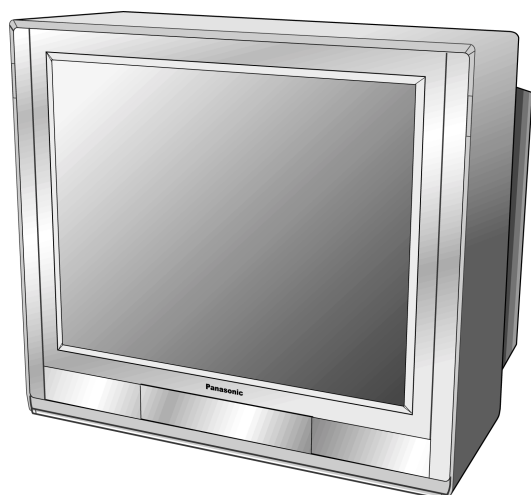


Service Manual

Colour Television



TX-29P82X

MX-10 Chassis

Specification

Power Source	AC Auto 110-240 V, 50/60 Hz	Video	31.5 MHz (D,K) / 32.5 MHz (B,G)
Power Consumption	158 W		32.0 MHz (I) / 32.5 MHz (M)
	Standby condition : 0.8 W	Sound	33.57 MHz (PAL) /
Aerial Terminal	Impedance : 75Ω, Coaxial type	Colour	33.6 MHz (SECAM)
Tuning System	Frequency Synthesizer		34.42 MHz (NTSC) /
	Auto Search Tuning		33.75 MHz (SECAM)
	Pos : 100 Positions	Receiving Stereo Sound System	QUADRA STEREO / TEXT
Receiving System	17 Systems	Video/Audio/Terminals	IN S-Video Y:1.0Vp-p 75Ω
Receiving Channels	Regular TV	AV 1, 2, 3	DVD IN S-Video C:0.3Vp-p 75Ω
VHF BAND	2-12 (PAL/SECAM B, K1)	Y / P _B / P _R	(Phone type) Y:1.0Vp-p 75Ω PB,
	0-12 (PAL B AUST.)		PR:0.7Vp-p 75Ω Video 1.0Vp-p
	1-9 (PAL B N.Z.)		75Ω Audio Approx. 400mV 47KΩ
	1-12 (PAL/SECAM D)		Video 1.0Vp-p 75Ω
	1-12 (NTSC M Japan)	Monitor Out	Audio Approx. 400mV 47KΩ
	2-13 (NTSC M U.S.A.)	High Voltage	31.0 (+0.7, -1.5kV) at zero beam current
UHF BAND	21-69 (PAL G,H,I/SECAM G,K,K1)	Picture Tube	M68LQK186XH Type 29 (68 cm)
	28-69 (PAL B AUST.)		Measured diagonally, 104° deflection
	13-57 (PAL D,K)	Audio Output	16 W speaker
	13-62 (NTSC M Japan)	Dimensions (W x D x H)	699 mm x 509 mm x 584 mm
	14-69 (NTSC M U.S.A.)	Weight (Mass)	49 kg (Net)
CATV	S1-S20 (OSCAR)	Accessories Supplied	Remote Control Transmitter
	1-125 (U.S.A. CATV)		1. R6(AA) Battery x 2
	C13-C49 (JAPAN)		
	S21-S41 (HYPER)		
	Z1-Z37 (CHINA)		
Intermediate Frequency	38.0 MHz	Note:	

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

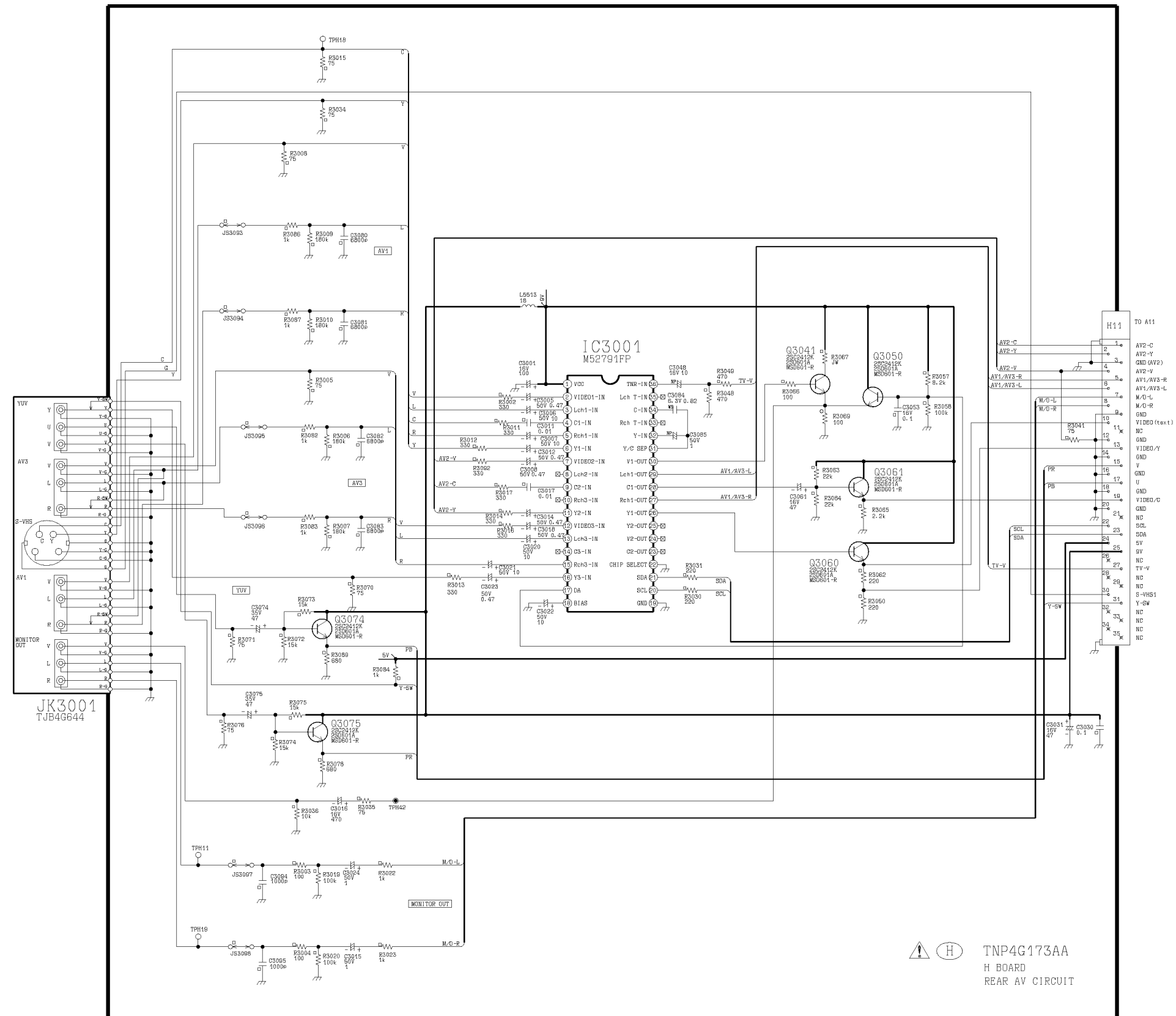
WARNING

This service information 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 information by anyone else could result in serious injury or death.

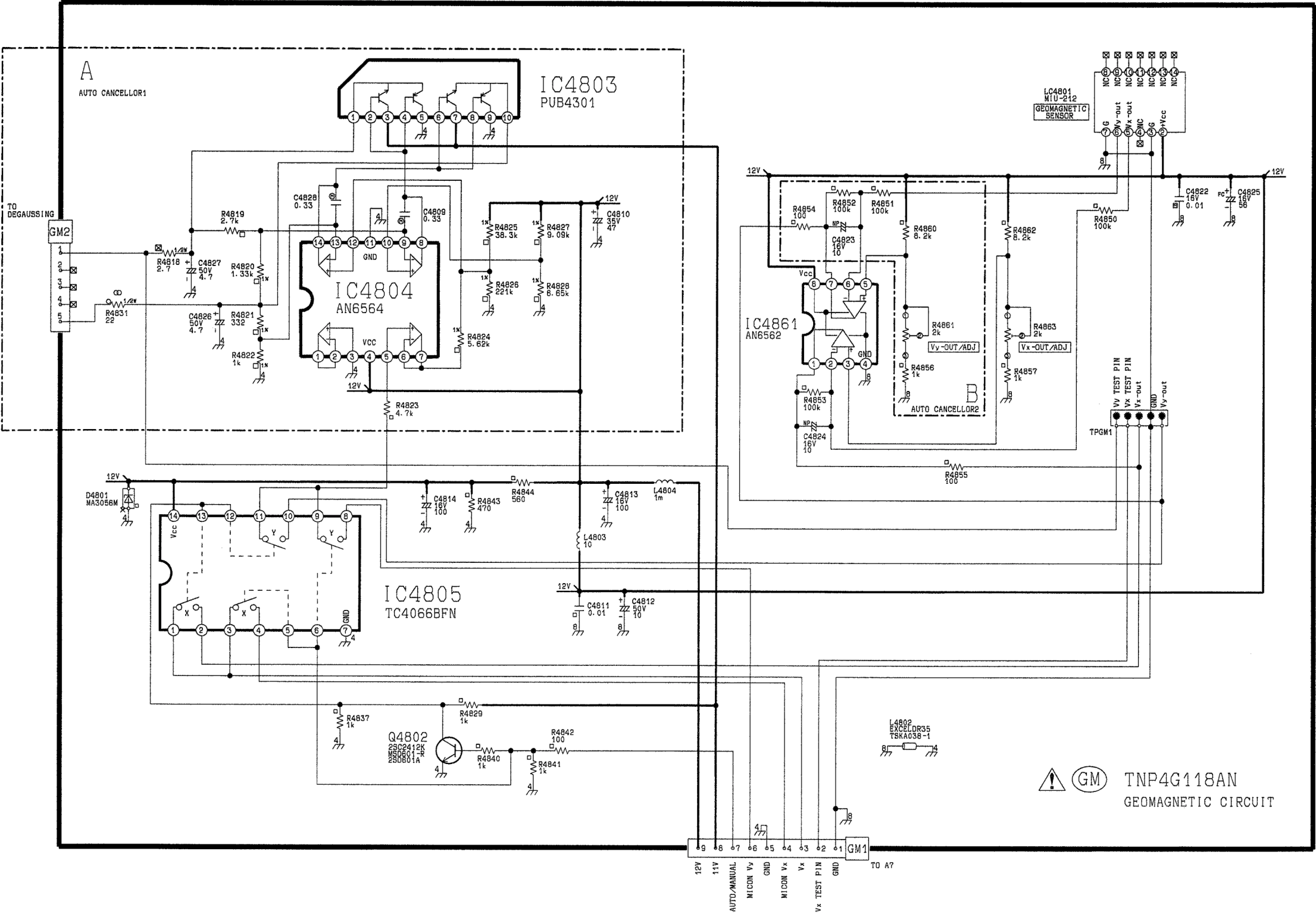
CONTENTS

	Page		Page
1 Safety Precautions	3	5.9. CONVERGENCE	10
1.1. General Guide	3	5.10. WHITE BALANCE (MARKET MODE CHK 3)	11
1.2. Leakage Current Cold Check	3	6 Memo	12
1.3. Leakage Current Hot Check (See Fig. 1)	3	7 CONDUCTOR VIEWS	13
1.4. X-Radiation	3	7.1. T-Board (TNP4G115AF) and L-Board (TNP4G107AV) ...	13
2 Location of Controls and Circuit Boards	4	7.2. A-Board (TNP4G164AD)	14
2.1. REAR VIEW	4	7.3. H-Board (TNP4G173AA), X-Board (TNP4G108BB) and	
2.2. LOCATION AND FUNCTION NAME OF CIRCUIT BOARD		GM-Board (TNP4G118AN)	15
.....	4	8 SCHEMATIC DIAGRAMS	17
3 Service Hints	5	8.1. SCHEMATIC DIAGRAM FOR MODEL TX-29P82X (MX-	
3.1. HOW TO MOVE CHASSIS INTO SERVICE POSITION. ..	5	10A CHASSIS)	17
4 MARKET MODE FUNCTION	6	8.2. Main Board (TNP4G164AD)	19
5 ADJUSTMENT PROCEDURE	8	8.3. Rear AV Circuit (TNP4G173AA)	21
5.1. B VOLTAGE	8	8.4. CRT Circuit (TNP4G107AV)	23
5.2. RF AGC	8	8.5. Pincushion Circuit (TNP4G108BB)	24
5.3. HIGH VOLTAGE	8	8.6. Teletext Circuit (TNP4G115AF)	25
5.4. SUB TINT	8	8.7. Geomagnetic Circuit (TNP4G118AN)	26
5.5. SUB CONTRAST	8	9 PARTS LOCATION	27
5.6. PAL COLOUR OUTPUT	9	10 Replacement Parts List	29
5.7. NTSC COLOUR OUTPUT	9	10.1. Replacement Parts List Notes	29
5.8. COLOUR PURITY	10	10.2. Replacement Parts List	30

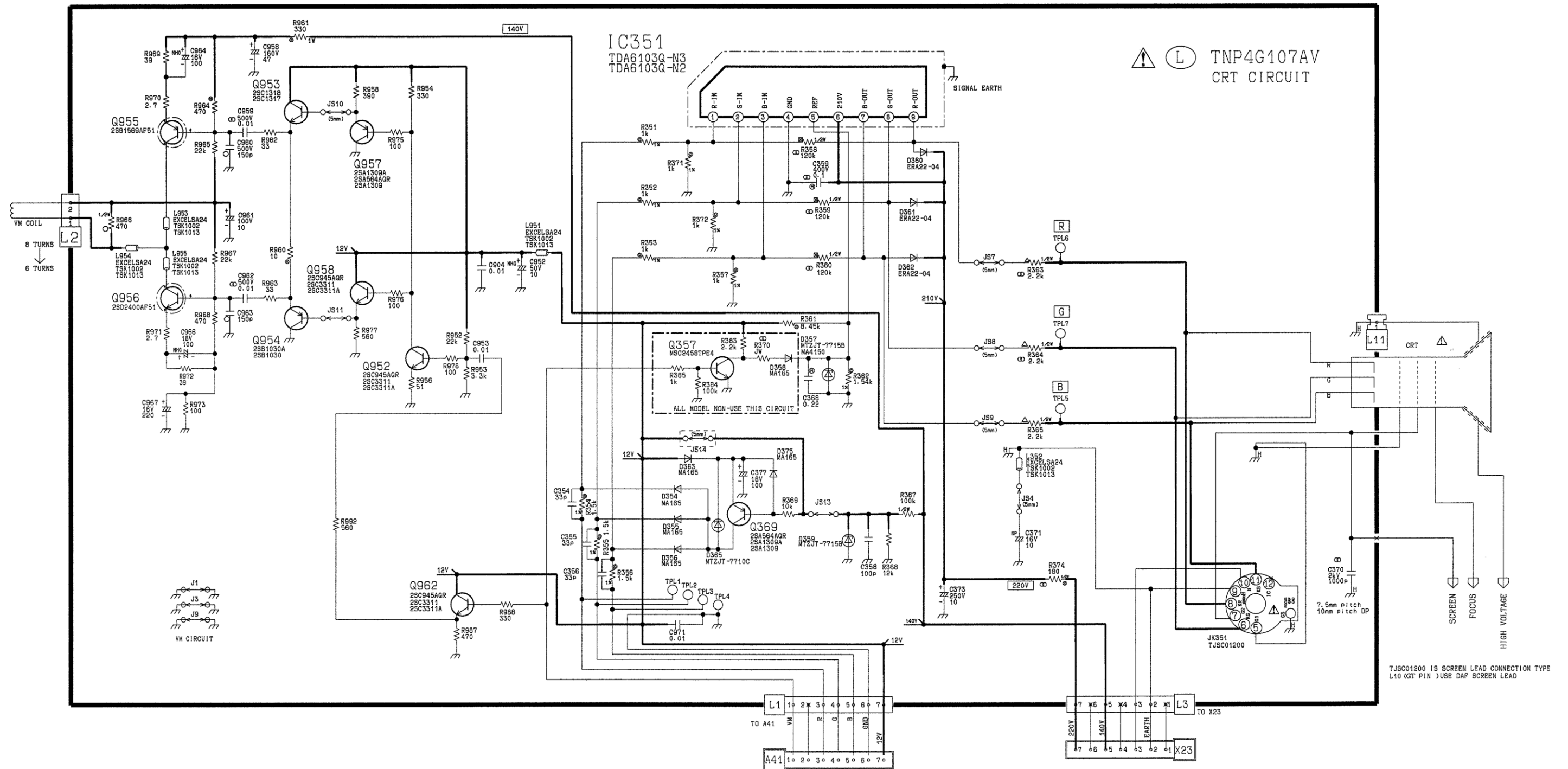
8.3. Rear AV Circuit (TNP4G173AA)



8.7. Geomagnetic Circuit (TNP4G118AN)

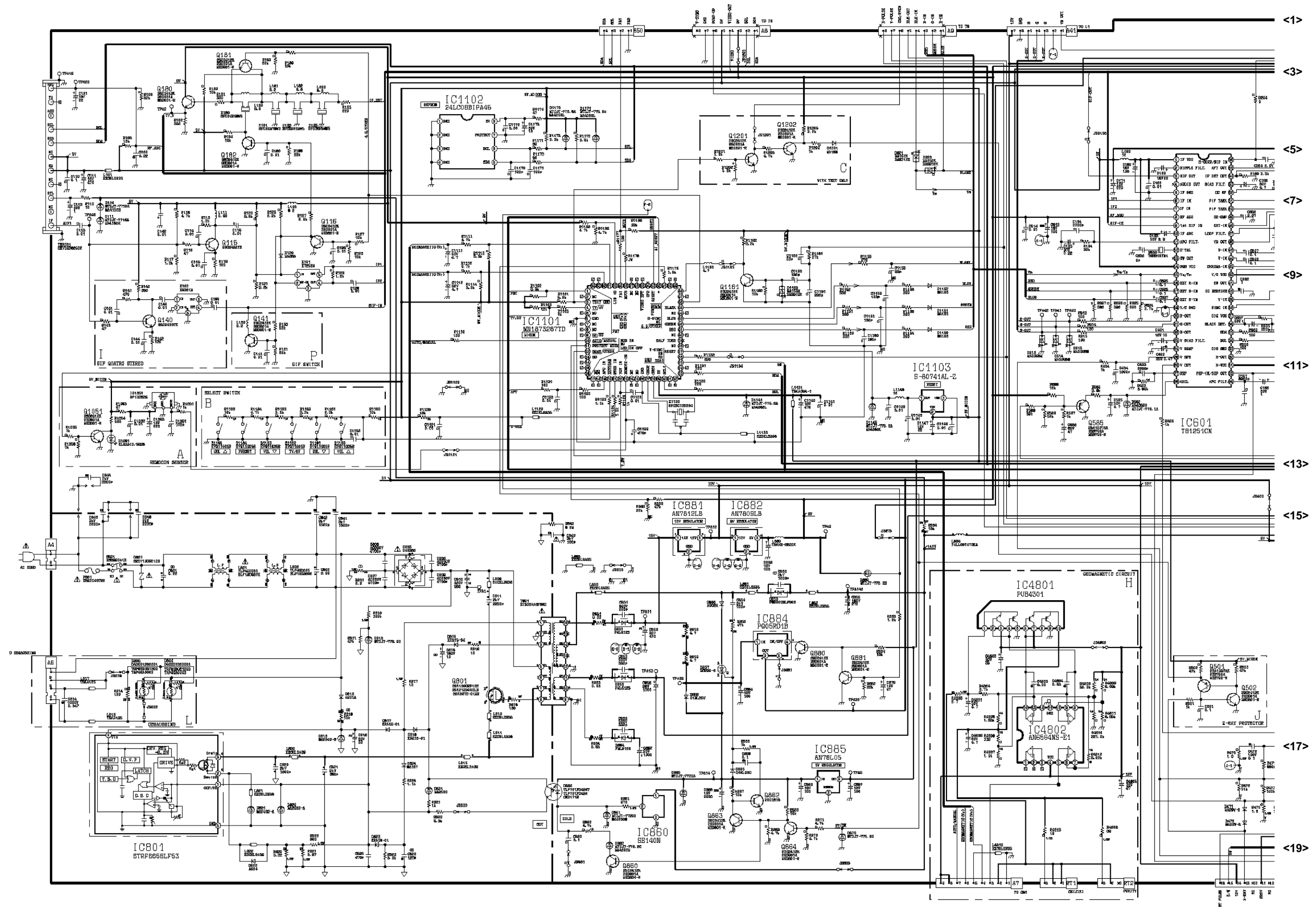


8.4. CRT Circuit (TNP4G107AV)



8.2. Main Board (TNP4G164AD)

Main Board (1/2)





8 SCHEMATIC DIAGRAMS

8.1. SCHEMATIC DIAGRAM FOR MODEL TX-29P82X (MX-10A CHASSIS)

Important Safety Notice

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

Notes:

1. Resistor

All resistors are carbon 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:

2. Capacitor

All capacitors are ceramic 50V capacitor, unless marked as follows:

Unit of capacitance is μ F, unless otherwise noted.

$\otimes$: Temperature Compensation	$\begin{array}{c} + \\ \text{---} \text{---} \text{---} \\ \text{NP} \end{array}$: Electrolytic
M : Polyester	NP : Bipolar
m : Metalized Polyester	T : Dipped Tantalum
$\boxtimes$: Polypropylene	Z : Z-Type

3. Coil

Unit of inductance is μ H, unless otherwise noted.

4. Test Point

$\bigcirc$: Test Point position

5. Earth Symbol

$\text{---} \text{---} \text{---}$: Chassis Earth (Cold) $\downarrow$: Line Earth (Hot)

6. Voltage Measurement

Voltage is measured by a DC voltmeter.

Conditions of the measurement are the following:

Power Source	AC 110-240V, 50/60 Hz
Receiving Signal	Colour Bar signal (RF)
All customer's controls	Maximum positions

7. Number in red circle indicates waveform number.

(See waveform pattern table.)

8. When arrow mark ($\nearrow$) is found, connection is easily found from the direction of arrow

9. Indicates the major signal flow. $\Rightarrow$: Video $\Rightarrow$: Audio

10. This schematic diagram is the latest at the time of printing and subject to change without notice.

Remarks:

1. 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 following precautions.

All circuits, except the Power Circuit, are cold.

Precautions

- a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
 - b. Do not short- circuit the hot and cold circuits or a fuse may blow and parts may break.
 - c. 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.
 - d. Make sure to disconnect the power plug before removing the chassis.
2. Following diodes are interchangeable.
MA150- MA162 (Replacement part)

1 Safety Precautions

1.1. General Guide

1. It is advisable to insert an isolation transformer in the AC supply before servicing a hot chassis. Fig. 1.

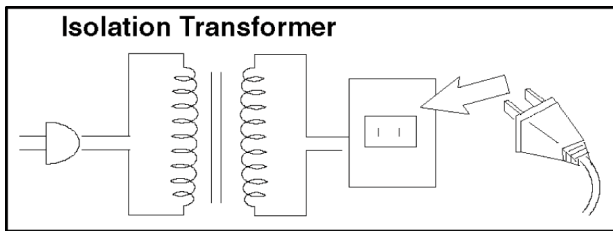


Fig. 1

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, observe 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 **31.7 kV** is present when this receiver is in operation. Operation of the receiver without the receiver 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 picture tube to the receiver chassis before handling the tube.

After servicing make the following leakage current checks to prevent the customer from being exposed to shock hazards.

1.2. Leakage Current Cold Check

1. Unplug the AC cord and connect a jumper between the two prongs on the plug. Fig. 2.

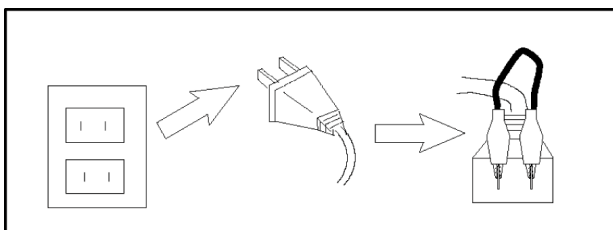


Fig. 2

2. Turn on the receiver's power switch.
3. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the receiver, such as screw heads, aerials, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be between **4 MΩ and 20 MΩ**. When the exposed metal does not have a return path to the chassis, the reading must be zero.

1.3. 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 kΩ, 10 W** resistor in series with an exposed metallic part on the receiver 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. Fig. 3.

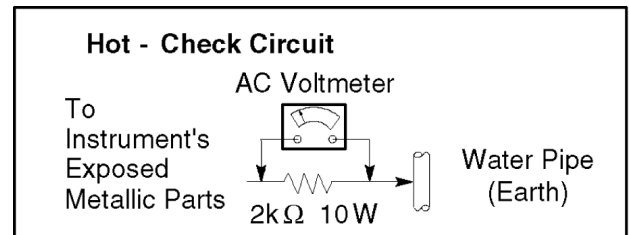


Fig. 3

5. Reverse the AC plug in the AC outlet and repeat each of the above measurements.
6. The potential any point should not exceed **1.0 V rms**. In the case of a measurement being outside of the limits specified, there is a possibility of a shock hazard, and the receiver should be repaired and re-checked before it is returned to the customer. Fig. 4.

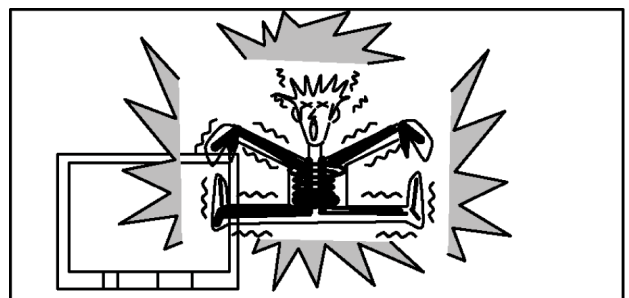


Fig. 4

1.4. X-Radiation

Warning :

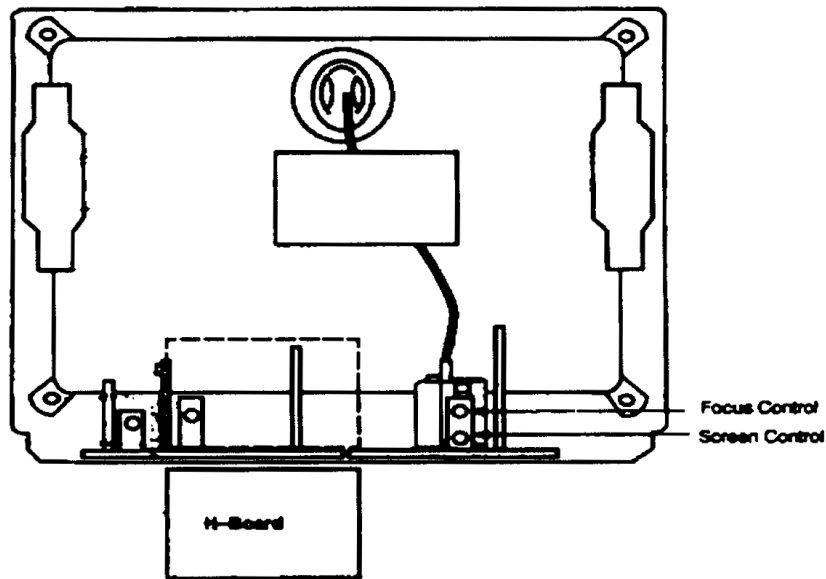
1. The potential sources of X-Radiation in TV sets are the EHT section and the picture tube.
2. When using a picture tube test rig for service, ensure that the rig is capable of handling **29.5 kV** without causing X-Radiation.

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

1. Set the brightness to minimum.
2. Measure the High Voltage. The meter reading should indicate **31.0 +0.7, -1.5kV**. If the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure.
3. To prevent the possibility of X-Radiation, it is essential to use the specified picture tube.

2 Location of Controls and Circuit Boards

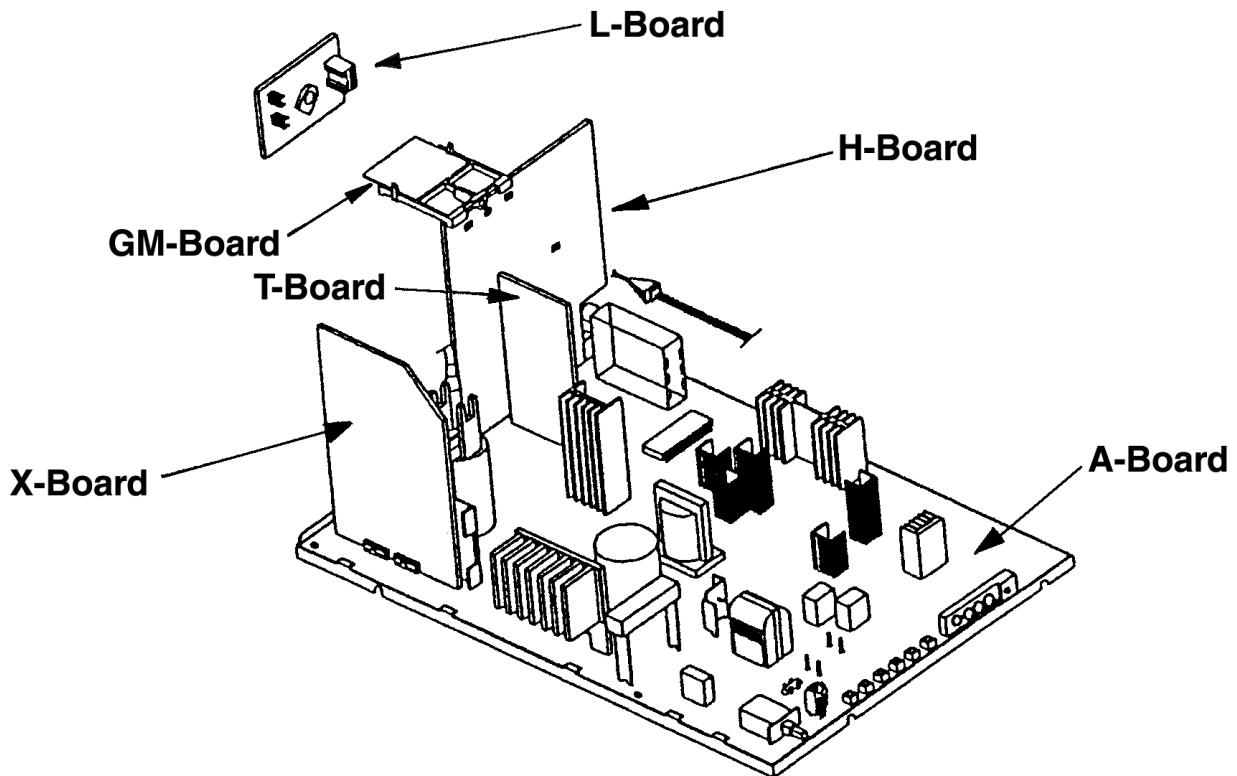
2.1. REAR VIEW



2.2. LOCATION AND FUNCTION NAME OF CIRCUIT BOARD

A - Main
H - Rear Av
L - Crt Board
X - Pin Cushion

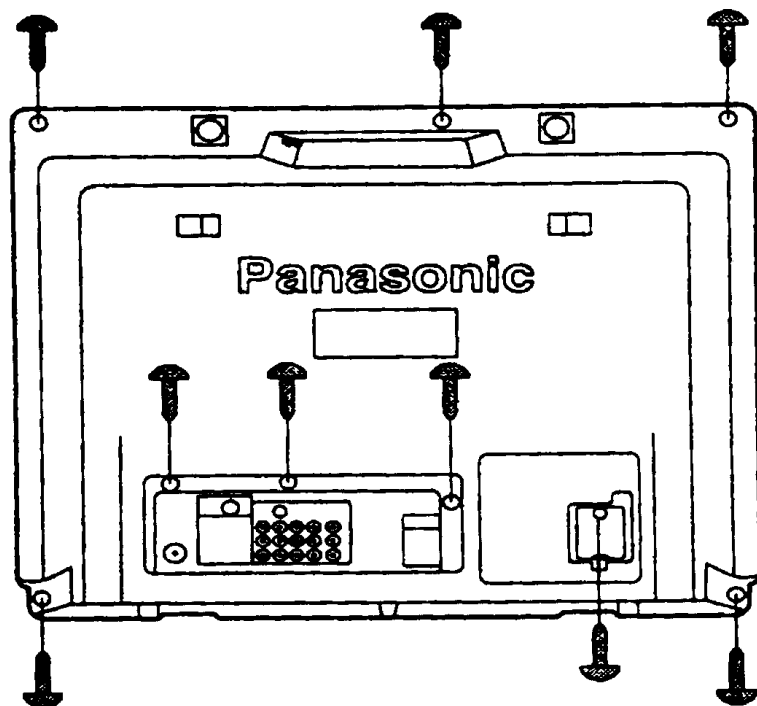
GM-GM Board
T-Text Board



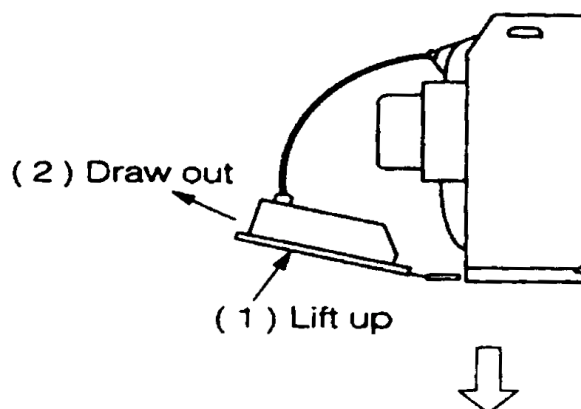
3 Service Hints

3.1. HOW TO MOVE CHASSIS INTO SERVICE POSITION.

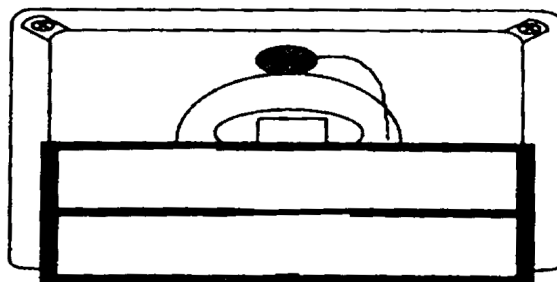
1. Remove 9 screws.



2. Draw out Main Chassis.



3. Stand the Main Chassis.



4 MARKET MODE FUNCTION

Outline:

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

1. Selection of Market Mode

Adjust the VOLUME “zero” and set OFF TIMER Button to 30 min. Then, simultaneously press the RECALL Button on the remote control and the VOLUME DOWN button - the TV set.

2. Selection of CHK Mode

Cursor moves each CHK Mode by pressing “1” or “2” of 10 key button on the remote control.

1. 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 the 10 key button.

Display	Adj. Range
COLOUR SYSTEM	0 ~ 6
MX 10A	OFF / ON
C4 BIT	OFF / ON
NOISE MUTE	OFF / ON
SPEED	OFF / ON
VCR / GAME	OFF / ON
YUV	OFF / ON
AV3	OFF / ON
STEREO	OFF / ON
GEO	0 ~ 2
SASO	0 ~ 2
TEXT	OFF / ON
PANA DISPLAY	OFF / ON
SOUND SYS	0 ~ 5

2. VCJ Adjustment Mode

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

Display	Adj. Range
SUB COLOUR	00H ~ 3FH
COLOUR	0 ~ 63
RF AGC	00H ~ FFH
SECAM B-Y	00H ~ 0FH
SECAM R-Y	00H ~ 0FH
B-Y	00H ~ 0FH
R-Y	00H ~ 0FH
SUB TEXT CONT	00H ~ 3FH
SHARPNESS	0 ~ 63
SUB Y CONT	00H ~ 3FH
CONT	0 ~ 63
SUB BRIGHT	00H ~ FFH
BRIGHT	0 ~ 63
SUB NTSC-TINT	00H ~ 3FH

3. Pincushion Adjustment Mode

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

Display	Adj. Range
PARABOLA	00H ~ 3FH
60 V-HEIGHT	00H ~ 3FH
50 V-HEIGHT	00H ~ 3FH
SUB GEO	00H ~ 3FH
GEOMAGNETIC	-9 AUTO 9
V CENTER	00H ~ 07H
50Hz CENTER	00H ~ 1FH
EW-CORNER 1	00H ~ 0FH
TRAPEZOID	00H ~ 3FH
V-LINEAR	00H ~ 3FH
60 VS CORRECT	00H ~ 3FH
50 VS CORRECT	00H ~ 3FH
H-WIDTH	00H ~ 3FH

Note : Picture will be changed to one horizontal line by pressing “5” of the 10 key button in the remote control. (1 - 5).

4. White Balance Adjustment Mode

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

Display	Adj. Range
B. DR	00H ~ FFH
G. DR	00H ~ FFH
SUB.BR	00H ~ FFH
BRIGHT	0 ~ 63
B - CUT	00H ~ FFH
G - CUT	00H ~ FFH
R - CUT	00H ~ FFH

5 ADJUSTMENT PROCEDURE

5.1. B VOLTAGE

Item/Preparation	Adjustment Procedure
1. Operate the TV set. 2. Set controls : (MARKET MODE CHK 2) Bright Minimum Contrast Minimum Volume Minimum	1. Confirm that the indicated test points for the specified voltage: TPA 140 : $141 \pm 2V$ TPA 12 : $12 \pm 1.0V$ TPA 9 : $9 \pm 1V$ TPA 5 & TPA 32 : $5 \pm 1V$ TPA 220 : $220 \pm 15V$

5.2. RF AGC

Item/Preparation	Adjustment Procedure
1. Receive a colour bar pattern. 2. Set the input level to 66 (+1.2) db. (75Ω opened) 3. Connect an oscilloscope to AGC : TPA 20 with DC mode.	1. Set RF AGC Control such as to procedure a snowy picture. 2. Set RF AGC Control at the point just before the voltage at AGC : TPA 20 begins to drop. 3. Increase the input level by 3 db and confirm that the voltage changes.

5.3. HIGH VOLTAGE

Item/Preparation	Adjustment Procedure
1. Operate the TV set. 2. Receive the crosshatch pattern. 3. Set to 0 Beam (Screen Control : min. CONTRAST : min)	1. Connect a DC voltage meter to D850 cathode and confirm the voltage is $141.0 \pm 2.0V$. 2. Connect a high voltage meter (Electrostatic Type) to an anode of the picture tube. 3. Confirm that the high voltage is within the range of $31.0 \pm 0.7V$.

5.4. SUB TINT

Item/Preparation	Adjustment Procedure
1. Receive a 3.58 MHz NTSC rainbow pattern 2. Connect oscilloscope to A21 pin 6. 3. Set controls: BRT.....CENTER COLOUR.....CENTER CONTRAST....MAX NTSC TINT.....CENTER AI.....OFF	1. Adjust Sub NTSC Tint so that the peak of level of waveform is similar to Fig. 3 2. Receive the Rainbow pattern (3.58 MHz NTSC) on both of Main and Sub pictures. 3. Adjust Sub NTSC Tint 2 so that the peak of level of $1.3 \pm 0.5V$

5.5. SUB CONTRAST

Item/Preparation	Adjustment Procedure
1. Receive a colour bar pattern. 2. Connect an oscilloscope to TPA40. 3. Connect a short jumper between D11-1 and D11-2 / TPA53 and TPA54 FBT pin 3 or TPA34 and TPA32. 4. Set controls: Picture menu Dynamic Normal AI off	1. Adjust Bright Colour: a = $2.4 \pm 0.2V_{p-p}$ 2. Adjust Sub Contrast Colour: b = $2.7 \pm 0.1V_{p-p}$

5.6. PAL COLOUR OUTPUT

Item/Preparation	Adjustment Procedure
1. Receive PAL colour bar pattern. 2. Connect an oscilloscope probe to TPA42. 3. Connect a short jumper to FBT pin 3 or TPA34 and TPA32. 4. Set control : Picture menu.....DYNAMIC NORMAL Al.....off	1. Adjust Bright Control. $a = 2.3 \pm 0.5V_{p-p}$ 2. Adjust Sub Colour control. 3. Connect the oscilloscope probe to TPA40. 4. Connect the waveform. $b = 3.1 \pm 0.5V_{p-p}$

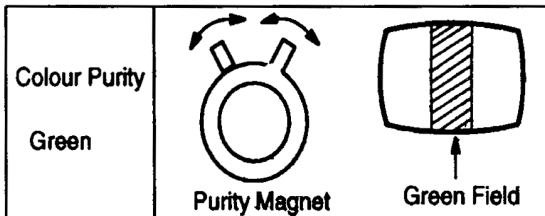
5.7. NTSC COLOUR OUTPUT

Item/Preparation	Adjustment Procedure
1. Apply 3.58MHz NTSC Rainbow pattern. 2. Connect an oscilloscope to TPA40. 3. Connect a short jumper to FBT pin 3 or TPA34 and TPA32. 4. Set control : Picture menu.....DYNAMIC CONTROL Channel Colour Set.....STD	1. Adjust Bright Control. $a = 2.3 \pm 0.2V_{p-p}$ 2. Connect the waveform. $b = 1.3 \pm 0.5V_{p-p}$

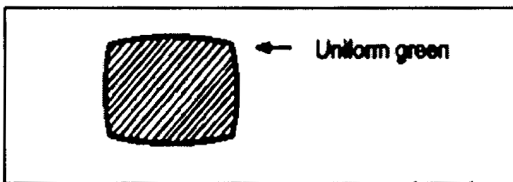
Before Colour Purity, Convergence and White Balance adjustments are attempted, V. Center, V. Height, H. Width, H. Center and Focus adjustments must be completed.

5.8. COLOUR PURITY

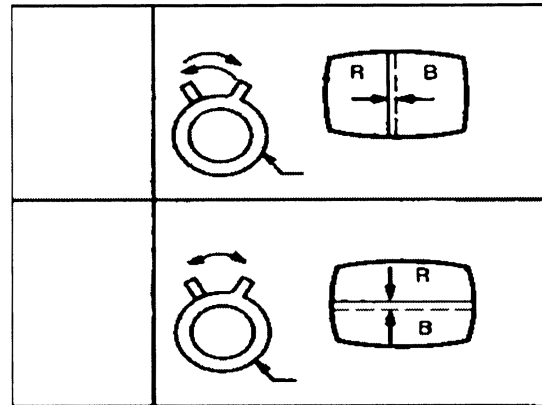
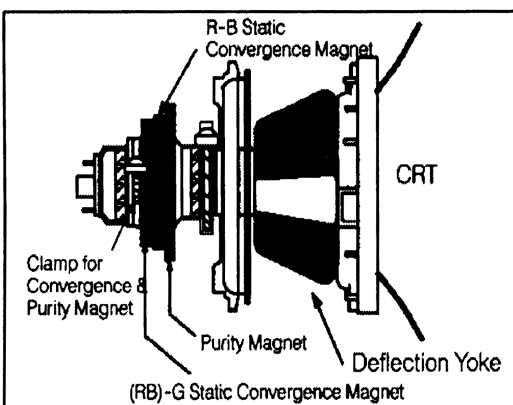
1. Set Bright and Contrast controls to their maximum positions.
2. Operate the TV set over 15 minutes.
3. Full degauss the picture tube by using an external degaussing coil. By rotating R-B static convergence magnet.
4. Apply a crosshatch pattern signal and adjust roughly the static convergence magnets.
5. Apply a green pattern signal.
6. Loosen a clamp screw for the deflection yoke and move the deflection yoke as close to the purity magnet as possible.
7. Adjust the purity magnet so that a vertical green field is obtained at the center of the screen.



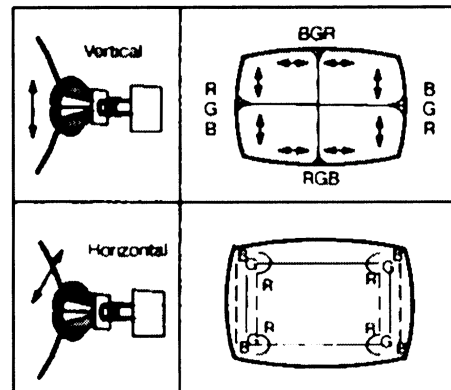
8. Slowly press the deflection yoke and set it where a uniform green field is obtained.



9. Adjust roughly the Low Light controls and make sure that a uniform white field is obtained.
10. Tighten the clamp screw.



4. Adjust Red and Blue with Green line at center of the screen by rotating (RB)-G static convergence magnet.
5. Lock convergence magnets with silicone sealer.
6. Remove the DY wedges and slightly tilt the deflection yoke vertically.



7. Fix the deflection yoke by re-inserting the DY wedges.
8. If purity error is found, repeat "Colour Purity" adjustment.

5.9. CONVERGENCE

1. Apply a crosshatch pattern signal and set Contrast control to the maximum position.
2. Adjust Bright control to obtain a clear pattern.
3. Adjust Red and Blue line at center of the screen.

5.10. WHITE BALANCE (MARKET MODE CHK 3)

Preparation

1. Receive a colour bar signal with colour "OFF", and operate the TV set for more than 15 minutes.
2. Set the picture menu to "DYNAMIC NORMAL" and the AI to off.
3. Connect an oscilloscope to TPL7 with DC mode.
4. Set the TV set to Market Mode : white balance adjustment (CHK 3).
5. Screen VR : Min.
6. Set the data level of SUB BRIGHT, R, G, B-CUTOFF and R, G, B-DRIVE to the table values.

Display	Data Level
R-CUT OFF	63
G-CUT OFF	128
B-CUT OFF	63
R-DRIVE	128
B-DRIVE	128
SUB BRIGHT	63

Adjustment

1. Select G-CUTOFF adjustment mode and collapse vertical scan.
2. Adjust G-CUTOFF control to become the DC=0 V to video level at 180 V as shown in Fig. 1.

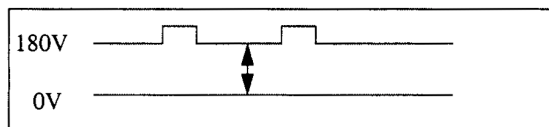
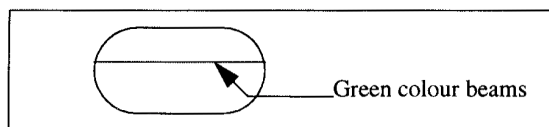


Fig. 1

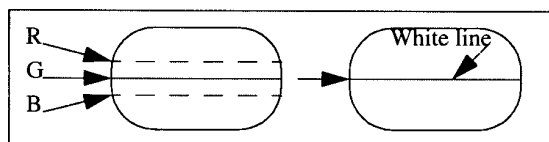
3. Slowly turn the screen control clockwise until a green colour horizontal line appears on the picture tube. This is the setting point for the screen control.

Note:

Do not adjust the G-CUTOFF setting in the following procedure.



4. Adjust the remaining R and B-CUTOFF controls so as to get a white horizontal line on the screen.



5. Return to full field SCAN by pushing the position 5 key on the remote control.
6. Adjust the R-Drive and B-Drive controls as to obtain a uniform white on the white bar of the greyscale pattern.
7. Confirm correct B/W rendition and greyscale tracking or repeat CUTOFF and drive control setup.

Note:

Write down the original value for each address adjustment before adjusting anything.

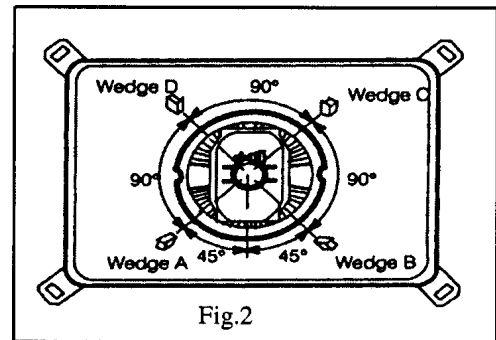
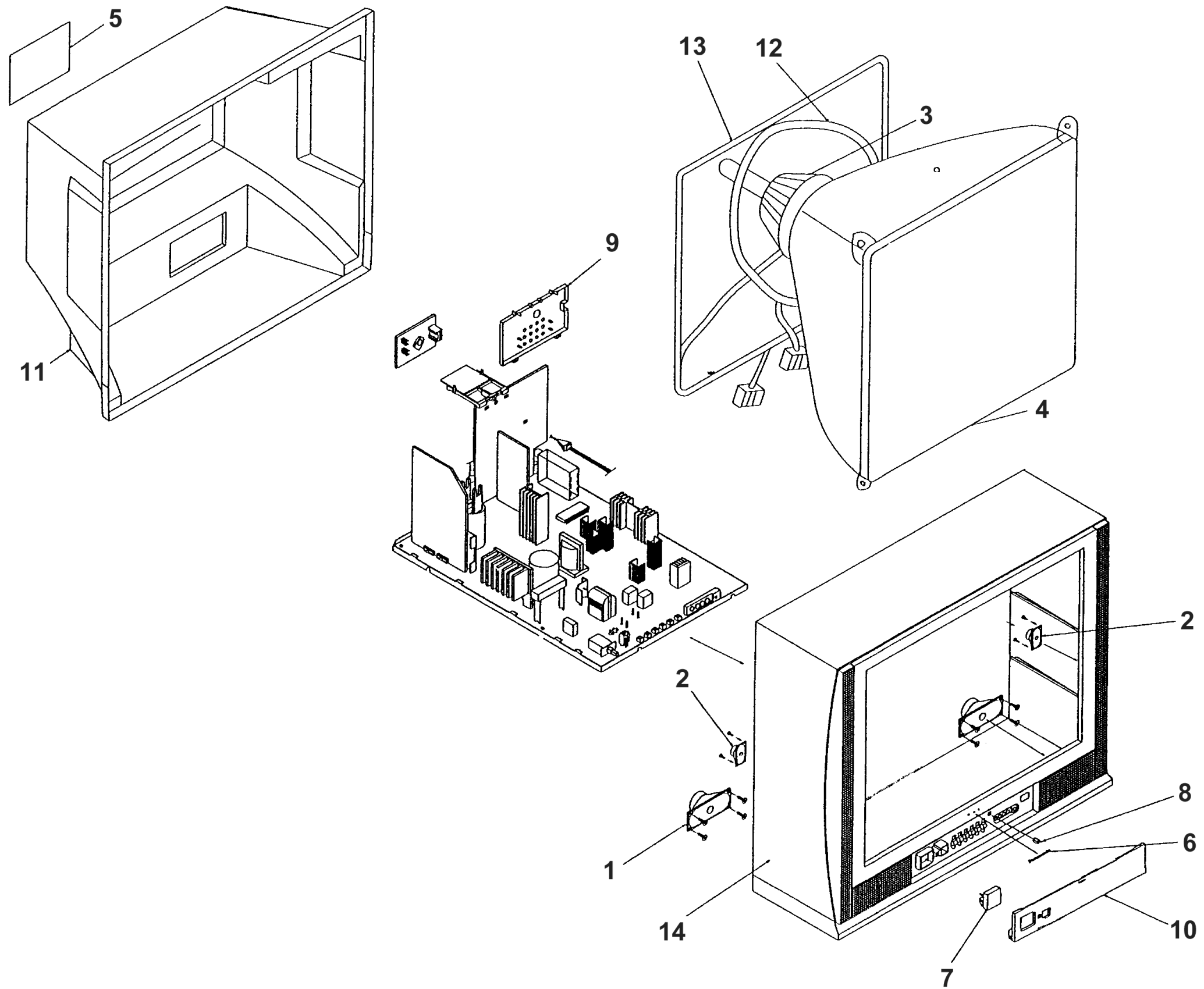


Fig.2

8. Wedge A shown in Fig. 2 should be fixed within a range of 45° to the left of the vertical line as shown.
9. After inserting wedge A, insert wedges B, C and D. The wedges should be set 90° apart from each other.
10. Be certain that the four wedges are firmly fixed and the deflection yoke is tightly clamped in place otherwise the deflection yoke may shift its position and cause a loss of convergence and purity.

9 PARTS LOCATION



10 Replacement Parts List

10.1. Replacement Parts List Notes

Important Safety Notice

Components identified by $\triangle$ 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

Example:

ERD25TJ104 $\triangle$ 100KOHM, $\triangle$ 1/4W

Type

Allowance

2. Capacitor

Example:

ECKF1H103ZF $\triangle$ 0.01UF, $\triangle$ 50V

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 : $+80\%, -20\%$

10.2. Replacement Parts List

Mechanical Parts - TX-29P82X

Ref. No.	Part No.	Part Name & Description	Remarks
1	EASG12D559A2	SPEAKER	
2	EASG7D507A2	TWEETER	
	EUR511044	REMOTE CONTROL	
3	KDY4UH986F1	DEFLECTION YOKE	▲
4	M68LQK186XH	PICTURE TUBE	▲
5	TBM4G0734	MODEL NAME PLATE	▲
6	TBM4G3010	PANASONIC BADGE	
7	TBX4G87610	POWER BUTTON	
8	TEK6935	DOOR SWITCH	
	TES4G406	COIL SPRING	
	THT4G1011R	CRT SCREW	
9	TKP4G12312	REAR AV BRACKET	
10	TKP4G12424-1	DOOR	
11	TKU4G9412-1	BACK COVER	
12	TLK4G9022T-1	ROTATION COIL	▲
13	TLK4G9048S	DEGAUSSING COIL	▲
	TMM4G502	RUBBER WASHER	
	TMM4G503	RUBBER WEDGE	
NLA	TNP4G107AV	L BOARD	▲
NLA	TNP4G108BB	X BOARD	▲
NLA	TNP4G115AF	T BOARD	▲
NLA	TNP4G118AN	GM BOARD	▲
NLA	TNP4G164AD	A BOARD	▲
NLA	TNP4G173AA	H BOARD	▲
	TPC4G46901	CARTON	
	TPD4G1079	CUSHION (TOP)	
	TPD4G2071	CUSHION (BOTTOM)	
	TPE4G14023	SET COVER	
	TPE4G14024	TOP COVER	
	TQB4G1992	FAN BAG	
	TSM10032-3	MAGNET	
	TSN63115-4	PURITY MAGNET	
	TSX4G111H1	AC POWER CORD	
14	TXFKY01TU2S	CABINET ASSY	▲
	RESISTORS		
R106	ERJ6GEYJ823	M 82KOHM, J, 1/10W	
R108	ERJ6GEYJ153	M 15KOHM, J, 1/10W	
R110	ERJ6GEYJ100	M 100HM, J, 1/10W	
R115	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	
R116	ERJ6GEYJ470	M 470HM, J, 1/10W	
R117	ERJ6GEYJ122	M 1.2KOHM, J, 1/10W	
R118	ERJ6GEYJ122	M 1.2KOHM, J, 1/10W	
R119	ERJ6GEYJ121	M 1200HM, J, 1/10W	
R120	ERJ6GEYJ682	M 6.8KOHM, J, 1/10W	
R121	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	
R125	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	
R126	ERJ6GEYJ122	M 1.2KOHM, J, 1/10W	
R127	ERJ6GEYJ103	M 10KOHM, J, 1/10W	
R128	ERJ6GEYJ103	M 10KOHM, J, 1/10W	
R140	ERJ6GEYJ391	M 3900HM, J, 1/10W	
R141	ERJ6GEYJ471	M 4700HM, J, 1/10W	
R142	ERJ6GEYJ121	M 1200HM, J, 1/10W	
R143	ERJ6GEYJ470	M 470HM, J, 1/10W	
R150	ERJ6GEYJ563	M 56KOHM, J, 1/10W	
R151	ERJ6GEYJ563	M 56KOHM, J, 1/10W	
R160	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	
R161	ERJ6GEYJ331	M 3300HM, J, 1/10W	
R162	ERJ6GEYJ331	M 3300HM, J, 1/10W	
R164	ERJ6GEYJ333	M 33KOHM, J, 1/10W	
R166	ERJ6GEYJ153	M 15KOHM, J, 1/10W	
R167	ERJ6GEYJ104	M 100KOHM, J, 1/10W	
R180	ERJ6GEYJ103	M 10KOHM, J, 1/10W	
R181	ERJ6GEYJ331	M 3300HM, J, 1/10W	
R182	ERD25VJ331	C 3300HM, J, 1/4W	
R183	ERJ6GEYJ823	M 82KOHM, J, 1/10W	
R184	ERJ6GEYJ103	M 10KOHM, J, 1/10W	
R541	ERDS2TJ331	C 3300HM, J, 1/4W	
R542	ERG3FJ392H	M 3.9KOHM, J, 3W	
R544	ERQ3CJ122	F 1.2KOHM, J, 3W	
R551	ERDS2TJ102	C 1KOHM, J, 1/4W	

Ref. No.	Part No.	Part Name & Description	Remarks
R570	ERJ6GEYJ102	M 1KOHM, J, 1/10W	
R571	ERJ6GEYJ273	M 27KOHM, J, 1/10W	
R572	ERJ6GEYJ273	M 27KOHM, J, 1/10W	
R573	ERJ6GEYJ274	M 270KOHM, J, 1/10W	
R574	ERJ6GEYJ563	M 56KOHM, J, 1/10W	
R575	ERJ6GEYJ104	M 100KOHM, J, 1/10W	
R576	ERJ6GEYJ564	M 560KOHM, J, 1/10W	
R584	ERJ6GEYJ272	M 2.7KOHM, J, 1/10W	
R585	ERJ6GEYJ392	M 3.9KOHM, J, 1/10W	
R586	ERJ6GEYJ153	M 15KOHM, J, 1/10W	
R587	ERJ6GEYJ102	M 1KOHM, J, 1/10W	
R588	ERJ6GEYJ513	M 51KOHM, J, 1/10W	
R589	ERJ6GEYJ683	M 68KOHM, J, 1/10W	
R608	ERJ6GEYJ101	M 1000HM, J, 1/10W	
R609	ERJ6GEYJ101	M 1000HM, J, 1/10W	
R613	ERJ6GEYJ101	M 1000HM, J, 1/10W	
R614	ERJ6GEYJ101	M 1000HM, J, 1/10W	
R615	ERJ6GEYJ101	M 1000HM, J, 1/10W	
R624	ERJ6GEYJ272	M 2.7KOHM, J, 1/10W	
R625	ERJ6GEYJ391	M 3900HM, J, 1/10W	
R626	ERJ6GEYJ391	M 3900HM, J, 1/10W	
R627	ERJ6GEYJ391	M 3900HM, J, 1/10W	
R635	ERJ6GEYJ224	M 220KOHM, J, 1/10W	
R638	ERDS1VJ271	C 2700HM, J, 1/2W	
R640	ERJ6GEYJ563	M 56KOHM, J, 1/10W	
R641	ERJ6GEYJ223	M 22KOHM, J, 1/10W	
R642	ERJ6GEYJ182	M 1.8KOHM, J, 1/10W	
R643	ERDS2TJ471	C 4700HM, J, 1/4W	
R644	ERJ6GEYJ102	M 1KOHM, J, 1/10W	
R648	ERJ6GEYJ181	M 1800HM, J, 1/10W	
R649	ERJ6GEYJ471	M 4700HM, J, 1/10W	
R650	ERJ6GEYJ103	M 10KOHM, J, 1/10W	
R651	ERJ6GEYJ103	M 10KOHM, J, 1/10W	
R660	ERJ6GEYJ331	M 3300HM, J, 1/10W	
R661	ERJ6GEYJ681	M 6800HM, J, 1/10W	
R665	ERJ6GEYJ822	M 8.2KOHM, J, 1/10W	
R700	ERQ1CJPR82S	F 0.820HM, J, 1W	
R701	ERDS2TJ103	C 10KOHM, J, 1/4W	
R702	ERF5ZJ121	W 1200HM, J, 5W	
R703	ERDS1FJ222	C 2.2KOHM, J, 1/2W	
R704	ERDS2TJ121	C 1200HM, J, 1/4W	
R705	ERDS2TJ822	C 8.2KOHM, J, 1/4W	
R706	ERQ14AJ4R7E	F 4.70HM, J, 1/4W	
R708	ERQ1CJ151	F 1500HM, J, 1W	
R709	ERQ2CJP102S	F 1KOHM, J, 2W	
R711	ERDS2TJ101	C 1000HM, J, 1/4W	
R712	ERDS2TJ822	C 8.2KOHM, J, 1/4W	
R714	ERDS2TJ272	C 2.7KOHM, J, 1/4W	
R715	ERDS2TJ222	C 2.2KOHM, J, 1/4W	
R716	ERDS2TJ103	C 10KOHM, J, 1/4W	
R717	ERDS2TJ103	C 10KOHM, J, 1/4W	
R718	ERDS2TJ103	C 10KOHM, J, 1/4W	
R750	ERDS2TJ243	C 24KOHM, J, 1/4W	
R751	ERD25TJ104	C 100KOHM, J, 1/4W	
R752	ERDS2TJ103	C 10KOHM, J, 1/4W	
R753	ERDS2TJ821	C 8200HM, J, 1/4W	
R755	ER0S2CHF1503	M 150KOHM, F, 1/4W	
R756	TR0S2THF1152	M11.5KOHM, F, 1/4W	
R758	TAR26EJ2R7Z	W 2.70HM, J, 10W	
R801	TAR26FJ2R2Z	W 2.20HM, 15W	▲
R810	ERDS1TJ394	C 390KOHM, J, 1/2W	
R811	ERDS2TJ473	C 47KOHM, J, 1/4W	
R814	ERF5ZJ121	W 1200HM, J, 5W	
R1110	ERJ6GEYJ101	M 1000HM, J, 1/10W	
R1111	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	
R1112	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	
R1113	ERJ6GEYJ332	M 3.3KOHM, J, 1/10W	
R1114	ERJ6GEYJ332	M 3.3KOHM, J, 1/10W	
R1120	ERJ6GEYJ101	M 1000HM, J, 1/10W	
R1121	ERJ6GEYJ101	M 1000HM, J, 1/10W	
R1123	ERJ6GEYJ152	M 1.5KOHM, J, 1/10W	
R1124	ERJ6GEYJ152	M 1.5KOHM, J, 1/10W	

Ref. No.	Part No.	Part Name & Description	Remarks
R1125	ERJ66EYJ102	M 1KOHM, J, 1/10W	
R1126	ERJ6ENF1002	M 10KOHM, 1/10W	
R1130	ERJ66EYJ221	M 220OHM, J, 1/10W	
R1131	ERJ66EYJ221	M 220OHM, J, 1/10W	
R1132	ERJ66EYJ221	M 220OHM, J, 1/10W	
R1150	ERJ66EYJ331	M 330OHM, J, 1/10W	
R1151	ERJ66EYJ331	M 330OHM, J, 1/10W	
R1152	ERJ66EYJ331	M 330OHM, J, 1/10W	
R1153	ERJ66EYJ271	M 270OHM, J, 1/10W	
R1154	ERJ66EYJ391	M 390OHM, J, 1/10W	
R1155	ERJ66EYJ391	M 390OHM, J, 1/10W	
R1156	ERJ66EYJ391	M 390OHM, J, 1/10W	
R1160	ERJ66EYJ103	M 10KOHM, J, 1/10W	
R1161	ERJ66EYJ273	M 27KOHM, J, 1/10W	
R1162	ERJ66EYJ222	M 2.2KOHM, J, 1/10W	
R1166	ERJ66EYJ223	M 22KOHM, J, 1/10W	
R1168	ERJ66EYJ472	M 4.7KOHM, J, 1/10W	
R1169	ERJ66EYJ472	M 4.7KOHM, J, 1/10W	
R1170	ERJ66EYJ560	M 560HM, J, 1/10W	
R1171	ERJ66EYJ560	M 560HM, J, 1/10W	
R1172	ERJ66EYJ332	M 3.3KOHM, J, 1/10W	
R1173	ERJ66EYJ332	M 3.3KOHM, J, 1/10W	
R1174	ERJ66EYJ470	M 470HM, J, 1/10W	
R1175	ERJ66EYJ182	M 1.8KOHM, J, 1/10W	
R1176	ERJ66EY0R00	M 00HM, J, 1/10W	
R1177	ERJ66EYJ101	M 100OHM, J, 1/10W	
R1180	ERJ6ENF1002	M 10KOHM, 1/10W	
R1181	ERJ6ENF2201	M 2.2KOHM, 1/10W	
R1182	ERJ6ENF2201	M 2.2KOHM, 1/10W	
R1183	ERJ6ENF3301	M 3.3KOHM, 1/10W	
R1184	ERJ6ENF4701	M 4.7KOHM, 1/10W	
R1185	ERJ6ENF1002	M 10KOHM, 1/10W	
R1190	ER0S2CKF1202	M 12KOHM, F, 1/4W	
R1191	ER0S2CHF8201	M 8.2KOHM, F, 1/4W	
R1201	ERJ66EYJ562	M 5.6KOHM, J, 1/10W	
R1202	ERJ66EYJ562	M 5.6KOHM, J, 1/10W	
R1203	ERJ66EYJ472	M 4.7KOHM, J, 1/10W	
R1204	ERJ66EYJ102	M 1KOHM, J, 1/10W	
R1205	ERJ66EYJ222	M 2.2KOHM, J, 1/10W	
R2001	ERQ1CJP5R6S	F 5.60HM, J, 1W	
R2003	ERJ66EY0R00	M 00HM, J, 1/10W	
R2004	ERJ66EY0R00	M 00HM, J, 1/10W	
R2104	ERJ66EYJ103	M 10KOHM, J, 1/10W	
R2110	ERJ66EY0R00	M 00HM, J, 1/10W	
R2111	ERJ66EY0R00	M 00HM, J, 1/10W	
R2112	ERJ66EYJ222	M 2.2KOHM, J, 1/10W	
R2113	ERJ66EYJ222	M 2.2KOHM, J, 1/10W	
R2116	ERJ66EYJ101	M 100OHM, J, 1/10W	
R2117	ERJ66EYJ101	M 100OHM, J, 1/10W	
R2130	ERJ66EYJ471	M 470OHM, J, 1/10W	
R2131	ERJ66EYJ101	M 100OHM, J, 1/10W	
R2330	ERJ66EYJ103	M 10KOHM, J, 1/10W	
R2331	ERJ66EYJ102	M 1KOHM, J, 1/10W	
R2801	ERJ66EYJ103	M 10KOHM, J, 1/10W	
R2803	ERDS2TJ8R2	C 8.20HM, J, 1/4W	
R2804	ERJ66EYJ472	M 4.7KOHM, J, 1/10W	
R2805	ERJ66EYJ752	M 7.5KOHM, J, 1/10W	
R2806	ERJ66EYJ123	M 12KOHM, J, 1/10W	
R3508	ERJ66EYJ562	M 5.6KOHM, J, 1/10W	
R3509	ERJ66EYJ562	M 5.6KOHM, J, 1/10W	
R3510	ERJ86EYJ102	M 1KOHM, J, 1/8W	
R3511	ERJ86EYJ102	M 1KOHM, J, 1/8W	
R3513	ERJ6ENF1002	M 10KOHM, 1/10W	
R3515	ERJ66EYJ682	M 6.8KOHM, J, 1/10W	
R3517	ERJ66EYJ331	M 330OHM, J, 1/10W	
R3518	ERJ66EYJ472	M 4.7KOHM, J, 1/10W	
R3520	ERJ66EYJ472	M 4.7KOHM, J, 1/10W	
R3521	ERJ66EYJ472	M 4.7KOHM, J, 1/10W	
R3522	ERJ66EYJ472	M 4.7KOHM, J, 1/10W	
R3523	ERJ66EYJ472	M 4.7KOHM, J, 1/10W	
R3524	ERJ66EYJ472	M 4.7KOHM, J, 1/10W	
R3525	ERJ66EYJ103	M 10KOHM, J, 1/10W	
R3526	ERJ66EYJ472	M 4.7KOHM, J, 1/10W	
R3527	ERJ66EYJ472	M 4.7KOHM, J, 1/10W	

Ref. No.	Part No.	Part Name & Description	Remarks
R3529	ERJ66EYJ472	M 4.7KOHM, J, 1/10W	
R3530	ERJ66EYJ472	M 4.7KOHM, J, 1/10W	
R3531	ERJ66EY0R00	M 00HM, J, 1/10W	
R3532	ERJ66EYJ823	M 82KOHM, J, 1/10W	
R3533	ERJ66EY0R00	M 00HM, J, 1/10W	
R3534	ERJ66EYJ561	M 560OHM, J, 1/10W	
R3535	ERJ66EYJ561	M 560OHM, J, 1/10W	
R3536	ERJ66EYJ561	M 560OHM, J, 1/10W	
R3538	ERJ66EYJ103	M 10KOHM, J, 1/10W	
R3539	ERJ66EYJ101	M 100OHM, J, 1/10W	
R3540	ERJ66EYJ101	M 100OHM, J, 1/10W	
R3541	ERJ66EYJ332	M 3.3KOHM, J, 1/10W	
R3542	ERJ66EY0R00	M 00HM, J, 1/10W	
R3543	ERJ66EYJ472	M 4.7KOHM, J, 1/10W	
R3545	ERJ66EYJ101	M 100OHM, J, 1/10W	
R3546	ERJ66EYJ101	M 100OHM, J, 1/10W	
R3559	ERJ86EYJ102	M 1KOHM, J, 1/8W	
R3560	ERJ66EYJ561	M 560OHM, J, 1/10W	
R3561	ERJ66EYJ392	M 3.9KOHM, J, 1/10W	
R3562	ERJ66EYJ122	M 1.2KOHM, J, 1/10W	
R3566	ERJ66EYJ562	M 5.6KOHM, J, 1/10W	
R3567	ERJ66EYJ472	M 4.7KOHM, J, 1/10W	
R3568	ERJ66EYJ822	M 8.2KOHM, J, 1/10W	
R3569	ERJ66EYJ153	M 15KOHM, J, 1/10W	
R3570	ERJ66EYJ223	M 22KOHM, J, 1/10W	
R3571	ERJ66EYJ101	M 100OHM, J, 1/10W	
R3572	ERJ66EYJ101	M 100OHM, J, 1/10W	
R3573	ERJ86EYJ331	M 330OHM, J, 1/8W	
R3574	ERJ86EYJ331	M 330OHM, J, 1/8W	
R3575	ERJ66EYJ103	M 10KOHM, J, 1/10W	
R3576	ERJ66EYJ273	M 27KOHM, J, 1/10W	
R3577	ERJ66EYJ472	M 4.7KOHM, J, 1/10W	
R3578	ERJ66EYJ103	M 10KOHM, J, 1/10W	
R3579	ERJ66EYJ103	M 10KOHM, J, 1/10W	
R3580	ERJ66EYJ101	M 100OHM, J, 1/10W	
R3581	ERJ66EYJ273	M 27KOHM, J, 1/10W	
R3583	ERJ66EYJ472	M 4.7KOHM, J, 1/10W	
R3584	ERJ66EYJ473	M 47KOHM, J, 1/10W	
R3585	ERJ66EYJ473	M 47KOHM, J, 1/10W	
R3586	ERJ66EYJ472	M 4.7KOHM, J, 1/10W	
R3587	ERJ66EYJ472	M 4.7KOHM, J, 1/10W	
R3592	ERJ66EYJ472	M 4.7KOHM, J, 1/10W	
R3593	ERJ66EYJ472	M 4.7KOHM, J, 1/10W	
R3594	ERJ66EYJ102	M 1KOHM, J, 1/10W	
R3595	ERJ66EYJ102	M 1KOHM, J, 1/10W	
R4803	ERX12S2R7E	M 2.70HM, J, 1/2W	
R4804	ERJ66EYJ272	M 2.7KOHM, J, 1/10W	
R4805	ERJ6ENF1331	M 1.33KOHM, 1/10W	
R4806	ERJ6ENF3320	M 3320HM, 1/10W	
R4807	ERJ6ENF1001	M 1KOHM, 1/10W	
R4808	ERJ6ENF3832	M 38.3KOHM, 1/10W	
C180	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C204	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C354	ECCF1H330JC	C 33PF, J, 50V	
C355	ECCF1H330JC	C 33PF, J, 50V	
C356	ECCF1H330JC	C 33PF, J, 50V	
C358	ECCF1H101J	C 100PF, J, 50V	
C359	ECQM4104KZ	P 0.1UF, K, 400V	
C368	ECQV1H224JM	P 0.22UF, J, 50V	
C370	ECKW3D102KBR	C 1000PF, K, 2KV	
C371	ECEA1CN100U	E 10UF, 16V	
C373	ECA2EM100B	E 10UF, 250V	
C377	ECA1CM101B	E 100UF, 16V	
C401	ECA1CM100B	E 10UF, 16V	
C402	ECSF1VE474V	T 0.47UF, 35V	
C403	ECJ2VC1H222J	C 2200PF, J, 50V	
C404	ECJ2VC1H102J	C 1000PF, J, 50V	
C420	ECJ2VC1H102J	C 1000PF, J, 50V	
C421	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C471	L6SL4B121J	C 120PF, J, 500V	
C472	ECQB1104JF	P 0.1UF, J, 100V	
C473	ECQB1H563JF	P 0.056UF, J, 50V	
C474	F4Y5P4B221K	C 220PF, K, 50V	
C475	ECA1VM221B	E 220UF, 35V	

Ref. No.	Part No.	Part Name & Description	Remarks
C476	ECA1HM010B	E 1UF, 50V	
C477	ECA1VM332E	E 3300UF, 35V	
C478	ECQB1104JF	P 0.1UF, J, 100V	
C479	ECQB1224JF	P 0.22UF, J, 100V	
C501	ECJ2VF1H104Z	C 0.1UF, Z, 50V	
C509	ECA1HM0R1B	E 0.1UF, 50V	
C512	ECEA2CNR47S	E 0.47UF, 160V	
C513	ECA2EM220B	E 22UF, 250V	
C514	ECKR2H331KB5	C 330PF, K, 500V	
C515	ECKR2H471KB5	C 470PF, K, 500V	
C516	ECA1VM332E	E 3300UF, 35V	
C518	ECQB1H183JF	P 0.018UF, J, 50V	
C519	ECQB1H122JF	P 1200PF, J, 50V	
C520	ECQM4562JZ	P 5600PF, J, 400V	
C530	ECA1HM100B	E 10UF, 50V	
C531	ECKR2H271KB5	C 270PF, K, 500V	
C533	ECA1VM470B	E 47UF, 35V	
C534	ECQV1H104JM	P 0.1UF, J, 50V	
C535	ECA160V33UE	E 33UF, 160V	
C543	L7Y5P4B222K	C 2200PF, K, 500V	
C544	L7Y5P4B222K	C 2200PF, K, 500V	
C551	ECKW3D122KBR	C 1200PF, K, 2KV	
C553	ECQP1183JZ	P 0.018UF, J, 100V	
C554	ECWH16302JVB	P 3000PF, J, 1.6KV	
C558	ECWH16122JVB	P 1200PF, J, 1.6KV	
C559	ECQM4333JZ	P 0.033UF, 400V	
C560	ECWH16123JVB	P 0.012UF, J, 1.6KV	
C561	ECQM4822JZ	P 8200PF, J, 400V	
C570	ECJ2VB1H391K	C 390PF, K, 50V	
C571	ECJ2VB1C104K	C 0.1UF, K, 16V	
C572	ECJ2VB1H563K	C 0.056UF, K, 50V	
C573	ECJ2VB1H563K	C 0.056UF, K, 50V	
C580	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C581	ECA1CM471B	E 470UF, 16V	
C583	ECJ2VC1H120J	C 12PF, J, 50V	
C585	ECA1HM4R7B	E 4.7UF, 50V	
C586	ECA1HM470B	E 47UF, 50V	
C613	ECA1CHG101	E 100UF, 16V	
C614	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C625	ECJ2VF1H104Z	C 0.1UF, Z, 50V	
C626	ECJ2VF1H104Z	C 0.1UF, Z, 50V	
C627	ECJ2VF1H104Z	C 0.1UF, Z, 50V	
C630	ECJ2VC1H090C	C 9PF, C, 50V	
C637	ECA1HM010B	E 1UF, 50V	
C866	ECA1CHG222	E 2200UF, 16V	
C879	ECA1AM470B	E 47UF, 10V	
C884	ECA1CM101B	E 100UF, 16V	
C886	ECA1CM101B	E 100UF, 16V	
C887	ECA1CM101B	E 100UF, 16V	
C888	ECA1CM101B	E 100UF, 16V	
C904	ECKF1H103ZF	C 0.01UF, Z, 50V	
C952	ECA1HHG100	E 10UF, 50V	
C953	ECKF1H103ZF	C 0.01UF, Z, 50V	
C958	ECA2CM470B	E 47UF, 160V	
C959	ECKW2H103ZF7	C 0.01UF, Z, 500V	
C960	ECCR2H151J	C 150PF, J, 500V	
C961	ECA2AM100B	E 10UF, 100V	
C962	ECKW2H103ZF7	C 0.01UF, Z, 500V	
C963	ECCF1H151J	C 150PF, J, 50V	
C964	ECA1CHG101	E 100UF, 16V	
C966	ECA1CHG101	E 100UF, 16V	
C967	ECA1CM221B	E 220UF, 16V	
C971	ECKF1H103ZF	C 0.01UF, Z, 50V	
C1051	ECUX1H101JCX	C 100PF, J, 50V	
C1052	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C1053	ECA1CM221B	E 220UF, 16V	
C1111	ECA1HM4R7B	E 4.7UF, 50V	
C1112	ECA1HM4R7B	E 4.7UF, 50V	
C1120	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C1121	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C1122	ECJ2VC1H471J	C 470PF, J, 50V	
C1123	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C1140	ECA1CM471B	E 470UF, 16V	
C1141	ECJ2VF1H103Z	C 0.01UF, Z, 50V	

Ref. No.	Part No.	Part Name & Description	Remarks
C1145	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C1146	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C1147	ECA1CM220B	E 220UF, 16V	
C1148	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C1150	ECUX1H151JCX	C 150PF, J, 50V	
C1151	ECUX1H151JCX	C 150PF, J, 50V	
C1152	ECUX1H151JCX	C 150PF, J, 50V	
C1153	ECUX1H330JCX	C 33PF, J, 50V	
C1160	ECJ2VC1H181J	C 180PF, J, 50V	
C1161	ECJ2VC1H221J	C 220PF, J, 50V	
C1162	ECUX1H330JCX	C 33PF, J, 50V	
C1170	ECUX1H101JCX	C 100PF, J, 50V	
C1171	ECUX1H101JCX	C 100PF, J, 50V	
C1172	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C1173	ECA1HM100B	E 10UF, 50V	
C1180	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C1191	ECJ1VF1H103Z	C 0.01UF, Z, 50V	
C2001	ECJ2VF1C104Z	C 0.1UF, Z, 16V	
C2002	ECA1HM101B	E 100UF, 50V	
C2003	ECJ2VF1C104Z	C 0.1UF, Z, 16V	
C2004	ECJ2VF1C104Z	C 0.1UF, Z, 16V	
C2005	ECJ2VF1C104Z	C 0.1UF, Z, 16V	
C2006	ECJ2VF1C104Z	C 0.1UF, Z, 16V	
C2007	ECJ2VB1H332K	C 3300PF, K, 50V	
C2008	ECJ2VB1H332K	C 3300PF, K, 50V	
C2101	ECA1CM101B	E 100UF, 16V	
C2102	ECJ2VF1C104Z	C 0.1UF, Z, 16V	
C2110	ECJ2VC1H102J	C 1000PF, J, 50V	
C2111	ECJ2VC1H102J	C 1000PF, J, 50V	
C2113	ECA1HM100B	E 10UF, 50V	
C2115	ECA1HM100B	E 10UF, 50V	
C2120	ECA1HM3R3B	E 3.3UF, 50V	
C2121	ECJ2VF1C105Z	C 1UF, Z, 16V	
C2124	ECA1HM100B	E 10UF, 50V	
C2125	ECJ2VF1C105Z	C 1UF, Z, 16V	
C2127	ECJ2VF1C104Z	C 0.1UF, Z, 16V	
C2128	ECA1CM101B	E 100UF, 16V	
C3552	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C3553	ECEA1AKA221	E 220UF, 10V	
C3554	ECUX1H100FCN	C 10PF, F, 50V	
C3555	ECEA1CN330U	E 33UF, 16V	
C3556	ECUX1H100FCN	C 10PF, F, 50V	
C3558	ECJ2VC1H680J	C 68PF, J, 50V	
C3559	ECUX1H470JRX	C 47PF, J, 50V	
C3561	ECEA1HKA010	E 1UF, 50V	
C3565	ECUX1H330JCX	C 33PF, J, 50V	
C3566	ECJ2VC1H470J	C 47PF, J, 50V	
C3567	ECJ2VC1H470J	C 47PF, J, 50V	
C3568	ECJ2VC1H470J	C 47PF, J, 50V	
C3569	ECA1CM221B	E 220UF, 16V	
C3570	ECEA0JKA331	E 330UF, 6.3V	
C3571	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C3572	ECUX1H121JX	C 120PF, J, 50V	
C3575	ECEA1CKA101	E 100UF, 16V	
C3576	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C3577	ECEA1CKA101	E 100UF, 16V	
C3578	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C3580	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C3585	ECUX1H330JCX	C 33PF, J, 50V	
C3587	ECJ2VF1H104Z	C 0.1UF, Z, 50V	
C3589	ECJ2VC1H181J	C 180PF, J, 50V	
C4801	ECA1HM4R7B	E 4.7UF, 50V	
C4803	ECQV1H334JM	P 0.33UF, J, 50V	
C4804	ECQV1H334JM	P 0.33UF, J, 50V	
C4805	ECA1VM470B	E 47UF, 35V	
C4806	ECA1HM4R7B	E 4.7UF, 50V	
C4808	ECA1HM330B	E 33UF, 50V	
C4809	ECQV1H334JM	P 0.33UF, J, 50V	
C4810	ECA1VM470B	E 47UF, 35V	
C4811	ECJ2VB1H103K	C 0.01UF, K, 50V	
C4812	ECA1HM100B	E 10UF, 50V	
C4813	ECA1CM101B	E 100UF, 16V	
C4814	ECA1CM101B	E 100UF, 16V	
C4822	ECHU1C103JA5	P 0.01UF, J, 16V	

Ref. No.	Part No.	Part Name & Description	Remarks
C4823	ECEA1CN100U	E 10UF, 16V	
C4824	ECEA1CN100U	E 10UF, 16V	
C4825	EEUFC1C560B	E 56UF, 16V	
C4826	ECA1HM4R7B	E 4.7UF, 50V	
C4827	ECA1HM4R7B	E 4.7UF, 50V	
C4828	ECQV1H334JM	P 0.33UF, J, 50V	
	COILS		
L101	EXCELD35V	CORE	
L111	TLTACTR56K	PEAKING COIL	
L140	TALV35VB8R2K	PEAKING COIL	
L150	TALV35VB8R2K	PEAKING COIL	
L160	TLX120KD01	PEAKING COIL	
L161	EQV7EL521Q	COIL	
L180	TALV35VB6R8K	PEAKING COIL	
L181	TALV35VB8R2K	PEAKING COIL	
L182	TALV35VB6R8K	PEAKING COIL	
L183	TALV35VB5R6K	PEAKING COIL	
L352	EXCELSA24T	BEAD CORE	
L501	EXCELSA35T	BEAD CORE	
L511	EXCELSA39V	BEAD CORE	
L512	EXCELSA39V	BEAD CORE	
L515	EXCELSA35T	BEAD CORE	
L551	EXCELD35V	CORE	
L552	EXCELSA39V	BEAD CORE	
L553	EXCELD35V	CORE	
L640	TLTACT470J	PEAKING COIL	
L665	TLTACT100K	PEAKING COIL 10U	
L701	ELEIN682KA	PEAKING COIL	
L702	ELC18B801L	CHOKE COIL	
L703	ELC18B801L	CHOKE COIL	
D360	ERA22-04	DIODE	
D361	ERA22-04	DIODE	
D362	ERA22-04	DIODE	
D363	MA165	DIODE	
D365	MTZJ10C	ZENER DIODE	
D375	MA165	DIODE	
D466	MTZJ39E	ZENER DIODE	
D467	ERA15-01	DIODE	
D468	MTZJ39E	ZENER DIODE	
D469	MTZJ39E	ZENER DIODE	
D470	MA29W-B	DIODE	
D471	MA29W-B	DIODE	
D511	MA152KTX	DIODE	
D512	MA182	DIODE	
D513	AU02	DIODE	
D515	TVSEU2	DIODE	
D517	MTZJ12B	ZENER DIODE	
D530	MA4104J	DIODE	
D531	MA171	DIODE	
D551	MA4100H	DIODE	
D552	RH3FLFS1	DIODE	
D553	RU3ANLFA10	DIODE	
D580	MTZJ10C	ZENER DIODE	
D582	MA4082H	DIODE	
D583	MA29W-A	DIODE	
D584	MA29W-A	DIODE	
D613	MA3068MTX	DIODE	
D614	MA3068MTX	DIODE	
D615	MA3068MTX	DIODE	
D620	MA152KTX	DIODE	
D621	MA152KTX	DIODE	
D645	MTZJ5.6B	ZENER DIODE	
D701	AU02	DIODE	
D702	MA29W-B	DIODE	
D703	MA29W-B	DIODE	
D750	MA165	DIODE	
D751	MA4104J	DIODE	
D752	MA165	DIODE	
D801	ERZV10D621CS	VARISTOR	▲
D803	D4SB80	DIODE	
D804	D4DDD1200001	POSISTOR	▲
D805	D4DDD1200001	POSISTOR	▲
D810	MTZJ6.2C	ZENER DIODE	
D815	ERA15-04	DIODE	

Ref. No.	Part No.	Part Name & Description	Remarks
D816	ERA15-01	DIODE	
D817	ERA15-01	DIODE	
D818	MA2240-B	DIODE	
D819	AM01A	DIODE	
D820	MA2082-A	DIODE	
D821	MA2082-A	DIODE	
D822	AK04	DIODE	
D823	ERA15-01	DIODE	
D824	MA167	DIODE	
D831	MA2560	DIODE	
D850	FMG62CSLF665	DIODE	
D851	FMLG12S	DIODE	
D853	FMLG12S	DIODE	
D854	FMLG12S	DIODE	
D855	AU02A	DIODE	
D856	D1NL20UV70	DIODE	
D857	MCR22-6RLRP	THYRISTOR	
D860	TLP721FD4GR	PHOTO COUPLER	▲
D861	MTZJ20D	ZENER DIODE	
D862	MTZJ6.2C	ZENER DIODE	
D865	D1NL20UV70	DIODE	
D866	MTZJ20A	ZENER DIODE	
D870	MTZJ5.6C	ZENER DIODE	
Q502	2SC2412KT	TRANSISTOR	
Q541	2SC4212H	TRANSISTOR	
Q551	2SD2553	TRANSISTOR	
Q570	2SC2412KT	TRANSISTOR	
Q585	2SA1037AKT	TRANSISTOR	
Q640	2SC2412KT	TRANSISTOR	
Q650	2SC2412KT	TRANSISTOR	
Q660	2SC2412KT	TRANSISTOR	
Q701	2SK2538000	TRANSISTOR	
Q702	2SC945AQR-T	TRANSISTOR	
Q750	2SA1018Q	TRANSISTOR	
Q801	2SK1006RF122	TRANSISTOR	
Q860	2SC2412KT	TRANSISTOR	
Q862	2SC1815	TRANSISTOR	
Q863	2SC2412KT	TRANSISTOR	
Q864	2SC2412KT	TRANSISTOR	
Q880	2SC2412KT	TRANSISTOR	
Q881	2SC2412KT	TRANSISTOR	
Q952	2SC945AQR-T	TRANSISTOR	
Q953	2SC1318	TRANSISTOR	
Q954	2SB1030A	TRANSISTOR	
Q955	2SB1569A	TRANSISTOR	
Q956	2SD2400A	TRANSISTOR	
Q957	2SA564AQR	TRANSISTOR	
Q958	2SC945AQR-T	TRANSISTOR	
Q962	2SC945AQR-T	TRANSISTOR	
Q1051	2SC2412KT	TRANSISTOR	
Q1161	2SC2412KT	TRANSISTOR	
Q1201	2SC2412KT	TRANSISTOR	
Q1202	2SC2412KT	TRANSISTOR	
Q2110	2SA1037AKT	TRANSISTOR	
Q2111	2SA1037AKT	TRANSISTOR	
Q2330	2SA1037AKT	TRANSISTOR	
Q2801	2SC2412KT	TRANSISTOR	
Q3041	2SC2412KT	TRANSISTOR	
Q3050	2SC2412KT	TRANSISTOR	
Q3060	2SC2412KT	TRANSISTOR	
Q3061	2SC2412KT	TRANSISTOR	
Q3074	2SC2412KT	TRANSISTOR	
Q3075	2SC2412KT	TRANSISTOR	
Q3503	2SC2412KT	TRANSISTOR	
Q3504	2SC2412KT	TRANSISTOR	
Q3505	2SC2412KT	TRANSISTOR	
Q3506	2SC2412KT	TRANSISTOR	
Q3513	2SC2412KT	TRANSISTOR	
Q3514	2SB709ATX	TRANSISTOR	
Q3515	2SC2412KT	TRANSISTOR	
Q3516	2SB709ATX	TRANSISTOR	
Q3522	2SB709ATX	TRANSISTOR	
Q3566	2SC2412KT	TRANSISTOR	
Q3570	2SC2412KT	TRANSISTOR	

Ref. No.	Part No.	Part Name & Description	Remarks
Q3571	2SC2412KT	TRANSISTOR	
Q4802	2SC2412KT	TRANSISTOR	
	OTHERS		
A7	TJS3A9890	9P CONNECTOR	
A8	TJS5A9420	8P CONNECTOR	
A9	TJS5A9420	8P CONNECTOR	
A11	TJSF17335	CONNECTOR	
A16	TJS3A9660	CONNECTOR	
A17	TJS3A9660	CONNECTOR	
A18	TJS3A9640	3P CONNECTOR	
A19	TJS3A9640	3P CONNECTOR	
A20	TJS4G8020	16P CONNECTOR	
A22	TJS4G8020	16P CONNECTOR	
A23	TJS3A9650	4P CONNECTOR	
A24	TJS3A9660	CONNECTOR	
A41	TJS3A9680	7P CONNECTOR	
X102	K9351M	SAW FILTER	▲
X180	EFCS4R5MW5	CERAMIC FILTER	
X181	EFCS5M7MW3	CERAMIC FILTER	
X182	EFCS6R0MW5	CERAMIC FILTER	
X183	EFCS6R5MW5	CERAMIC FILTER	
X630	TSS816TN1	CRYSTAL OSC	
X1130	EF0EC1205B4	CERAMIC RESONATOR	
X2130	TSSA128	CRYSTAL OSCILLATOR	
X3506	TSSA010	CRYSTAL OSCILLATOR	
R185	ERJ6GEYJ221	M 220OHM, J, 1/10W	
R186	ERJ6GEYJ683	M 68KOHM, J, 1/10W	
R187	ERJ6GEYJ822	M 8.2KOHM, J, 1/10W	
R189	ERJ6GEYJ103	M 10KOHM, J, 1/10W	
R204	ERJ6GEY0R00	M 0OHM, J, 1/10W	
R351	TR0S2THF1001	M 1KOHM, F, 1/4W	
R352	TR0S2THF1001	M 1KOHM, F, 1/4W	
R353	TR0S2THF1001	M 1KOHM, F, 1/4W	
R354	TR0S2THF1501	M 1.5KOHM, F, 1/4W	
R355	TR0S2THF1501	M 1.5KOHM, F, 1/4W	
R356	TR0S2THF1501	M 1.5KOHM, F, 1/4W	
R357	TR0S2THF1001	M 1KOHM, F, 1/4W	
R358	ERG12DJ124	M 120KOHM, J, 1/2W	
R359	ERG12DJ124	M 120KOHM, J, 1/2W	
R360	ERG12DJ124	M 120KOHM, J, 1/2W	
R361	ER0S2CHF8451	RESISTOR	
R362	ER0S2CKF1541	M1.54KOHM, F, 1/4W	
R363	ERC12GK222	S 2.2KOHM, K, 1/2W	
R364	ERC12GK222	S 2.2KOHM, K, 1/2W	
R365	ERC12GK222	S 2.2KOHM, K, 1/2W	
R367	ERDS1TJ104	C 100KOHM, J, 1/2W	
R368	ERDS2TJ123	C 12KOHM, J, 1/4W	
R369	ERDS2TJ103	C 10KOHM, J, 1/4W	
R371	TR0S2THF1001	M 1KOHM, F, 1/4W	
R372	TR0S2THF1001	M 1KOHM, F, 1/4W	
R374	ERQ12AJ181P	F 180OHM, J, 1/2W	
R403	ERJ6ENF5601	M 5.6KOHM, 1/10W	
R404	ERJ6GEYJ102	M 1KOHM, J, 1/10W	
R405	ERJ6GEYJ102	M 1KOHM, J, 1/10W	
R420	ERJ6GEYJ223	M 22KOHM, J, 1/10W	
R421	ERJ6GEYJ683	M 68KOHM, J, 1/10W	
R422	ERJ6ENF1503	M 150KOHM, 1/10W	
R423	ERJ6GEYJ122	M 1.2KOHM, J, 1/10W	
R424	ERJ6GEYJ682	M 6.8KOHM, J, 1/10W	
R466	ERJ6GEYJ125	M 1.2MOHM, J, 1/10W	
R470	ERDS1FJ1R0	C 10HM, J, 1/2W	
R471	ERJ6GEYJ684	M 680KOHM, J, 1/10W	
R472	ERJ6GEYJ513	M 51KOHM, J, 1/10W	
R473	ERJ6GEYJ154	M 150KOHM, J, 1/10W	
R474	ERJ6GEYJ753	M 75KOHM, J, 1/10W	
R475	ERDS1FJ1R8	C 1.8OHM, J, 1/2W	
R476	ERDS1FJ1R8	C 1.8OHM, J, 1/2W	
R477	ERG2ANJP121H	M 120OHM, J, 2W	
R478	ERDS2TJ101	C 100OHM, J, 1/4W	
R479	ERG1SJ471E	M 470OHM, J, 1W	
R501	ERDS2TJ102	C 1KOHM, J, 1/4W	
R502	ERJ6GEYJ473	M 47KOHM, J, 1/10W	
R503	ERJ6GEYJ473	M 47KOHM, J, 1/10W	
R506	ERJ6GEYJ102	M 1KOHM, J, 1/10W	

Ref. No.	Part No.	Part Name & Description	Remarks
R507	ERJ6GEYJ104	M 100KOHM, J, 1/10W	
R508	ERJ6GEYJ104	M 100KOHM, J, 1/10W	
R509	ERJ6GEYJ474	M 470KOHM, J, 1/10W	
R510	ERJ6GEYJ824	M 820KOHM, J, 1/10W	
R511	ER050CKF7322	M73.2KOHM, F, 1/2W	
R512	ERDS2TJ223	C 22KOHM, J, 1/4W	
R513	ERQ14AJ2R0E	F 2.0OHM, J, 1/4W	
R514	ERDS1TJ394	C 390KOHM, J, 1/2W	
R515	ERQ1RJW1R0E	F 10HM, J, 1W	
R517	ERD25VJ472	C 4.7KOHM, J, 1/4W	
R518	ERJ6GEYJ103	M 10KOHM, J, 1/10W	
R520	ERG1SJ333E	M 33KOHM, J, 1W	
R530	ERQ14AJ100E	F 100HM, J, 1/4W	
R531	ER0S2CKF1102	M 11KOHM, F, 1/4W	
R532	ER0S2CKF1052	M10.5KOHM, F, 1/4W	
R533	TR0S2THF1002	M 10KOHM, F, 1/4W	
R540	ERDS2TJ331	C 330OHM, J, 1/4W	
R815	ERG2SJS151H	M 150OHM, J, 2W	
R816	ERG2SJS100E	M 100HM, J, 2W	
R817	ERDS1TJ100	C 100HM, J, 1/2W	
R818	ERG5FJ153	M 15KOHM, J, 5W	
R820	ERX12SJR22E	M 0.22OHM, J, 1/2W	
R821	ERX12SJR27E	M 0.27OHM, J, 1/2W	
R822	ERDS1TJ681	C 680OHM, J, 1/2W	
R823	ERDS2TJ332	C 3.3KOHM, J, 1/4W	
R824	ERDS2TJ152	C 1.5KOHM, J, 1/4W	
R830	ERDS2TJ332	C 3.3KOHM, J, 1/4W	
R831	ERDS2TJ102	C 1KOHM, J, 1/4W	
R840	ERD75TAJ825	C 8.2MOHM, J, 3/4W	
R850	ERG3FJ473H	M 47KOHM, J, 3W	
R851	ERQ2CKR33	F 0.33OHM, K, 2W	
R853	ERQ1CKR33	F 0.33OHM, K, 1W	
R854	ERQ1CKR33	F 0.33OHM, K, 1W	
R858	ERX3ANJ4R7	M 4.7OHM, J, 3W	
R859	ERX3ANJ4R7	M 4.7OHM, J, 3W	
R861	ERDS1TJ271	C 270OHM, J, 1/2W	
R862	ERJ6ENF4701	M 4.7KOHM, 1/10W	
R864	ERG3ANJ153	M 15KOHM, J, 3W	
R865	ERDS1TJ102	C 1KOHM, J, 1/2W	
R867	ERJ6GEYJ103	M 10KOHM, J, 1/10W	
R868	ERJ6GEYJ103	M 10KOHM, J, 1/10W	
R869	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	
R870	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	
R871	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	
R882	ERJ6GEYJ223	M 22KOHM, J, 1/10W	
R883	ERJ6GEYJ122	M 1.2KOHM, J, 1/10W	
R884	ERJ6GEYJ103	M 10KOHM, J, 1/10W	
R885	ERJ6GEYJ473	M 47KOHM, J, 1/10W	
R886	ERJ6GEYJ223	M 22KOHM, J, 1/10W	
R952	ERDS2TJ223	C 22KOHM, J, 1/4W	
R953	ERDS2TJ332	C 3.3KOHM, J, 1/4W	
R954	ERDS2TJ331	C 330OHM, J, 1/4W	
R956	ERDS2TJ510	C 510HM, J, 1/4W	
R958	ERDS2TJ391	C 390OHM, J, 1/4W	
R960	ERQ14AJ100E	F 100HM, J, 1/4W	
R961	ERQ1CJP331S	F 330OHM, J, 1W	
R962	ERDS2TJ330	C 330HM, J, 1/4W	
R963	ERDS2TJ330	C 330HM, J, 1/4W	
R964	ERQ14AJ471E	F 470OHM, J, 1/4W	
R965	ERDS2TJ223	C 22KOHM, J, 1/4W	
R966	ERDS1FVJ471T	C 470OHM, J, 1/2W	
R967	ERDS2TJ223	C 22KOHM, J, 1/4W	
R968	ERDS2TJ471	C 470OHM, J, 1/4W	
R969	ERDS2TJ390	C 390HM, J, 1/4W	
R970	ERDS2TJ2R7	C 2.7OHM, J, 1/4W	
R971	ERDS2TJ2R7	C 2.7OHM, J, 1/4W	
R972	ERDS2TJ390	C 390HM, J, 1/4W	
R973	ERDS2TJ101	C 100OHM, J, 1/4W	
R975	ERDS2TJ101	C 100OHM, J, 1/4W	
R976	ERDS2TJ101	C 100OHM, J, 1/4W	
R977	ERDS2TJ561	C 560OHM, J, 1/4W	
R978	ERDS2TJ101	C 100OHM, J, 1/4W	
R987	ERDS2TJ471	C 470OHM, J, 1/4W	
R988	ERDS2TJ331	C 330OHM, J, 1/4W	

Ref. No.	Part No.	Part Name & Description	Remarks
R992	ERDS2TJ561	C 560OHM, J, 1/4W	
R1051	ERJ66EYJ102	M 1KOHM, J, 1/10W	
R1053	ERJ66EYJ470	M 470HM, J, 1/10W	
R1054	ERDS2TJ561	C 560OHM, J, 1/4W	
R1055	ERJ66EYJ102	M 1KOHM, J, 1/10W	
R1056	ERJ66EYJ102	M 1KOHM, J, 1/10W	
R1101	ERJ66EYJ562	M 5.6KOHM, J, 1/10W	
R1102	ERJ66EYJ332	M 3.3KOHM, J, 1/10W	
R1103	ERJ66EYJ123	M 12KOHM, J, 1/10W	
R1105	ERJ66EYJ102	M 1KOHM, J, 1/10W	
R2813	ERDS2TJ8R2	C 8.20HM, J, 1/4W	
R2814	ERJ66EYJ472	M 4.7KOHM, J, 1/10W	
R2815	ERJ66EYJ752	M 7.5KOHM, J, 1/10W	
R2830	ERJ66EYJ471	M 470OHM, J, 1/10W	
R2831	ERJ66EYJ471	M 470OHM, J, 1/10W	
R3002	ERJ36EYJ331	M 330OHM, J, 1/16W	
R3003	ERJ36EYJ101	M 100OHM, J, 1/16W	
R3004	ERJ36EYJ101	M 100OHM, J, 1/16W	
R3005	ERJ36EYJ750	M 75OHM, J, 1/16W	
R3006	ERJ36EYJ184	M 180KOHM, J, 1/16W	
R3007	ERJ36EYJ184	M 180KOHM, J, 1/16W	
R3008	ERJ36EYJ750	M 75OHM, J, 1/16W	
R3009	ERJ36EYJ184	M 180KOHM, J, 1/16W	
R3010	ERJ36EYJ184	M 180KOHM, J, 1/16W	
R3011	ERJ36EYJ331	M 330OHM, J, 1/16W	
R3012	ERJ36EYJ331	M 330OHM, J, 1/16W	
R3013	ERJ36EYJ331	M 330OHM, J, 1/16W	
R3014	ERJ36EYJ331	M 330OHM, J, 1/16W	
R3015	ERJ36EYJ750	M 75OHM, J, 1/16W	
R3016	ERJ36EYJ331	M 330OHM, J, 1/16W	
R3017	ERJ36EYJ331	M 330OHM, J, 1/16W	
R3019	ERJ36EYJ104	M 100KOHM, J, 1/16W	
R3020	ERJ36EYJ104	M 100KOHM, J, 1/16W	
R3022	ERJ36EYJ102	M 1KOHM, J, 1/16W	
R3023	ERJ36EYJ102	M 1KOHM, J, 1/16W	
R3030	ERJ36EYJ221	M 220OHM, J, 1/16W	
R3031	ERJ36EYJ221	M 220OHM, J, 1/16W	
R3034	ERJ36EYJ750	M 75OHM, J, 1/16W	
R3035	ERJ36EYJ750	M 75OHM, J, 1/16W	
R3036	ERJ36EYJ103	M 10KOHM, J, 1/16W	
R3041	ERJ36EYJ750	M 75OHM, J, 1/16W	
R3048	ERJ36EYJ471	M 470OHM, J, 1/16W	
R3049	ERJ36EYJ471	M 470OHM, J, 1/16W	
R3050	ERJ36EYJ221	M 220OHM, J, 1/16W	
R3057	ERJ36EYJ822	M 8.2KOHM, J, 1/16W	
R3058	ERJ36EYJ104	M 100KOHM, J, 1/16W	
R3062	ERJ36EYJ221	M 220OHM, J, 1/16W	
R3063	ERJ36EYJ223	M 22KOHM, J, 1/16W	
R3064	ERJ36EYJ223	M 22KOHM, J, 1/16W	
R3065	ERJ36EYJ222	M 2.2KOHM, J, 1/16W	
R3066	ERJ36EYJ101	M 100OHM, J, 1/16W	
R3067	ERJ36EY0R00	M 0OHM, J, 1/16W	
R3069	ERD25FJ101	C 100OHM, J, 1/4W	
R3070	ERJ36EYJ750	M 75OHM, J, 1/16W	
R3071	ERJ36EYJ750	M 75OHM, J, 1/16W	
R3072	ERJ36EYJ153	M 15KOHM, J, 1/16W	
R3073	ERJ36EYJ153	M 15KOHM, J, 1/16W	
R3074	ERJ36EYJ153	M 15KOHM, J, 1/16W	
R3075	ERJ36EYJ153	M 15KOHM, J, 1/16W	
R3076	ERJ36EYJ750	M 75OHM, J, 1/16W	
R3078	ERJ66EYJ681	M 680OHM, J, 1/10W	
R3082	ERJ36EYJ102	M 1KOHM, J, 1/16W	
R3083	ERJ36EYJ102	M 1KOHM, J, 1/16W	
R3084	ERJ36EYJ102	M 1KOHM, J, 1/16W	
R3086	ERJ36EYJ102	M 1KOHM, J, 1/16W	
R3087	ERJ36EYJ102	M 1KOHM, J, 1/16W	
R3089	ERJ66EYJ681	M 680OHM, J, 1/10W	
R3092	ERJ36EYJ331	M 330OHM, J, 1/16W	
R3101	ERJ66EYJ750	M 75OHM, 1/10W	
R3102	ERJ66EYJ750	M 75OHM, 1/10W	
R3106	ERJ66EYJ102	M 1KOHM, J, 1/10W	
R3107	ERJ66EYJ104	M 100KOHM, J, 1/10W	
R3108	ERJ66EYJ102	M 1KOHM, J, 1/10W	
R3109	ERJ66EYJ104	M 100KOHM, J, 1/10W	

Ref. No.	Part No.	Part Name & Description	Remarks
R3505	ERJ86EYJ102	M 1KOHM, J, 1/8W	
R3506	ERJ66EYJ562	M 5.6KOHM, J, 1/10W	
R3507	ERJ86EYJ102	M 1KOHM, J, 1/8W	
R4809	ERJ6ENF9091	M 9.09OHM, 1/10W	
R4810	ERJ6ENF2213	M 221KOHM, 1/10W	
R4811	ERJ6ENF6651	M6.65KOHM, 1/10W	
R4812	ER0S2CKF5621	M5.62KOHM, F, 1/4W	
R4815	ERDS1FJ180	C 180HM, J, 1/2W	
R4816	ERDS1FJ390	C 390HM, J, 1/2W	
R4818	ERX12SJ2R7E	M 2.70HM, J, 1/2W	
R4819	ERJ66EYJ272	M 2.7KOHM, J, 1/10W	
R4820	ERJ6ENF1331	M1.33KOHM, 1/10W	
R4821	ERJ6ENF3320	M 3320HM, 1/10W	
R4822	ERJ6ENF1001	M 1KOHM, 1/10W	
R4823	ERJ66EYJ472	M 4.7KOHM, J, 1/10W	
R4824	ERJ6ENF5621	M5.62KOHM, 1/10W	
R4825	ERJ6ENF3832	M38.3KOHM, 1/10W	
R4826	ERJ6ENF2213	M 221KOHM, 1/10W	
R4827	ERJ6ENF9091	M 9.09OHM, 1/10W	
R4828	ERJ6ENF6651	M6.65KOHM, 1/10W	
R4829	ERJ66EYJ102	M 1KOHM, J, 1/10W	
R4831	ERDS1FJ220	C 220HM, J, 1/2W	
R4837	ERJ66EYJ102	M 1KOHM, J, 1/10W	
R4840	ERJ66EYJ102	M 1KOHM, J, 1/10W	
R4841	ERJ66EYJ102	M 1KOHM, J, 1/10W	
R4842	ERJ66EYJ101	M 100OHM, J, 1/10W	
R4843	ERJ66EYJ471	M 470OHM, J, 1/10W	
R4844	ERJ66EYJ561	M 560OHM, J, 1/10W	
R4850	ERJ66EYJ104	M 100KOHM, J, 1/10W	
R4851	ERJ66EYJ104	M 100KOHM, J, 1/10W	
R4852	ERJ66EYJ104	M 100KOHM, J, 1/10W	
R4853	ERJ66EYJ104	M 100KOHM, J, 1/10W	
R4854	ERJ66EYJ101	M 100OHM, J, 1/10W	
R4855	ERJ66EYJ101	M 100OHM, J, 1/10W	
R4856	ERJ66EYJ102	M 1KOHM, J, 1/10W	
R4857	ERJ66EYJ102	M 1KOHM, J, 1/10W	
R4860	ERJ66EYJ822	M 8.2KOHM, J, 1/10W	
R4861	EVMEGSA00B23	VARIABLE RESISTOR	
R4862	ERJ66EYJ822	M 8.2KOHM, J, 1/10W	
R4863	EVMEGSA00B23	VARIABLE RESISTOR	
		CAPACITORS	
C101	ECEA1CKA220	E 22UF, 16V	
C103	ECQV1H224JM	P 0.22UF, J, 50V	
C110	ECJ2VF1H104Z	C 0.1UF, Z, 50V	
C111	ECA1AM471B	E 470UF, 10V	
C112	ECEA1HKA010	E 1UF, 50V	
C113	ECJ2VB1H103J	C 0.01UF, 50V	
C114	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C115	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C116	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C126	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C128	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C140	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C141	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C142	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C144	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C150	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C151	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C160	ECA1CM101B	E 100UF, 16V	
C161	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C162	ECA1CM220B	E 220UF, 16V	
C163	ECA1HM2R2B	E 2.2UF, 50V	
C164	ECJ2VC1H222J	C 2200PF, J, 50V	
C165	ECA1HMR22B	E 0.22UF, 50V	
C166	ECA1HM010B	E 1UF, 50V	
C167	ECJ2VB1H822K	C 8200PF, K, 50V	
C169	ECA1HM4R7B	E 4.7UF, 50V	
C170	ECJ2VF1H104Z	C 0.1UF, Z, 50V	
C171	ECA1CM221B	E 220UF, 16V	
C172	ECA1AM471B	E 470UF, 10V	
C638	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C639	ECA1CM100B	E 10UF, 16V	
C640	ECEA1HN010U	E 1UF, 50V	
C641	ECUX1H151JCX	C 150PF, J, 50V	

Ref. No.	Part No.	Part Name & Description	Remarks
C645	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C646	ECJ2VF1H104Z	C 0.1UF, Z, 50V	
C647	ECJ2VF1H104Z	C 0.1UF, Z, 50V	
C648	ECA1HMR47B	E 0.47UF, 50V	
C649	ECJ2VC1H102J	C 1000PF, J, 50V	
C650	ECJ2VB1H103K	C 0.01UF, K, 50V	
C651	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C653	ECEA1HKN010	E 1UF, 50V	
C661	ECEA1HKNR22	E 0.22UF, 50V	
C662	ECQV1H105JM	P 1UF, J, 50V	
C663	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C664	ECA1CM471B	E 470UF, 16V	
C665	ECJ2FB1C394K	C 0.39UF, K, 16V	
C701	ECQV1H684JM	P 0.68UF, J, 50V	
C702	ECQE1685KN	P 6.8UF, K, 100V	
C703	ECWF2364JBB	P 0.36UF, J, 250V	
C704	ECWF2394JBB	P 0.39UF, J, 250V	
C705	ECWF2684JBB	P 0.68UF, J, 250V	
C708	ECQE2824KF	P 0.82UF, K, 250V	
C709	ECQM4822JZ	P 8200PF, J, 400V	
C710	ECKR2H101KB5	C 100PF, K, 500V	
C711	ECQB1H392JF	P 3900PF, J, 50V	
C712	ECQB1H272JF	P 2700PF, J, 50V	
C713	ECQB1H333JF	P 0.033UF, J, 50V	
C714	F5Y5P4B222K	C 2200PF, K, 50V	
C715	ECA1VM470B	E 47UF, 35V	
C716	ECKR1H181KB5	C 180PF, K, 50V	
C750	ECA1HM100B	E 10UF, 50V	
C751	ECQB1H393JF	P 0.039UF, J, 50V	
C752	ECA1HM100B	E 10UF, 50V	
C753	ECKR1H101KB5	C 100PF, K, 50V	
C801	ECQU2A224BN9	P 0.22UF, 250V	
C802	ECQU2A224BN9	P 0.22UF, 250V	
C806	ECKWAE472ZED	C 4700PF, Z, 500V	▲
C807	ECKWAE472ZED	C 4700PF, Z, 500V	▲
C808	ECKWAE472ZED	C 4700PF, Z, 500V	▲
C809	ECKWAE472ZED	C 4700PF, Z, 500V	▲
C810	TACFL2G561MA	C 560UF, M, 400V	▲
C811	ECKR3D222KBP	C 2200PF, K, 2KV	
C814	ECQE2A473JF	P 0.047UF, J, 250V	
C815	EEUMG2C100B	E 10UF, 160V	
C816	EEUFC1H330B	E 33UF, 50V	
C820	ECKW3D102KBP	C 1000PF, K, 2KV	
C821	ECKW3D561KBP	C 560PF, K, 2KV	
C825	ECKR1H471KB5	C 470PF, K, 50V	
C826	ECQB1H121JF	P 120PF, J, 50V	
C840	ECKCNA101MB7	C 100PF, M,	
C841	ECKCNA152ME7	C 1500PF, M,	
C842	ECKCNA152ME7	C 1500PF, M,	
C844	ECKCNA222ME7	C 2200PF, M,	
C845	ECKCNA222ME7	C 2200PF, M,	
C846	ECKCNA222ME7	C 2200PF, M,	
C850	ECKR3D122KBP	C 1200PF, K, 2KV	
C851	ECKR2H221KB5	C 220PF, K, 500V	
C853	ECKR2H331KB5	C 330PF, K, 500V	
C854	ECKR3D101KBP	C 100PF, K, 2KV	
C855	EC0S2CA271BB	E 270UF, 160V	
C856	EEUFC1V471B	E 470UF, 35V	
C858	ECA1EM102B	E 1000UF, 25V	
C859	ECKR2H331KB5	C 330PF, K, 500V	
C860	ECUX1H104KBX	C 0.1UF, K, 50V	
C862	ECA1EM102B	E 1000UF, 25V	
C865	ECQB1H104JF	P 0.1UF, 50V	
C2131	ECJ2VF1C104Z	C 0.1UF, Z, 16V	
C2133	ECJ2VC1H070D	C 7PF, D, 50V	
C2134	ECJ2VC1H470J	C 47PF, J, 50V	
C2135	ECJ2VC1H560J	C 56PF, J, 50V	
C2136	ECJ2VC1H560J	C 56PF, J, 50V	
C2138	ECJ2VC1H470J	C 47PF, J, 50V	
C2139	ECJ2VC1H010C	C 1PF, C, 50V	
C2140	ECJ2VC1H010C	C 1PF, C, 50V	
C2330	ECA1CM101B	E 100UF, 16V	
C2801	ECA1HM010B	E 1UF, 50V	
C2802	ECJ2VF1H224Z	C 0.22UF, Z, 50V	

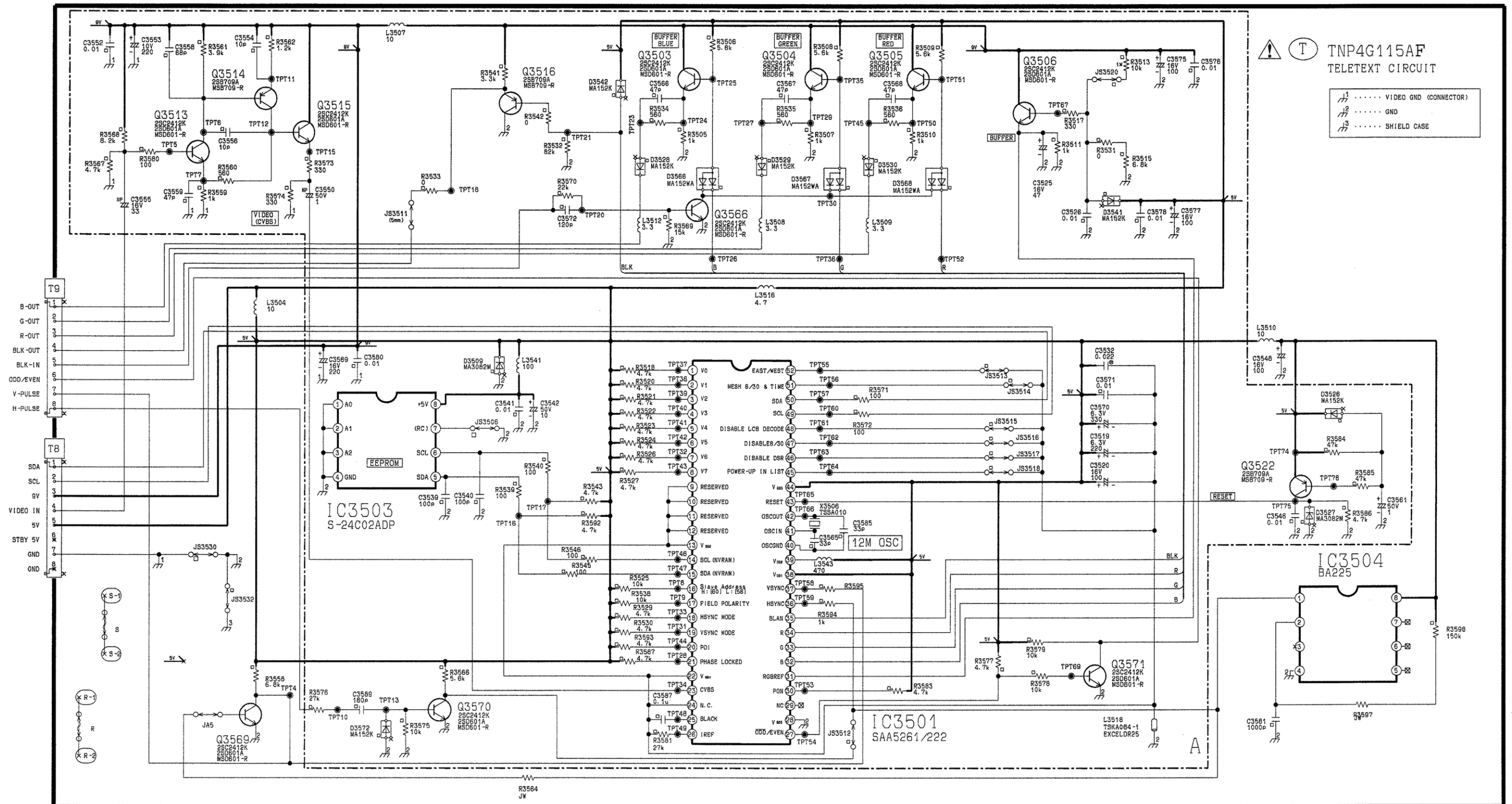
Ref. No.	Part No.	Part Name & Description	Remarks
C2803	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C2804	ECJ2VB1C104K	C 0.1UF, K, 16V	
C2806	ECEA1HN3R3U	E 3.3UF, 50V	
C2807	ECEA1HN3R3U	E 3.3UF, 50V	
C2808	ECJ2VC1H102J	C 1000PF, J, 50V	
C2810	ECJ2VF1H104Z	C 0.1UF, Z, 50V	
C2811	ECA1HM010B	E 1UF, 50V	
C2812	ECJ2VF1H224Z	C 0.22UF, Z, 50V	
C2818	ECJ2VC1H102J	C 1000PF, J, 50V	
C2831	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C3001	ECA1CM101B	E 100UF, 16V	
C3005	ECA1HMR47B	E 0.47UF, 50V	
C3006	ECA1HM100B	E 10UF, 50V	
C3007	ECA1HM100B	E 10UF, 50V	
C3008	ECA1HMR47B	E 0.47UF, 50V	
C3011	ECJ1VF1H103Z	C 0.01UF, Z, 50V	
C3012	ECEA1HKAR47	E 0.47UF, 50V	
C3014	ECA1HMR47B	E 0.47UF, 50V	
C3015	ECA1HM010B	E 1UF, 50V	
C3016	ECA1CM471B	E 470UF, 16V	
C3017	ECJ1VF1H103Z	C 0.01UF, Z, 50V	
C3018	ECA1HMR47B	E 0.47UF, 50V	
C3020	ECA1HM100B	E 10UF, 50V	
C3021	ECA1HM100B	E 10UF, 50V	
C3022	ECA1HM100B	E 10UF, 50V	
C3023	ECA1HMR47B	E 0.47UF, 50V	
C3024	ECA1HM010B	E 1UF, 50V	
C3030	ECJ1VF1H104Z	C 0.1UF, Z, 50V	
C3031	ECA1CM470B	E 47UF, 16V	
C3048	ECEA1CKN100	E 10UF, 16V	
C3053	ECJ1VB1C104K	C 0.1UF, K, 16V	
C3061	ECA1CM470B	E 47UF, 16V	
C3074	ECA1VM470B	E 47UF, 35V	
C3075	ECA1VM470B	E 47UF, 35V	
C3080	ECJ1VB1H682K	C 6800PF, K, 50V	
C3081	ECJ1VB1H682K	C 6800PF, K, 50V	
C3082	ECJ1VB1H682K	C 6800PF, K, 50V	
C3083	ECJ1VB1H682K	C 6800PF, K, 50V	
C3084	ECJ1VB0J824K	C 0.82UF, K, 6.3V	
C3085	ECEA1HKN010	E 1UF, 50V	
C3094	ECJ1VC1H102J	C 1000PF, J, 50V	
C3095	ECJ1VC1H102J	C 1000PF, J, 50V	
C3103	ECJ2VB1H332K	C 3300PF, K, 50V	
C3104	ECJ2VB1H332K	C 3300PF, K, 50V	
C3519	ECEA0JKA221	E 220UF, 6.3V	
C3520	ECEA1CKA101	E 100UF, 16V	
C3525	ECA1CM470B	E 47UF, 16V	
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	ECA1HM100B	E 10UF, 50V	
C3546	ECJ2VF1H103Z	C 0.01UF, Z, 50V	
C3548	ECEA1CKA101	E 100UF, 16V	
C3550	ECEA1HKN010	E 1UF, 50V	
L704	ELEIN682KA	PEAKING COIL	
L705	TLH15696T	LINEARITY COIL	
L706	EXCELSA35T	BEAD CORE	
L707	ELC18B472L	CHOKE COIL	
L801	TLP4GD005	LINE FILTER	▲
L802	TLP4GD005	LINE FILTER	▲
L809	EXCELDLR35V	CORE	
L810	EXCELDLR35V	CORE	
L811	EXCELSA35B	BEAD CORE	
L815	EXCELSA39E	BEAD CHOKE	
L816	EXCELDLR25V	CORE	
L817	EXCELDLR25V	CORE	
L820	EXCELSA39E	BEAD CHOKE	
L821	EXCELDLR35V	CORE	
L822	EXCELSA39V	BEAD CORE	
L850	EXCELSA35B	BEAD CORE	
L851	EXCELSA35B	BEAD CORE	
L852	EXCELDLR35V	CORE	

Ref. No.	Part No.	Part Name & Description	Remarks
L855	EXCELSA35T	BEAD CORE	
L864	TALL08T470KA	INDUCTION COIL	
L880	T8RHB-H820K	COIL	
L951	EXCELSA24T	BEAD CORE	
L953	EXCELSA24T	BEAD CORE	
L954	EXCELSA24T	BEAD CORE	
L955	EXCELSA24T	BEAD CORE	
L1120	EXCELSA35T	BEAD CORE	
L1130	EXCELSA35T	BEAD CORE	
L1131	TSKA064-1	BEAD CORE	
L1145	TLUABTA100	PEAKING COIL	
L1160	TLUABTA4R7	PEAKING COIL	
L2130	EXCELSA35T	BEAD CORE	
L2131	EXCELSA35T	BEAD CORE	
L2132	TALV35VB180K	PEAKING COIL	
L2830	EXCELSA35T	BEAD CORE	
L2831	EXCELSA35T	BEAD CORE	
L3104	TSK1032	BEAD CORE	
L3105	TSK1032	BEAD CORE	
L3504	TLTACT100K	PEAKING COIL 10U	
L3507	TLTACT100K	PEAKING COIL 10U	
L3508	TLX033KD01	PEAKING COIL	
L3509	TLX033KD01	PEAKING COIL	
L3510	TLTACT100K	PEAKING COIL 10U	
L3512	TLX033KD01	PEAKING COIL	
L3516	TLTACT4R7K	PEAKING COIL	
L3518	TSKA064-1	BEAD CORE	
L3541	TLX101KD01	PEAKING COIL 100U	
L3543	TLT471K993R	PEAKING COIL	
L4802	EXCELD35V	CORE	
L4803	TLTACT100J	PEAKING COIL	
L4804	TALL08T102JA	INDUCTION COIL	
L4810	EXCELD35V	CORE	
L5513	TLTACT180J	PEAKING COIL	
LC4801	MIU-212	GEOMAGNETIC SENSOR	
	TRANSFORMERS		
T501	ZTFN35001A	FLYBACK TRANS	▲
T551	ETH19Y70AY	H DRIVE TRANS	▲
T801	ETS35AAS5FNC	SWITCHING TRANS	▲
	DIODES		
D110	MTZJ16A	ZENER DIODE	
D111	MTZJ16A	ZENER DIODE	
D120	MA858	DIODE	
D170	MTZJ5.6B	ZENER DIODE	
D354	MA165	DIODE	
D355	MA165	DIODE	
D356	MA165	DIODE	
D357	MTZJ15B	ZENER DIODE	
D359	MTZJ15B	ZENER DIODE	
D880	MTZJ6.8B	ZENER DIODE	
D1051	LNH201RGRF5	LED	
D1141	MTZJ5.6A	ZENER DIODE	
D1145	MTZJ5.6A	ZENER DIODE	
D1150	MA165	DIODE	
D1151	MA165	DIODE	
D1152	MA165	DIODE	
D1160	MA152KTX	DIODE	
D1170	MTZJ5.6A	ZENER DIODE	
D1171	MTZJ5.6A	ZENER DIODE	
D1201	MA165	DIODE	
D2330	MA4047M	DIODE	
D2331	MA152KTX	DIODE	
D2332	MA152KTX	DIODE	
D2333	MA152KTX	DIODE	
D3509	MA3082MTX	DIODE	
D3526	MA152KTX	DIODE	
D3527	MA3082MTX	DIODE	
D3528	MA152KTX	DIODE	
D3529	MA152KTX	DIODE	
D3530	MA152KTX	DIODE	
D3541	MA152KTX	DIODE	
D3542	MA152KTX	DIODE	
D3566	MA152WATX	DIODE	
D3567	MA152WATX	DIODE	

Ref. No.	Part No.	Part Name & Description	Remarks
D3568	MA152WATX	DIODE	
D3572	MA152KTX	DIODE	
D4801	MA3056MTX	DIODE	
	INTEDGRATED CIRCUITS		
IC351	TDA6103Q-N3	LINEAR IC	
IC420	BA225	IC	
IC451	LA7833S	LINEAR IC	
IC601	TB1251CN	IC	
IC701	NJM4565L	LINEAR IC	
IC801	STRF6656LF53	LINEAR IC	▲
IC860	SE140N	LINEAR IC	
IC881	AN7812LB	LINEAR IC	
IC882	AN7809	LINEAR IC	
IC884	PQ05RD1B	LINEAR IC	
IC885	AN78L05	LINEAR IC	
IC1051	GP1U252Q	REMOCON RECEIVER	
IC1101	MN1873287TD	MOS IC	
IC1102	TVR4GAS095	IC (EEPROM)	
IC1103	S-80741AL-Z	LINEAR IC	
IC2101	MSP3410GQAB8	IC	
IC2801	TDA2616/N1	IC	
IC3001	M52791FP	LINEAR IC	
IC3501	SAAS261/222	MOS IC (LOGIC)	
IC3503	S-24C02ADP	IC	
IC4801	PUB4301	TRANSISTOR ARRAY	
IC4802	AN6564NS	LINEAR IC	
IC4803	PUB4301	TRANSISTOR ARRAY	
IC4804	AN6564	LINEAR IC	
IC4805	TC4066BFN	IC	
IC4861	AN6562	LINEAR IC	
	TRANSISTORS		
Q115	2SC2480TX	TRANSISTOR	
Q116	2SC2412KT	TRANSISTOR	
Q140	2SC2480TX	TRANSISTOR	
Q141	2SC2412KT	TRANSISTOR	
Q160	2SC2412KT	TRANSISTOR	
Q180	2SC2412KT	TRANSISTOR	
Q181	2SC2412KT	TRANSISTOR	
Q182	2SC2412KT	TRANSISTOR	
Q369	2SA564AQR	TRANSISTOR	
Q420	2SC2412KT	TRANSISTOR	
Q501	2SA1037AKT	TRANSISTOR	
A50	TJSF29204	CONNECTOR	
F801	XBA2C40TR0	FUSE 250V 4A	▲
GM1	TJS3A9890	9P CONNECTOR	
GM2	TJS3A9660	CONNECTOR	
H11	TJSF17435	35P CONNECTOR	
JA1	ERJ3GEY0R00	M 00HM, J, 1/16W	
JA1	ERJ6GEY0R00	M 00HM, J, 1/10W	
JA2	ERJ3GEY0R00	M 00HM, J, 1/16W	
JA2	ERJ6GEY0R00	M 00HM, J, 1/10W	
JA3	ERJ6GEY0R00	M 00HM, J, 1/10W	
JA4	ERJ6GEY0R00	M 00HM, J, 1/10W	
JA6	ERJ6GEY0R00	M 00HM, J, 1/10W	
JA7	ERJ6GEY0R00	M 00HM, J, 1/10W	
JA8	ERJ6GEY0R00	M 00HM, J, 1/10W	
JA9	ERJ6GEY0R00	M 00HM, J, 1/10W	
JA10	ERJ6GEY0R00	M 00HM, J, 1/10W	
JA11	ERJ6GEY0R00	M 00HM, J, 1/10W	
JK1	TJB4G647	FRONT AV TERMINAL	
JK351	TJSC01200	CRT SOCKET	▲
JK3001	TJB4G644	REAR AV TERMINAL	
JS466	ERJ6GEY0R00	M 00HM, J, 1/10W	
JS580	ERJ6GEY0R00	M 00HM, J, 1/10W	
JS861	ERJ6GEY0R00	M 00HM, J, 1/10W	
JS873	ERJ6GEY0R00	M 00HM, J, 1/10W	
JS881	ERJ6GEY0R00	M 00HM, J, 1/10W	
JS1104	ERJ6GEY0R00	M 00HM, J, 1/10W	
JS1165	ERJ6GEY0R00	M 00HM, J, 1/10W	
JS2150	ERJ6GEY0R00	M 00HM, J, 1/10W	
JS2301	EXCELSA35T	BEAD CORE	
JS3093	ERJ3GEY0R00	M 00HM, J, 1/16W	
JS3094	ERJ3GEY0R00	M 00HM, J, 1/16W	

Ref. No.	Part No.	Part Name & Description	Remarks
JS3095	ERJ3GEY0R00	M 00HM,J,1/16W	
JS3096	ERJ3GEY0R00	M 00HM,J,1/16W	
JS3097	ERJ3GEY0R00	M 00HM,J,1/16W	
JS3098	ERJ3GEY0R00	M 00HM,J,1/16W	
JS3506	ERJ6GEY0R00	M 00HM,J,1/10W	
JS3512	ERJ6GEY0R00	M 00HM,J,1/10W	
JS3513	ERJ6GEY0R00	M 00HM,J,1/10W	
JS3514	ERJ6GEY0R00	M 00HM,J,1/10W	
JS3515	ERJ6GEY0R00	M 00HM,J,1/10W	
JS3516	ERJ6GEY0R00	M 00HM,J,1/10W	
JS3517	ERJ6GEY0R00	M 00HM,J,1/10W	
JS3518	ERJ6GEY0R00	M 00HM,J,1/10W	
JS3520	ERJ6GEY0R00	M 00HM,J,1/10W	
JS3530	ERJ6GEY0R00	M 00HM,J,1/10W	
JS3532	ERJ6GEY0R00	M 00HM,J,1/10W	
JS3534	ERJ6GEY0R00	M 00HM,J,1/10W	
JS3553	ERJ6GEY0R00	M 00HM,J,1/10W	
L1	TJS3A9680	7P CONNECTOR	
L2	TJS118590	2P CONNECTOR	
L3	TJS3A9680	7P CONNECTOR	
RT1	TJS3A9640	3P CONNECTOR	
RT2	TJS3A9640	3P CONNECTOR	
S801	ESB92DA1B	SWITCH	▲
S1180	EVQ11G05R	SWITCH	
S1181	EVQ11G05R	SWITCH	
S1182	EVQ11G05R	SWITCH	
S1183	EVQ11G05R	SWITCH	
S1184	EVQ11G05R	SWITCH	
S1185	EVQ11G05R	SWITCH	
T8	TJS3A9140	CONNECTOR	
T9	TJS3A9140	CONNECTOR	
TNR001	ENV59D82G3R	TUNER	▲
X20	TJS4G8010	16P CONNECTOR	
X22	TJS4G8010	16P CONNECTOR	
X23	TJS3A9680	7P CONNECTOR	
X101	K7256M	SAW FILTER	

8.6. Teletext Circuit (TNP4G115AF)



8.5. Pincushion Circuit (TNP4G108BB)

