220U	E	22UF		16V
C5534	ECJ2VF1H103Z	C	0.01UF	Z	50V
C5535	ECJ2VF1H103Z	C	0.01UF	Z	50V
C5536	EEUNA1E220	E	22UF		25V
C5537	ECJ2VF1H103Z	C	0.01UF	Z	50V
C5538	EEANA1E4R7	E	4.7UF		25V
C5540	ECJ2VF1H103Z	C	0.01UF	Z	50V
C5541	ECUX1H150JCX	C	15PF	J	50V
C5542	ECUX1H330JCX	C	33PF	J	50V
C5543	EEANA1E4R7	E	4.7UF		25V
C5546	ECUX1H150JCX	C	15PF	J	50V
C5548	ECUX1H222KBX	C	2200PF	K	50V
C5550	ECJ2VF1H103Z	C	0.01UF	Z	50V
C5551	ECA1HM100	E	10UF		50V
C5553	ECUX1H150JCX	C	15PF	J	50V
C5554	ECJ2VF1H103Z	C	0.01UF	Z	50V
C5556	ECJ2VF1H103Z	C	0.01UF	Z	50V
C5558	ECUX1H330JCX	C	33PF	J	50V
C5559	ECA0JM331	E	330UF		6.3V
C5560	ECA0JM331	E	330UF		6.3V
C5561	ECJ2VF1H103Z	C	0.01UF	Z	50V
C5564	ECUX1H150JCX	C	15PF	J	50V
C5565	ECA1CM221	E	220UF		16V
C5566	ECA1CM101	E	100UF		16V
C5569	ECA1CM221	E	220UF		16V

Ref. No	Part No.	Description	Ref. No	Part No.	Description
C5571	ECJ2VF1H103Z	C 0.01UF Z 50V	C7145	ECUX1H151JCX	C 150PF J 50V
C5574	ECJ2VF1H103Z	C 0.01UF Z 50V	C7146	ECA1CM101	E 100UF 16V
C5583	ECJ2VF1H103Z	C 0.01UF Z 50V	C7147	ECJ2VF1H103Z	C 0.01UF Z 50V
C5589	ECUX1H470JCX	C 47PF J 50V	C7148	ECUX1H471JCX	C 470PF J 50V
C5590	ECUX1H220JCX	C 22PF J 50V	C7149	ECJ2VF1H103Z	C 0.01UF Z 50V
C5591	ECUX1H101JCX	C 100PF J 50V	C7150	ECA1CM101	E 100UF 16V
C5650	ECUX1H330JCX	C 33PF J 50V	C7151	ECA1CM101	E 100UF 16V
C5651	ECUX1H330JCX	C 33PF J 50V	C7152	ECJ2VF1H103Z	C 0.01UF Z 50V
C6208	ECA1VM221	E 220UF 35V	C7153	ECA1CM101	E 100UF 16V
C6715	ECKD3D681KBP	C 680PF K 2KV	C7154	ECJ2VF1H103Z	C 0.01UF Z 50V
C6718	ECCD3D220KGE	C 22PF K 2KV	C7155	ECJ2VF1H103Z	C 0.01UF Z 50V
C6731	ECKD3D681KBP	C 680PF K 2KV (for TX-43/51P15H/HQ/HZ)	C7156	ECJ2VF1H103Z	C 0.01UF Z 50V
C6732	ECKD3D681KBP	C 680PF K 2KV (for TX-43/51P16H/HQ/HZ)	C7157	ECJ2VF1H103Z	C 0.01UF Z 50V
C7001	ECA1HM2R2	E 2.2UF 50V	C7158	ECJ2VF1H103Z	C 0.01UF Z 50V
C7002	ECA1HM2R2	E 2.2UF 50V	C7159	ECJ2VF1H103Z	C 0.01UF Z 50V
C7003	ECA1HM101	E 100UF 50V	C7160	ECA1CM101	E 100UF 16V
C7004	ECA1HM101	E 100UF 50V	C7161	ECA1CM101	E 100UF 16V
C7005	ECA1HM101	E 100UF 50V	C7162	ECA1CM101	E 100UF 16V
C7006	ECA1HM101	E 100UF 50V	C7163	ECA1CM101	E 100UF 16V
C7011	ECKF1H151KB	C 150PF K 50V	C7164	ECA1CM101	E 100UF 16V
C7012	ECKF1H151KB	C 150PF K 50V	C7165	ECA1CM101	E 100UF 16V
C7013	ECKF1H151KB	C 150PF K 50V	C7166	ECA1CM101	E 100UF 16V
C7014	ECKF1H151KB	C 150PF K 50V	C7168	ECA1CM101	E 100UF 16V
C7015	ECKF1H151KB	C 150PF K 50V	C7169	ECUX1H181JCX	C 180PF J 50V
C7016	ECKF1H151KB	C 150PF K 50V	C7170	ECUX1H181JCX	C 180PF J 50V
C7023	ECKF1H103ZF	C 0.01UF Z 50V	C7171	ECUX1H181JCX	C 180PF J 50V
C7024	ECKF1H103ZF	C 0.01UF Z 50V	C7172	ECJ2VF1H103Z	C 0.01UF Z 50V
C7025	ECKF1H103ZF	C 0.01UF Z 50V	C7173	ECUX1H331JCX	C 330PF J 50V
C7026	ECKF1H103ZF	C 0.01UF Z 50V	C7174	ECUX1H331JCX	C 330PF J 50V
C7027	ECA1HM101	E 100UF 50V	C7175	ECUX1H331JCX	C 330PF J 50V
C7029	ECA1HM101	E 100UF 50V	C7176	ECUX1H331JCX	C 330PF J 50V
C7101	TCUY1C105KBM	C 1UF 16V	C7177	ECUX1H331JCX	C 330PF J 50V
C7102	ECJ2VF1H103Z	C 0.01UF Z 50V	C7178	ECUX1H331JCX	C 330PF J 50V
C7103	ECUX1H332ZFX	C 3300PF Z 50V	C7179	ECUX1H181JCX	C 180PF J 50V
C7104	ECA1CM101	E 100UF 16V	C7180	ECUX1H181JCX	C 180PF J 50V
C7105	ECJ2VF1H103Z	C 0.01UF Z 50V	C7181	ECUX1H181JCX	C 180PF J 50V
C7106	ECJ2VF1H103Z	C 0.01UF Z 50V	C7182	ECUX1H682KBX	C 6800PF K 50V
C7107	ECJ2VF1H103Z	C 0.01UF Z 50V	C7183	ECA1CM101	E 100UF 16V
C7108	ECJ2VF1H103Z	C 0.01UF Z 50V	C7184	ECJ2VF1H103Z	C 0.01UF Z 50V
C7109	ECA1CM101	E 100UF 16V	C7185	ECUX1H682KBX	C 6800PF K 50V
C7110	ECA1CM101	E 100UF 16V	C7186	ECUX1H682KBX	C 6800PF K 50V
C7112	ECJ2VF1H103Z	C 0.01UF Z 50V	C7187	ECUX1H682KBX	C 6800PF K 50V
C7113	ECJ2VF1H103Z	C 0.01UF Z 50V	C7188	ECUX1H682KBX	C 6800PF K 50V
C7114	ECA1CM101	E 100UF 16V	C7189	ECUX1H682KBX	C 6800PF K 50V
C7117	ECJ2VF1H103Z	C 0.01UF Z 50V	C7190	ECA1CM101	E 100UF 16V
C7118	ECJ2VF1H103Z	C 0.01UF Z 50V	C7191	ECJ2VF1H103Z	C 0.01UF Z 50V
C7120	ECJ2VF1H103Z	C 0.01UF Z 50V	C7193	ECUX1H102JCX	C 1000PF J 50V
C7122	ECUX1H151JCX	C 150PF J 50V	C7194	ECUX1H102JCX	C 1000PF J 50V
C7123	ECJ2VF1H103Z	C 0.01UF Z 50V	C7195	ECUX1H102JCX	C 1000PF J 50V
C7124	ECUX1H151JCX	C 150PF J 50V	C7196	ECJ2VF1H103Z	C 0.01UF Z 50V
C7125	ECJ2VF1H104Z	C 0.1UF Z 50V	C7199	ECJ2VF1H103Z	C 0.01UF Z 50V
C7126	ECJ2VF1H103Z	C 0.01UF Z 50V	C7201	ECUX1H101JCX	C 100PF J 50V
C7127	ECJ2VF1H104Z	C 0.1UF Z 50V	C7202	ECJ2VF1H103Z	C 0.01UF Z 50V
C7128	ECA1CM101	E 100UF 16V	C9601	ECEA1HN100U	E 10UF 50V
C7130	ECJ2VF1H103Z	C 0.01UF Z 50V	C9602	ECQB1H333JF	P 0.033UF J 50V
C7131	ECA1CM101	E 100UF 16V	C9603	ECA1CM101	E 100UF 16V
C7132	ECJ2VF1H103Z	C 0.01UF Z 50V	C9604	ECA1CM101	E 100UF 16V
C7133	ECJ2VF1H103Z	C 0.01UF Z 50V	C9605	ECEA1HN010U	E 1UF 50V
C7134	ECA1CM101	E 100UF 16V	C9606	ECKF1H821KB	C 820PF K 50V
C7136	ECJ2VF1H103Z	C 0.01UF Z 50V	C9607	ECQB1H104JF	P 0.1UF J 50V
C7137	ECJ2VF1H103Z	C 0.01UF Z 50V	C9608	ECA1HM010	E 1UF 50V
C7138	ECUX1H331JCX	C 330PF J 50V	C9609	ECKF1H102KB	C 1000PF K 50V
C7139	ECJ2VF1H103Z	C 0.01UF Z 50V	C9610	ECQB1H104JF	P 0.1UF J 50V
C7140	ECA1CM101	E 100UF 16V	C9611	ECEA1HN010U	E 1UF 50V
C7141	ECA1CM101	E 100UF 16V	C9620	ECA1HM3R3	E 3.3UF 50V
C7142	ECUX1H220JCX	C 22PF J 50V	C9622	ECEA1HN010U	E 1UF 50V
C7143	ECUX1H220JCX	C 22PF J 50V	C9626	ECA1HM100	E 10UF 50V
C7144	ECJ2VF1H103Z	C 0.01UF Z 50V	C9627	ECA1HM100	E 10UF 50V
			C9628	ECKF1H103MD	C 0.01UF M 50V
			C9629	ECA1HM100	E 10UF 50V

Ref. No	Part No.	Description	Ref. No	Part No.	Description
C9630	ECA1HM100	E 10UF 50V	LG6	TJS3A9640	3P CONNECTOR
C9663	ECA2CM101	E 100UF 160V	LG7	TJS3A9640	3P CONNECTOR
C9664	ECA1CM101	E 100UF 16V	LR1	TJS3A9880	8P CONNECTOR
C9666	ECKF1H103MD	C 0.01UF M 50V	P11	TJS3A9140	CONNECTOR
C9667	ECA1CM101	E 100UF 16V	P12	TJS3A9150	CONNECTOR
C9668	ECA1CM101	E 100UF 16V	P13	TJS3A9150	CONNECTOR
C9670	ECA1CM101	E 100UF 16V	P15	TJS3A9140	CONNECTOR
C9671	ECA1VM470	E 47UF 35V	R1	TJS3A9140	CONNECTOR
			R2	TJS3A9140	CONNECTOR
			R3	TJS3A9140	CONNECTOR
	OTHERS				
A1	TJSF20016	16P CONNECTOR	T1	TJS3A9140	CONNECTOR
A2	TJSF20016	16P CONNECTOR	T2	TJS3A9140	CONNECTOR
A3	TJSF20016	16P CONNECTOR	W1	TJS3A9140	CONNECTOR
A4	TJSF17335	CONNECTOR	W2	TJS3A9140	CONNECTOR
A6	TJS1A8130	PHONO PIN (7P)	W3	TJS3A9900	10P CONNECTOR
A8	TJS3A9880	8P CONNECTOR	X1	TJS3A9140	CONNECTOR
A9	TJS3A9680	7P CONNECTOR	X2	TJS3A9150	CONNECTOR
A10	TJS3A9890	9P CONNECTOR	X3	TJS3A9150	CONNECTOR
A11	TJS5A9420	8P CONNECTOR	X4	TJS3A9150	CONNECTOR
A12	TJS5A9420	8P CONNECTOR	X5	TJS3A9150	CONNECTOR
A14	TJS5A9420	8P CONNECTOR	X6	TJS3A9140	CONNECTOR
A15	TJS5A9420	8P CONNECTOR	Y1	TJS3A9140	CONNECTOR
A16	TJS5A9420	8P CONNECTOR	Y2	TJS3A9140	CONNECTOR
A23	TJS5A9420	8P CONNECTOR	Y3	TJS3A9140	CONNECTOR
A24	TJS5A9420	8P CONNECTOR	Δ F801	XBA2C40TR0	FUSE 250V 4A (for TX-43/51P15H/HQ/HZ)
A30	TJS5A9420	8P CONNECTOR	Δ F801	XBA2C50TR0	FUSE 250V 5A (for TX-43/51P15X)
A31	TJS5A9420	8P CONNECTOR	F801-1	EYF-52BC	FUSE HOLDER
A32	TJS5A9420	8P CONNECTOR	F801-2	EYF-52BC	FUSE HOLDER
A38	TJS3A9640	3P CONNECTOR	JA1	ERJ6GEY0R00	M 0 OHM J 1/10W
A40	TJS3A9640	3P CONNECTOR	JA2	ERJ6GEY0R00	M 0 OHM J 1/10W
B1	TJS6A9680	8P CONNECTOR	JA3	ERJ6GEY0R00	M 0 OHM J 1/10W
B2	TJS6A9680	8P CONNECTOR	JA4	ERJ6GEY0R00	M 0 OHM J 1/10W
C1	TJS3A9140	CONNECTOR	JA5	ERJ6GEY0R00	M 0 OHM J 1/10W
C2	TJS5A9450	CONNECTOR	JA5	ERJ8GEY0R00	M 0 OHM 1/8W
C3	TJS5A9450	CONNECTOR	JA6	ERJ6GEY0R00	M 0 OHM J 1/10W
C4	TJS3A9140	CONNECTOR	JA7	ERJ6GEY0R00	M 0 OHM J 1/10W
C6	TJS1A8140	PHONO PIN (8P)	JA8	ERJ6GEY0R00	M 0 OHM J 1/10W
D1	TJSF19916	16P CONNECTOR	JA9	ERJ8GEY0R00	M 0 OHM 1/8W
D2	TJSF19916	16P CONNECTOR	JA10	ERJ8GEY0R00	M 0 OHM 1/8W
D3	TJSF19916	16P CONNECTOR	JA11	ERJ8GEY0R00	M 0 OHM 1/8W
D5	TJS3A9680	7P CONNECTOR	JA12	ERJ6GEY0R00	M 0 OHM J 1/10W
D7	TJS3A9650	4P CONNECTOR	JA13	ERJ8GEY0R00	M 0 OHM 1/8W
D8	TJS3A9650	4P CONNECTOR	JA14	ERJ8GEY0R00	M 0 OHM 1/8W
D9	TJS3A9650	4P CONNECTOR	JA15	ERJ6GEY0R00	M 0 OHM J 1/10W
D11	TJS5A9420	8P CONNECTOR	JA17	ERJ8GEY0R00	M 0 OHM 1/8W
D12	TJS5A9420	8P CONNECTOR	JA18	ERJ8GEY0R00	M 0 OHM 1/8W
D13	TJS5A9420	8P CONNECTOR	JA19	ERJ8GEY0R00	M 0 OHM 1/8W
D15	TJS5A9420	8P CONNECTOR	JA20	ERJ8GEY0R00	M 0 OHM 1/8W
D21	TJS5A9420	8P CONNECTOR	JA21	ERJ8GEY0R00	M 0 OHM 1/8W
D22	TJS5A9420	8P CONNECTOR	JA22	ERJ8GEY0R00	M 0 OHM 1/8W
D23	TJS5A9420	8P CONNECTOR	JA23	ERJ8GEY0R00	M 0 OHM 1/8W
D24	TJS5A9420	8P CONNECTOR	JA24	ERJ6GEY0R00	M 0 OHM J 1/10W
D25	TJS5A9420	8P CONNECTOR	JA25	ERJ8GEY0R00	M 0 OHM 1/8W
D26	TJS5A9420	8P CONNECTOR	JA26	ERJ8GEY0R00	M 0 OHM 1/8W
D31	TJS5A9420	8P CONNECTOR	JA27	ERJ8GEY0R00	M 0 OHM 1/8W
D32	TJS5A9420	8P CONNECTOR	JA28	ERJ8GEY0R00	M 0 OHM 1/8W
D33	TJS5A9420	8P CONNECTOR	Δ JK351	TJSC00700	CRT SOCKET
D34	TJS5A9420	8P CONNECTOR	Δ JK371	TJSC00700	CRT SOCKET
G1	TJS3A9890	9P CONNECTOR	Δ JK391	TJSC00700	CRT SOCKET
G2	TJS3A9880	8P CONNECTOR	JK811	TJC6137	EARTH LUG
G3	TJS3A9680	7P CONNECTOR	JK812	TJC6137	EARTH LUG
G4	TJS3A9660	5P CONNECTOR	JK813	TJC6137	EARTH LUG
G5	TJS3A9650	4P CONNECTOR	JK814	TJC6137	EARTH LUG
H1	TJSF17435	35P CONNECTOR	JK3002	TJBA122	REAR TERMINAL
LB1	TJS3A9890	9P CONNECTOR	JK3151	TJBA094	FRONT TERMINAL
LG1	TJS3A9680	7P CONNECTOR	JS1	ERJ6GEY0R00	M 0 OHM J 1/10W
LG2	TJS3A9900	10P CONNECTOR	JS3	ERJ6GEY0R00	M 0 OHM J 1/10W
LG3	TJS3A9890	9P CONNECTOR	JS4	ERJ6GEY0R00	M 0 OHM J 1/10W
LG4	TJS3A9880	8P CONNECTOR			
LG5	TJS3A9640	3P CONNECTOR			

Ref. No	Part No.	Description	Ref. No	Part No.	Description
	JS8	ERD25V0R00	C	0 OHM	1/4W
	JS10	ERJ6GEY0R00	M	0 OHM	J 1/10W
	JS11	ERJ6GEY0R00	M	0 OHM	J 1/10W
	JS14	ERJ6GEY0R00	M	0 OHM	J 1/10W
	JS15	ERJ6GEY0R00	M	0 OHM	J 1/10W
	JS16	ERJ6GEY0R00	M	0 OHM	J 1/10W
	JS17	ERJ6GEY0R00	M	0 OHM	J 1/10W
	JS18	ERJ6GEY0R00	M	0 OHM	J 1/10W
	JS20	ERJ6GEY0R00	M	0 OHM	J 1/10W
	JS22	ERJ6GEY0R00	M	0 OHM	J 1/10W
	JS23	ERJ6GEY0R00	M	0 OHM	J 1/10W
	JS24	ERJ6GEY0R00	M	0 OHM	J 1/10W
	JS25	ERJ6GEY0R00	M	0 OHM	J 1/10W
	JS27	ERJ6GEY0R00	M	0 OHM	J 1/10W
	JS35	ERJ6GEY0R00	M	0 OHM	J 1/10W
	JS40	ERJ6GEY0R00	M	0 OHM	J 1/10W
	JS41	ERJ6GEY0R00	M	0 OHM	J 1/10W
	JS42	ERJ6GEY0R00	M	0 OHM	J 1/10W
	JS44	ERJ6GEY0R00	M	0 OHM	J 1/10W
	JS48	ERJ6GEY0R00	M	0 OHM	J 1/10W
	JS51	ERJ6GEY0R00	M	0 OHM	J 1/10W
	JS52	ERJ6GEY0R00	M	0 OHM	J 1/10W
	JS54	ERJ6GEY0R00	M	0 OHM	J 1/10W
	JS55	ERJ6GEY0R00	M	0 OHM	J 1/10W
	JS56	ERJ6GEY0R00	M	0 OHM	J 1/10W
	JS59	ERJ6GEY0R00	M	0 OHM	J 1/10W
	JS60	ERJ6GEY0R00	M	0 OHM	J 1/10W
	JS61	ERJ6GEY0R00	M	0 OHM	J 1/10W
	JS62	ERJ6GEY0R00	M	0 OHM	J 1/10W
	JS64	ERJ6GEY0R00	M	0 OHM	J 1/10W
	JS65	ERJ6GEY0R00	M	0 OHM	J 1/10W
	JS66	ERJ6GEY0R00	M	0 OHM	J 1/10W
	JS71	ERJ6GEY0R00	M	0 OHM	J 1/10W
	JS72	ERJ6GEY0R00	M	0 OHM	J 1/10W
	JS73	ERJ6GEY0R00	M	0 OHM	J 1/10W
	JS74	ERJ6GEY0R00	M	0 OHM	J 1/10W
	JS77	ERJ6GEY0R00	M	0 OHM	J 1/10W
	JS150	ERD25TC0	C	0 OHM	1/4W
	JS501	ERJ6GEY0R00	M	0 OHM	J 1/10W
	JS961	ERD25V0R00	C	0 OHM	0000 1/4W
Δ	RL801	TSEH8011	RELAY		
Δ	RL802	TSEH8011	RELAY		
RM1001	PNA4601M04TV	REMOTE CONTROL RECEIVER			
Δ	RTL	TNPA0509AN	CIRCUIT BOARD B		
Δ	RTL	TNPA1249AC	CIRCUIT BOARD R		
Δ	RTL	TNPA1260AB	CIRCUIT BOARD Y		
Δ	RTL	TNPA1262AE	CIRCUIT BOARD T		
Δ	RTL	TNPA1510	CIRCUIT BOARD PA (for TX-43/51P15X)		
Δ	RTL	TNPA1511	CIRCUIT BOARD PB (for TX-43/51P15H/HQ/HZ)		
Δ	RTL	TNPA1512	CIRCUIT BOARD X		
Δ	RTL	TNPA1516	CIRCUIT BOARD LR (for TX-51P15X/H/HQ/HZ)		
Δ	RTL	TNPA1516AB	CIRCUIT BOARD LR (for TX-43P15X/H/HQ/HZ)		
Δ	RTL	TNPA1517	CIRCUIT BOARD LG (for TX-51P15X/H/HQ/HZ)		
Δ	RTL	TNPA1517AB	CIRCUIT BOARD LG (for TX-43P15X/H/HQ/HZ)		
Δ	RTL	TNPA1518	CIRCUIT BOARD LB (for TX-51P15X/H/HQ/HZ)		
Δ	RTL	TNPA1518AB	CIRCUIT BOARD LB (for TX-43P15X/H/HQ/HZ)		
Δ	RTL	TNPA1537	CIRCUIT BOARD W		
Δ	RTL	TNPA1654	CIRCUIT BOARD H		
Δ	RTL	TNPA1655	CIRCUIT BOARD G (for TX-51P15X/H/HQ/HZ)		
Δ	RTL	TNPA1655AB	CIRCUIT BOARD G (for TX-43P15X/H/HQ/HZ)		
Δ	RTL	TNPA1656	CIRCUIT BOARD C (for TX-51P15X/H/HQ/HZ)		
Δ	RTL	TNPA1656AB	CIRCUIT BOARD C (for TX-43P15X/H/HQ/HZ)		
Δ	RTL	TNPH0300	CIRCUIT BOARD A		
Δ	RTL	TNPH0301	CIRCUIT BOARD D		
S1000	EVQQKH06K	SWITCH			
S1001	EVQQKH06K	SWITCH			
S1002	EVQQKH06K	SWITCH			
S1003	EVQQKH06K	SWITCH			
S1004	EVQQKH06K	SWITCH			
S1005	EVQQKH06K	SWITCH			
S1006	EVQQKH06K	SWITCH			
S1007	EVQQKH06K	SWITCH			
S1008	TSED0012	SWITCH			
X101	EFCKK6267K	CERAMIC FILTER			
X102	EFCKK9351M	CERAMIC FILTER			
X180	EFCWS2F11T	CERAMIC FILTER			
X181	EFCWS6004T	CERAMIC FILTER			
X182	EFCWS6504T	CERAMIC FILTER			
X183	EFCS4R5MW3BA	CERAMIC TRAP			
X201	CSB1000J527	CERAMIC FILTER			
X601	TSSA116	CRYSTAL			
X1210	TAAA0002	CERAMIC FILTER			
X1601	TSS816N2	CRYSTAL			
X1602	TSS816N1	CRYSTAL			
X1603	TAFCBSB503F30	CERAMIC RESONATOR			
X1604	TSS120M2X	CRYSTAL			
X2001	TSSA128	CRYSTAL			
X3506	TSSA010	CRYSTAL			
X7101	EF0EC4004A4	CERAMIC FILTER			

