

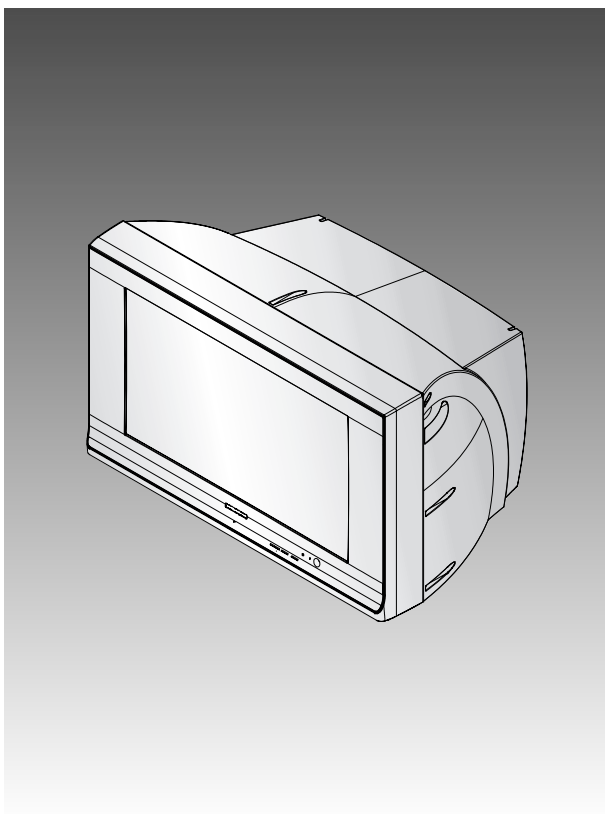
SAMSUNG

COLOR TELEVISION RECEIVER

Chassis : K55A
Model : TXN3075WHFXXAA
TXN3271HFX/XAA

SERVICE Manual

COLOR TELEVISION RECEIVER



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1. Precautions

Follow these safety, servicing and ESD precautions to prevent damage and protect against potential hazards such as electrical shock and X-rays.

1-1 Safety Precautions

1. Be sure that all of the built-in protective devices are replaced. Restore any missing protective shields.
2. When reinstalling the chassis and its assemblies, be sure to restore all protective devices, including: nonmetallic control knobs and compartment covers.

3. Make sure that there are no cabinet openings through which people—particularly children—might insert fingers and contact dangerous voltages. Such openings include the spacing between the picture tube and the cabinet mask, excessively wide cabinet ventilation slots, and improperly fitted back covers.

If the measured resistance is less than 1.0 megohm or greater than 5.2 megohms, an abnormality exists that must be corrected before the unit is returned to the customer.

4. Leakage Current Hot Check (Figure 1-1):
Warning: Do not use an isolation transformer during this test. Use a leakage-current tester or a metering system that complies with American National Standards Institute (ANIS C101.1, Leakage Current for Appliances), and Underwriters Laboratories (UL Publication UL1410, 59.7).
5. With the unit completely reassembled, plug the AC line cord directly into the power outlet. With the unit's AC switch first in the ON position and then OFF, measure the current between a known earth ground (metal water pipe, conduit, etc.) and all exposed metal parts, including: antennas, handle brackets, metal cabinets, screwheads and control shafts. The current measured should not exceed 0.5 milliamp. Reverse the power-plug prongs in the AC outlet and repeat the test.

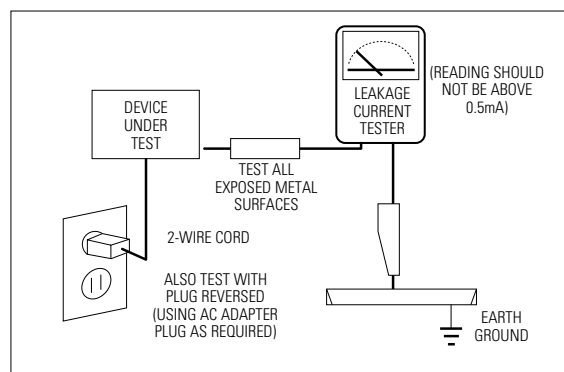


Fig. 1-1 AC Leakage Test

6. Antenna Cold Check:
With the unit's AC plug disconnected from the AC source, connect an electrical jumper across the two AC prongs. Connect one lead of the ohmmeter to an AC prong. Connect the other lead to the coaxial connector.
7. X-ray Limits:
The picture tube is especially designed to prohibit X-ray emissions. To ensure continued X-ray protection, replace the picture tube only with one that is the same type as the original. Carefully reinstall the picture tube shields and mounting hardware; these also provide X-ray protection.
8. High Voltage Limits:
High voltage must be measured each time servicing is done on the B+, horizontal deflection or high voltage circuits. Correct operation of the X-ray protection circuits must be reconfirmed whenever they are serviced.
(X-ray protection circuits also may be called "horizontal disable" or "hold-down".)

Heed the high voltage limits. These include the X-ray Protection Specifications Label, and the Product Safety and X-ray Warning Note on the service data schematic.

1-1 Safety Precautions (Continued)

9. High voltage is maintained within specified limits by close-tolerance, safety-related components and adjustments. If the high voltage exceeds the specified limits, check each of the special components.
10. Design Alteration Warning:
Never alter or add to the mechanical or electrical design of this unit. Example: Do not add auxiliary audio or video connectors. Such alterations might create a safety hazard. Also, any design changes or additions will void the manufacturer's warranty.
11. Hot Chassis Warning:
Some TV receiver chassis are electrically connected directly to one conductor of the AC power cord. If an isolation transformer is not used, these units may be safely serviced only if the AC power plug is inserted so that the chassis is connected to the ground side of the AC source.

To confirm that the AC power plug is inserted correctly, do the following: Using an AC voltmeter, measure the voltage between the chassis and a known earth ground. If the reading is greater than 1.0V, remove the AC power plug, reverse its polarity and reinsert. Re-measure the voltage between the chassis and ground.
12. Some TV chassis are designed to operate with 85 volts AC between chassis and ground, regardless of the AC plug polarity. These units can be safely serviced only if an isolation transformer inserted between the receiver and the power source.
13. Some TV chassis have a secondary ground system in addition to the main chassis ground. This secondary ground system is not isolated from the AC power line. The two ground systems are electrically separated by insulating material that must not be defeated or altered.
14. Components, parts and wiring that appear to have overheated or that are otherwise damaged should be replaced with parts that meet the original specifications. Always determine the cause of damage or overheating, and correct any potential hazards.
15. Observe the original lead dress, especially near the following areas: Antenna wiring, sharp edges, and especially the AC and high voltage power supplies. Always inspect for pinched, out-of-place, or frayed wiring. Do not change the spacing between components and the printed circuit board. Check the AC power cord for damage. Make sure that leads and components do not touch thermally hot parts.
16. Picture Tube Implosion Warning:
The picture tube in this receiver employs "integral implosion" protection. To ensure continued implosion protection, make sure that the replacement picture tube is the same as the original.
17. Do not remove, install or handle the picture tube without first putting on shatterproof goggles equipped with side shields. Never handle the picture tube by its neck. Some "in-line" picture tubes are equipped with a permanently attached deflection yoke; do not try to remove such "permanently attached" yokes from the picture tube.
18. Product Safety Notice:
Some electrical and mechanical parts have special safety-related characteristics which might not be obvious from visual inspection. These safety features and the protection they give might be lost if the replacement component differs from the original—even if the replacement is rated for higher voltage, wattage, etc.

Components that are critical for safety are indicated in the circuit diagram by shading, () or (). Use replacement components that have the same ratings, especially for flame resistance and dielectric strength specifications. A replacement part that does not have the same safety characteristics as the original might create shock, fire or other hazards.

1-2 Servicing Precautions

Warning1: First read the "Safety Precautions" section of this manual. If some unforeseen circumstance creates a conflict between the servicing and safety precautions, always follow the safety precautions.

Warning2: An electrolytic capacitor installed with the wrong polarity might explode.

1. Servicing precautions are printed on the cabinet. Follow them.
2. Always unplug the unit's AC power cord from the AC power source before attempting to:
(a) Remove or reinstall any component or assembly, (b) Disconnect an electrical plug or connector, (c) Connect a test component in parallel with an electrolytic capacitor.
3. Some components are raised above the printed circuit board for safety. An insulation tube or tape is sometimes used. The internal wiring is sometimes clamped to prevent contact with thermally hot components. Reinstall all such elements to their original position.
4. After servicing, always check that the screws, components and wiring have been correctly reinstalled. Make sure that the portion around the serviced part has not been damaged.
5. Check the insulation between the blades of the AC plug and accessible conductive parts (examples: metal panels, input terminals and earphone jacks).
6. Insulation Checking Procedure: Disconnect the power cord from the AC source and turn the power switch ON. Connect an insulation resistance meter (500V) to the blades of the AC plug.

The insulation resistance between each blade of the AC plug and accessible conductive parts (see above) should be greater than 1 megohm.
7. Never defeat any of the B+ voltage interlocks. Do not apply AC power to the unit (or any of its assemblies) unless all solid-state heat sinks are correctly installed.
8. Always connect a test instrument's ground lead to the instrument chassis ground before connecting the positive lead; always remove the instrument's ground lead last.

1-3 Precautions for Electrostatically Sensitive Devices (ESDs)

1. Some semiconductor (“solid state”) devices are easily damaged by static electricity. Such components are called Electrostatically Sensitive Devices (ESDs); examples include integrated circuits and some field-effect transistors. The following techniques will reduce the occurrence of component damage caused by static electricity.
2. Immediately before handling any semiconductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging wrist-strap device. (Be sure to remove it prior to applying power—this is an electric shock precaution.)
3. After removing an ESD-equipped assembly, place it on a conductive surface such as aluminum foil to prevent accumulation of electrostatic charge.
4. Do not use freon-propelled chemicals. These can generate electrical charges that damage ESDs.
5. Use only a grounded-tip soldering iron when soldering or unsoldering ESDs.
6. Use only an anti-static solder removal device. Many solder removal devices are not rated as “anti-static”; these can accumulate sufficient electrical charge to damage ESDs.
7. Do not remove a replacement ESD from its protective package until you are ready to install it. Most replacement ESDs are packaged with leads that are electrically shorted together by conductive foam, aluminum foil or other conductive materials.
8. Immediately before removing the protective material from the leads of a replacement ESD, touch the protective material to the chassis or circuit assembly into which the device will be installed.
9. Minimize body motions when handling unpackaged replacement ESDs. Motions such as brushing clothes together, or lifting a foot from a carpeted floor can generate enough static electricity to damage an ESD.

CAUTION

These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

2. Reference Information

2-1 Tables of Abbreviations and Acronyms

Table 2-1 Abbreviations			
A	Ampere	MV	Megavolt
Ah	Ampere-hour	MW	Megawatt
Å	Angstrom	MΩ	Megohm
dB	Decibel	m	Meter
dBm	Decibel Referenced to One Milliwatt	μA	Microampere
°C	Degree Celsius	μF	Microfarad
°F	Degree Fahrenheit	μH	Microhenry
°K	degree Kelvin	μm	Micrometer
F	Farad	μs	Microsecond
G	Gauss	μW	Microwatt
GHz	Gigahertz	mA	Milliampere
g	Gram	mg	Milligram
H	Henry	mH	Millihenry
Hz	Hertz	ml	Milliliter
h	Hour	mm	Millimeter
ips	Inches Per Second	ms	Millisecond
kWh	Kilowatt-hour	mV	Millivolt
kg	Kilogram	nF	Nanofarad
kHz	Kilohertz	Ω	Ohm
kΩ	Kilohm	pF	Picofarad
km	Kilometer	lb	Pound
km/h	Kilometer Per Hour	rpm	Revolutions Per Minute
kV	Kilovolt	rps	Revolutions Per Second
kVA	Kilovolt-ampere	s	Second (Time)
kW	Kilowatt	V	Volt
l	Liter	VA	Volt-ampere
MHz	Megahertz	W	Watt
		Wh	Watt-hour

Table 2-2 Table of Acronyms

ABL	Automatic Brightness Limiter	I/O	Input/output
AC	Alternating Current	L	Left
ACC	Automatic Chroma Control	L	Low
AF	Audio Frequency	LED	Light Emitting Diode
AFC	Automatic Frequency Control	LF	Low Frequency
AFT	Automatic Fine Tuning	MOSFET	Metal-Oxide-Semiconductor-Field-Effect-Tr
AGC	Automatic Gain Control	MTS	Multi-channel Television Sound
AM	Amplitude Modulation	NAB	National Association of Broadcasters
ANSI	American National Standards Institute	NEC	National Electric Code
APC	Automatic Phase Control	NTSC	National Television Systems Committee
APC	Automatic Picture Control	OSD	On Screen Display
A/V	Audio-Video	PCB	Printed Circuit Board
AVC	Automatic Volume Control	PLL	Phase-Locked Loop
BAL	Balance	PWM	Pulse Width Modulation
BPF	Bandpass Filter	QIF	Quadrature Intermediate Frequency
B-Y	Blue-Y	R	Right
CATV	Community Antenna Television (Cable TV)	RC	Resistor & Capacitor
CB	Citizens Band	RF	Radio Frequency
CCD	Charge Coupled Device	R-Y	Red-Y
CCTV	Closed Circuit Television	SAP	Second Audio Program
Ch	Channel	SAW	Surface Acoustic Wave(Filter)
CRT	Cathode Ray Tube	SIF	Sound Intermediate Frequency
CW	Continuous Wave	SMPS	Switching Mode Power Supply
DC	Direct Current	S/N	Signal/Noise
DVM	Digital Volt Meter	SW	Switch
EIA	Electronics Industries Association	TP	Test Point
ESD	Electrostatic Discharge	TTL	Transistor Transistor Logic
ESD	Electrostatically Sensitive Device	TV	Television
FBP	Feedback Pulse	UHF	Ultra High Frequency
FBT	Flyback Transformer	UL	Underwriters Laboratories
FF	Flip-Flop	UV	Ultraviolet
FM	Frequency Modulation	VCD	Variable-Capacitance Diode
FS	Fail Safe	VCO	Voltage Controlled Oscillator
GND	Ground	VCXO	Voltage Controlled Crystal Oscillator
G-Y	Green-Y	VHF	Very High Frequency
H	High	VIF	Video Intermediate Frequency
HF	High-Frequency	VR	Variable Resistor
HI-FI	High Fidelity	VTR	Video Tape Recorder
IC	Inductance-Capacitance	VTVM	Vacuum Tube Voltmeter
IC	Integrated Circuit	TR	Transistor
IF	Intermediate Frequency		

2-2 IC Line Up

Block	Des-Loc	Part-Number	IC Name	Description
MAIN	IC901	AA09-00041A	SDA555X-OTP	IC-MCU
	HIC401	AA13-00094A	DDRI001A	IC HYBRID
	TU02S	AA40-00041A	TCPN3081PC09C(S)	TUNER-F/S
	IC06	1203-002000	DETECTOR;7027	IC-VOL
	IC805	1203-001006	78R05)	IC-VOLTAGE REGULATOR
	HC401	0502-001230	FJL6920YDTU)	TR-POWER
	D801S	0402-001399	GSIB660	DIODE-BREDGE
	HC801	1230-001006	78R05	IC-VOLTAGE REGULATOR
	IC602	1201-001385	7269A	IC-POWER AMP
	IC801S	1203-002512	KA5Q1565RF	IC-PWM CONTROLLER
	IC301	1204-000517	LA7845	IC-VERTICAL DEF
	IC902	1103-001177	24WC16	IC-EEPROM
	IC401	1202-000103	393, DIP, 8P	IC-VOLTAGE COMP
	IC803	1203-001225	78R09	IC-POSI.FIXED REG
	IC601	1204-001970	MSP3421G0P0-8	IC-SOUND PROCESSOR
	TU01S	AA40-00020A	TCLN3181PA09A(S)	TUNER-F/S
	IC402	1203-000243	7812A	IC-POSI.FIXED REG
	IC804	1203-001217	431	IC-POSI.ADJUST REG
	IC904	1203-001943	7025	IC-VOL DETECTOR
	IC202	1203-001944	78RM33	IC-POSI.FIXED REG
	Q402	0505-001116	BUZ73A	FET-SILICON
	IC903	1203-001944	78RM33	IC-POSI.FIXED REG
F-BOX	IC06	1203-002000	7027	IC-VOL DETECTOR
	IC11	0801-000662	74HC123	IC-CMOS LIGIC
	IC03	1001-001082	BA7657F	IC-VIDEO SWITCH
	IC10	1001-001177	TEA6425D	IC-VIDEO SWITCH
	IC08	1203-001419	4931	IC-VOLTAGE REGULATOR
	IC05	1203-002186	18, DPAK	IC-POSI.FIXED REG

Block	Des-Loc	Part-Number	IC Name	Description
F-BOX	IC07	1203-002351	LF25C	IC-VOLTAGE REGULATOR
	IC02	1204-001814	CXA2151Q	IC-SELECTOR
	IC09	1204-001935	UPD64083GF	IC-SEPARATOR
	IC01	1204-001938	VSP9407B-B11	IC-DECODER
	IC04	1204-001989	CXA2165Q	IC-VIDEO PROCESS
29"34" CRT	QF10	0502-000153	SC2344-D	TR-POWER
	QF09	0502-000131	2SA1011-D	TR-POWER;
	IC501	1201-001131	6111Q	IC-VIDEO AMP
	IC502	1201-001131	6111Q	IC-VIDEO AMP
	IC503	1201-001131	6111Q	IC-VIDEO AMP
	IC504	1201-000010	2030	IC-OP AMP
32" CRT	IC505	1203-000165	78R12	IC -POS1.ADJUST REG
	QF10	0502-000153	2SC2344-D	TR-POWER
	QF09	0502-000131	2SCA1011-D	TR-POWER
	IC501	1201-001588	6120Q	IC-VIDEO AMP
	IC502	1201-001588	6120Q	IC-VIDEO AMP
	IC503	1201-001588	6120Q	IC-VIDEO AMP
	IC504	1201-000010	2030	IC-OP AMP

3. Specifications

Broadcasting System	NTSC-M
Tuning System	Electronic Remote Control System
Receiving Channels	VHF (CH 2 ~ 13)
	UHF (CH 14 ~ 69)
	CATV (CH 1, 14 ~ 125)
ANTENNA INPUT RESISTANCE	VHF, UHF 75 unbalanced
Intermediate Frequency	Video: 45.75 MHz
	Sound: 41.25 MHz
	Chrominance Subcarrier: 42.17 MHz
Power Supply	AC 120V, 60Hz

MEMO

4. Alignment and Adjustments

4-1 Adjustments

4-1-1 General Alignment Instructions

Usually, a color TV needs only slight touch-up adjustment upon installation. Check the basic characteristics such as vertical size, horizontal size, and focus. Observe the picture and check for good black and white details. There must be no objectionable color shading: If color shading is present, demagnetize the receiver. If color shading persists, re-do purity and convergence adjustments.

Note :

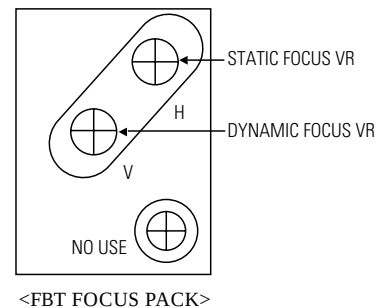
1. This '4. Alignment and Adjustments' applies to KS4A chassis applications.
2. AC Power Supply: 220 V only
3. This service manual has been written on the basis of domestic remote-control model adopting KS4A chassis. Depending on sales location and product specifications, some of specifications herein may be changed.

4-1-2 Focus Adjustment

KS4A contains a dynamic focus circuit. When CRT PCB, FBT or CRT is replaced, be sure to adjust in the following sequence:

Dynamic Focus Adjustment

1. Input a crosshatch pattern.
2. Select "Standard" from the menu,
3. Turn the Static Focus VR clockwise to set it to its maximum.
4. Turn the Dynamic Focus VR counterclockwise to set it to its maximum.
5. Turn the Static Focus VR counterclockwise slowly for the clearest center vertical line.



6. Turn the Dynamic Focus VR clockwise slowly for the clearest third line.



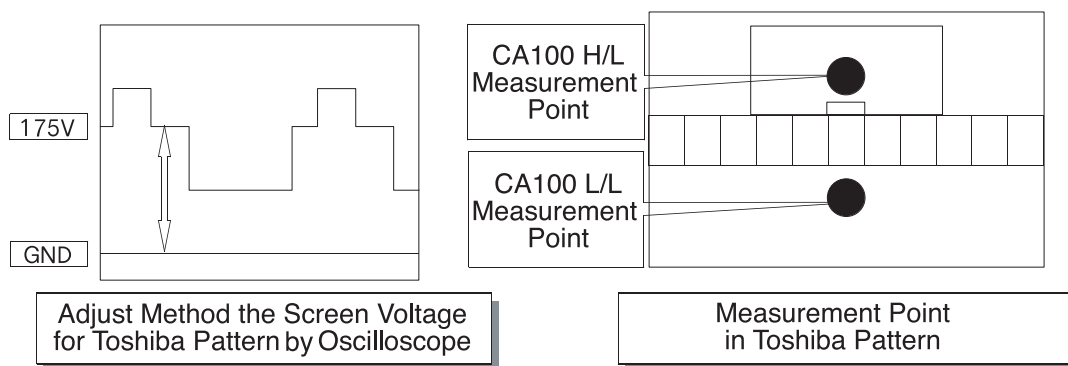
7. Check for the FOCUS of entire screen. If necessary, re-do adjustments 3~6.

4-1-3 Screen Voltage Adjustment

1. Enter the Service Mode by pressing the remote control keys in the following sequence
: Power Off → Mute → 1 → 8 → 2 Power On
2. Initialize all set data.
3. Input a Toshiba pattern.
4. Use an oscilloscope to identify RK, BK, GK. And then adjust FBT Screen VR so that the voltage of pedestal level doesn't exceed 175V.
If a Toshiba pattern is not available, cancel the blue screen and input "No Signal" to AV IN so the voltage of pedestal level doesn't exceed 188V.
If an oscilloscope is not available, use a DC multi-meter in No Signal (black screen) to adjust RK, BK, GK so that the highest voltage becomes 175Vp-p.

4-1-4 White Balance Adjustment

1. Warm up the TV set for at least 30 minutes.
2. Enter the Service Mode by pressing the remote control keys in the following sequence: Power Off -> Mute → 1 → 8 → 2 → Power On
3. Initialize all set data.
4. Input a Toshiba pattern.
5. Using a probe (CA100), do the White Balance adjustments.
 - a) Adjust Low-Light.
 - Adjust Sub Brightness to set Y.
 - Adjust B Cutoff to set y.
 - Adjust R Cutoff to set x.
 - b) Adjust High-Light.
 - Adjust Sub Contrast to set Y.
 - Adjust B Drive to set y.
 - Adjust R Drive to set x.
 - c) Check the value of Low-Light. If necessary, readjust Low-Light.
 - d) Check the value of High-Light. If necessary, readjust High-Light.¹⁵



4-1-5 When adjusting Screen Voltage and White Balance

1. Screen Voltage and White Balance are related each other. Make sure both adjustments are correct.
2. Adjust Screen Voltage before White Balance Adjustments. Make sure Screen Voltage is correct.
3. If White Balance has been readjusted, re-check Screen Voltage.
4. After adjustments are complete, check the following.
 - If spots appear on the screen after pressing the Power On / Off key, readjust Screen Voltage.
 - If flyback lines appear on the screen, readjust Screen Voltage.

4-2 MICOM PORT

PIN	FUNCTION	FIRST STATE	ASSIGNMENT												
1	W-PORT	HIGH	- RESET Control jack during E2PROM latch UP (Function: Low)SERIAL H												
2	ROM SDA	SERIAL H	- E2PROM only SDA LINE												
3	ROM SCL	SERIAL H	- E2PROM only SCL LINE												
4	BUS-STOP	HIGH	- Automation and after-sales service related BUS STOP (STOP: LOW)												
5	MAIN SDA	SERIAL H	- CXA2150Q / CXA2151Q /VSP940X / BA7657F / MSP34XX / TUNER Control jack												
6	MAIN SCL	SERIAL H	- CXA2150Q / CXA2151Q /VSP940X / BA7657F / MSP34XX / TUNER Control jack												
7	S-RESET	HIGH	- Reset when MSP34XX IC (SOUND PROCESS IC) has an error (Active: LOW)												
8	V-RESET	HIGH	- Reset when VSP940X IC (1-chip IC) has an error												
9	VDD 2.5V	HIGH													
10	GND		- Analog GND												
11	VDD 3.3V	HIGH													
12	CVBS IN	IV p-p	- TTX and USA Caption Input source Line (1V p-p)												
13	VDD 2.5V	HIGH													
14	GND														
15	AFT		- Main AFT Control jack (0 - 3.3V)												
16	SC1-ID		<table><tr><th rowspan="2"></th><th rowspan="2">TV MODE</th><th colspan="2">AV MODE</th></tr><tr><th>16 : 9 MODE</th><th>4 : 3 MODE</th></tr><tr><td>RANGE</td><td>0 ~ 2V</td><td>4.5 ~ 7V</td><td>9.5 ~ 12V</td></tr></table>		TV MODE	AV MODE		16 : 9 MODE	4 : 3 MODE	RANGE	0 ~ 2V	4.5 ~ 7V	9.5 ~ 12V		
	TV MODE	AV MODE													
		16 : 9 MODE	4 : 3 MODE												
RANGE	0 ~ 2V	4.5 ~ 7V	9.5 ~ 12V												
17	SC-2-ID														
18	KEY-1	HIGH	<table><tr><th></th><th>MENU</th><th>VOL-</th><th>VOL+</th><th>CH-</th><th>CH+</th></tr><tr><td>PHILIPS</td><td>0 ~ 0.1V</td><td>0.1 ~ 0.7V</td><td>0.7V ~ 13V</td><td>1.3V ~ 1.9V</td><td>0.9 ~ 2.4V</td></tr></table>		MENU	VOL-	VOL+	CH-	CH+	PHILIPS	0 ~ 0.1V	0.1 ~ 0.7V	0.7V ~ 13V	1.3V ~ 1.9V	0.9 ~ 2.4V
	MENU	VOL-	VOL+	CH-	CH+										
PHILIPS	0 ~ 0.1V	0.1 ~ 0.7V	0.7V ~ 13V	1.3V ~ 1.9V	0.9 ~ 2.4V										
19	H-SYNC	POSITIVE	- MICOM "H-SYNC" Input, POSITIVE Input (3.3 V p-p)												
20	V-SYNC	POSITIVE	- MICOM "V-SYNC" Input, POSITIVE Input (3.3 V p-p)												
21	KEY-3	HIGH	- Power ON/OFF Control jack												
22	KEY-2	HIGH	- TV/VIDEO switching control jack												
23	X-RAY	HIGH	- Function: Low												
24	IR-IN		- Remote Control Input Jack												
25	STD-LED	HIGH	- STANDBY: Hight, OFF: LOW												
26	TIM-LED	LOW	- TIME ON: H TIME OFF: L												
27	RELAY		- DEGAUSSING COIL CONTROL: Based on standard specifications												
28	SW1	HIGH	- H: IN1, L: IN2 (BA7657F) PIN (#16) Control jack												
29	GND														
30	VDD 3.3V	HIGH													
31(33)	RESET	LOW	- Reset active : HIGH												
32(34)	X-IN		- Crystal oscillation input jack												
33(35)	X-OUT		- Crystal oscillation output jack												
34(36)	GND														
35(37)	VDD 2.5V	HIGH													
36(38)	OSD-R	1.2V p-p	- OSD R-OUT OUTPUT jack (0.38V p-p) ,half tone: 0.9V p-p												
37(39)	OSD-G	1.2V p-p	- OSD G-OUT OUTPUT jack (0.38V p-p) ,half tone: 0.9V p-p												

PIN	FUNCTION	FIRST STATE	ASSIGNMENT												
37(40)	OSD-B	1.2V p-p	- OSD B-OUT OUTPUT jack (0.38V p-p) ,half tone: 0.9V p-p												
38(41)	CORE	0.9V p-p	- OSD F/B OUTPUT jack (Clamped at SAND PULSE, Half Tone: "LOW")												
39(42)	VDD 2.5V	HIGH													
40(43)	GND														
41(44)	VDD 3.3V	HIGH													
42(45)	PX, Y	HIGH	- V-SYNC INPUT												
43(46)	PX, Y	HIGH	- F/B INPUT JACK												
44(47)	SW3	H	<table><tr><th>F1</th><th>F0</th><th>fH</th></tr><tr><td>L</td><td>M</td><td>1.75KHz (480i/480P)</td></tr><tr><td>M</td><td>L</td><td>33.75KHz (1080i)</td></tr></table>	F1	F0	fH	L	M	1.75KHz (480i/480P)	M	L	33.75KHz (1080i)	LOW: GNDHIGH : OPEN STATUS Initially, these pins select an input source at LOW state		
F1	F0	fH													
L	M	1.75KHz (480i/480P)													
M	L	33.75KHz (1080i)													
45(48)	SW2	L													
46(49)	S-MUTE		- System (NTSC/PAL) MUST be separated												
47(50)	POWER		- Active "LOW"												
48(51)	H.P-ID		- 1080I control jack: 1080i (LOW), RF (High)												
49(52)	TILT	HIGH	- Magnetic field control												

4-3 Factory Adjustment Values and White Balance Settings

4-3-1 Factory Adjustment Values

SERVICE

Deflection
480P Offset
1080i Offset
PC Offset
DVI Offset(480p)
DVI Offset(1080i)
Video Adjust 1
Video Adjust 2
Video Adjust 3
Video Adjust DNle
Option Reset

MICOM NAME	VERSION
SIM-460A1	PC,DVI ADJUST MODE NOT INCLUDED V CHIP : ONLY USA
SIM-460A4	PC,DVI ADJUST MODE INCLUDED V CHIP : USA + CANADA
T_YSTP02_001	Video Adjust DNle INCLUDED
T_YST2US_1001	Video Adjust DNle (SDP22 → SDP31) PC ADJUST MODE DELETE

4-3-2 White Balance Settings

	SDI CRT	SDI CRT	SDI CRT	SDI CRT	SDI CRT
	29" FLAT	29" FLAT	32" WIDE	34" FLAT	28" FLAT
MODEL	TXN2771HF TXN2775HF CL29Z7HEGX CL29Z6HEGX	TXN2745FPX	TXN3071WHF TXN3075WHF CL32Z7HEGX CL32Z6HEGX	TXN3271HF TXN3275HF	TXN2670WHF
H	275/265 45ft	275/265 45ft	275/265 45ft	275/265 40ft	275/265 45ft
L	275/265 1.0ft	275/265 1.0ft	275/265 1.0ft	275/265 1.0ft	275/265 1.0ft
	LG CRT	SDI CRT	SDI CRT	SDI CRT	TSB CRT
	34" FLAT	29" FLAT	32" WIDE	34" FLAT	34" FLAT
MODEL	TXN3234HF	TXN2798HF	TXN3098WHF	TXN3298HF	CL34Z7HEGX CL34Z6HEGX
H	275/265 45ft	275/265 45ft	275/265 45ft	275/265 40ft	275/265 45ft
L	275/265 1.0ft	275/265 1.0ft	275/265 1.0ft	275/265 1.0ft	275/265 1.0ft

4-4 Functions of Each Port in Service Mode



Deflection

MODEL ITEM	SDI CRT 29" FLAT	SDI CRT 29" FLAT	SDI CRT 32" WIDE	SDI CRT 34" FLAT	SDI CRT 28" FLAT	LG CRT 34" FLAT	SDI CRT 29" FLAT	SDI CRT 32" WIDE	SDI CRT 34" FLAT	TSB CRT 34" FLAT
	TXN2771HF TXN2775HF CL.29Z7HEGX CL.29Z6HEGX	TXN2745FPX	TXN3071WHF TXN3075WHF CL.32Z7HEGX CL.32Z6HEGX	TXN3271HF TXN3275HF	TXN2670WHF	TXN3234HF	TXN2798HF	TXN3098WHF	TXN3298HF	CL.34Z7HEGX CL.34Z6HEGX
V Amp	45	45	30	45	30	38	45	30	45	50
V Shift	30	30	30	28	27	30	30	30	28	28
H EW	30	30	30	30	32	32	30	30	30	30
H Shift	15	15	16	25	26	32	15	16	25	25
V Linearity	5	5	6	11	4	4	5	6	11	5
Upper Linearity	6	6	4	15	7	3	6	4	15	7
Lower Linearity	6	6	4	5	7	3	6	4	5	7
V SC	3	3	3	5	3	3	3	3	5	3
H Parabol a	30	30	32	40	28	40	30	32	40	40
Upper Corner	30	30	35	40	36	40	30	35	40	40
Lower Corner	32	32	35	35	32	35	32	35	35	35
H Trapezium	32	32	35	45	28	35	32	35	45	45
Bow	32	32	35	45	32	45	32	35	45	45
Angle	32	32	30	32	32	32	32	30	32	32
V Position	32	32	32	32	32	32	32	32	32	32
CXA Left Blk	30	30	30	30	30	30	33	30	30	30
CXA Right Blk	37	37	37	37	37	37	37	37	37	37

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PC Offset

MODEL ITEM	SDI CRT	SDI CRT	SDI CRT	SDI CRT	SDI CRT	LG CRT	SDI CRT	SDI CRT	SDI CRT	SDI CRT	TSB CRT
	29" FLAT	29" FLAT	32" WIDE	34" FLAT	28" FLAT	34" FLAT	29" FLAT	32" WIDE	34" FLAT	34" FLAT	34" FLAT
V Amp	TXN2771HF	TXN2745FPX	TXN3071WHF	TXN3271HF	TXN2670WHF	TXN3234HF	TXN2798HF	TXN3098WHF	TXN3298HF	CL34Z7HEGX	CL34Z6HEGX
V Shift	TXN2775HF		TXN3075WHF	TXN3275HF							
H EW	CL29Z7HEGX		CL32Z7HEGX								
H Shift	CL29Z6HEGX		CL32Z6HEGX								
V Linearity											
Up Linearity											
Lower Linearity											
V SC											
H Parabola											
Upper Corner											
Lower Corner											
H Trapezium											
Bow											
Angle											
V Position											
CXA Left Blk											
CXA Right Blk											

02' MODEL ONLY.

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DVI Offset (1080i)

MODEL ITEM	SDI CRT	SDI CRT	SDI CRT	SDI CRT	LG CRT	SDI CRT	SDI CRT	SDI CRT	SDI CRT	SDI CRT	SDI CRT	TSB CRT
	29" FLAT	29" FLAT	32" WIDE	34" FLAT	34" FLAT	28" FLAT	34" FLAT	29" FLAT	32" WIDE	34" FLAT	34" FLAT	34" FLAT
	TXN2771HF	TXN2745FPX	TXN3071WHF	TXN3271HF	TXN3234HF	TXN2670WHF	TXN3275HF	TXN2798HF	TXN3098WHF	TXN3298HF	CL34Z7HEGX	CL34Z6HEGX
V Amp	-	-	-	-	-	-	-	-17	-9	-16	-	-
V Shift	-	-	-	-	-	-	-	-4	4	-1	-	-
H EW	-	-	-	-	-	-	-	1	-2	-7	-	-
H Shift	-	-	-	-	-	-	-	-5	-4	-2	-	-
CXA Left Blk	-	-	-	-	-	-	-	50	50	50	-	-
CXA Right Blk	-	-	-	-	-	-	-	36	36	36	-	-



VIDEO ADJUST 1

MODEL ITEM	SDI CRT	SDI CRT	SDI CRT	SDI CRT	SDI CRT	LG CRT	SDI CRT	SDI CRT	SDI CRT	SDI CRT	SDI CRT	TSB CRT
	29" FLAT	29" FLAT	32" WIDE	34" FLAT	28" FLAT	34" FLAT	29" FLAT	32" WIDE	34" FLAT	32" WIDE	34" FLAT	34" FLAT
	TXN2771HF TXN2775HF	TXN2745FPX	TXN3071WHF TXN3075WHF	TXN3271HF TXN3275HF	TXN2670WHF	TXN3234HF	TXN2798HF CL2927HEGX CL2926HEGX	TXN3098WHF CL3227HEGX CL3226HEGX	TXN3298HF			CL3427HEGX CL3426HEGX
R CutOff	25	25	35	40	28	20	25	35	40	40		40
G CutOff	24	24	24	24	24	24	24	24	24	24		24
B CutOff	25	25	30	32	26	24	25	30	32	32		32
Color On/Off	1	1	1	1	1	1	1	1	1	1		1
CR OffSet	31	31	31	31	31	31	31	31	31	31		31
CB OffSet	31	31	31	31	31	31	31	31	31	31		31
R Drive	32	32	30	32	30	33	32	30	32	32		32
G Drive	32	32	28	24	32	24	32	28	24	24		24
B Drive	32	32	30	32	30	32	32	30	32	32		32
Sub Bright	32	32	17	15	10	15	32	17	15	15		15
Sub Contrast	10	10	10	10	10	10	10	10	10	10		10
Sub Color	18	18	18	18	18	18	18	15	15	15		15
Sub Tint	7	7	7	7	7	7	7	7	7	7		7
CTI Level	1	1	1	1	1	1	1	1	1	1		1
COL Axis	2	2	2	2	2	2	2	2	2	2		2
LTI Level	0	0	0	0	0	2	2	2	2	2		2
LTI Mode	1	1	1	1	1	1	1	1	1	1		1
"T_YSTP02_001" MICOM DISPLAY												
PC DPIC LEVEL	-	-	-	-	-	-	-	-	-	-	-	-
PC DC Trans	-	-	-	-	-	-	-	-	-	-	-	-
PC VM Level	-	-	-	-	-	-	-	-	-	-	-	-
PC ADJ MODE DISPLAY "SIM-460A4", "T_YSTP02_001" MICOM.												

VIDEO ADJUST 2

MODEL ITEM	SDI CRT	SDI CRT	SDI CRT	SDI CRT	SDI CRT	SDI CRT	LG CRT	SDI CRT	SDI CRT	SDI CRT	SDI CRT	TSB CRT
	29" FLAT	29" FLAT	32" WIDE	34" FLAT	28" FLAT	34" FLAT	34" FLAT	29" FLAT	32" WIDE	34" FLAT	34" FLAT	34" FLAT
	TXN2771HF TXN2775HF	TXN2745FPX	TXN3071WHF TXN3075WHF	TXN3271HF TXN3275HF	TXN2670WVHF	TXN3234HF	TXN2798HF CL 29Z7HEGX CL 29Z6HEGX	TXN3098WHF CL 32Z7HEGX CL 32Z6HEGX	TXN3298HF	CL 34Z7HEGX CL 34Z6HEGX		
ABL Mode	3	3	3	3	3	3	3	3	3	3	3	3
	1	1	1	1	1	1	1	1	1	1	1	1
	3	3	3	3	3	3	3	3	3	3	3	3
	2	2	2	2	2	3	3	2	2	2	2	3
	7	7	15	15	15	0	7	15	15	15	7	7
	2	2	2	2	2	2	2	2	2	2	2	1
	3	3	3	0	3	0	3	3	3	0	0	0
	2	2	2	2	2	2	2	2	2	2	2	2
	3	3	3	0	3	0	3	3	3	0	0	0
	3	3	3	1	3	2	3	3	3	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1
	0	0	0	0	0	0	0	0	0	0	0	0
	11	11	14	14	14	14	11	14	14	14	14	14
	16	16	16	16	16	16	16	16	16	16	16	16
	30	30	30	30	30	30	30	30	30	30	30	30
3	3	3	3	3	3	3	3	3	3	3	3	
2	2	2	1	2	2	2	2	2	1	1	1	
3	3	3	3	4	4	4	3	3	3	3	3	

VIDEO ADJUST 3

MODEL ITEM		SDI CRT	SDI CRT	SDI CRT	SDI CRT	SDI CRT	SDI CRT	SDI CRT	LG CRT	SDI CRT	SDI CRT	SDI CRT	TSB CRT
		29" FLAT	29" FLAT	32" WIDE	34" FLAT	28" FLAT	34" FLAT	29" FLAT	32" WDE	34" FLAT	34" FLAT	34" FLAT	34" FLAT
TXN2771HF TXN2775HF		TXN2745FPX	TXN3071WHF TXN3075WHF	TXN3271HF TXN3275HF	TXN2670WHF	TXN3234HF	TXN2798HF CL29Z7HEGX CL29Z6HEGX	TXN3298HF CL32Z7HEGX CL32Z6HEGX					CL34Z7HEGX CL34Z6HEGX
VSU		2	2	2	2	2	2	2	2	2	2	2	2
Melody Volume		4	4	4	4	4	4	4	4	4	4	4	4
H Comp		5	5	8	4	6	8	5	8	4	4	4	4
V Comp		3	3	5	5	5	4	3	5	5	5	5	5
Pin Comp		0	0	0	3	0	7	0	0	3	3	3	3
AFC Comp		0	0	0	0	0	0	0	0	0	0	0	0
Sync Phase		0	0	0	0	0	0	0	0	0	0	0	0
NR Off Value		7	7	7	7	7	7	7	7	7	7	7	7
CR Offset 480p		35	35	35	35	35	35	28	28	28	28	28	28
CB Offset 480p		35	35	35	35	35	35	31	31	31	31	31	31
Sub Color 480p		10	10	10	10	10	10	15	15	15	15	15	15
Sub Tint 480p		15	15	15	15	15	15	15	15	15	15	15	15
CR Offset 1080i		33	33	33	33	33	33	28	28	28	28	28	28
CB Offset 1080i		33	33	33	33	33	33	31	31	31	31	31	31
Sub Color 1080i		15	15	15	15	15	15	15	15	15	15	15	15
Sub Tint 1080i		10	10	10	10	10	10	10	10	10	10	10	10
Video Mute(X 100ms)		3	3	3	3	3	3	3	3	3	3	3	3
PC H Comp		-	-	-	-	-	-	-	-	-	-	-	-
PC V Comp		-	-	-	-	-	-	-	-	-	-	-	-
PC ADJ MODE DISPLAY "SIM-460A4", "T_YSTP02_001" MICOM.													
NO 1080i		0	1	0	0	0	0	0	0	0	0	0	0
		"T_YSTP02_001", "T_YST2US_1001" MICOM DISPLAY											



VIDEO ADJUST DNle : "T_YSTP02_001" MICOM DISPLAY

MODEL ITEM	SDI CRT	SDI CRT	SDI CRT	SDI CRT	LG CRT	SDI CRT	SDI CRT	SDI CRT	SDI CRT	SDI CRT	SDI CRT	TSB CRT	
	29" FLAT	32" WIDE	34" FLAT	34" FLAT	28" FLAT	34" FLAT	29" FLAT	32" WDE	34" FLAT	34" FLAT	34" FLAT	34" FLAT	
AD9883 R GAIN	TXN2771HF TXN2775HF TXN2745FPX	TXN3071WHF TXN3075WHF	TXN3271HF TXN3275HF	TXN2670WHF	TXN3234HF	TXN2798HF CL29Z7HEGX CL29Z6HEGX	TXN3098WHF CL32Z7HEGX CL32Z6HEGX	185	185	185	185	185	FIX
AD9883 G GAIN	0	0	0	0	0	0	0	185	185	185	185	185	FIX
AD9883 B GAIN	0	0	0	0	0	0	0	185	185	185	185	185	FIX
AD9883 R Cutoff	0	0	0	0	0	0	0	64	64	64	64	64	ADJUST
AD9883 G Cutoff	0	0	0	0	0	0	0	64	64	64	64	64	FIX
AD9883 B Cutoff	0	0	0	0	0	0	0	64	64	64	64	64	ADJUST
SNI OVG H	0	0	0	0	0	0	0	20 20 20	20 20 20	20 20 20	20 20 20	20 20 20	FIX
SNI OVG V	0	0	0	0	0	0	0	2 10 20	2 10 20	2 10 20	2 10 20	2 10 20	FIX
SNI HPF	0	0	0	0	0	0	0	20 20 30	20 20 30	20 20 30	20 20 30	20 20 30	FIX
SNI COR	0	0	0	0	0	0	0	3 2 3	2 1 3	3 2 3	3 2 3	3 2 3	FIX
SNI CLIP	0	0	0	0	0	0	0	15 15 15	15 15 15	15 15 15	15 15 15	15 15 15	FIX
SNI LPF/PIF	0	0	0	0	0	0	0	1 1 9	1 1 9	1 1 9	1 1 9	1 1 9	FIX
-	-	-	-	-	-	-	-	RF / DTV / DEMO	RF / DTV / DEMO	RF / DTV / DEMO	RF / DTV / DEMO	RF / DTV / DEMO	

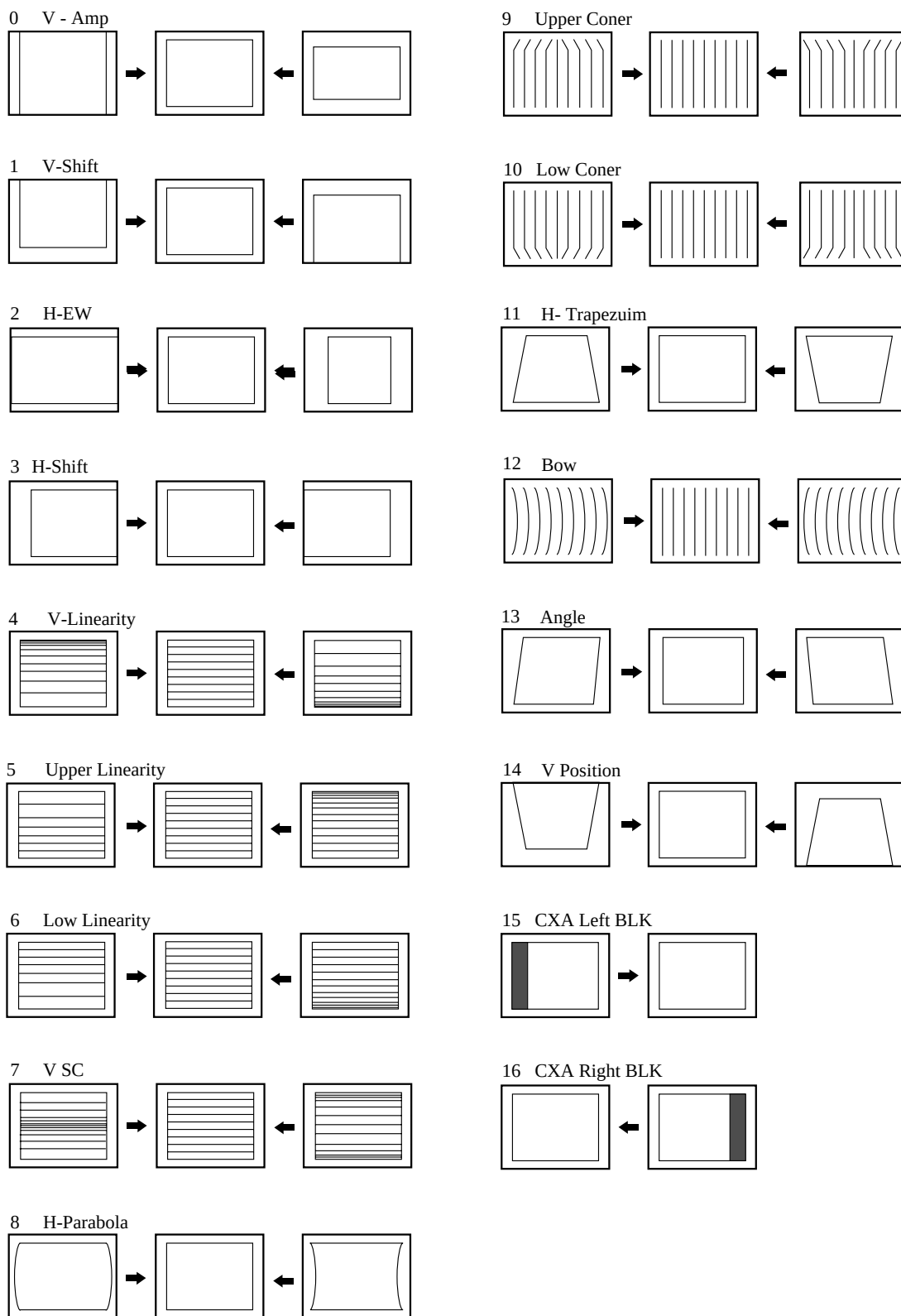
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4-17

OPTION BYTE

[illegible]

4-8 Screen Change (I2C Bus Geometric Adjustment)

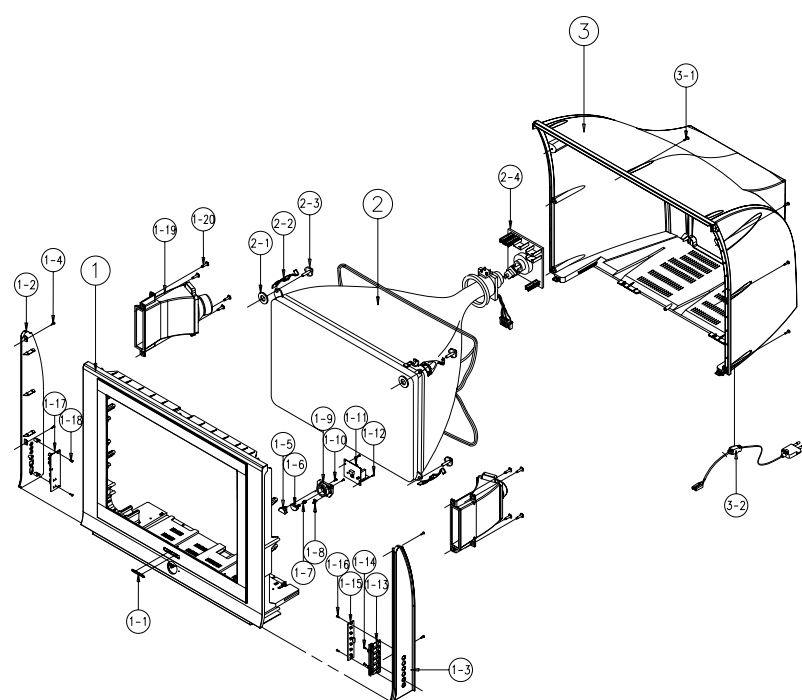


MEMO

5. Exploded View & Parts List

5-1 TXN3075WHFXXAA

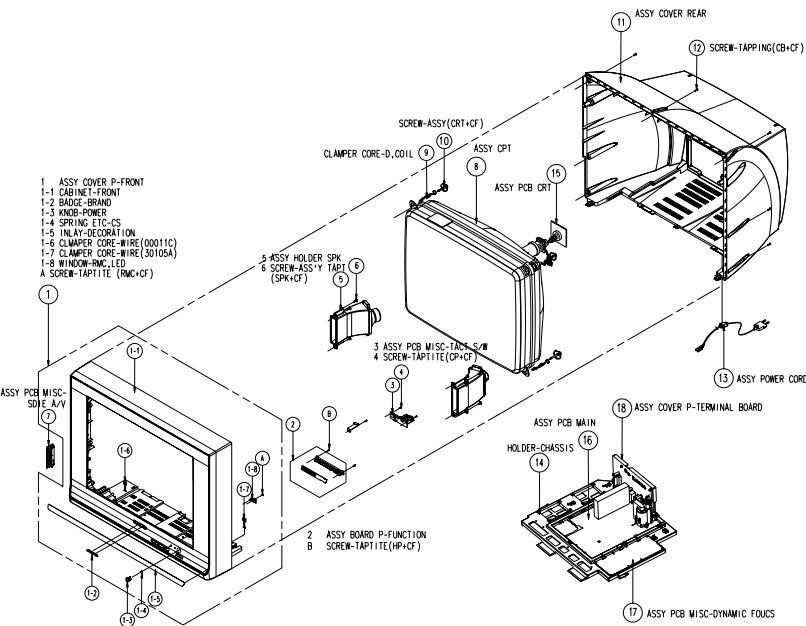
You can search for the updated part code through ITSELF web site.
URL : <http://itself.sec.samsung.co.kr>



No	Code No	Description;Specification	Q'ty	Remark
1	AA64-02746L	CABINET FRONT;TXN3075,HIPS,V0,G4309,SV01	1	F/C
1-1	AA64-70117B	BADGE-BRAND;-AL,-,L65,R2000,SILVER,SS	1	BADGE
1-2	AA63-00687A	COVER-AV;DP 32Z6,AA63-00558B	1	CAV
1-3	AA63-00686A	COVER-CONTROL;DP 32Z6,AA63-00557E	1	C/C
1-4	6003-001268	SCREW-TAPTITE;TH,+,B,M4,0,L12,0,ZPC(YEL)	2	
1-5	AA64-02752A	WINDOW-RMC;29Z6,PC,VO,VIOLET	1	WRL
1-6	AA64-02751A	KNOB-POWER;29Z6,PC,VO,VIOLET	1	KP
1-7	AA61-60003J	SPRING ETC-CS;-SUS304,-,OD6,N7,OD6,-,	1	SPRING
1-8	AA64-02753A	INDICATOR LED;29Z6,ACRYL,HB,CLEAR	1	IL
1-9	AA64-02750A	DECORATION-POWER;29Z6,ABS,HB,GRAY,AL	1	DP
1-10	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR	2	
1-11	AA96-01478A	ASSY MISC;PCB-TACT S/W;K55A	1	A/TACT
1-12	6003-001268	SCREW-TAPTITE;TH,+,B,M4,0,L12,0,ZPC(YEL)	2	
1-13	AA64-03037A	KNOB-CONTROL;DP Z7,HB,G3676,AA64-02662A	1	KC
1-14	6003-001019	SCREW-TAPTITE;RH,+,B,M4,L12,ZPC(BLK),SWR	2	KC+CCR
1-15	AA96-01031A	ASSY MISC P;CONTROL TXM27,30,3298,K55A	1	A/CTRL
1-16	6003-001268	SCREW-TAPTITE;TH,+,B,M4,0,L12,0,ZPC(YEL)	3	PAV+CA
1-17	AA96-01032A	ASSY MISC A/V SIDE;TXM27,30,3298,K55A	1	A/SIDE
1-18	6003-001268	SCREW-TAPTITE;TH,+,B,M4,0,L12,0,ZPC(YEL)	2	
1-19	AA91-00507A	ASSY HOLDER SPK;-80HM/15W,-,ASSY HOLD	1	A/SPK
1-20	6006-001095	SCREW-ASSY TAPT;WPBH,+,M4,L12,ZPC(YEL)	4	AHS+CF
2	AA03-00363A	CRT COLOR;W76QEN581X002,+,380MG,0.302MM,H.6	1	CRT
2-1	AA63-60004L	SPACER-GUM,CRT;-NTR RUBBER,-,-,BLK,T3	4	S/CRT
2-2	AA61-00997A	HOLDER-D,COIL;32Z5,NYLON 66	4	CDCOIL
2-3	AA60-10050V	SCREW-ASSY;WC,HH,+,M6,L30,SWRCH18A,ZPC(S	4	CRT+CF
2-4	AA96-01504A	ASSY PCB P-CRT;TXM3071WHFX,K55A	1	A/CRT
3	AA64-03580A	CABINET BACK;DP 32Z6,AA64-02747D	1	CB
3-1	AA60-10050T	SCREW-TAPPING;RH,+,ZS,M4,L20,ZPC(BLK),SW	7	CB+CF
3-2	AA96-00156F	ASSY POWER CORD;EP2/YES(US),H/S 300mm,KJ	1	PWR/AC

5-2 TXN3271HFX/XAA

You can search for the updated part code through ITSELF web site.
URL : <http://itself.sec.samsung.co.kr>



No	Code No	Description;Specification	Q'ty	Remark
1	AA96-01474A	ASSY COVER P-FRONT;34A10,HIPS V0,G4309,S	1	FC
1-2	AA64-03376A	CABINET-FRONT;S34A10,HIPS	1	CF
1-3	AA64-70124C	BADGE-BRAND;AL,R2500,SILVER,L=70,SAMSUNG	1	BADGE
1-4	AA61-60003J	SPRING ETC-CS;-,SUS304,-,OD6,N7,OD6,-,	1	SPRING
1-5	AA64-03380A	INLAY-DECORATION;S32A10,PVC SHEET,T0.5	1	ID
1-6	AA65-00011C	CLAMP-WIRE;ALL MODEL,NYLON 66,V2,NTR,25M	1	CWFC
1-7	AA65-30105A	CLAMP-WIRE;NYLON 66N,V0,NTR,15MM	1	CWFC
1-8	AA64-03337A	WINDOW-RMC,LED;32A10,A11,PC,CLR	1	WRL
A	6003-001019	SCREW-TAPTITE,RH,+,B,M4,L12,ZPC(BLK),SWR	1	WRL+CF
2	AA96-01462A	ASSY BOARD P-FUNCTION;CT-29A10HR,FUNCTIO	1	T/PAD
B	6003-001019	SCREW-TAPTITE,RH,+,B,M4,L12,ZPC(BLK),SWR	2	HPC+CF
3	AA96-01503A	ASSY PCB P-TACT S/W;TXN2771HF,K55A	1	APTS
4	6003-000333	SCREW-TAPTITE,RH,+,2S,M3,L10,ZPC(YEL),SW	2	
5	AA91-00507A	ASSY HOLDER SPK;-,-,80HM/15W,-,ASSY HOLD	1	A/HSPK
6	6006-001095	SCREW-ASSY TAPT;WP,BH,+,M4,L12,ZPC(YEL)	8	AHS+CF
7	AA96-01502A	ASSY PCB P-SIDE A/V;TXM2771HFX,K55A	1	APAV
8	AA03-00357A	CRT COLOR;A800EA891X002,+,380MG,0.35MH,9	1	CRT
9	AA61-01258A	HOLDER-D.COIL;NYLON,34M9,T3.0	4	H/D-CO
10	AA60-10050V	SCREW-ASSY;WC,HH,+,M6,L30,SWRCH18A,ZPC(S	4	CRT+CF
11	AA64-03379A	CABINET BACK;S34A10,HIPS	1	BC
12	6003-001026	SCREW-TAPTITE,RH,+,B,M4,L15,ZPC(BLK),SWR	7	CB+CF
13	AA96-00156F	ASSY POWER CORD;EP2/YES(US),H/S 300mm,KJ	1	PWR/AC
14	AA61-01235A	HOLDER-CHASSIS;DP Z7,AA61-01190A	1	HC
15	AA96-01513A	ASSY PCB-CRT;K55A,TXN2670,3298	1	A/CRT
16	AA94-12873E	ASSY PCB MAIN;TXN3271HFX/XAA,K55A	1	A/MAIN
17	AA96-01257A	ASSY PCB P-DYNAMIC FOCUS;TXM3098WHF,DVI;	1	A/DF
18	AA96-01519A	ASSY COVER P-TERMINAL BOARD;DP AA96-0141	1	TBA

6. Electrical Parts List

6-1 TXN3075WHFXXAA

Level	Loc. No.	Code No.	Description ; Specification	Remark	Level	Loc. No.	Code No.	Description ; Specification	Remark
ASSY CHASSIS									
1	A/CHAS	AA91-05810N	ASSY CHASSIS;TXN3075WHFXXAA,K55A		3	CH10	2303-000128	C-FILM,PPF;12nF,5%,1.6KV,BK,31x21x14,25m	
2	CBLK+H	6003-000333	SCREW-TAPTITE,RH,+,2S,M3,L10,ZPC(YEL),SW		3	CH07	2306-000327	C-FILM;CF922P1.6KV,T632-H-25/85	
2	DFO+HC	6003-000333	SCREW-TAPTITE,RH,+,2S,M3,L10,ZPC(YEL),SW		3	CNH01	AA39-20005B	LEAD CONNECTOR-ASSY;3PYBNH025-03,67096	
2	PMAIN+H	6003-000333	SCREW-TAPTITE,RH,+,2S,M3,L10,ZPC(YEL),SW		△ 3	GTH01S	AA39-20061C	LEAD CONNECTOR-ASSY;3PYFH800-03,S,200,	
2	TBA+HC	6006-001095	SCREW-ASSY TAPT;WPBH,+,M4,L12,ZPC(YEL)		△ 3	GT807S	AA39-20010A	LEAD CONNECTOR-ASSY;1PYFH800-01,S,200,	
2	HC	AA61-01235A	HOLDER-CHASSIS;DP Z7,AA61-01190A		2	C-BLOC	AA26-00069A	TRANS FBT;FUJ-29C002C(S),DREAM3,4,-,-,-,	
2	CWHC	AA65-30105A	CLAMP-WIRE,NYLON 66N,VO,NTR,15MM		2	DRES1	AA65-30018A	CLAMP-WIRE,-,NYLON6.6,-,-,DATL	
2	A/DYMC	AA96-01257A	ASSY PCB P;DYNAMIC FOCUS,TXM3098WHF,DVI;		2	DRES2	AA65-30110A	CLAMP-WIRE,NYLON 66,V2,BLK,PAL TV,ALL M	
3	LH01	AA26-90002C	TRANS-DUMMY,-,3.5MH,EER2834,13		2	A/CRT	AA96-01504A	ASSY PCB P-CRT;TXM3071WHFX,K55A	
3	LH02	AA27-40003L	COIL-HORIZ,WIDTH,-,1.0mH,DR14x20,2UEW0.4		3	DF01	0401-000005	DIODE;1N4148,100V/300mA,1V,8nS,TAPING	
3	QH02	0501-000283	TRANSISTOR;KSA539-Y(TAPG)/YTAM		3	DF02	0401-000005	DIODE;1N4148,100V/300mA,1V,8nS,TAPING	
3	QH04	0501-000283	TRANSISTOR;KSA539-Y(TAPG)/YTAM		3	DF05	0401-000005	DIODE;1N4148,100V/300mA,1V,8nS,TAPING	
3	QH03	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM		3	DF06	0401-000005	DIODE;1N4148,100V/300mA,1V,8nS,TAPING	
3	RH09	2001-000008	R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM		3	D503	0401-000005	DIODE;1N4148,100V/300mA,1V,8nS,TAPING	
3	RH19	2001-000109	R-CARBON(S);470OHM,5%,1/2W,AA,		3	D501	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41	
3	RH07	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP		3	D502	0402-000493	DIODE-RECTIFIER;1R5GU41,400V,1	
3	RH02	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,		3	D504	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.	
3	RH03	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,		3	D505	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.	
3	RH12	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,		3	D506	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.	
3	RH14	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,		3	D507	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.	
3	RH15	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,		3	D508	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.	
3	RH10	2001-000331	R-CARBON;12KOHM,5%,1/8W,AA,TP,		3	D534	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.	
3	RH06	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,		3	D535	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.	
3	RH11	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,		3	DF07	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.	
3	RH08	2001-000812	R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2mm		3	DF08	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.	
3	RH23	2001-001055	R-CARBON/METALFILM;RD1/2T1.8K-J		3	DZF03	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
3	RH16	2001-001078	R-CARBON(S);15KOHM,5%,1/2W,AA,		3	DZ502	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
3	RH05	2001-001108	R-CARBON(S);22KOHM,5%,1/2W,AA,		3	DZ501	0403-000734	DIODE-ZENER;TZP15B,15V,14.7-16.5V,1W,DO-	
3	RH04	2001-001144	R-CARBON(S);4.7KOHM,5%,1/2W,AA,TP,2.4X6.		3	DZF01	0403-001039	DIODE ZENER;MA2560,56V,52-60V,1W,DO-41,T	
3	RH17	2001-001144	R-CARBON(S);4.7KOHM,5%,1/2W,AA,TP,2.4X6.		3	DZF02	0403-001039	DIODE ZENER;MA2560,56V,52-60V,1W,DO-41,T	
3	RH18	2001-001163	R-CARBON(S);560OHM,5%,1/2W,AA,		3	DZ516	0403-001325	DIODE-ZENER;MTZJ15C,14.35-15.09V,500mW,D	
3	RH01	2001-001165	R-CARBON(S);560OHM,5%,1/2W,AB,T		3	DZ534	0403-001325	DIODE-ZENER;MTZJ15C,14.35-15.09V,500mW,D	
3	RH13	2001-001174	R-CARBON;62KOHM,5%,1/2W,AA,TP,2.4X6.4MM		3	Q501	0501-000283	TRANSISTOR;KSA539-Y(TAPG)/YTAM	
3	RH20	2003-002170	R-METAL OXIDE(S);15Kohm,5%,2W,AG,TP,3.9x		3	QF04	0501-000283	TRANSISTOR;KSA539-Y(TAPG)/YTAM	
3	RH21	2003-002170	R-METAL OXIDE(S);15Kohm,5%,2W,AG,TP,3.9x		3	Q502	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
3	RH22	2003-002170	R-METAL OXIDE(S);15Kohm,5%,2W,AG,TP,3.9x		3	Q503	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
3	RH28	2008-001113	R-FUSIBLE(S);0.22ohm,10%,2W,AG,TP,3.9x12		3	Q504	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
3	CH04	2401-000302	C-AL;100UF,20%,25V,GP6X11MM,5		3	Q506	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
3	CH06	2401-000302	C-AL;100UF,20%,25V,GP6X11MM,5		3	QF02	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
3	CH01	2401-000832	C-AL;220UF,20%,25V,GP8X11MM,5		3	QF03	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
3	CH03	2401-000025	C-ALUMINUM;100uf,20%,16V,GP,TP,6.3x11.5		3	QF05	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
3	CH05	2401-000025	C-ALUMINUM;100uf,20%,16V,GP,TP,6.3x11.5		3	Q505	0502-000006	TR-POWER;KSC1507,NPN,15W,TO-220,TP,120-	
3	CH02	2401-002009	C-AL;100UF,20%,16V,GP,TP,6.3X7		3	R527	2001-000007	R-CARBON;3KOHM,5%,1/8W,AA,TP,1	
3	QOVER	AA41-00589A	PCB-DYNAMIC/FOCUS;CT-29M8HR,FR-1,1LA,1.		3	R536	2001-000007	R-CARBON;3KOHM,5%,1/8W,AA,TP,1	
3	EY01	AA60-40011A	EYELET;-ID2.0,0D2.8,-,-,BST		3	R575	2001-000007	R-CARBON;3KOHM,5%,1/8W,AA,TP,1	
3	EY02	AA60-40011A	EYELET;-ID2.0,0D2.8,-,-,BST		3	RF17	2001-000019	R-CARBON(S);10ohm,5%,1/2W,AA,TP,2.4x6.4m	
3	EY03	AA60-40011A	EYELET;-ID2.0,0D2.8,-,-,BST		3	R560	2001-000052	R-CARBON(S);3.3KOHM,5%,1/2W,AA	
3	EY04	AA60-40011A	EYELET;-ID2.0,0D2.8,-,-,BST		3	R540	2001-000066	R-CARBON(S);10KOHM,5%,1/2W,AA,	
3	EY05	AA60-40011A	EYELET;-ID2.0,0D2.8,-,-,BST		3	R549	2001-000066	R-CARBON(S);10KOHM,5%,1/2W,AA,	
3	EY06	AA60-40011A	EYELET;-ID2.0,0D2.8,-,-,BST		3	R557	2001-000066	R-CARBON(S);10KOHM,5%,1/2W,AA,	
3	EY07	AA60-40011A	EYELET;-ID2.0,0D2.8,-,-,BST		3	R558	2001-000066	R-CARBON(S);10KOHM,5%,1/2W,AA,	
3	EY08	AA60-40011A	EYELET;-ID2.0,0D2.8,-,-,BST		3	R523	2001-000085	R-CARBON(S);100KOHM,5%,1/2W,AA	
3	EY09	AA60-40011A	EYELET;-ID2.0,0D2.8,-,-,BST		3	R502	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP	
3	EY10	AA60-40011A	EYELET;-ID2.0,0D2.8,-,-,BST		3	R521	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP	
3	EY11	AA60-40011A	EYELET;-ID2.0,0D2.8,-,-,BST		3	R533	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP	
3	EY12	AA60-40011A	EYELET;-ID2.0,0D2.8,-,-,BST		3	RF30	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP	
3	EY13	AA60-40011A	EYELET;-ID2.0,0D2.8,-,-,BST		3	RF31	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP	
3	GTH01	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO		3	RF22	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP	
3	GTH02	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO		3	RF25	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP	
3	GTH03	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO		3	RF28	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP	
3	GTH04	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO		3	RF21	2001-000258	R-CARBON;1.8Kohm,5%,1/8W,AA,TP,1.8x3.2m	
3	QH01	0502-000442	TR-POWER;2SC4636RB,NPN,2W,TO-220,ST,10-		3	R562	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP	
3	ICH01	1201-000191	IC,MC4558C		3	R563	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP	
					3	R504	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,	
					3	R511	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,	
					3	R515	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,	
					3	R550	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,	

Electrical Parts List

Level	Loc. No.	Code No.	Description ; Specification	Remark	Level	Loc. No.	Code No.	Description ; Specification	Remark
3	R564	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP		3	RF13	2008-001014	R-FUSIBLE(S);22ohm,5%,1W,AF,TP;3.2x10mm	
3	RF20	2001-000331	R-CARBON;12KOHM,5%,1/8W,AA,TP		3	R506	2008-001053	R-FUSIBLE;220HM,5%,1/2W,AF,TP	
3	R537	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP;1.8x3.2mm		3	CF02	2201-000017	C-CERAMIC,DISC;1Nf,10%,50V,Y5P;4X3.5MM,5	
3	R544	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP;1.8x3.2mm		3	CF03	2201-000192	C-CERAMIC,DISC;10PF,0.25PF;500V,NPO,-,5M	
3	R551	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP;1.8x3.2mm		3	CF06	2201-000192	C-CERAMIC,DISC;10PF,0.25PF;500V,NPO,-,5M	
3	R568	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP;1.8x3.2mm		3	C538	2201-000291	C-CERAMIC,DISC;1Nf,10%,500V,Y5	
3	R514	2001-000508	R-CARBON;220KOHM,5%,1/8W,AA,TP		3	C516	2201-000426	C-CERAMIC,DISC;0.027nf,5%,50V,SL,TP;5x3,	
3	R529	2001-000508	R-CARBON;220KOHM,5%,1/8W,AA,TP		3	C517	2201-000426	C-CERAMIC,DISC;0.027nf,5%,50V,SL,TP;5x3,	
3	R552	2001-000508	R-CARBON;220KOHM,5%,1/8W,AA,TP		3	C519	2201-000426	C-CERAMIC,DISC;0.027nf,5%,50V,SL,TP;5x3,	
3	R535	2001-000527	R-CARBON;220HM,5%,1/8W,AA,TP;1.8X3.2MM		3	CF04	2201-000516	C-CERAMIC,DISC;4.7NF,+100-0%,5	
3	R539	2001-000527	R-CARBON;220HM,5%,1/8W,AA,TP;1.8X3.2MM		3	C510	2201-000576	C-CERAMIC,DISC;47PF,5%,50V,SL,4X4MM,2.5M	
3	R570	2001-000527	R-CARBON;220HM,5%,1/8W,AA,TP;1.8X3.2MM		3	C518	2201-000576	C-CERAMIC,DISC;47PF,5%,50V,SL,4X4MM,2.5M	
3	RF23	2001-000554	R-CARBON;270OHM,5%,1/8W,AA,TP		3	C527	2201-000576	C-CERAMIC,DISC;47PF,5%,50V,SL,4X4MM,2.5M	
3	R501	2001-000568	R-CARBON;270HM,5%,1/8W,AA,TP;1		3	CF07	2201-000604	C-CERAMIC,DISC;56PF,+100-0%,50	
3	R503	2001-000568	R-CARBON;270HM,5%,1/8W,AA,TP;1		3	C504	2202-000286	C-CERAMIC,MLC-AXIAL;56PF,5%,50	
3	R554	2001-000568	R-CARBON;270HM,5%,1/8W,AA,TP;1		3	C505	2202-000286	C-CERAMIC,MLC-AXIAL;56PF,5%,50	
3	R526	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP		3	C506	2202-000286	C-CERAMIC,MLC-AXIAL;56PF,5%,50	
3	R532	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP		3	C502	2202-000295	C-CERAMIC,MLC-AXIAL;68PF,5%,50	
3	R572	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP		3	C503	2202-000295	C-CERAMIC,MLC-AXIAL;68PF,5%,50	
3	R509	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP		3	C507	2202-000295	C-CERAMIC,MLC-AXIAL;68PF,5%,50	
3	R517	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP		3	C501	2301-000213	C-FILM,PEF;220NF,5%,250V,21.5X	
3	R578	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP		3	C515	2301-000213	C-FILM,PEF;220NF,5%,250V,21.5X	
3	R512	2001-000837	R-CARBON;51KOHM,5%,1/8W,AA,TP		3	C525	2301-000213	C-FILM,PEF;220NF,5%,250V,21.5X	
3	R513	2001-000864	R-CARBON;56Kohm,5%,1/8W,AA,TP;1.8x3.2mm		3	C537	2301-000213	C-FILM,PEF;220NF,5%,250V,21.5X	
3	R516	2001-000864	R-CARBON;56Kohm,5%,1/8W,AA,TP;1.8x3.2mm		3	CF05	2301-000261	C-FILM,PEF;4.7NF,5%,100V,10.5X	
3	R555	2001-000864	R-CARBON;56Kohm,5%,1/8W,AA,TP;1.8x3.2mm		3	C508	2305-000149	C-FILM;CF922N100VT104-J-40/105	
3	R519	2001-000890	R-CARBON;6.8KOHM,5%,1/8W,AA,TP		3	C512	2305-000149	C-FILM;CF922N100VT104-J-40/105	
3	R522	2001-000890	R-CARBON;6.8KOHM,5%,1/8W,AA,TP		3	C521	2305-000149	C-FILM;CF922N100VT104-J-40/105	
3	R548	2001-000890	R-CARBON;6.8KOHM,5%,1/8W,AA,TP		3	C514	2305-000665	C-FILM;104J, 60V,5MM TAPING	
3	R574	2001-000890	R-CARBON;6.8KOHM,5%,1/8W,AA,TP		3	C524	2305-000665	C-FILM;104J, 60V,5MM TAPING	
3	R520	2001-001026	R-CARBON;910ohm,5%,1/8W,AA,TP;1.8x3.2mm		3	C529	2305-000665	C-FILM;104J, 60V,5MM TAPING	
3	R530	2001-001026	R-CARBON;910ohm,5%,1/8W,AA,TP;1.8x3.2mm		3	C533	2305-000665	C-FILM;104J, 60V,5MM TAPING	
3	R531	2001-001026	R-CARBON;910ohm,5%,1/8W,AA,TP;1.8x3.2mm		3	C536	2305-000665	C-FILM;104J, 60V,5MM TAPING	
3	R534	2001-001026	R-CARBON;910ohm,5%,1/8W,AA,TP;1.8x3.2mm		3	CF74	2401-000025	C-ALUMINUM;100uf,20%,16V,GPTP;6.3x11,5	
3	R569	2001-001026	R-CARBON;910ohm,5%,1/8W,AA,TP;1.8x3.2mm		3	CF75	2401-000045	C-AL;10uf,20%,160V,GPTP;10x16,5	
3	R577	2001-001026	R-CARBON;910ohm,5%,1/8W,AA,TP;1.8x3.2mm		3	CF72	2401-000360	C-AL;100UF,20%,50V,GP8X11MM,5	
3	R566	2001-001040	R-CARBON(S);0.680HM,5%,1/2W,AA		3	C511	2401-000430	C-ELECTROLYTIC;CE04WATAG250V10	
3	R518	2001-001052	R-CARBON(S);1.5MOHM,5%,1/2W,AA,TP;2.4X6.		3	C520	2401-000703	C-ELEC;CE04-40/8525VT222-MWSD	
3	RF34	2001-001053	R-CARBON(S);1.5OHM,5%,1/2W,AA		3	C528	2401-000832	C-AL;220UF,20%,25V,GP8X11MM,5	
3	RF29	2001-001071	R-CARBON(S);12KOHM,5%,1/2W,AA		3	C534	2401-000832	C-AL;220UF,20%,25V,GP10X20MM,5	
3	RF18	2001-001079	R-CARBON(S);15OHM,5%,1/2W,AB,T		3	CF71	2401-000832	C-AL;220UF,20%,25V,GP8X11MM,5	
3	RF19	2001-001079	R-CARBON(S);15OHM,5%,1/2W,AB,T		3	C532	2401-001563	C-AL;47uf,20%,400V/GPTP;16x25mm,7.5	
3	R508	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP;2.4X6.4		3	C509	2401-001655	C-AL;680UF,20%,25V,GP10X20MM,5	
3	RF33	2001-001100	R-CARBON(S);2.7OHM,5%,1/2W,AA		3	C513	2401-001655	C-AL;680UF,20%,25V,GP10X20MM,5	
3	R547	2001-001103	R-CARBON(S);20KOHM,5%,1/2W,AA,TP;2.4X6.4		3	CF73	2401-002278	C-AL;22uf,20%,250V,WT,TP;13x20.5	
3	R561	2001-001126	R-CARBON(S);300OHM,5%,1/2W,AB,TP;2.4X6.4		3	C523	2401-002288	C-ELEC;CE04-55/10525VT471-MWRG	
3	R507	2001-001153	R-CARBON(S);47OHM,5%,1/2W,AA,T		3	C540	2401-002594	C-AL;220uf,20%,16V,GPTP;8x11.5,5	
3	RF26	2001-001179	R-CARBON(S);68KOHM,5%,1/2W,AA		3	L502	2701-000002	INDUCTOR-AXIAL;100UH,10%,4.2X9	
3	RF27	2001-001179	R-CARBON(S);68KOHM,5%,1/2W,AA		3	L501	2701-000101	INDUCTOR-AXIAL;1.2uH,10%,2.5x3.4mm	
3	R546	2001-001196	R-CARBON(S);9.1KOHM,5%,1/2W,AA,TP;2.4X6.		3	L503	2701-000101	INDUCTOR-AXIAL;1.2uH,10%,2.5x3.4mm	
3	R583	2002-000129	R-COMPOSITION;220ohm,10%,1/2W,AA,TP;3.5x		3	L504	2701-000112	INDUCTOR-AXIAL;1.2uH,10%,2.5x3.4mm	
3	R584	2002-000129	R-COMPOSITION;220ohm,10%,1/2W,AA,TP;3.5x		3	LF03	2701-000112	INDUCTOR-AXIAL;100UH,10%,2.8X7	
3	R585	2002-000129	R-COMPOSITION;220ohm,10%,1/2W,AA,TP;3.5x		3	L505	2701-000146	INDUCTOR-AXIAL;2.2UH,10%,2.5X3.4MM	
3	R525	2002-001006	R-COMPOSITION;4.7KOhm,5%,1/2W,AA,TP;3.7X		3	L532	2701-000146	INDUCTOR-AXIAL;2.2UH,10%,2.5X3.4MM	
3	R545	2002-001017	R-COMPOSITION;1K,10%,1/2W,AA,TP;3.7x9.0mm		3	L533	2702-001092	INDUCTOR-RADIAL;2.2uH,10%,6x4mm	
3	R566	2002-001017	R-COMPOSITION;1K,10%,1/2W,AA,TP;3.7x9.0mm		3	LF01	2901-000297	FILTER-EMI ON BOARD,-;3A,-,3.5x5,TP-	
3	R576	2002-001017	R-COMPOSITION;1K,10%,1/2W,AA,TP;3.7x9.0mm		3	LF05	2901-000297	FILTER-EMI ON BOARD,-;3A,-,3.5x5,TP-	
3	RF12	2003-000458	R-METAL OXIDE(S);1000HM,5%,2W,A		3	L506	3301-000287	CORE-FERRITEBEAD;AA,3.5X1.0X6.	
3	RF32	2003-000746	R-METAL OXIDE(S);560HM,5%,2W,AD		3	LF02	3301-000287	CORE-FERRITEBEAD;AA,3.5X1.0X6.	
3	RF35	2003-000746	R-METAL OXIDE(S);560HM,5%,2W,AD		3	LF04	3301-000287	CORE-FERRITEBEAD;AA,3.5X1.0X6.	
3	R538	2003-000803	R-METAL OXIDE(S);82Kohm,5%,2W,AA,TP;4x12		3	LF06	3301-000287	CORE-FERRITEBEAD;AA,3.5X1.0X6.	
3	R541	2003-000803	R-METAL OXIDE(S);82Kohm,5%,2W,AA,TP;4x12		3	J501	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
3	R542	2003-000803	R-METAL OXIDE(S);82Kohm,5%,2W,AA,TP;4x12		3	J502	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
3	R543	2003-000803	R-METAL OXIDE(S);82Kohm,5%,2W,AA,TP;4x12		3	J505	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
3	R559	2003-000803	R-METAL OXIDE(S);82Kohm,5%,2W,AA,TP;4x12		3	J506	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
3	R567	2003-000803	R-METAL OXIDE(S);82Kohm,5%,2W,AA,TP;4x12		3	J507	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
3	RF24	2003-001018	R-METAL OXIDE;220OHM,2W		3	J508	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
3	RF36	2003-002009	R-METAL OXIDE(S);390OHM,5%,2W,A		3	J509	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
3	RF14	2003-002276	R-METAL OXIDE(S);2.2KOHM,5%,2W,AG,TP;12X		3	J512	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
3	RF15	2003-002276	R-METAL OXIDE(S);2.2KOHM,5%,2W,AG,TP;12X		3	J513	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
3	RF16	2003-002276	R-METAL OXIDE(S);2.2KOHM,5%,2W,AG,TP;12X		3	J514	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
3	R565	2004-001379	R-METAL(S);12KOHM,1%,1/2W,AA,T		3	J515	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
3	R553	2004-001893	R-METAL(S);22KOHM,1%,1/2W,AA,T		3	J518	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
3	R579	2004-004097	R-METAL;1.6Kohm,2%,1/2W,AA,TP;6.5x2.5mm		3	J519	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
3	R505	2008-000205	R-FUSIBLE(S);10OHM,5%,1/2W,AF		3	J521	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
3	R528	2008-000206	R-FUSIBLE(S);10HM,5%,1/2W,AF		3	J523	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	

Level	Loc. No.	Code No.	Description ; Specification	Remark	Level	Loc. No.	Code No.	Description ; Specification	Remark	
3	J524	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		3	IC504	BH99-00038E	ASSY HEAT/SINK;TDA2030,AMP;HERCULES,BH62		
3	J525	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4		0205-001027	OIL-SILICON;G746		
3	J528	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4		1201-000010	IC-OP AMP;2030,PENTAWATT,5P,-,SINGLE,-,C		
3	J529	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4		BH61-00004A	SPRING TR,SUS304,W1,ZH,T0.4,WV3.5		
3	J530	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4		BH62-00041A	HEAT SINK-TR;		
3	J532	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		2	A/MAIN	AA94-12679A	ASSY PCB MAIN;CT-34A10HR,K55A		
3	J533	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		3	Q404	0505-001723	FET-SILICON;FQP630TSTU,N,200V,9A,0.40HM,		
3	J534	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		3	Q402	0505-001116	FET-SILICON;BUZ73A,N,200V,22A,0.6ohm,40W		
3	J536	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		△	3	PC801S	0604-001038	PHOTOCOUPLER;TR,130-260%,200MW	
3	J537	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		3	IC902	1103-001177	IC-EEPROM;24VC16,2048x8bit,DIP8P2.5V		
3	J539	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		△	3	IC401	1202-000103	IC-VOLTAGECOMP;393,DIP8P300MIL,DUAL	
3	J541	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		△	3	IC402	1203-000243	IC-POS.FIXEDREG.;7812,T0-220,	
3	JF01	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		△	3	IC803	1203-001225	IC-POS.FIXEDREG.;78R09,T0-220,4P,-,PLA	
3	R571	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		3	IC202	1203-001944	IC-POS.FIXEDREG.;78RM33,T0-220,3PPLAST		
3	SG501	4715-000106	SURGEABSORBER;300V,-,-,CHIP		3	IC903	1203-001944	IC-POS.FIXEDREG.;78RM33,T0-220,3PPLAST		
3	SG503	4715-000106	SURGEABSORBER;300V,-,-,CHIP		3	IC601	1204-001967	IC-SOUND PROCESSOR;MSP3420G-P0-B8,DIP;52		
3	SG504	4715-000106	SURGEABSORBER;300V,-,-,CHIP		△	3	NT802S	1404-001045	THERMISTOR NTC;4.7OHM,15%,290K,35.0MW,T	
3	EL531	AA60-40011B	EYELET;-;ID2.2,OD3.2,-,-,BSP		△	3	PT801S	1404-001154	THERMISTOR-PTC;4.5OHM,+30%/-20%,220V,270	
3	EL532	AA60-40011B	EYELET;-;ID2.2,OD3.2,-,-,BSP		△	3	CY801S	2201-002002	C-CERAMIC,DISC;4700PF,20%,400V	
3	EL533	AA60-40011B	EYELET;-;ID2.2,OD3.2,-,-,BSP		3	C423	2306-000272	C-FILM,MPPF;820nF5%,400V,BK,29x25.5x18.		
3	EL534	AA60-40011B	EYELET;-;ID2.2,OD3.2,-,-,BSP		△	3	CR405S	2301-001343	C-FILM,MPPF;3.9nF5%,2KV,TP29x9.5x16mm,	
3	EL535	AA60-40011B	EYELET;-;ID2.2,OD3.2,-,-,BSP		△	3	CR406S	2301-001343	C-FILM,MPPF;3.9nF5%,2KV,TP29x9.5x16mm,	
3	EL536	AA60-40011B	EYELET;-;ID2.2,OD3.2,-,-,BSP		△	3	CR407S	2301-001398	C-FILM,MPPF;3.3nF5%,2KV,TP29x8.5x15mm	
3	EL80	AA60-40011B	EYELET;-;ID2.2,OD3.2,-,-,BSP		3	C806	2306-000112	C-FILM,MPPF;100NF20%,250V,-,1		
3	EL81	AA60-40011B	EYELET;-;ID2.2,OD3.2,-,-,BSP		3	C426	2306-000205	C-FILM,MPPF;430nF5%,400V,BK,26x21.5x14.		
3	EL82	AA60-40011B	EYELET;-;ID2.2,OD3.2,-,-,BSP		△	3	CX801S	2306-000318	C-FILM,MPPF;220NF20%,250V,-,2	
3	EL83	AA60-40011B	EYELET;-;ID2.2,OD3.2,-,-,BSP		△	3	CX802S	2306-000318	C-FILM,MPPF;220NF20%,250V,-,2	
3	EL84	AA60-40011B	EYELET;-;ID2.2,OD3.2,-,-,BSP		3	C815	2401-000822	C-ELECTROLYTIC;CE04W200V220U-H		
3	EL85	AA60-40011B	EYELET;-;ID2.2,OD3.2,-,-,BSP		3	C803	2401-001676	C-AL;820uF,20%,250V,GP,-,35x40mm,10		
3	EL86	AA60-40011B	EYELET;-;ID2.2,OD3.2,-,-,BSP		3	C820	2401-003419	C-AL;2200uF,20%,50V,WT,TP,16X35.5mm		
3	EL87	AA60-40011B	EYELET;-;ID2.2,OD3.2,-,-,BSP		△	3	RL801S	3501-001053	RELAY-POWER;5Vdc,530mW,10A,1FormA,15mS,5	
3	EL88	AA60-40011B	EYELET;-;ID2.2,OD3.2,-,-,BSP		△	3	FP801S	3601-000293	FUSE-CARTRIDGE;250V/5A,SLOW-BLOW,GLASS,5	
3	EL89	AA60-40011B	EYELET;-;ID2.2,OD3.2,-,-,BSP		3	CN905	3711-002642	POST-HEADER;67094-003(AUTO)		
3	EY91	AA60-40011A	EYELET;-;ID2.0,OD2.8,-,-,BST		3	CN302	3711-002642	POST-HEADER;67094-003(AUTO)		
3	0	AA41-00639F	PCB CRT;VTF-32Z7,FR-1,1,00,1.6,330X197,K5		3	CN601	3711-002644	POST-HEADER;67094-005(AUTO)		
3	GT501	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO		3	CN901	3711-002645	POST-HEADER;67094-006(AUTO)		
3	GT502	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO		3	CN502	3711-002647	POST-HEADER;67094-008(AUTO)		
3	GT503	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO		3	CN902	3711-003043	CONNECTOR-HEADER;BOX,4P,1R,2.5mm,STRAIGH		
3	GT504	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO		3	JA701	3722-001765	JACK-PIN;9P(9P)-,NI,YEL/GRN/VHT/BLU/RED		
3	GT505	AA60-40014A	PIN-GT,ASSY;1P,-,-,AUTO		3	JA702	3722-001766	JACK-PIN;7P(9P)-,NI,GN/VH/VH/BL/RED/R		
3	FV1	3711-002642	POST-HEADER;67094-003(AUTO)		3	IC901	AA09-00041A	IC-MCU;SDA555X-OTP;SDA555X-OTP,-,52		
3	CNC03	3711-002642	POST-HEADER;67094-003(AUTO)		3	HIC401	AA13-00094A	IC HYBRID;-;DDR1001A,SIP5P,-,TP		
3	FN1	3711-002643	POST-HEADER;YW025-04(AUTO)		△	3	T801S	AA26-00010A	TRANS-SWITCHING;EER5345,HERCULES,90-264V	
3	IC505	1203-000165	IC-POS.ADJ,JUSTREG.;78R12,T0-22		△	3	T444S	AA26-00180A	TRANS FBT,FUJ-34H002F,FUJ-34H002F,135V,3	
3	C526	2201-000173	C-CERAMIC,DISC;10nF,10%,500V,Y5PBK,16x4		△	3	T401	AA26-50001S	TRANS-HORIZ.DRIVE,-,-,6.0mH,-,-,44uH,-	
3	C530	2201-000173	C-CERAMIC,DISC;10nF,10%,500V,Y5PBK,16x4		△	3	LR403S	AA27-00022A	COIL-LINEARLITY;-;7.5uH,YL81 DR15X18 C;6	
3	C531	2201-000173	C-CERAMIC,DISC;10nF,10%,500V,Y5PBK,16x4		△	3	LR405S	AA27-00096A	COIL HORIZ. WIDTH;-;10.0mH,DR15 X 27.5,U	
3	C541	2201-000173	C-CERAMIC,DISC;10nF,10%,500V,Y5PBK,16x4		3	L808	AA27-00098A	COIL CHOKE;-;24uH,10%,-,0.1,3.0A,DR10X		
3	C522	2201-000723	C-CERAMIC,DISC;4.7nF,20%,3KV,Y5U,TP,16x5		△	3	LR402S	AA27-10004F	COIL-CHOKE;-;56uH,K,-,2.5A,BK,-,DR12x15	
3	C535	2306-000272	C-FILM,MPPF;820nF5%,400V,BK,29x25.5x18.		△	3	LR404S	AA27-40003P	COIL-HORIZ.WIDTH;-;120uH/180uH,Th8x20,US	
△	V999S	3704-001032	SOCKET-CRT;8P,29P,35.5P,1AU30U		△	3	LX801S	AA29-00011A	FILTER LINE NOISE;CZ32W8,-,0.20MAX,1.5KV	
3	CNC01	3711-003974	CONNECTOR-HEADER;BOX,12P,1R,2.5mm,STRAIG		△	3	LX802S	AA29-00012A	FILTER LINE NOISE;CS29A6PFX/HAC,-,0.1MA	
3	SC01	3722-001503	JACK-PIN;1P,1P,NI,RED,SCR-JACK		△	3	GT804S	AA39-20010B	LEAD-CONNECTOR,ASSY;-;YFH800-01,500MM,1P	
3	CNW01	AA39-00088A	LEAD CONNECTOR-ASSY;HERCULES,UL1007/1185		△	3	TU01S	AA40-00020A	TUNER-F/S;TCLN3181PA09A(S),NTSC,TR,181CH	
3	GT501	AA39-00341A	LEAD CONNECTOR;K55A(WT-32Z4HD),UL1015#18		3	H/COVE	AA61-00707B	HOLDER-COVER;ALL MODEL,NYLON-66 T1.0 VZ,		
△	GT503S	AA39-20010B	LEAD-CONNECTOR,ASSY;-;YFH800-01,500MM,1P		3	MD201	AA95-03065A	ASSY SUB-PCB NTSC F-BOX;DP,AA95-02001J,		
3	CNC03W	AA39-20016D	LEAD-CONNECTOR,ASSY;-;67096-003,S,3P;500		△	3	IC805	AA96-00243K	ASSY H/S;-;REGULATOR,AA62-00045A,KA78R0	
3	CNC02A	AA39-20068B	LEAD CONNECTOR-ASSY;-;8PYBNH025-08,67096		4		0205-000129	GREASE-SILICON;SC102,JAPAN		
3	BAND	AA63-10002A	BAND-TIE;-;NYLON66V2,-,-,L100,NTR,-,-		4		1203-001006	IC-VOLTAGEREGULATOR;78R05,T0-220F,4P		
3	QF10	AA96-00243L	ASSY H/S;-;CRTAA62-00045A,2SC2344,HERC		4		6003-000335	SCREW-TAPTITE;RH,+2S,M3,L8,ZPC(YEL),SWR		
4		0205-000129	GREASE-SILICON;SC102,JAPAN		4		AA62-00045A	HEAT SINK-PS;-;T1.0,-,-,DREAM,-,-,-,-		
4		0502-000153	TR-POWER;2SC2344-D,NPN,180V,16		4	HC401	BP96-00159A	ASSY HEAT SINK P/H/S;SCREW,FUL6920,FMP-3		
4		6003-000335	SCREW-TAPTITE;RH,+2S,M3,L8,ZPC(YEL),SWR		4		0205-001027	OIL-SILICON;G746		
4		AA62-00045A	HEAT SINK-PS;-;T1.0,-,-,DREAM,-,-,-,-		4		0402-001296	DIODE-RECTIFIER;FMP-3FU,1500V,5A,T0-3PF		
3	QF09	AA96-00243M	ASSY H/S;-;AMPA62-00045A,2SA1011,HERC		4		0502-001230	TR-POWER;FUL6920YDTU,N,200000MMV,T0-264 F		
4		0205-000129	GREASE-SILICON;SC102,JAPAN		4		6003-000333	SCREW-TAPTITE;RH,+2S,M3,L10,ZPC(YEL),SW		
4		0502-000131	TR-POWER;2SA1011-D,NPN,180V,-		4		AA60-30001A	WASHER-PLATE;-;M3,ID3.5,15X8.5,T1.0,-,SB		
4		6003-000335	SCREW-TAPTITE;RH,+2S,M3,L8,ZPC(YEL),SWR		4		BH73-00028B	SILICON/RUBBER-HS;TV ALL,SILICON,26*30*T		
4		AA62-00045A	HEAT SINK-PS;-;T1.0,-,-,DREAM,-,-,-,-		4		BP62-00015A	HEAT SINK-PS;WT-36Z4HR,A1050S,T2.0,86,80		
3	IC501	AA96-50389B	ASSY H/S;-;VIDEO AMPAA62-30185A,TDA6120		△	3	D801S	AA96-00276C	ASSY H/S;-;BRIDGE,AA62-00052A,GSIB660,	
3	IC502	AA96-50389B	ASSY H/S;-;VIDEO AMPAA62-30185A,TDA6120		4		0205-000129	GREASE-SILICON;SC102,JAPAN		
3	IC503	AA96-50389B	ASSY H/S;-;VIDEO AMPAA62-30185A,TDA6120		4		0402-001399	DIODE-BRIDGE;GSIB660,600V/6A,SIP,4,BK		
4		0205-000129	GREASE-SILICON;SC102,JAPAN		4		6003-000335	SCREW-TAPTITE;RH,+2S,M3,L8,ZPC(YEL),SWR		
4		1201-001588	IC-VIDEO AMP;6120,ZSIP,1P;173MIL,SINGLE		4		AA60-30003A	WASHER,-,-,-,T1.5,-,SBHG-1		
4		6003-000334	SCREW-TAPTITE;RH,+2S,M3,L6,ZP		4		AA62-00052A	HEAT SINK-PS;-;SILVER,HOLE 18.5mm, 2		
4		AA61-10162A	BRACKET-IC;-;SBHG-1,T1.0,-,-,-		3	IC602	AA96-50369D	ASSY H/S;-;SOUND,AA62-30181F,TDA7269,HER		
4		AA62-30185A	HEAT-SINK,PS;-;CUS-1 1/2H,T1.0,YEL,33*20		4		0205-000129	GREASE-SILICON;SC102,JAPAN		

Electrical Parts List

Level	Loc. No.	Code No.	Description ; Specification	Remark	Level	Loc. No.	Code No.	Description ; Specification	Remark
	4	1201-001385	IC-POWER AMP;7269A,ZIP11,19.6,DUAL,13,P		△ 4	DZ801S	0403-001321	DIODE-ZENER;MTZJ6.8C,6.66-7.01V,500mW,DO	
	4	6003-000333	SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SV		4	DZ602	0403-001322	DIODE-ZENER;MTZJ8.2B,7.78-8.19V,500mW,DO	
	4	AA62-30181F	HEAT-SINK;ES,-,AL6063 EXTR.,2,WHT,50MM,-		4	DZ801	0403-001322	DIODE-ZENER;MTZJ8.2B,7.78-8.19V,500mW,DO	
△ 3	IC801S	AA96-50371H	ASSY H/S,-,SMPS,AA62-30181H,5Q1565RF,HER		4	DZ401	0403-001325	DIODE-ZENER;MTZJ15C,14.35-15.09V,500mW,DO	
	4	0205-000129	GREASE-SILICON;SC102,JAPAN		4	DZ803	0403-001327	DIODE-ZENER;MTZJ18A,16.22-17.06V,500mW,DO	
	4	1203-002512	IC-PWM CONTROLLER;KA5Q1565RF-YDTU,TO-3PF		4	DZ302	0403-001329	DIODE-ZENER;MTZJ24B,22.61-23.77V,500mW,DO	
	4	6003-000333	SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SV		4	DZ303	0403-001329	DIODE-ZENER;MTZJ24B,22.61-23.77V,500mW,DO	
	4	AA61-11028A	BRACKET-IC;SECC,T1.0,-		4	DZ305	0403-001329	DIODE-ZENER;MTZJ24B,22.61-23.77V,500mW,DO	
	4	AA62-30181H	HEATSINK-ES,-,AL6063EXTR.,2,WHT,50MM,-		4	DZ807	0403-001330	DIODE-ZENER;MTZJ30A,26.99-28.39V,500mW,DO	
3	IC301	AA96-50381A	ASSY-H/S,-,AA62-30180B,LA7845,-		4	D902	0404-000156	DIODE-SCHOTTKY;RB441Q,10V,100MA,DO-34,TP	
	4	0205-000129	GREASE-SILICON;SC102,JAPAN		4	D903	0404-000156	DIODE-SCHOTTKY;RB441Q,10V,100MA,DO-34,TP	
	4	1204-000517	IC-LINEAR;LA7845SIPVERTICALAMP		4	D904	0404-000156	DIODE-SCHOTTKY;RB441Q,10V,100MA,DO-34,TP	
	4	6003-000333	SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SV		4	D406	0404-001056	DIODE-SCHOTTKY;RK16,60V,1.5A,DO-204AC,TP	
	4	AA62-30180B	HEAT-SINK;ES,-,A6063 EXTR.,2,WHT,70MM,-		△ 4	QR01S	0501-000283	TRANSISTOR;KSA539-Y(TAPG)/YTAM	
3	Q804	BH99-00007S	ASSY HEAT/SINK;KSC2073,MICOM,HERCULES,BH		4	Q802	0501-000369	TRANSISTOR;KSC2331-Y(TAPG)	
4	CIS	0205-001027	OIL-SILICON;G746		4	Q601	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
4	CIS	0502-001007	TR-POWER;KSC2073-H2,NPN,150V,1		4	Q603	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
4	CIS	BH61-00004A	SPRING TR;SUS304,W1/2H,TO.4,W3.5		4	Q801	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
4	CIS	BH62-00007A	HEAT SINK TR T1.0,L20*H30 CDA		4	Q803	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
3	L/PQS	AA68-01018A	LABEL-PQS,-,50mmX,13,-,WHITE,-		4	Q901	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
△ 3	PWR/AC	AA96-00156F	ASSY POWER CORD;EP2/YES(US),H/S 300mm,KJ		4	Q906	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
4	WPCV	3811-000401	WIRE-VINYLU/C,1007-10#22(S)-BLK		4	Q907	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
4	PWCORD	AA39-10007Y	POWER-CORD,-,EP2/YES,SPT-2 18AWG;X2C,2.4m		4	Q908	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
4	HOLD	AA61-20284A	HOLDER P CORD;PPVO,BLK,KE-002		4	Q911	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
4	B-T	AA63-10002B	BAND-TIE,-,NYLON66V2,-,L140,NTR,-		4	Q912	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
4	CORE1	3301-001201	CORE-FERRITE;AE,Z30.5x10.25x36mm,1500,28		4	Q913	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
3		0202-000008	SOLDER-WIRE;S63S-D3.0,S63A,D3.63/37		4	Q914	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
3		0202-000187	SOLDER-WIREFLUX;-,RS60S,D1.2,6		△ 4	QR02S	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
3		0204-000442	SOLVENT;CH3-CHSH-CH396%IM-1000		4	Q915	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
3		0204-001024	FLUX;DF-96TVS,-,20%,-		4	Q805	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
3	C408	2301-001143	C-FILM,PPF,56nF5%,400V,TP,20x10x17,7.5		4	Q909	0505-000109	FET-SILICON;2N7000,N,60V,200mA,5ohm,400	
3	X601	2801-004020	CRYSTAL-UNIT;18.432MHz,30ppm,28-AAAM,12pF		4	Q910	0505-000109	FET-SILICON;2N7000,N,60V,200mA,5ohm,400	
3	A/AUTO	AA97-13900A	ASSY AUTO-MAIN;1		4	IC804	1203-001217	IC-POST,ADJUSTREG;431,TO-92,3P4.58MIL,P	
4	D201	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING		4	IC904	1203-001943	IC-VOL.DETECTOR;7025,TO-92,3P,PLASTIC	
4	D202	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING		△ 4	VP801S	1405-000187	VARISTOR;750V,1250A,12.5x7mm,TP	
4	D207	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING		△ 4	VX801S	1405-000187	VARISTOR;750V,1250A,12.5x7mm,TP	
4	D405	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING		4	R303	2001-000016	R-CARBON(S);10KOHM,5%,1/2W,AA,TP	
4	D410	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING		4	R801	2001-000019	R-CARBON(S);10ohm,5%,1/2W,AA,TP,2.4x6.4mm	
4	D603	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING		4	R411	2001-000028	R-CARBON(S);100OHM,5%,1/2W,AB,	
4	D604	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING		4	R317	2001-000066	R-CARBON(S);10KOHM,5%,1/2W,AA,	
△ 4	D805	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING		4	R810	2001-000109	R-CARBON(S);4700OHM,5%,1/2W,AA,	
4	DZ402	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING		4	R624	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP	
4	D403	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41		4	R631	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP	
4	D607	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41		4	R822	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP	
△ 4	D808	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41		4	R102	2001-000281	R-CARBON;1000OHM,5%,1/8W,AA,TP	
4	D907	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41		4	R103	2001-000281	R-CARBON;1000OHM,5%,1/8W,AA,TP	
4	D409	0402-000493	DIODE-RECTIFIER;1R5GU41,400V,1		4	R203	2001-000281	R-CARBON;1000OHM,5%,1/8W,AA,TP	
4	D402	0402-000534	DIODE-RECTIFIER;RG10V,400V,1.5		4	R204	2001-000281	R-CARBON;1000OHM,5%,1/8W,AA,TP	
4	D404	0402-000534	DIODE-RECTIFIER;RG10V,400V,1.5		4	R604	2001-000281	R-CARBON;1000OHM,5%,1/8W,AA,TP	
4	D411	0402-000534	DIODE-RECTIFIER;RG10V,400V,1.5		4	R605	2001-000281	R-CARBON;1000OHM,5%,1/8W,AA,TP	
△ 4	DR01S	0402-000534	DIODE-RECTIFIER;RG10V,400V,1.5		4	R612	2001-000281	R-CARBON;1000OHM,5%,1/8W,AA,TP	
4	D408	0402-000534	DIODE-RECTIFIER;RG10V,400V,1.5		4	R613	2001-000281	R-CARBON;1000OHM,5%,1/8W,AA,TP	
4	D401	0402-000540	DIODE-RECTIFIER;RU20A,600V,1.5		4	R915	2001-000281	R-CARBON;1000OHM,5%,1/8W,AA,TP	
△ 4	D801	0402-000540	DIODE-RECTIFIER;RU20A,600V,1.5		4	R916	2001-000281	R-CARBON;1000OHM,5%,1/8W,AA,TP	
4	D301	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.		4	R917	2001-000281	R-CARBON;1000OHM,5%,1/8W,AA,TP	
△ 4	D803	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.		4	R925	2001-000281	R-CARBON;1000OHM,5%,1/8W,AA,TP	
△ 4	D804	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.		4	R940	2001-000281	R-CARBON;1000OHM,5%,1/8W,AA,TP	
△ 4	D816	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.		4	R941	2001-000281	R-CARBON;1000OHM,5%,1/8W,AA,TP	
4	DZ404	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500		4	R942	2001-000281	R-CARBON;1000OHM,5%,1/8W,AA,TP	
4	DZ601	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500		4	R948	2001-000281	R-CARBON;1000OHM,5%,1/8W,AA,TP	
4	DZ603	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500		4	R950	2001-000281	R-CARBON;1000OHM,5%,1/8W,AA,TP	
4	DZ605	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500		4	R951	2001-000281	R-CARBON;1000OHM,5%,1/8W,AA,TP	
4	DZ808	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500		4	R954	2001-000281	R-CARBON;1000OHM,5%,1/8W,AA,TP	
4	DZ902	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500		4	R955	2001-000281	R-CARBON;1000OHM,5%,1/8W,AA,TP	
4	DZ903	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500		4	R968	2001-000281	R-CARBON;1000OHM,5%,1/8W,AA,TP	
4	DZ907	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500		4	R309	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP	
4	DZ908	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500		4	R310	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP	
4	DZ909	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500		4	R606	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP	
4	DZ910	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500		4	R628	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP	
4	DZ901	0403-000510	DIODE-ZENER;MTZJ6.2B,6.2V,5.96-6.27V,500		4	R630	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP	
4	DZ306	0403-000700	DIODE-ZENER;TZP33A,33V,31-35V,		4	R632	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP	
4	DZ804	0403-000700	DIODE-ZENER;TZP33A,33V,31-35V,		4	R935	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP	
4	DZ802	0403-000716	DIODE-ZENER;MTZJ4.7B,4.7V,4.55-4.8V,500m		4	R967	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP	
4	DZ307	0403-001118	DIODE-ZENER;MTZ30A,26.99-28.39		4	R973	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP	
4	DZ304	0403-001221	DIODE-ZENER;UZ39BSB,35.36-37.19V,500MW,DO		△ 4	RR10S	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP	
4	DZ806	0403-001317	DIODE-ZENER;MTZJ3.0B,3.01-3.22V,500mW,DO		4	R824	2001-000319	R-CARBON;120KOHM,5%,1/8W,AA,TP,1.8X3.2MM	

Level	Loc. No.	Code No.	Description ; Specification	Remark	Level	Loc. No.	Code No.	Description ; Specification	Remark
	4	R603	2001-000429 R-CARBON;1Kohm,5%,1/8W,AA,TP;1.8x3.2mm		4	R627	2001-001088 R-CARBON(S);1KOHM,5%,1/2W,AA,TP;2.4X6.4		
	4	R816	2001-000429 R-CARBON;1Kohm,5%,1/8W,AA,TP;1.8x3.2mm		4	D601	2001-001093 R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP;2.4X6		
	4	R817	2001-000429 R-CARBON;1Kohm,5%,1/8W,AA,TP;1.8x3.2mm		4	D602	2001-001093 R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP;2.4X6		
	4	R902	2001-000429 R-CARBON;1Kohm,5%,1/8W,AA,TP;1.8x3.2mm		4	D605	2001-001093 R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP;2.4X6		
	4	R914	2001-000429 R-CARBON;1Kohm,5%,1/8W,AA,TP;1.8x3.2mm		4	D606	2001-001093 R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP;2.4X6		
	4	R924	2001-000429 R-CARBON;1Kohm,5%,1/8W,AA,TP;1.8x3.2mm		4	R314	2001-001093 R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP;2.4X6		
	4	R936	2001-000429 R-CARBON;1Kohm,5%,1/8W,AA,TP;1.8x3.2mm		4	R315	2001-001093 R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP;2.4X6		
	4	R963	2001-000429 R-CARBON;1Kohm,5%,1/8W,AA,TP;1.8x3.2mm		4	R820	2001-001096 R-CARBON(S);2.20HM,5%,1/2W,AA		
	4	R972	2001-000429 R-CARBON;1Kohm,5%,1/8W,AA,TP;1.8x3.2mm		△	RR05S	2001-001103 R-CARBON(S);20KOHM,5%,1/2W,AA,TP;2.4X6.4		
△	4	R974	2001-000429 R-CARBON;1Kohm,5%,1/8W,AA,TP;1.8x3.2mm		4	R418	2001-001107 R-CARBON(S);2200HM,5%,1/2W,AA		
	4	RR08S	2001-000429 R-CARBON;1Kohm,5%,1/8W,AA,TP;1.8x3.2mm		4	R440	2001-001112 R-CARBON(S);24KOHM,5%,1/2W,AA		
	4	R833	2001-000449 R-CARBON;2.2KOHM,5%,1/8W,AA,TP		4	R316	2001-001129 R-CARBON(S);330KOHM,5%,1/2W		
	4	R912	2001-000449 R-CARBON;2.2KOHM,5%,1/8W,AA,TP		4	R818	2001-001131 R-CARBON(S);33KOHM,5%,1/2W,AA		
	4	R981	2001-000515 R-CARBON;2200HM,5%,1/8W,AA,TP		4	R634	2001-001146 R-CARBON(S);4.70HM,5%,1/2W,AA		
	4	R982	2001-000515 R-CARBON;2200HM,5%,1/8W,AA,TP		4	R635	2001-001146 R-CARBON(S);4.70HM,5%,1/2W,AA		
	4	R983	2001-000515 R-CARBON;2200HM,5%,1/8W,AA,TP		△	RR02S	2001-001149 R-CARBON(S);43KOHM,5%,1/2W,AA		
	4	R984	2001-000515 R-CARBON;2200HM,5%,1/8W,AA,TP		4	R805	2001-001150 R-CARBON(S);470KOHM,5%,1/2W,AA		
	4	R629	2001-000522 R-CARBON;22KOHM,5%,1/8W,AA,TP		4	R806	2001-001150 R-CARBON(S);470KOHM,5%,1/2W,AA		
	4	R823	2001-000522 R-CARBON;22KOHM,5%,1/8W,AA,TP		4	R301	2001-001163 R-CARBON(S);5600HM,5%,1/2W,AA		
	4	R937	2001-000522 R-CARBON;22KOHM,5%,1/8W,AA,TP		4	R432	2001-001164 R-CARBON(S);56KOHM,5%,1/2W,AA		
	4	R953	2001-000522 R-CARBON;22KOHM,5%,1/8W,AA,TP		4	R811	2001-001188 R-CARBON(S);8.2KOHM,5%,1/2W,AA,TP;2.4X6		
	4	R961	2001-000522 R-CARBON;22KOHM,5%,1/8W,AA,TP		4	R808	2001-001197 R-CARBON(S);9100HM,5%,1/2W,AB,TP;2.4X6.4		
	4	R952	2001-000613 R-CARBON;3.9KOHM,5%,1/8W,AA,TP		△	RP802S	2002-001010 R-COMPOSITION;1.8MOHM,5%,1/2W,AA,TP;3.7X		
	4	R911	2001-000628 R-CARBON;3000HM,5%,1/8W,AA,TP		△	RY801S	2002-001012 R-COMPOSITION;8.2MOhm,5%,1/2W,AA,TP;3.7X		
	4	R623	2001-000660 R-CARBON;33KOHM,5%,1/8W,AA,TP		4	R426	2003-000540 R-METALOXIDE(S);1KOHM,5%,2W,AD		
	4	R633	2001-000660 R-CARBON;33KOHM,5%,1/8W,AA,TP		4	R433	2003-000540 R-METALOXIDE(S);1KOHM,5%,2W,AD		
	4	R105	2001-000702 R-CARBON;39KOHM,5%,1/8W,AA,TP		4	R802	2003-000586 R-METALOXIDE(S);22KOHM,5%,2WA		
	4	R617	2001-000734 R-CARBON;4.7KOHM,5%,1/8W,AA,TP		4	R803	2003-000586 R-METALOXIDE(S);22KOHM,5%,2WA		
	4	R618	2001-000734 R-CARBON;4.7KOHM,5%,1/8W,AA,TP		4	R804	2003-000586 R-METALOXIDE(S);22KOHM,5%,2WA		
	4	R842	2001-000734 R-CARBON;4.7KOHM,5%,1/8W,AA,TP		4	R412	2003-000592 R-METALOXIDE(S);220HM,5%,2W,AD		
	4	R901	2001-000734 R-CARBON;4.7KOHM,5%,1/8W,AA,TP		4	R403	2003-000664 R-METAL OXIDE(S);330HM,5%,2W,AF,TP;4X12M		
	4	R903	2001-000734 R-CARBON;4.7KOHM,5%,1/8W,AA,TP		4	R409	2003-000998 R-METALOXIDE;3000HM,5%,2W,AF,T		
	4	R904	2001-000734 R-CARBON;4.7KOHM,5%,1/8W,AA,TP		4	R410	2003-000998 R-METALOXIDE;3000HM,5%,2W,AF,T		
	4	R905	2001-000734 R-CARBON;4.7KOHM,5%,1/8W,AA,TP		4	R401	2003-001025 R-METALOXIDE(S);15KOHM,5%,2WA		
	4	R906	2001-000734 R-CARBON;4.7KOHM,5%,1/8W,AA,TP		4	R402	2003-001025 R-METALOXIDE(S);15KOHM,5%,2WA		
	4	R908	2001-000734 R-CARBON;4.7KOHM,5%,1/8W,AA,TP		4	R416	2003-001025 R-METALOXIDE(S);15KOHM,5%,2WA		
	4	R909	2001-000734 R-CARBON;4.7KOHM,5%,1/8W,AA,TP		4	R435	2003-000995 R-METAL OXIDE(S);3.3Kohm,5%,2W,AF,TP;3.9		
	4	R921	2001-000734 R-CARBON;4.7KOHM,5%,1/8W,AA,TP		4	R830	2003-002157 R-METAL OXIDE;2200HM,5%,2W,AG,TP;6X16MM		
	4	R927	2001-000734 R-CARBON;4.7KOHM,5%,1/8W,AA,TP		4	R835	2003-002181 R-METAL OXIDE(S);68Kohm,5%,2W,AG,TP;3.9x		
	4	R928	2001-000734 R-CARBON;4.7KOHM,5%,1/8W,AA,TP		4	R305	2003-002205 R-METAL OXIDE(S);330ohm,5%,2W,AG,TP;3.9X		
	4	R938	2001-000734 R-CARBON;4.7KOHM,5%,1/8W,AA,TP		4	R306	2003-002205 R-METAL OXIDE(S);330ohm,5%,2W,AG,TP;3.9X		
	4	R945	2001-000734 R-CARBON;4.7KOHM,5%,1/8W,AA,TP		4	R304	2003-002279 R-METAL OXIDE(S);1.2OHM,5%,2W,AG,TP;5.6X		
	4	R946	2001-000734 R-CARBON;4.7KOHM,5%,1/8W,AA,TP		4	R307	2003-002279 R-METAL OXIDE(S);1.2OHM,5%,2W,AG,TP;5.6X		
	4	R949	2001-000734 R-CARBON;4.7KOHM,5%,1/8W,AA,TP		4	R428	2004-000698 R-METAL;3.3KOHM,1%,1/4W,AA,TP		
	4	R965	2001-000734 R-CARBON;4.7KOHM,5%,1/8W,AA,TP		4	R302	2004-001369 R-METAL(S);1.2Kohm,1%,1/2W,AA,TP;2.4x6.4		
	4	R966	2001-000734 R-CARBON;4.7KOHM,5%,1/8W,AA,TP		4	R308	2004-001369 R-METAL(S);1.2Kohm,1%,1/2W,AA,TP;2.4x6.4		
	4	R988	2001-000734 R-CARBON;4.7KOHM,5%,1/8W,AA,TP		△	RR430S	2004-001390 R-METAL(S);1KOHM,2%,1/2W,AA,TP		
	4	R918	2001-000734 R-CARBON;4.7KOHM,5%,1/8W,AA,TP		△	RR03S	2004-001897 R-METAL(S);43.2KOHM,1%,1/2W,AA		
	4	R607	2001-000780 R-CARBON;470ohm,5%,1/8W,AA,TP;1.8x3.2mm		4	R819	2004-001983 R-METAL;2.49KOHM,1%,1/2W,AA,TP;2.4X6.4		
	4	R608	2001-000780 R-CARBON;470ohm,5%,1/8W,AA,TP;1.8x3.2mm		4	R415	2004-001983 R-METAL;2.49KOHM,1%,1/2W,AA,TP;2.4X6.4		
	4	R609	2001-000780 R-CARBON;470ohm,5%,1/8W,AA,TP;1.8x3.2mm		4	R423	2004-001983 R-METAL;2.49KOHM,1%,1/2W,AA,TP;2.4X6.4		
	4	R614	2001-000780 R-CARBON;470ohm,5%,1/8W,AA,TP;1.8x3.2mm		4	R821	2004-002015 R-METAL FILM;RM1/2T140K-F		
	4	R615	2001-000780 R-CARBON;470ohm,5%,1/8W,AA,TP;1.8x3.2mm		4	R430	2004-002016 R-METALFILM;RM1/2T(S)153-F15K		
	4	R616	2001-000780 R-CARBON;470ohm,5%,1/8W,AA,TP;1.8x3.2mm		4	R431	2004-002016 R-METALFILM;RM1/2T(S)153-F15K		
	4	R809	2001-000780 R-CARBON;470ohm,5%,1/8W,AA,TP;1.8x3.2mm		△	RR07S	2004-004029 R-METAL(S);10Kohm,1%,1/2W,AA,TP;2.5x6.5mm		
	4	R812	2001-000780 R-CARBON;470ohm,5%,1/8W,AA,TP;1.8x3.2mm		4	R414	2008-000253 R-FUSIBLE(S);0.470HM,5%,1W,AF		
	4	R813	2001-000780 R-CARBON;470ohm,5%,1/8W,AA,TP;1.8x3.2mm		△	RR01S	2008-000264 R-FUSIBLE(S);10HM,5%,1W,AF,TP		
	4	R919	2001-000780 R-CARBON;470ohm,5%,1/8W,AA,TP;1.8x3.2mm		4	R815	2008-000284 R-FUSIBLE(S);0.10HM,10%,2W,AF,TP;3.9X10M		
	4	R920	2001-000780 R-CARBON;470ohm,5%,1/8W,AA,TP;1.8x3.2mm		4	R827	2008-000284 R-FUSIBLE(S);0.10HM,10%,2W,AF,TP;3.9X10M		
	4	R958	2001-000780 R-CARBON;470ohm,5%,1/8W,AA,TP;1.8x3.2mm		4	R422	2008-001011 R-FUSIBLE(S);0.180HM,10%,2W,AF		
△	4	RR09S	2001-000780 R-CARBON;470ohm,5%,1/8W,AA,TP;1.8x3.2mm		4	R405	2008-001018 R-FUSIBLE(S);0.470HM,10%,2W,AF		
	4	R910	2001-000780 R-CARBON;470ohm,5%,1/8W,AA,TP;1.8x3.2mm		4	R413	2008-001018 R-FUSIBLE(S);0.470HM,10%,2W,AF		
	4	R960	2001-000786 R-CARBON;47KOHM,5%,1/8W,AA,TP		4	R828	2008-001088 R-FUSIBLE(S);1ohm,5%,2W,AG,TP;3.9x12mm		
	4	R926	2001-000793 R-CARBON;470HM,5%,1/8W,AA,TP;1		4	R424	2008-001109 R-FUSIBLE(S);0.18ohm,10%,2W,AG,TP;3.9x12		
	4	R841	2001-000812 R-CARBON;5.6Kohm,5%,1/8W,AA,TP;1.8x3.2mm		4	R425	2008-001109 R-FUSIBLE(S);0.18ohm,10%,2W,AG,TP;3.9x12		
	4	R106	2001-000864 R-CARBON;56Kohm,5%,1/8W,AA,TP;1.8x3.2mm		4	R829	2008-001148 R-FUSIBLE;3.30HM,5%,1W,AG,TP;3.9X12MM		
	4	R101	2001-000869 R-CARBON;560HM,5%,1/8W,AA,TP;1		4	C303	2201-000132 C-CERAMIC,DISC;100PF;10%,500V,Y5P6X3MM,		
△	4	RR04S	2001-000908 R-CARBON ;62Kohm,5%,1/8W,AA,TP;1.8x3.2mm		4	C424	2201-000132 C-CERAMIC,DISC;100PF;10%,500V,Y5P6X3MM,		
	4	R922	2001-000924 R-CARBON;680ohm,5%,1/8W,AA,TP;1.8x3.2mm		4	C405	2201-000259 C-CERAMIC,DISC;180PF;10%,500V,Y5P6X4MM,		
	4	R913	2001-001015 R-CARBON;9.1Kohm,5%,1/8W,AA,TP;1.8x3.2m		4	C656	2201-000304 C-CERAMIC,DISC0.001nF,0.25pF;50V,NP0,TP		
△	4	RR06S	2001-000977 R-CARBON;8.2Kohm,5%,1/8W,AA,TP;1.8x3.2m		4	C657	2201-000304 C-CERAMIC,DISC0.001nF,0.25pF;50V,NP0,TP		
	4	R907	2001-000995 R-CARBON;8200HM,5%,1/8W,AA,TP		4	C804	2201-000332 C-CERAMIC,AC;CK45PTAPGE250V222		
△	4	L401	2001-001037 R-CARBON(S);0.390HM,5%,1/2W,AA		4	C805	2201-000332 C-CERAMIC,AC;CK45PTAPGE250V222		
	4	R838	2001-001050 R-CARBON(S);1.5KOHM,5%,1/2W,AA,TP;2.4X6		4	C632	2201-000370 C-CERAMIC,DISC;220PF;10%,50V,Y5P,TP		
	4	R419	2001-001088 R-CARBON(S);1KOHM,5%,1/2W,AA,TP;2.4X6.4		4	C828	2201-000374 C-CERAMIC,DISC;220PF;5%,50V,CH,TP;12.5x3		
	4	R421	2001-001088 R-CARBON(S);1KOHM,5%,1/2W,AA,TP;2.4X6.4		4	C401	2201-000556 C-CERAMIC,DISC;470PF;10%,500V,		
	4	R626	2001-001088 R-CARBON(S);1KOHM,5%,1/2W,AA,TP;2.4X6.4		4	C403	2201-000556 C-CERAMIC,DISC;470PF;10%,500V,		

Level	Loc. No.	Code No.	Description ; Specification	Remark	Level	Loc. No.	Code No.	Description ; Specification	Remark
△	4	C421	2201-000556	C-CERAMIC,DISC;470PF;10%,500V,	4	C831	2305-000665	C-FILM;104J, 60V,5MM TAPING	
4	CR01S	2201-000556	C-CERAMIC,DISC;470PF;10%,500V,		4	C836	2305-000665	C-FILM;104J, 60V,5MM TAPING	
4	C601	2201-000558	C-CERAMIC,DISC;470PF;10%,50V,Y		4	C837	2305-000665	C-FILM;104J, 60V,5MM TAPING	
4	C817	2201-000599	C-CERAMIC,DISC;560PF;10%,500V,		4	C843	2305-000665	C-FILM;104J, 60V,5MM TAPING	
4	C819	2201-000599	C-CERAMIC,DISC;560PF;10%,500V,		4	C844	2305-000665	C-FILM;104J, 60V,5MM TAPING	
4	C822	2201-000599	C-CERAMIC,DISC;560PF;10%,500V,		4	C914	2305-000665	C-FILM;104J, 60V,5MM TAPING	
4	C654	2201-000611	C-CERAMIC,DISC;56PF;5%,50V,NPO		4	C916	2305-000665	C-FILM;104J, 60V,5MM TAPING	
4	C910	2201-000980	C-CERAMIC,DISC;30PF;5%,50V,NPO,5.0X3.0,5		4	C922	2305-000665	C-FILM;104J, 60V,5MM TAPING	
4	C911	2201-000980	C-CERAMIC,DISC;30PF;5%,50V,NPO,5.0X3.0,5		4	C923	2305-000665	C-FILM;104J, 60V,5MM TAPING	
4	C830	2201-000984	C-CERAMIC,DISC;680PF;10%,2KV,Y		4	C925	2305-000665	C-FILM;104J, 60V,5MM TAPING	
4	C814	2201-002028	C-CERAMIC,DISC;0.47nF;10%,2KV,Y5PT,7.5		4	C619	2401-002075	C-AL;4.7uF;20%,50V,GP,TP5x11,5mm	
4	C927	2202-000127	C-CERAMIC,MLC-AXIAL;10NF;+80-2		4	C620	2401-002075	C-AL;4.7uF;20%,50V,GP,TP5x11,5mm	
4	C109	2202-000216	C-CERAMIC,MLC-AXIAL;0.27NF;5%,50V,SL,TP		4	C621	2401-002075	C-AL;4.7uF;20%,50V,GP,TP5x11,5mm	
4	C110	2202-000216	C-CERAMIC,MLC-AXIAL;0.27NF;5%,50V,SL,TP		4	C626	2401-002075	C-AL;4.7uF;20%,50V,GP,TP5x11,5mm	
4	C627	2202-000231	C-CERAMIC,MLC-AXIAL;330PF;10%,50V,Y5P3.		4	C628	2401-002075	C-AL;4.7uF;20%,50V,GP,TP5x11,5mm	
4	C629	2202-000231	C-CERAMIC,MLC-AXIAL;330PF;10%,50V,Y5P3.		4	C640	2401-002075	C-AL;4.7uF;20%,50V,GP,TP5x11,5mm	
4	C633	2202-000231	C-CERAMIC,MLC-AXIAL;330PF;10%,50V,Y5P3.		4	C641	2401-002075	C-AL;4.7uF;20%,50V,GP,TP5x11,5mm	
4	C636	2202-000231	C-CERAMIC,MLC-AXIAL;330PF;10%,50V,Y5P3.		4	C643	2401-002075	C-AL;4.7uF;20%,50V,GP,TP5x11,5mm	
4	C637	2202-000231	C-CERAMIC,MLC-AXIAL;330PF;10%,50V,Y5P3.		4	C912	2401-002075	C-AL;4.7uF;20%,50V,GP,TP5x11,5mm	
4	C638	2202-000231	C-CERAMIC,MLC-AXIAL;330PF;10%,50V,Y5P3.		4	C414	2401-000039	C-ALUMINUM;1000UF;20%,16V,GP,10*16MM,EA	
4	C639	2202-000231	C-CERAMIC,MLC-AXIAL;330PF;10%,50V,Y5P3.		4	C644	2401-000192	C-ELEC;CE04-40/8550V1102-MW1SG	
4	C642	2202-000231	C-CERAMIC,MLC-AXIAL;330PF;10%,50V,Y5P3.		4	C648	2401-000192	C-ELEC;CE04-40/8550V1102-MW1SG	
4	C906	2202-000231	C-CERAMIC,MLC-AXIAL;330PF;10%,50V,Y5P3.		4	C816	2401-000262	C-AL;100UF;20%,160V,GP,16X25MM,5MM,	
4	C701	2202-000243	C-CERAMIC,MLC-AXIAL;33PF;5%,50		4	C801	2401-000287	C-AL;100UF;20%,16V,WT,6X11MM,5	
4	C647	2202-000286	C-CERAMIC,MLC-AXIAL;56PF;5%,50		4	C634	2401-000302	C-AL;100UF;20%,25V,GP,6X11MM,5	
4	C924	2202-000632	C-CERAMIC,MLC-AXIAL;100nF;20%,50V,Z5U,TP		4	C302	2401-000365	C-AL;100UF;20%,50V,WT,TP,10x12.5mm,	
4	C903	2202-000719	C-CERAMIC,MLC-AXIAL;6.8nF;20%,16V,Y5R,TP		4	C307	2401-000365	C-AL;100UF;20%,50V,WT,TP,10x12.5mm,	
4	C606	2202-000796	C-CERAMIC,MLC-AXIAL;1NF;10%,50		4	C904	2401-000471	C-AL;10UF;20%,50V,BP,6X11MM,5M	
4	C607	2202-000796	C-CERAMIC,MLC-AXIAL;1NF;10%,50		△	C106	2401-000480	C-AL;10UF;20%,50V,GP,5X11MM,5M	
4	C608	2202-000796	C-CERAMIC,MLC-AXIAL;1NF;10%,50		4	CR02S	2401-000480	C-AL;10UF;20%,50V,GP,5X11MM,5M	
4	C615	2202-000796	C-CERAMIC,MLC-AXIAL;1NF;10%,50		4	C413	2401-000493	C-AL;10UF;20%,50V,WT,5X11MM,5M	
4	C905	2202-000796	C-CERAMIC,MLC-AXIAL;1NF;10%,50		4	C832	2401-000493	C-AL;10UF;20%,50V,WT,5X11MM,5M	
4	C614	2202-000796	C-CERAMIC,MLC-AXIAL;1NF;10%,50		4	C918	2401-000493	C-AL;10UF;20%,50V,WT,5X11MM,5M	
4	C116	2202-002037	C-CERAMIC,MLC-AXIAL;100NF;+80-20		4	C604	2401-000603	C-AL;1UF;20%,50V,GP,5X11MM,5MM	
4	C901	2202-002037	C-CERAMIC,MLC-AXIAL;100NF;+80-20		4	C612	2401-000603	C-AL;1UF;20%,50V,GP,5X11MM,5MM	
4	C919	2202-002037	C-CERAMIC,MLC-AXIAL;100NF;+80-20		4	C613	2401-000611	C-AL;1UF;20%,50V,WT,5X11MM,5MM	
4	C921	2202-002037	C-CERAMIC,MLC-AXIAL;100NF;+80-20		4	C841	2401-000611	C-AL;1UF;20%,50V,WT,5X11MM,5MM	
4	C928	2202-002037	C-CERAMIC,MLC-AXIAL;100NF;+80-20		4	C818	2401-000722	C-AL;2200uF;20%,25V,WT,TP,16x25,7.5	
4	C649	2301-000108	C-FILM,PEF;1.5NF;5%,50V,6.5X3.0X5.5MM,5M		4	C835	2401-000722	C-AL;2200uF;20%,25V,WT,TP,16x25,7.5	
4	C306	2301-000160	C-FILM,PEF;12NF;5%,50V,11.0X6		4	C660	2401-000962	C-AL;22uF;20%,50V,GP,TP5x11.5	
4	C432	2301-000192	C-FILM,PEF;1NF;5%,50V,5.3X10MM		4	C802	2401-001026	C-AL;3.3UF;20%,50V,GP,5X11MM,5	
4	C610	2301-000192	C-FILM,PEF;1NF;5%,50V,5.3X10MM		4	C655	2401-001026	C-AL;3.3UF;20%,50V,GP,5X11MM,5	
4	C611	2301-000192	C-FILM,PEF;1NF;5%,50V,5.3X10MM		4	C650	2401-001192	C-AL;33UF;20%,50V,GP,6X11MM,5MM,TP	
4	C902	2301-000192	C-FILM,PEF;1NF;5%,50V,5.3X10MM		4	C402	2401-001397	C-AL;470UF;20%,25V,GP,10X16MM,	
4	C415	2301-000203	C-FILM,PEF;2.7NF;5%,100V,7X3.0X6.5MM,5MM		4	C838	2401-001513	C-AL;47UF;20%,16V,WT,5X11MM,5M	
4	C802	2301-000204	C-FILM,PEF;2.7NF;5%,50V,7.4X3		4	C840	2401-001513	C-AL;47UF;20%,16V,WT,5X11MM,5M	
4	C420	2301-000213	C-FILM,PEF;220NF;5%,250V,21.5X		4	C422	2401-001527	C-AL;47UF;20%,250V,HR,13X25MM,	
4	C809	2301-000224	C-FILM,PEF;22NF;5%,50V,7.4X3.9		4	C102	2401-000025	C-ALUMINUM;100uF;20%,16V,GP,TP6.3x11.5	
4	C821	2301-000224	C-FILM,PEF;22NF;5%,50V,7.4X3.9		4	C913	2401-000025	C-ALUMINUM;100uF;20%,16V,GP,TP6.3x11.5	
4	C411	2301-000342	C-FILM,PEF;2.2nF;5%,50V,TP7.4x3.9x13mm,		4	C915	2401-000025	C-ALUMINUM;100uF;20%,16V,GP,TP6.3x11.5	
4	C909	2301-000383	C-FILM,PEF;10nF;5%,50V,TP6x7x3.2mm,5mm		4	C917	2401-000025	C-ALUMINUM;100uF;20%,16V,GP,TP6.3x11.5	
4	C425	2301-001067	C-FILM,MPPF;82NF;5%,400V,TP19		4	C823	2401-000318	C-AL(105C);100UF;20%,25V,WT,8X	
4	C807	2303-000163	C-FILM,PPF;2.2NF;5%,800V,-,T		4	C653	2401-002216	C-AL;2200UF;20%,35V,-,16X25,7.	
4	C813	2303-000163	C-FILM,PPF;2.2NF;5%,800V,-,T		4	C207	2401-000050	C-AL;10UF;20%,16V,GP,TP5X11,2.5	
4	C409	2301-001385	C-FILM,PPF;30nF;5%,630V,TP20x15.5x10.5,		4	C239	2401-000050	C-AL;10UF;20%,16V,GP,TP5X11,2.5	
4	C305	2305-000149	C-FILM;CF922N100VT104-J-40/105		4	C603	2401-000050	C-AL;10UF;20%,16V,GP,TP5X11,2.5	
4	C304	2305-000285	C-FILM,MPEF;220NF;5%,100V,-,5M		4	C630	2401-000050	C-AL;10UF;20%,16V,GP,TP5X11,2.5	
4	C308	2305-000412	C-FILM,MPEF;470NF;5%,63V,-,5MM		4	C631	2401-000050	C-AL;10UF;20%,16V,GP,TP5X11,2.5	
4	C907	2305-000412	C-FILM,MPEF;470NF;5%,63V,-,5MM		4	C645	2401-000050	C-AL;10UF;20%,16V,GP,TP5X11,2.5	
△	4	CR04S	2305-000412	C-FILM,MPEF;470NF;5%,63V,-,5MM	△	C652	2401-000050	C-AL;10UF;20%,16V,GP,TP5X11,2.5	
4	C101	2305-000665	C-FILM;104J, 60V,5MM TAPING		4	C920	2401-000050	C-AL;10UF;20%,16V,GP,TP5X11,2.5	
4	C103	2305-000665	C-FILM;104J, 60V,5MM TAPING		△	CR03S	2401-000050	C-AL;10UF;20%,16V,GP,TP5X11,2.5	
4	C105	2305-000665	C-FILM;104J, 60V,5MM TAPING		4	C404	2401-002288	C-ELEC;CE04-55/10525V1471-MWRG	
4	C201	2305-000665	C-FILM;104J, 60V,5MM TAPING		4	C202	2401-002463	C-ELECTROLYTIC;CE04WTAPG16V470M-M(SG)-VE	
4	C206	2305-000665	C-FILM;104J, 60V,5MM TAPING		4	C810	2401-002463	C-ELECTROLYTIC;CE04WTAPG16V470M-M(SG)-VE	
4	C240	2305-000665	C-FILM;104J, 60V,5MM TAPING		4	C811	2401-002463	C-ELECTROLYTIC;CE04WTAPG16V470M-M(SG)-VE	
4	C416	2305-000665	C-FILM;104J, 60V,5MM TAPING		4	C418	2401-002597	C-AL;220uF;20%,35V,GP,TP10x12.5,5	
4	C417	2305-000665	C-FILM;104J, 60V,5MM TAPING		4	C827	2401-002619	C-AL;47uF;20%,25V,GP,TP5x11,5	
4	C605	2305-000665	C-FILM;104J, 60V,5MM TAPING		4	C833	2401-002619	C-AL;47uF;20%,25V,GP,TP5x11,5	
4	C635	2305-000665	C-FILM;104J, 60V,5MM TAPING		4	C826	2401-003034	C-AL;220UF;20%,16V,WT,TP8X11.	
4	C646	2305-000665	C-FILM;104J, 60V,5MM TAPING		4	C834	2401-003034	C-AL;220UF;20%,16V,WT,TP8X11.	
4	C651	2305-000665	C-FILM;104J, 60V,5MM TAPING		4	C808	2401-003046	C-AL;47uF;20%,50V,WT,TP6.3x11,2.5	
4	C658	2305-000665	C-FILM;104J, 60V,5MM TAPING		4	C104	2401-003578	C-AL;1000uF;20%,10V,GP,TP8x20mm,5	
4	C659	2305-000665	C-FILM;104J, 60V,5MM TAPING		4	CW901	2503-000156	C-NETWORK;100pfX4,208,50V	
4	C812	2305-000665	C-FILM;104J, 60V,5MM TAPING		4	L301	2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3.	
4	C825	2305-000665	C-FILM;104J, 60V,5MM TAPING		4	L907	2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3.	

Level	Loc. No.	Code No.	Description ; Specification	Remark	Level	Loc. No.	Code No.	Description ; Specification	Remark
	4	L906	2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3.		4	J237	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L101	2701-000115	INDUCTOR-AXIAL;10UH,10%,2.8X7M		4	J239	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L103	2701-000115	INDUCTOR-AXIAL;10UH,10%,2.8X7M		4	J240	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L102	2701-000159	INDUCTORAXIAL;22uH,10%,4.2x9.8mm		4	J241	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L602	2701-000169	INDUCTORAXIAL;3.9uH,10%,2.5X3.4mm		4	J243	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L603	2701-000177	INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM		4	J252	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L604	2701-000177	INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM		4	J401	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L605	2701-000177	INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM		4	J402	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L606	2701-000177	INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM		4	J404	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L607	2701-000177	INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM		4	J405	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L608	2701-000177	INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM		4	J406	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L705	2701-000177	INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM		4	J408	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L706	2701-000177	INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM		4	J409	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L902	2701-000184	INDUCTOR-AXIAL;4.7UH,10%,2.5X3.4MM		4	J411	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L908	2701-000191	INDUCTOR-AXIAL;47UH,10%,2.5X3.4MM		4	J412	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L201	2701-000200	INDUCTOR-AXIAL;5.6uH,10%,4.2x9.8mm		4	J414	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L811	2701-001030	INDUCTOR-AXIAL;43uH,10%,14x4.5mm		4	J415	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
△	4	L403	2701-001040	COIL INDUCTOR; COIL,10uH,ALO5		4	J416	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L601	2702-001094	INDUCTOR-RADIAL;10uH,10%,6x4mm		4	J418	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L609	2702-001094	INDUCTOR-RADIAL;10uH,10%,6x4mm		4	J420	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L901	2702-001094	INDUCTOR-RADIAL;10uH,10%,6x4mm		4	J421	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L903	2702-001094	INDUCTOR-RADIAL;10uH,10%,6x4mm		4	J422	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L904	2702-001094	INDUCTOR-RADIAL;10uH,10%,6x4mm		4	J423	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	X901	2801-003728	CRYSTAL-UNIT;6MHz,30ppm,28AAM,20pf,40oh		4	J424	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L203	2901-000297	FILTER-EMI ON BOARD;-,3A,-,3.5x5,TP,-		4	J425	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L407	2901-000297	FILTER-EMI ON BOARD;-,3A,-,3.5x5,TP,-		4	J427	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L612	2901-000297	FILTER-EMI ON BOARD;-,3A,-,3.5x5,TP,-		4	J428	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L613	2901-000297	FILTER-EMI ON BOARD;-,3A,-,3.5x5,TP,-		4	J429	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L804	2901-000297	FILTER-EMI ON BOARD;-,3A,-,3.5x5,TP,-		4	J430	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	R434	2901-000297	FILTER-EMI ON BOARD;-,3A,-,3.5x5,TP,-		4	J431	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L402	2901-000299	FILTER-EMIBEAD;BL02RN2-R65T2DB		4	J432	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L410	2901-000299	FILTER-EMIBEAD;BL02RN2-R65T2DB		4	J602	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L807	2901-000299	FILTER-EMIBEAD;BL02RN2-R65T2DB		4	J603	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L610	3301-000287	CORE-FERRITEBEAD;AA,3.5X1.0X6.		4	J604	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L614	3301-000287	CORE-FERRITEBEAD;AA,3.5X1.0X6.		4	J605	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L615	3301-000287	CORE-FERRITEBEAD;AA,3.5X1.0X6.		4	J608	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L805	3301-000287	CORE-FERRITEBEAD;AA,3.5X1.0X6.		4	J609	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L809	3301-000287	CORE-FERRITEBEAD;AA,3.5X1.0X6.		4	J610	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L801	3301-001223	CORE-FERRITE BEAD;AB,-,3.5X5X0.8MM,-,TP,		4	J615	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L802	3301-001223	CORE-FERRITE BEAD;AB,-,3.5X5X0.8MM,-,TP,		4	J616	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L803	3301-001223	CORE-FERRITE BEAD;AB,-,3.5X5X0.8MM,-,TP,		4	J618	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	L806	3301-001223	CORE-FERRITE BEAD;AB,-,3.5X5X0.8MM,-,TP,		4	J620	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
△	4	FA801S	3601-000120	FUSE-FERRULE;125V/2.5A,FA,GLASS,2.4x7.5mm		4	J621	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
△	4	FA802S	3601-001086	FUSE-AXIAL LEAD;125V/5A,FAST-ACTING,GLAS		4	J622	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
△	4	FA803S	3601-001228	FUSE-AXIAL LEAD;125V/10A,FAST-ACTING,EPO		4	J623	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	F801A	3602-000114	FUSE-HOLDER;-,30MOHM		4	J624	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	F801B	3602-000114	FUSE-HOLDER;-,30MOHM		4	J701	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	D908	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4	J702	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
△	4	DR02S	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4	J705	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	J102	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4	J706	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	J103	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4	J712	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	J104	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4	J713	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	J106	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4	J716	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	J107	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4	J724	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	J108	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4	J725	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	J110	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4	J726	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	J114	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4	J801	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	J116	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4	J802	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	J122	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4	J803	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	J124	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4	J804	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	J201	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4	J806	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	J204	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4	J815	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	J205	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4	J816	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	J206	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4	J817	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	J209	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4	J818	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	J210	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4	J819	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	J211	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4	J820	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	J212	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4	J821	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	J213	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4	J822	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	J215	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4	J823	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	J216	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4	J824	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	J217	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4	J826	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	J218	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4	J827	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	J219	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4	J828	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	J223	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4	J829	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	J224	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4	J830	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A
	4	J225	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4	J831	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A

Electrical Parts List

Level	Loc. No.	Code No.	Description ; Specification	Remark	Level	Loc. No.	Code No.	Description ; Specification	Remark
4	J832	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY420	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J833	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY421	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J835	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY422	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J902	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY423	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J903	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY424	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J904	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY426	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J905	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY429	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J907	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY430	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J911	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY431	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J912	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY432	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J913	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY433	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J914	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY434	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J916	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY435	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J917	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY436	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J918	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY437	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J920	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY439	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J921	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY441	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J922	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY446	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J924	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY447	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J926	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY603	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J927	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY604	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J929	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY701	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J930	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY702	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J933	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY703	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J936	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY704	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J937	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY705	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J938	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY706	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J939	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY801	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J940	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY802	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J941	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY803	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J943	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY804	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J944	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY805	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J945	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY806	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J946	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY809	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J947	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY810	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J948	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY812	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J949	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY813	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J950	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY814	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	L302	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY815	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	L303	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY816	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	L404	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY817	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	L611	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY820	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	L712	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY824	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	L713	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY828	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	L714	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY829	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	R619	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY830	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	R832	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY831	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	R931	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY832	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	R990	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY835	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J301	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY836	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	JS01	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY837	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	R840	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY839	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J111	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY840	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J112	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY841	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	JDV01	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY842	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	J919	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY844	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	R962	3812-000219	JUMPER-WIRE-SO,COPPER;TAQ.6SN/52M/M/A		4	EY845	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	00VER	AA41-00859A	PCB-MAIN;YOUNG STAR,FR-1,1L,A,1.6T,330X2		4	EY846	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	EY302	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	EY848	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	EY303	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	EY850	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	EY403	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	EY851	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	EY404	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	EY853	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	EY405	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	EY854	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	EY406	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	EY855	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	EY407	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	EY856	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	EY408	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	EY857	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	EY409	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	EY858	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	EY410	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	EY859	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	EY411	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	EY864	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	EY412	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	EY865	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	EY413	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	EY871	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	EY414	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	EY872	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	EY415	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	EL401	AA60-40011B	EYELET;-ID2.2,0D3.2,-,BSP	
4	EY417	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	EL402	AA60-40011B	EYELET;-ID2.2,0D3.2,-,BSP	
4	EY418	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	EL407	AA60-40011B	EYELET;-ID2.2,0D3.2,-,BSP	
4	EY419	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	EL408	AA60-40011B	EYELET;-ID2.2,0D3.2,-,BSP	

Level	Loc. No.	Code No.	Description ; Specification	Remark	Level	Loc. No.	Code No.	Description ; Specification	Remark
4	EL801	AA60-40011B	EYELET; ,ID2 2,0D3 2,-- ,BSP		3	RC01	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP	
4	EL802	AA60-40011B	EYELET; ,ID2 2,0D3 2,-- ,BSP		3	RC02	2001-000577	R-CARBON;2KOHM,5%,1/8W,AA,TP,1	
4	EL805	AA60-40011B	EYELET; ,ID2 2,0D3 2,-- ,BSP		3	RC03	2001-000878	R-CARBON;6.2KOHM,5%,1/8W,AA,TP	
4	EL807	AA60-40011B	EYELET; ,ID2 2,0D3 2,-- ,BSP		3	LC01	2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3.	
4	EL808	AA60-40011B	EYELET; ,ID2 2,0D3 2,-- ,BSP		3	00VER	AA41-00618A	PCB-CONTROL(Z4);CT-20MH8,FR-1,1LA,1.6T,	
4	GT102	AA60-40014A	PIN-GT,ASSY;1P;-- ,AUTO		3	SW01	3404-000176	SWITCH-TACT;12V,50MA,90-150GF,	
4	GT301	AA60-40014A	PIN-GT,ASSY;1P;-- ,AUTO		3	SW02	3404-000176	SWITCH-TACT;12V,50MA,90-150GF,	
4	GT302	AA60-40014A	PIN-GT,ASSY;1P;-- ,AUTO		3	SW03	3404-000176	SWITCH-TACT;12V,50MA,90-150GF,	
4	GT401	AA60-40014A	PIN-GT,ASSY;1P;-- ,AUTO		3	SW04	3404-000176	SWITCH-TACT;12V,50MA,90-150GF,	
4	GT402	AA60-40014A	PIN-GT,ASSY;1P;-- ,AUTO		3	SW05	3404-000176	SWITCH-TACT;12V,50MA,90-150GF,	
4	GT404	AA60-40014A	PIN-GT,ASSY;1P;-- ,AUTO		3	SW06	3404-000176	SWITCH-TACT;12V,50MA,90-150GF,	
4	GT405	AA60-40014A	PIN-GT,ASSY;1P;-- ,AUTO		3	CN01	AA39-00100E	LEAD CONNECTOR-ASSY;4PYBNH250-04,35155	
4	GT406	AA60-40014A	PIN-GT,ASSY;1P;-- ,AUTO		2	A/SIDE	AA96-01032A	ASSY MISC,A/V SIDE,TXM27,30,3298,K55A	
4	GT409	AA60-40014A	PIN-GT,ASSY;1P;-- ,AUTO		3	DZ701	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V8.57-9.01V,500	
4	GT410	AA60-40014A	PIN-GT,ASSY;1P;-- ,AUTO		3	R701	2001-000028	R-CARBON(S);1000HM,5%,1/2W,AB,	
4	GT411	AA60-40014A	PIN-GT,ASSY;1P;-- ,AUTO		3	R702	2001-000028	R-CARBON(S);1000HM,5%,1/2W,AB,	
4	GT412	AA60-40014A	PIN-GT,ASSY;1P;-- ,AUTO		3	C701	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
4	GT801	AA60-40014A	PIN-GT,ASSY;1P;-- ,AUTO		3	C702	2202-000121	C-CERAMIC,MLC-AXIAL;100pF,10%,50V,Y5P,TP	
4	GT802	AA60-40014A	PIN-GT,ASSY;1P;-- ,AUTO		3	C707	2202-000231	C-CERAMIC,MLC-AXIAL;330PF,10%,50V,Y5P,3.	
4	GT803	AA60-40014A	PIN-GT,ASSY;1P;-- ,AUTO		3	C708	2202-000231	C-CERAMIC,MLC-AXIAL;330PF,10%,50V,Y5P,3.	
4	GT804	AA60-40014A	PIN-GT,ASSY;1P;-- ,AUTO		3	L701	2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3.	
4	GT805	AA60-40014A	PIN-GT,ASSY;1P;-- ,AUTO		3	L702	2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3.	
4	GT806	AA60-40014A	PIN-GT,ASSY;1P;-- ,AUTO		3	L705	2701-000168	INDUCTORAXIAL;3.3uH,5%,2.5x3.4mm	
4	GT807	AA60-40014A	PIN-GT,ASSY;1P;-- ,AUTO		3	L706	2701-000168	INDUCTORAXIAL;3.3uH,5%,2.5x3.4mm	
4	L/LINE	AA68-01544A	LABEL;LINE,ALL MDL COMMON		3	L707	3301-000287	CORE-FERRITEBEAD;AA,3.5X1.0X6.	
4	D802	0402-000010	DIODE-RECTIFIER;RGP15G,400V,1.5A,DO-204A		3	L708	3301-000287	CORE-FERRITEBEAD;AA,3.5X1.0X6.	
4	C824	2401-003028	C-AL;100UF;20%,25V,WT,TP6.3X1		3	J701	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
4	R420	2004-001406	R-METAL(S);8.2KOHM,1%,1/2W,AA,		3	J703	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
4	C412	2301-000356	C-FILM,PEF;47nF,5%,50V,TP,7.5x4.0x6.5mm		3	02VER	AA41-00620C	PCB-A/V SIDE(Z7);CT-29Z7HR,FR-1,1LC,1.6	
4	HC801	BP96-00231A	ASSY HEAT SINK P,HS TR,SCREW,FML-G12S(3)		3	DZ702	0403-000708	DIODE-ZENER;MTZJ13B,13V,12.55-13.21V,500	
4		0205-001027	OIL-SILICON;G746		3	DZ703	0403-000708	DIODE-ZENER;MTZJ13B,13V,12.55-13.21V,500	
4		0402-000233	DIODE-RECTIFIER,FML-G12S,200V,		3	JK04	3722-000544	JACK-VHS;4P;11.5mm,AG,BLK,N	
4		0402-001230	DIODE-RECTIFIERFMG-G2CS,1000V,3A,TO-22		3	JKH01	3722-001061	JACK-PHONE;1P;3.6MM,AG,BLK,N	
4		1203-002587	IC-POSIX.FIXED REG.,KA278R05TU,TO-220,4P,		3	JA701	3722-001164	JACK-PIN;3P;3.4mm,SN,WH,YE,RE,#16-22	
4		6003-000334	SCREW-TAPTITE,RH,+,2S,M3,L6,ZP		3	CN704	AA39-00070B	LEAD CONNECTOR-ASSY;4PYBNH250-04,35184	
4		BP62-00029A	HEAT SINK-PS,CT-29A10,A1050S,T2,0.40,89,		3	CN703	AA39-20069A	LEAD-CONNECTOR,ASSY;-,YBNH025-	
3	TSW+SI	0204-000166	SILICON;DCI-2577,S102,75%		3	CN701	AA39-20071G	LEAD CONNECTOR ASSY;K55A,WT-32Z7HR,UL100	
3	CN702	3711-003641	CONNECTOR-HEADER;BOX,12P,1R,2.		3	BAND	AA63-10002A	BAND-TIE;-,NYLON66V2,-,L100,NTR,-,-	
3	R/WIRE	AA39-20536G	LEAD CONNECTOR ASSY;1PF,60MM,1617#22		3	CORE	3301-001201	CORE-FERRITE;AE,230.5x10.25x36mm,1500,28	
3	TAPE	0203-001203	TAPE-DOUBLE FACE;#4016,T1.6,W10,L1000,NT		2	A/TACT	AA96-01478A	ASSY MISC;PCB-TACT S/W;K55A	

ASSY COVER FRONT

1	A/CFRN	AA90-03246Q	ASSY COVER FRONT;TXN3075WHFXXAA
2	A/SPK	AA91-00507A	ASSY HOLDER SPK;-,80HM/15W,-,ASSY HOLD
2	CAVL+C	6003-001268	SCREW-TAPTITE;TH,+,B,M4,0,L12,0,ZPC(YEL)
2	PAV+CA	6003-001268	SCREW-TAPTITE;TH,+,B,M4,0,L12,0,ZPC(YEL)
2	IN/AV	AA64-02667C	INLAY-AV,ZP,PS SHEET,TO.3,DGN-K189,K55A
2	C/C	AA63-00686A	COVER-CONTROL;DP 32Z6,AA63-00557E
2	KC	AA64-03037A	KNOB-CONTROL;DP 27,HB,G3676,AA64-02662A
2	KC+CCR	6003-001019	SCREW-TAPTITE,RH,+,B,M4,L12,ZPC(BLK),SWR
2	PC+CCR	6003-001019	SCREW-TAPTITE,RH,+,B,M4,L12,ZPC(BLK),SWR
2	CCR+CF	6003-001268	SCREW-TAPTITE;TH,+,B,M4,0,L12,0,ZPC(YEL)
2	C/F	0203-001290	TAPE-OPP MASKING;ANT 100C,TO.073,W30,L50
2	AHS+CF	6006-001095	SCREW-ASSY TAPT;WPBH,+,M4,L12,ZPC(YEL)
2	PP+CF	6003-001268	SCREW-TAPTITE;TH,+,B,M4,0,L12,0,ZPC(YEL)
2	CRT+CF	AA60-10050V	SCREW-ASSY;WC,HH,+,M6,L30,SWRCH18A,ZPCS
2	A/CF	AA96-01486A	ASSY COVER P-FRONT;DP 32Z6,AA96-00933M
2	TAPE	0203-000367	TAPE-CELLULOSE;#430,-,W19,L25,CLR
2	TAPEFC	0203-001085	TAPE-DOUBLE FACE;#4929,TO.64,W12,-,BLK
2	SPRING	AA61-60003J	SPRING ETC-CS;-,SUS304,-,OD6,N7,OD6,-,
2	BADGE	AA64-70117B	BADGE-BRAND;-,AL,-,L65,R2000,SILVER,SS
2	F/C	AA64-02746L	CABINET FRONT;TXN3075,HIPS,VO,G4309,SV01
2	KP	AA64-02751A	KNOB-POWER;29Z6,PC,VO,VIOLET
2	DP	AA64-02750A	DECORATION-POWER;29Z6,ABS,HB,GRAY,AL
2	WRL	AA64-02752A	WINDOW-RMC;29Z6,PC,VO,VIOLET
2	IL	AA64-02753A	INDICATOR LED;29Z6,ACRYL,HB,CLEAR
2	CWFCR	AA65-00011C	CLAMP-WIRE;ALL MODEL,NYLON 66,V2,NTR,25MM
2	CWFCL	AA65-30105A	CLAMP-WIRE,NYLON 66N,VO,NTR,15MM
2	SPACER	AA60-00091C	SPACER-FELT;-,FELT,20X10,-,BLK,T1,0,-
2	SPACER	AA60-00091G	SPACER-FELT;-,FELT,20X10,-,BLK,TO.5,-
2	A/CTRL	AA96-01031A	ASSY MISC P,CONTROL TXM27,30,3298,K55A
2	RC06	2001-000007	R-CARBON;3KOHM,5%,1/8W,AA,TP,1
2	RC04	2001-000009	R-CARBON;2KOHM,5%,1/8W,AA,TP,

ASSY COVER REAR

1	A/REAR	AA90-03249F	ASSY COVER REAR;TXN3075WHFXXAA
2	CB+CF	AA60-10050T	SCREW-TAPPING;RH,+,2S,M4,L20,ZPC(BLK),SW
2	TBA+RJ	AA60-10050T	SCREW-TAPPING;RH,+,2S,M4,L20,ZPC(BLK),SW
2	CB+TBA	AA60-10050T	SCREW-TAPPING;RH,+,2S,M4,L20,ZPC(BLK),SW
2	SPFBC	AA60-00091J	SPACER-FELT;-,FELT,330X10,-,BLK,TO.5,-
2	CB	AA64-03580A	CABINET BACK;DP 32Z6,AA64-02747D
2	INL/CO	AA64-60421C	INLAY-COVER;-,PS,TO.3,-,BLK,SEA
2	AC+CB	AA65-30008A	CLAMP-CORD;-,PE,HB,BLK,-
2	HT	AA61-00356B	HOLDER-TUNER,F/JACK,-,501F,ABS,HB,BLK,-
2	FBT	AA65-30018A	CLAMP-WIRE;-,NYLON6.6,-,DATL
2	DRES	AA65-30018A	CLAMP-WIRE;-,NYLON6.6,-,DATL
2	ADH-SI	0201-001059	ADHESIVE-SILICON;B#9590,CARTRIGE
2	IN/TB	AA64-02822J	INLAY-T/BOARD;26,PS SHEET,TO.5,K55A NON-
2	TBA	AA65-00028A	TERMINAL-BOARD,ANT;DP 27,AA65-00025A VO

Electrical Parts List

Level	Loc. No.	Code No.	Description ; Specification	Remark	Level	Loc. No.	Code No.	Description ; Specification	Remark
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ASSY LABEL

1	A/LABE	AA92-07675A	ASSY LABEL;S56A	
2	L/STAR	AA68-01557A	LABEL ENERGY;STAR,STATIC FREE FILM	
2	L/SET	AA68-01065P	LABEL-D.H.H.S;32,A/P 90(G),63,73,W76QDD	
2	L/RAT	AA68-02683A	LABEL RATING;ART-PAPER,90(S),SEA	

ASSY BOX

1	A/BOX	AA92-05369N	ASSY BOX;TXN3075WHFXXAA	
2	L/BOX	AA68-01542A	LABEL;(UNIBOX),PAPER WHT ALLMD	
2	PCK	AA69-02225A	PACKING CASE;32Z6(SAMEX),D-5 AB,A1,YEL,S	

ASSY P/MATERIAL

1	A/PACK	AA92-05372C	ASSY P/MATERIAL;TXN3075WHFXXAA	
2	BXTAPE	0203-001295	TAPE-OPP MASKING;1242,T0.06,W100,L91.4M,	
2	STAPLE	AA60-40006A	PIN-STAPLE;---,H18,33X17.8X2	
2	PE-BAG	AA69-01210A	BAG;SHEET;32-36,W65,L63,FOAM,OEM.	
2	C/SET	AA69-01654A	CUSHION-SET;32Z6,PS FOAMED,C=0.02	

ASSY CPT

1	A/CPT	AA91-06250A	ASSY CPT;W76QEN581X002,+380MG,0.302MH,6	
△ 2	CRT	AA03-00363A	CRT COLOR;W76QEN581X002,+380MG,0.302MH,6	
2	D-COIL	AA27-00216A	COIL DEGAUSSING;80TX2,4.50HM,34,110V/2	
2	A/TBC	AA98-70011G	ASSY TBC WIRE(P);-.32inch,NTSC,2PWH,KS4A	
2	CDCOIL	AA61-00997A	HOLDER-D,COIL;32Z5,NYLON 66	
2	S/CRT	AA63-60004L	SPACER-GUM,CRT;-,NTR RUBBER;---,BLK,T3	
2	IN/CRT	AA64-03072A	INLAY-COVER;PS-SHEET,50X30,T.1.0	

ASSY ACCESSORY

1	A/ACCE	AA92-07547Q	ASSY ACCESSORY;TXN3075WHFXXAA,K55A	
2	BATT	4301-000120	BATTERY-MN;1.5V,-AA	
2	RMT	AA59-00251B	REMOCON;TM58,YOUNG STAR,41,SS,G6671B,MBR	
2	W/CARD	AA68-00371B	CARD WARRANTY;W/P100(G),1 YEAR	
2	B/WARR	AA68-01561A	CARD WARRANTY;BLOCK,STATEMENT ONLY,SEA/S	
2	C/REG	AA68-01969A	CARD;REGISTRATION PRODUCT,W/P120(G),SEA	
2	I/B	AA68-02723A	MANUAL USERS;CT-29A10,,ENG,,W/P100G,,,K	
2	BAG-PE	AA69-01195A	BAG PE;CL29A6W8X,HDPETO.012,93/4X151	
2	AC-TAP	0203-001279	TAPE-OPP MASKING;#232,T0.14,W15,L50000,Y	
2	C/RCA	AA39-40001B	PATCH-CORD;3P-3P1500MMRED,WHT,YEL,500	

Electrical Parts List

Level	Loc. No.	Code No.	Description ; Specification	Remark	Level	Loc. No.	Code No.	Description ; Specification	Remark
4	DZ601	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500		4	R954	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP	
4	DZ603	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500		4	R955	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP	
4	DZ605	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500		4	R968	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP	
4	DZ808	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500		4	R310	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP	
4	DZ902	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500		4	R606	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP	
4	DZ903	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500		4	R628	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP	
4	DZ907	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500		4	R630	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP	
4	DZ908	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500		4	R632	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP	
4	DZ909	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500		4	R935	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP	
4	DZ910	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500		4	R967	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP	
4	DZ901	0403-000510	DIODE-ZENER;MTZJ6.2B,6.2V,5.96-6.27V,500		4	R973	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP	
4	DZ306	0403-000700	DIODE-ZENER;TZP33A,33V,31-35V,		△	RR10S	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP	
4	DZ804	0403-000700	DIODE-ZENER;TZP33A,33V,31-35V,		4	R309	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP	
4	DZ802	0403-000716	DIODE-ZENER;MTZJ4.7B,4.7V,4.55-4.8V,500m		4	R824	2001-000319	R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8x3.2MM	
4	DZ307	0403-001118	DIODE-ZENER;MTZ30A,26.99-28.39		4	R603	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
4	DZ304	0403-001221	DIODE-ZENER;UZ39BSB,35.36-37.19V,500MW,D		4	R816	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
4	DZ806	0403-001317	DIODE-ZENER;MTZJ3.0B,3.01-3.22V,500mW,DO		4	R817	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
4	DZ602	0403-001322	DIODE-ZENER;MTZJ8.2B,7.78-8.19V,500mW,DO		4	R902	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
4	DZ801	0403-001322	DIODE-ZENER;MTZJ8.2B,7.78-8.19V,500mW,DO		4	R914	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
4	DZ401	0403-001325	DIODE-ZENER;MTZJ15C,14.35-15.09V,500mW,DO		4	R924	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
4	DZ803	0403-001327	DIODE-ZENER;MTZJ18A,16.22-17.06V,500mW,DO		4	R936	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
4	DZ302	0403-001329	DIODE-ZENER;MTZJ24B,22.61-23.77V,500mW,		4	R963	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
4	DZ303	0403-001329	DIODE-ZENER;MTZJ24B,22.61-23.77V,500mW,		4	R972	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
4	DZ305	0403-001329	DIODE-ZENER;MTZJ24B,22.61-23.77V,500mW,		4	R974	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
4	DZ807	0403-001330	DIODE-ZENER;MTZJ30A,26.99-28.39V,500mW,DO		△	RR08S	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
4	D902	0404-000156	DIODE-SCHOTTKY;RB441Q,10V,100MA,DO-34,TP		4	R833	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP	
4	D903	0404-000156	DIODE-SCHOTTKY;RB441Q,10V,100MA,DO-34,TP		4	R912	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP	
4	D904	0404-000156	DIODE-SCHOTTKY;RB441Q,10V,100MA,DO-34,TP		4	R981	2001-000515	R-CARBON;2200HM,5%,1/8W,AA,TP	
4	D406	0404-001056	DIODE-SCHOTTKY;RK16.60V,1.5A,DO-204AC,TP		4	R982	2001-000515	R-CARBON;2200HM,5%,1/8W,AA,TP	
4	Q802	0501-000369	TRANSISTOR;KSC2331-Y(TAPG)		4	R983	2001-000515	R-CARBON;2200HM,5%,1/8W,AA,TP	
4	Q601	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM		4	R984	2001-000515	R-CARBON;2200HM,5%,1/8W,AA,TP	
4	Q603	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM		4	R629	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP	
4	Q801	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM		4	R823	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP	
4	Q803	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM		4	R937	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP	
4	Q901	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM		4	R953	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP	
4	Q906	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM		4	R961	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP	
4	Q907	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM		4	R952	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP	
4	Q908	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM		4	R911	2001-000628	R-CARBON;3000HM,5%,1/8W,AA,TP	
4	Q911	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM		4	R623	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP	
4	Q912	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM		4	R633	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP	
4	Q913	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM		4	R105	2001-000702	R-CARBON;39KOHM,5%,1/8W,AA,TP	
4	Q914	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM		4	R617	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP	
△	Q902S	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM		4	R618	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP	
4	Q915	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM		4	R842	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP	
4	Q805	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM		4	R901	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP	
4	Q909	0505-000109	FET-SILICON;2N7000,N,60V,200mA,5ohm,400		4	R903	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP	
4	Q910	0505-000109	FET-SILICON;2N7000,N,60V,200mA,5ohm,400		4	R904	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP	
△	IC804	1203-001217	IC-POSTADJUSTREG;431,T0-92,3P4.58MIL,P		4	R905	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP	
△	IC904	1203-001943	IC-VOL.DETECTOR;7025,T0-92,3PPLASTIC		4	R906	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP	
△	VP801S	1405-000187	VARISTOR;750V,1250A,12.5x7mm,TP		4	R908	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP	
△	VX801S	1405-000187	VARISTOR;750V,1250A,12.5x7mm,TP		4	R909	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP	
4	R303	2001-000016	R-CARBON(S);10HM,5%,1/2W,AA,TP		4	R921	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP	
4	R801	2001-000019	R-CARBON(S);10ohm,5%,1/2W,AA,TP,2.4x6.4mm		4	R927	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP	
4	R317	2001-000066	R-CARBON(S);10KOHM,5%,1/2W,AA,		4	R928	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP	
4	R810	2001-000109	R-CARBON(S);4700HM,5%,1/2W,AA,		4	R938	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP	
4	R624	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP		4	R945	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP	
4	R631	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP		4	R946	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP	
4	R822	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP		4	R949	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP	
4	R102	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP		4	R965	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP	
4	R103	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP		4	R966	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP	
4	R203	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP		4	R988	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP	
4	R204	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP		4	R918	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP	
4	R604	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP		4	R607	2001-000780	R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm	
4	R605	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP		4	R608	2001-000780	R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm	
4	R612	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP		4	R609	2001-000780	R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm	
4	R613	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP		4	R614	2001-000780	R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm	
4	R915	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP		4	R615	2001-000780	R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm	
4	R916	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP		4	R616	2001-000780	R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm	
4	R917	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP		4	R809	2001-000780	R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm	
4	R925	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP		4	R812	2001-000780	R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm	
4	R940	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP		4	R813	2001-000780	R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm	
4	R941	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP		4	R919	2001-000780	R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm	
4	R942	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP		4	R920	2001-000780	R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm	
4	R948	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP		4	R958	2001-000780	R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm	
4	R950	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP		△	RR09S	2001-000780	R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm	
4	R951	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP		4	R910	2001-000780	R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm	

Level	Loc. No.	Code No.	Description ; Specification	Remark	Level	Loc. No.	Code No.	Description ; Specification	Remark
4	R960	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP		4	C657	2201-000304	C-CERAMIC,DISC0.001nF0.25pF,50V,NP0,TP	
4	R926	2001-000793	R-CARBON;470HM,5%,1/8W,AA,TP,1		4	C804	2201-000332	C-CERAMIC,AC;CK45PTAPGE250V222	
4	R841	2001-000812	R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2mm		4	C805	2201-000332	C-CERAMIC,AC;CK45PTAPGE250V222	
4	R106	2001-000864	R-CARBON;56Kohm,5%,1/8W,AA,TP,1.8x3.2mm		4	C632	2201-000370	C-CERAMIC,DISC;220PF,10%,50V,Y5P,TP	
4	R101	2001-000869	R-CARBON;560HM,5%,1/8W,AA,TP,1		4	C828	2201-000374	C-CERAMIC,DISC;220pF,5%,50V,CH,TP,12.5x3	
4	R922	2001-000924	R-CARBON;680ohm,5%,1/8W,AA,TP,1.8x3.2mm		4	C401	2201-000556	C-CERAMIC,DISC;470PF,10%,500V,	
4	R913	2001-001015	R-CARBON;9.1Kohm,5%,1/8W,AA,TP,1.8x3.2m		4	C403	2201-000556	C-CERAMIC,DISC;470PF,10%,500V,	
4	R907	2001-000995	R-CARBON;8200HM,5%,1/8W,AA,TP		4	C421	2201-000556	C-CERAMIC,DISC;470PF,10%,500V,	
4	R838	2001-001050	R-CARBON(S);1.5KOHM,5%,1/2W,AA,TP,2.4X6.		△	CR01S	2201-000556	C-CERAMIC,DISC;470PF,10%,500V,	
4	R419	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4		4	C601	2201-000558	C-CERAMIC,DISC;470PF,10%,50V,Y	
4	R421	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4		4	C817	2201-000599	C-CERAMIC,DISC;560PF,10%,500V,	
4	R626	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4		4	C819	2201-000599	C-CERAMIC,DISC;560PF,10%,500V,	
4	R627	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4		4	C822	2201-000599	C-CERAMIC,DISC;560PF,10%,500V,	
4	R314	2001-001093	R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP,2.4X6.		4	C654	2201-000611	C-CERAMIC,DISC;560PF,5%,50V,NP0	
4	R315	2001-001093	R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP,2.4X6.		4	C910	2201-000980	C-CERAMIC,DISC;30PF,5%,50V,NP0,5.0X3.0,5	
4	D601	2001-001093	R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP,2.4X6.		4	C911	2201-000980	C-CERAMIC,DISC;30PF,5%,50V,NP0,5.0X3.0,5	
4	D602	2001-001093	R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP,2.4X6.		4	C830	2201-000984	C-CERAMIC,DISC;680PF,10%,2KV,Y	
4	D605	2001-001093	R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP,2.4X6.		4	C814	2201-002028	C-CERAMIC,DISC;0.47nF,10%,2KV,Y5P,TP,7.5	
4	D606	2001-001093	R-CARBON(S);2.2KOHM,5%,1/2W,AA,TP,2.4X6.		4	C927	2202-000127	C-CERAMIC,MLC-AXIAL;10NF,+80-2	
4	R820	2001-001096	R-CARBON(S);2.20HM,5%,1/2W,AA,		4	C109	2202-000216	C-CERAMIC,MLC-AXIAL;0.27NF,5%,50V,SL,TP	
4	R418	2001-000307	R-CARBON(S);3300HM,5%,1/2W,AA,		4	C110	2202-000216	C-CERAMIC,MLC-AXIAL;0.27NF,5%,50V,SL,TP	
4	R316	2001-001129	R-CARBON(S);330KOHM,5%,1/2W,		4	C627	2202-000231	C-CERAMIC,MLC-AXIAL;330PF,10%,50V,Y5P,3.	
4	R818	2001-001131	R-CARBON(S);33KOHM,5%,1/2W,AA,		4	C629	2202-000231	C-CERAMIC,MLC-AXIAL;330PF,10%,50V,Y5P,3.	
4	R634	2001-001146	R-CARBON(S);4.7OHM,5%,1/2W,AA,		4	C633	2202-000231	C-CERAMIC,MLC-AXIAL;330PF,10%,50V,Y5P,3.	
4	R635	2001-001146	R-CARBON(S);4.7OHM,5%,1/2W,AA,		4	C636	2202-000231	C-CERAMIC,MLC-AXIAL;330PF,10%,50V,Y5P,3.	
4	R805	2001-001150	R-CARBON(S);470KOHM,5%,1/2W,AA		4	C637	2202-000231	C-CERAMIC,MLC-AXIAL;330PF,10%,50V,Y5P,3.	
4	R806	2001-001150	R-CARBON(S);470KOHM,5%,1/2W,AA		4	C638	2202-000231	C-CERAMIC,MLC-AXIAL;330PF,10%,50V,Y5P,3.	
4	R301	2001-001163	R-CARBON(S);5600HM,5%,1/2W,AA,		4	C639	2202-000231	C-CERAMIC,MLC-AXIAL;330PF,10%,50V,Y5P,3.	
4	R432	2001-001179	R-CARBON(S);68KOHM,5%,1/2W,AA,		4	C642	2202-000231	C-CERAMIC,MLC-AXIAL;330PF,10%,50V,Y5P,3.	
4	R811	2001-001188	R-CARBON(S);8.2KOHM,5%,1/2W,AA,TP,2.4X6.		4	C906	2202-000231	C-CERAMIC,MLC-AXIAL;330PF,10%,50V,Y5P,3.	
4	R808	2001-001197	R-CARBON(S);9100HM,5%,1/2W,AB,TP,2.4X6.4		4	C701	2202-000243	C-CERAMIC,MLC-AXIAL;33PF,5%,50	
△	RP802S	2002-001010	R-COMPOSITION;1.8MOHM,5%,1/2W,AA,TP,3.7X		4	C647	2202-000286	C-CERAMIC,MLC-AXIAL;56PF,5%,50	
△	RY801S	2002-001012	R-COMPOSITION;8.2MOhm,5%,1/2W,AA,TP,3.7X		4	C924	2202-000632	C-CERAMIC,MLC-AXIAL;100nF,20%,50V,Z5U,TP	
4	R426	2003-000540	R-METALOXIDE(S);1KOHM,5%,2W,AD		4	C903	2202-000719	C-CERAMIC,MLC-AXIAL;6.8nF,20%,16V,Y5R,TP	
4	R433	2003-000540	R-METALOXIDE(S);1KOHM,5%,2W,AD		4	C606	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50	
4	R802	2003-000586	R-METALOXIDE(S);22KOHM,5%,2W,A		4	C607	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50	
4	R803	2003-000586	R-METALOXIDE(S);22KOHM,5%,2W,A		4	C608	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50	
4	R804	2003-000586	R-METALOXIDE(S);22KOHM,5%,2W,A		4	C615	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50	
4	R412	2003-000592	R-METALOXIDE(S);220HM,5%,2W,AD		4	C905	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50	
4	R409	2003-000598	R-METALOXIDE;3000HM,5%,2W,AFT		4	C614	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50	
4	R410	2003-000598	R-METALOXIDE;3000HM,5%,2W,AFT		4	C116	2202-002037	C-CERAMIC,MLC-AXIAL;100NF,+80-20	
4	R401	2003-001025	R-METALOXIDE(S);15KOHM,5%,2W,A		4	C901	2202-002037	C-CERAMIC,MLC-AXIAL;100NF,+80-20	
4	R402	2003-001025	R-METALOXIDE(S);15KOHM,5%,2W,A		4	C919	2202-002037	C-CERAMIC,MLC-AXIAL;100NF,+80-20	
4	R416	2003-001025	R-METALOXIDE(S);15KOHM,5%,2W,A		4	C921	2202-002037	C-CERAMIC,MLC-AXIAL;100NF,+80-20	
4	R435	2003-000784	R-METAL OXIDE(S);7.5KOHM,5%,2W,AFT,TP,3.7		4	C928	2202-002037	C-CERAMIC,MLC-AXIAL;100NF,+80-20	
4	R830	2003-002157	R-METAL OXIDE;2200HM,5%,2W,AG,TP,6X16MM		4	C649	2301-000108	C-FILM,PEF;1.5NF,5%,50V,6.5X3.0X5.5MM,5M	
4	R835	2003-002181	R-METAL OXIDE(S);68Kohm,5%,2W,AG,TP,3.9x		4	C306	2301-000160	C-FILM,PEF;12NF,5%,50V,11.0X6.	
4	R305	2003-002205	R-METAL OXIDE(S);330ohm,5%,2W,AG,TP,3.9X		4	C432	2301-000192	C-FILM,PEF;1NF,5%,50V,5.3X10MM	
4	R306	2003-002205	R-METAL OXIDE(S);330ohm,5%,2W,AG,TP,3.9X		4	C610	2301-000192	C-FILM,PEF;1NF,5%,50V,5.3X10MM	
4	R403	2003-000532	R-METALOXIDE(S);180HM,5%,2W,AD,TP,4X12MM		4	C611	2301-000192	C-FILM,PEF;1NF,5%,50V,5.3X10MM	
4	R428	2004-000698	R-METAL;3.3KOHM,1%,1/4W,AA,TP,		4	C902	2301-000192	C-FILM,PEF;1NF,5%,50V,5.3X10MM	
4	R302	2004-001369	R-METAL(S);1.2Kohm,1%,1/2W,AA,TP,2.4x6.4		4	C411	2301-000192	C-FILM,PEF;1NF,5%,50V,5.3X10MM	
4	R308	2004-001369	R-METAL(S);1.2Kohm,1%,1/2W,AA,TP,2.4x6.4		4	C419	2301-000192	C-FILM,PEF;1NF,5%,50V,5.3X10MM	
△	RR430S	2004-001390	R-METAL(S);1KOHM,2%,1/2W,AA,TP		4	C802	2301-000204	C-FILM,PEF;2.7NF,5%,50V,7.4X3.	
4	R821	2004-002015	R-METAL FILM;RM1/ZT140K-F		4	C420	2301-000213	C-FILM,PEF;220NF,5%,250V,21.5X	
4	R819	2004-001983	R-METAL;2.49KOHM,1%,1/2W,AA,TP,2.4X6.4		4	C809	2301-000224	C-FILM,PEF;22NF,5%,50V,7.4X3.9	
4	R420	2004-001406	R-METAL(S);8.2KOHM,1%,1/2W,AA,		4	C821	2301-000224	C-FILM,PEF;22NF,5%,50V,7.4X3.9	
4	R430	2004-002016	R-METAL FILM;RM1/ZT(S)153-F15K		4	C412	2301-000310	C-FILM,PEF;68NF,5%,50V,8.0X8.5	
4	R431	2004-002016	R-METAL FILM;RM1/ZT(S)153-F15K		4	C909	2301-000383	C-FILM,PEF;10nF,5%,50V,TP,6x7x3.2mm,5mm	
4	R415	2004-000501	R-METAL(S);2.2KOHM,1%,1/2W,AA,TP,2.4X6.4		4	C425	2301-001067	C-FILM,MPPF;82NF,5%,400V,TP,19	
4	R423	2004-000501	R-METAL(S);2.2KOHM,1%,1/2W,AA,TP,2.4X6.4		4	C406	2301-001224	C-FILM,PPF;3.3nF,5%,800V,TP,20x6.5x13.5,	
4	R440	2004-000502	R-METAL(S);24KOHM,5%,1/2W,AA,TP,2.4X6.4M		4	C409	2301-001268	C-FILM,PPF;33nF,5%,630V,TP,20x11x17.7,5	
4	R422	2008-001149	R-FUSIBLE(S);0.220HM,5%,2W,AF,TP,3.8X11M		4	C807	2303-000163	C-FILM,PPF;2.2NF,5%,800V,-,T	
4	R414	2008-000253	R-FUSIBLE(S);0.47OHM,5%,1W,AF,		4	C813	2303-000163	C-FILM,PPF;2.2NF,5%,800V,-,T	
4	R815	2008-000284	R-FUSIBLE(S);0.10HM,10%,2W,AF,TP,3.9X10M		4	C305	2305-000149	C-FILM;CF922N100VT104-J-40/105	
4	R827	2008-000284	R-FUSIBLE(S);0.10HM,10%,2W,AF,TP,3.9X10M		4	C304	2305-000285	C-FILM,MPEF;220NF,5%,100V,-,5M	
4	R413	2008-001018	R-FUSIBLE(S);0.47OHM,10%,2W,AF,		4	C308	2305-000412	C-FILM,MPEF;470NF,5%,63V,-,5MM	
4	R405	2008-001018	R-FUSIBLE(S);0.47OHM,10%,2W,AF,		4	C907	2305-000412	C-FILM,MPEF;470NF,5%,63V,-,5MM	
4	R828	2008-001088	R-FUSIBLE(S);1ohm,5%,2W,AG,TP,3.9x12mm		4	C101	2305-000665	C-FILM;104J, 60V,5MM TAPING	
4	R304	2008-001108	R-FUSIBLE(S);1.2ohm,5%,2W,AG,TP,3.9x12mm		4	C103	2305-000665	C-FILM;104J, 60V,5MM TAPING	
4	R424	2008-001109	R-FUSIBLE(S);0.18ohm,10%,2W,AG,TP,3.9x12		4	C105	2305-000665	C-FILM;104J, 60V,5MM TAPING	
4	R425	2008-001109	R-FUSIBLE(S);0.18ohm,10%,2W,AG,TP,3.9x12		4	C201	2305-000665	C-FILM;104J, 60V,5MM TAPING	
4	R307	2008-001114	R-FUSIBLE(S);1.5ohm,5%,2W,AG,TP,3.9x12mm		4	C206	2305-000665	C-FILM;104J, 60V,5MM TAPING	
4	R829	2008-001148	R-FUSIBLE;3.30HM,5%,1W,AG,TP,3.9X12MM		4	C240	2305-000665	C-FILM;104J, 60V,5MM TAPING	
4	C303	2201-000132	C-CERAMIC,DISC;100PF,10%,500V,Y5P,6X3MM,		4	C416	2305-000665	C-FILM;104J, 60V,5MM TAPING	
4	C424	2201-000132	C-CERAMIC,DISC;100PF,10%,500V,Y5P,6X3MM,		4	C417	2305-000665	C-FILM;104J, 60V,5MM TAPING	
4	C656	2201-000304	C-CERAMIC,DISC0.001nF0.25pF,50V,NP0,TP		4	C605	2305-000665	C-FILM;104J, 60V,5MM TAPING	

Electrical Parts List

Level	Loc. No.	Code No.	Description ; Specification	Remark	Level	Loc. No.	Code No.	Description ; Specification	Remark
4	C635	2305-000665	C-FILM;104J, 60V,5MM TAPING		4	C834	2401-003034	C-AL;220UF,20%,16V,WT,TP,8X11.	
4	C646	2305-000665	C-FILM;104J, 60V,5MM TAPING		4	C808	2401-003046	C-AL;47uF,20%,50V,WT,TP,6.3x11,2,5	
4	C651	2305-000665	C-FILM;104J, 60V,5MM TAPING		4	C104	2401-003578	C-AL;1000uf,20%,10V,GP,TP,8x20mm,5	
4	C658	2305-000665	C-FILM;104J, 60V,5MM TAPING		4	CW901	2503-000156	C-NETWORK;100pfX4,208,50V	
4	C659	2305-000665	C-FILM;104J, 60V,5MM TAPING		4	L301	2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3.	
4	C812	2305-000665	C-FILM;104J, 60V,5MM TAPING		4	L907	2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3.	
4	C825	2305-000665	C-FILM;104J, 60V,5MM TAPING		4	L906	2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3.	
4	C831	2305-000665	C-FILM;104J, 60V,5MM TAPING		4	L101	2701-000115	INDUCTOR-AXIAL;10UH,10%,2.8X7M	
4	C836	2305-000665	C-FILM;104J, 60V,5MM TAPING		4	L103	2701-000115	INDUCTOR-AXIAL;10UH,10%,2.8X7M	
4	C837	2305-000665	C-FILM;104J, 60V,5MM TAPING		4	L102	2701-000159	INDUCTORAXIAL;22uH,10%,4.2x3.8mm	
4	C843	2305-000665	C-FILM;104J, 60V,5MM TAPING		4	L602	2701-000169	INDUCTORAXIAL;3.9uH,10%,2.5x3.4mm	
4	C844	2305-000665	C-FILM;104J, 60V,5MM TAPING		4	L603	2701-000177	INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM	
4	C914	2305-000665	C-FILM;104J, 60V,5MM TAPING		4	L604	2701-000177	INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM	
4	C916	2305-000665	C-FILM;104J, 60V,5MM TAPING		4	L605	2701-000177	INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM	
4	C922	2305-000665	C-FILM;104J, 60V,5MM TAPING		4	L606	2701-000177	INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM	
4	C923	2305-000665	C-FILM;104J, 60V,5MM TAPING		4	L607	2701-000177	INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM	
4	C925	2305-000665	C-FILM;104J, 60V,5MM TAPING		4	L608	2701-000177	INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM	
4	C619	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm		4	L705	2701-000177	INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM	
4	C620	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm		4	L706	2701-000177	INDUCTOR-AXIAL;33UH,10%,2.5X3.4MM	
4	C621	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm		4	L902	2701-000184	INDUCTOR-AXIAL;4.7UH,10%,2.5X3.4MM	
4	C626	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm		4	L908	2701-000191	INDUCTOR-AXIAL;47UH,10%,2.5X3.4MM	
4	C628	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm		4	L201	2701-000200	INDUCTOR-AXIAL;5.6uH,10%,4.2x9.8mm	
4	C640	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm		4	L811	2701-001030	INDUCTOR-AXIAL;43uH,10%,14x4.5mm	
4	C641	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm		△	L403	2701-001040	COIL INDUCTOR; COIL,10uH,ALO5	
4	C643	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm		4	L601	2702-001094	INDUCTOR-RADIAL;10uH,10%,6x4mm	
4	C912	2401-002075	C-AL;4.7uF,20%,50V,GP,TP,5x11,5mm		4	L609	2702-001094	INDUCTOR-RADIAL;10uH,10%,6x4mm	
4	C644	2401-000192	C-ELEC;CE04-40/8550VT102-MW1SG		4	L901	2702-001094	INDUCTOR-RADIAL;10uH,10%,6x4mm	
4	C648	2401-000192	C-ELEC;CE04-40/8550VT102-MW1SG		4	L903	2702-001094	INDUCTOR-RADIAL;10uH,10%,6x4mm	
4	C816	2401-000262	C-AL;100UF,20%,160V,GP,16X25MM,5MM,		4	L904	2702-001094	INDUCTOR-RADIAL;10uH,10%,6x4mm	
4	C801	2401-000287	C-AL;100UF,20%,16V,WT,6X11MM,5		4	X901	2801-003728	CRYSTAL-UNIT;6MHz,30ppm,28AAM,20pf,40oh	
4	C634	2401-000302	C-AL;100UF,20%,25V,GP,6X11MM,5		4	L203	2901-000297	FILTER-EMI ON BOARD;-.3A,-,3.5x5,TP-	
4	C302	2401-000365	C-AL;100uf,20%,50V,WT,TP,10x12.5mm,		4	L612	2901-000297	FILTER-EMI ON BOARD;-.3A,-,3.5x5,TP-	
4	C307	2401-000365	C-AL;100uf,20%,50V,WT,TP,10x12.5mm,		4	L613	2901-000297	FILTER-EMI ON BOARD;-.3A,-,3.5x5,TP-	
△	C106	2401-000480	C-AL;10UF,20%,50V,GP,5X11MM,5M		4	L804	2901-000297	FILTER-EMI ON BOARD;-.3A,-,3.5x5,TP-	
△	CR02S	2401-000480	C-AL;10UF,20%,50V,GP,5X11MM,5M		4	R434	2901-000297	FILTER-EMI ON BOARD;-.3A,-,3.5x5,TP-	
4	C904	2401-000480	C-AL;10UF,20%,50V,GP,5X11MM,5M		4	L402	2901-000299	FILTER-EMIBEAD;BL02RN2-R65T2DB	
4	C413	2401-000493	C-AL;10UF,20%,50V,WT,5X11MM,5M		4	L410	2901-000299	FILTER-EMIBEAD;BL02RN2-R65T2DB	
4	C832	2401-000493	C-AL;10UF,20%,50V,WT,5X11MM,5M		4	L807	2901-000299	FILTER-EMIBEAD;BL02RN2-R65T2DB	
4	C918	2401-000493	C-AL;10UF,20%,50V,WT,5X11MM,5M		4	L610	3301-000287	CORE-FERRITEBEAD;AA,3.5X1.0X6.	
4	C604	2401-000603	C-AL;1UF,20%,50V,GP,5X11MM,5MM		4	L614	3301-000287	CORE-FERRITEBEAD;AA,3.5X1.0X6.	
4	C612	2401-000603	C-AL;1UF,20%,50V,GP,5X11MM,5MM		4	L615	3301-000287	CORE-FERRITEBEAD;AA,3.5X1.0X6.	
4	C613	2401-000611	C-AL;1UF,20%,50V,WT,5X11MM,5MM		4	L805	3301-000287	CORE-FERRITEBEAD;AA,3.5X1.0X6.	
4	C841	2401-000611	C-AL;1UF,20%,50V,WT,5X11MM,5MM		4	L809	3301-000287	CORE-FERRITEBEAD;AA,3.5X1.0X6.	
4	C818	2401-000722	C-AL;2200uf,20%,25V,WT,TP,16x25,7.5		4	L404	3301-000287	CORE-FERRITEBEAD;AA,3.5X1.0X6.	
4	C835	2401-000722	C-AL;2200uf,20%,25V,WT,TP,16x25,7.5		4	L801	3301-001223	CORE-FERRITE BEAD;AB,-,3.5X5X0.8MM,-,TP,	
4	C660	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5		4	L802	3301-001223	CORE-FERRITE BEAD;AB,-,3.5X5X0.8MM,-,TP,	
4	C602	2401-001026	C-AL;3.3UF,20%,50V,GP,5X11MM,5		4	L803	3301-001223	CORE-FERRITE BEAD;AB,-,3.5X5X0.8MM,-,TP,	
4	C655	2401-001026	C-AL;3.3UF,20%,50V,GP,5X11MM,5		4	L806	3301-001223	CORE-FERRITE BEAD;AB,-,3.5X5X0.8MM,-,TP,	
4	C402	2401-001397	C-AL;47UF,20%,25V,GP,10X16MM,		△	FA801S	3601-000120	FUSE-FERRULE;125V2.5A,FA,GLASS,2.4x7.5m	
4	C838	2401-001513	C-AL;47UF,20%,16V,WT,5X11MM,5M		△	FA802S	3601-001086	FUSE-AXIAL LEAD;125V5A,FAST-ACTING,GLAS	
4	C840	2401-001513	C-AL;47UF,20%,16V,WT,5X11MM,5M		△	FA803S	3601-001228	FUSE-AXIAL LEAD;125V10A,FAST-ACTING,EPO	
4	C422	2401-001527	C-AL;47UF,20%,250V,HR,13X25MM,		4	F801A	3602-000114	FUSE-HOLDER;-,30MOHM	
4	C102	2401-000025	C-ALUMINUM;100uf,20%,16V,GP,TP,6.3x11,5		4	F801B	3602-000114	FUSE-HOLDER;-,30MOHM	
4	C913	2401-000025	C-ALUMINUM;100uf,20%,16V,GP,TP,6.3x11,5		4	D908	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
4	C915	2401-000025	C-ALUMINUM;100uf,20%,16V,GP,TP,6.3x11,5		4	J102	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
4	C917	2401-000025	C-ALUMINUM;100uf,20%,16V,GP,TP,6.3x11,5		4	J103	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
4	C823	2401-000318	C-AL(105C);100UF,20%,25V,WT,8X		4	J104	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
4	C653	2401-002216	C-AL;2200UF,20%,35V,-,16X25,7.		4	J106	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
4	C207	2401-000050	C-AL;10UF,20%,16V,GP,TP,5X11,2,5		4	J107	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
4	C239	2401-000050	C-AL;10UF,20%,16V,GP,TP,5X11,2,5		4	J108	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
4	C603	2401-000050	C-AL;10UF,20%,16V,GP,TP,5X11,2,5		4	J110	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
4	C630	2401-000050	C-AL;10UF,20%,16V,GP,TP,5X11,2,5		4	J114	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
4	C631	2401-000050	C-AL;10UF,20%,16V,GP,TP,5X11,2,5		4	J116	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
4	C645	2401-000050	C-AL;10UF,20%,16V,GP,TP,5X11,2,5		4	J122	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
4	C652	2401-000050	C-AL;10UF,20%,16V,GP,TP,5X11,2,5		4	J124	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
△	C920	2401-000050	C-AL;10UF,20%,16V,GP,TP,5X11,2,5		4	J201	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
△	CR03S	2401-000050	C-AL;10UF,20%,16V,GP,TP,5X11,2,5		4	J204	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
4	C404	2401-002288	C-ELEC;CE04-55/10525VT471-MWVRG		4	J205	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
4	C202	2401-002463	C-ELECTROLYTIC;CE04WTAPG16V470M-M(SG)-VE		4	J206	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
4	C810	2401-002463	C-ELECTROLYTIC;CE04WTAPG16V470M-M(SG)-VE		4	J209	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
4	C811	2401-002463	C-ELECTROLYTIC;CE04WTAPG16V470M-M(SG)-VE		4	J210	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
4	C418	2401-002597	C-AL;220uf,20%,35V,GP,TP,10x12,5,5		4	J211	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
4	C414	2401-002597	C-AL;220uf,20%,35V,GP,TP,10x12,5,5		4	J212	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
4	C827	2401-002619	C-AL;47uf,20%,25V,GP,TP,5x11,5		4	J213	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
4	C833	2401-002619	C-AL;47uf,20%,25V,GP,TP,5x11,5		4	J215	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	
4	C826	2401-003034	C-AL;220UF,20%,16V,WT,TP,8X11.		4	J216	3812-000219	JUMPER-WIRE-SO,COPPER;TA0.6SN/52M/M/A	

[illegible]

Electrical Parts List

Level	Loc. No.	Code No.	Description ; Specification	Remark	Level	Loc. No.	Code No.	Description ; Specification	Remark
4	EY414	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	EY872	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST	
4	EY415	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	EL401	AA60-40011B	EYELET;-ID2.2,0D3.2,-,BSP	
4	EY417	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	EL402	AA60-40011B	EYELET;-ID2.2,0D3.2,-,BSP	
4	EY418	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	EL407	AA60-40011B	EYELET;-ID2.2,0D3.2,-,BSP	
4	EY419	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	EL408	AA60-40011B	EYELET;-ID2.2,0D3.2,-,BSP	
4	EY420	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	EL801	AA60-40011B	EYELET;-ID2.2,0D3.2,-,BSP	
4	EY421	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	EL802	AA60-40011B	EYELET;-ID2.2,0D3.2,-,BSP	
4	EY422	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	EL805	AA60-40011B	EYELET;-ID2.2,0D3.2,-,BSP	
4	EY423	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	EL807	AA60-40011B	EYELET;-ID2.2,0D3.2,-,BSP	
4	EY424	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	EL808	AA60-40011B	EYELET;-ID2.2,0D3.2,-,BSP	
4	EY426	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	EL806	AA60-40011B	EYELET;-ID2.2,0D3.2,-,BSP	
4	EY429	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	GT102	AA60-40014A	PIN-GT,ASSY;1P,-,AUTO	
4	EY430	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	GT301	AA60-40014A	PIN-GT,ASSY;1P,-,AUTO	
4	EY431	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	GT302	AA60-40014A	PIN-GT,ASSY;1P,-,AUTO	
4	EY432	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	GT401	AA60-40014A	PIN-GT,ASSY;1P,-,AUTO	
4	EY433	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	GT402	AA60-40014A	PIN-GT,ASSY;1P,-,AUTO	
4	EY434	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	GT404	AA60-40014A	PIN-GT,ASSY;1P,-,AUTO	
4	EY435	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	GT405	AA60-40014A	PIN-GT,ASSY;1P,-,AUTO	
4	EY436	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	GT406	AA60-40014A	PIN-GT,ASSY;1P,-,AUTO	
4	EY437	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	GT409	AA60-40014A	PIN-GT,ASSY;1P,-,AUTO	
4	EY439	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	GT410	AA60-40014A	PIN-GT,ASSY;1P,-,AUTO	
4	EY441	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	GT411	AA60-40014A	PIN-GT,ASSY;1P,-,AUTO	
4	EY446	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	GT412	AA60-40014A	PIN-GT,ASSY;1P,-,AUTO	
4	EY447	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	GT801	AA60-40014A	PIN-GT,ASSY;1P,-,AUTO	
4	EY603	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	GT802	AA60-40014A	PIN-GT,ASSY;1P,-,AUTO	
4	EY604	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	GT803	AA60-40014A	PIN-GT,ASSY;1P,-,AUTO	
4	EY701	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	GT804	AA60-40014A	PIN-GT,ASSY;1P,-,AUTO	
4	EY702	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	GT805	AA60-40014A	PIN-GT,ASSY;1P,-,AUTO	
4	EY703	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	GT806	AA60-40014A	PIN-GT,ASSY;1P,-,AUTO	
4	EY704	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	GT807	AA60-40014A	PIN-GT,ASSY;1P,-,AUTO	
4	EY705	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		△	DZR01S	0403-001321	DIODE-ZENER;MTZJ6.8C,6.66-7.01V,500mW,DO	
4	EY706	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		△	QR01S	0501-000283	TRANSISTOR;KSA539-Y(TAPG)/YTAM	
4	EY801	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		△	RR04S	2001-000908	R-CARBON ;62Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
4	EY802	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		△	RR06S	2001-000977	R-CARBON;8.2Kohm,5%,1/8W,AA,TP,1.8x3.2m	
4	EY803	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		△	RR05S	2001-001103	R-CARBON(S);20KOHM,5%,1/2W,AA,TP,2.4X6.4	
4	EY804	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		△	RR02S	2001-001149	R-CARBON(S);43KOHM,5%,1/2W,AA,	
4	EY805	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		△	RR03S	2004-005054	R-METAL(S);39KOHM,1%,1/2W,AA,TP,2.4X6.4M	
4	EY806	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		△	RR07S	2004-004029	R-METAL(S);10Kohm,1%,1/2W,AA,TP,2.5x6.5m	
4	EY809	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		△	RR01S	2008-000264	R-FUSIBLE(S);10HM,5%,1W,AF,TP	
4	EY810	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		△	CR04S	2305-000412	C-FILM,MPEF;470NF5%,63V,-5MM	
4	EY812	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	L/LINE	AA68-01544A	LABEL,LINE,ALL MDL COMMON	
4	EY813	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	C650	2401-001192	C-AL;33UF,20%,50V,GP6X11MM,5MM,TP	
4	EY814	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		4	C824	2401-003028	C-AL;100UF,20%,25V,WT,TP6.3K1	
4	EY815	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		3	TSW+SI	0204-000166	SILICON;DCI-2577,S102,75%	
4	EY816	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		3	R/WIRE	AA39-20536G	LEAD CONNECTOR ASSY;1PFF,60MM,1617#22	
4	EY817	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		3	TAPE	0203-001203	TAPE-DOUBLE FACE;#016,T1.6,W10,L1000,NT	
4	EY820	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		2	CBLK+H	6003-000333	SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW	
4	EY824	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		2	DFO+HC	6003-000333	SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW	
4	EY828	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		2	PMAIN+	6003-000333	SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW	
4	EY829	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		2	TBA+HC	6006-001095	SCREW-ASS'Y TAPT;WP;BH,+,M4,L12,ZPC(YEL)	
4	EY830	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		2	HC	AA61-01235A	HOLDER-CHASSIS;DP 27,AA61-01190A	
4	EY831	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		2	CWHC	AA65-00011B	CLAMP-WIRE;ALL MODEL,NYLON 66,V2,NTR,15M	
4	EY832	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		2	DRES1	AA65-30018A	CLAMP-WIRE,-,NYLON6.6,-,DATL	
4	EY835	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		2	A/DF	AA96-01257A	ASSY PCB P,DYNAMIC FOCUS,TXM3098WHF,DVI;	
4	EY836	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		3	LH01	AA26-90002C	TRANS-DUMMY,-,3.5MH,EER2834,13	
4	EY837	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		3	LH02	AA27-40003L	COIL-HORIZ;WIDTH,-,1.0mH,DR14x20,2UEW0.4	
4	EY839	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		3	QH02	0501-000283	TRANSISTOR;KSA539-Y(TAPG)/YTAM	
4	EY840	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		3	QH04	0501-000283	TRANSISTOR;KSA539-Y(TAPG)/YTAM	
4	EY841	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		3	QH03	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM	
4	EY842	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		3	RH09	2001-000008	R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4	EY844	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		3	RH19	2001-000109	R-CARBON(S);470OHM,5%,1/2W,AA,	
4	EY845	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		3	RH07	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP	
4	EY846	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		3	RH02	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP	
4	EY848	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		3	RH03	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP	
4	EY850	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		3	RH12	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP	
4	EY851	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		3	RH14	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP	
4	EY853	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		3	RH15	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP	
4	EY854	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		3	RH10	2001-000331	R-CARBON;12KOHM,5%,1/8W,AA,TP	
4	EY855	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		3	RH06	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP	
4	EY856	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		3	RH11	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP	
4	EY857	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		3	RH08	2001-000812	R-CARBON;5.6Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
4	EY858	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		3	RH23	2001-001055	R-CARBON/METALFILM;RD1,ZT1.8K-J	
4	EY859	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		3	RH16	2001-001078	R-CARBON(S);15KOHM,5%,1/2W,AA,	
4	EY864	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		3	RH05	2001-001108	R-CARBON(S);22KOHM,5%,1/2W,AA,	
4	EY865	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		3	RH04	2001-001144	R-CARBON(S);4.7KOHM,5%,1/2W,AA,TP,2.4X6.	
4	EY871	AA60-40011A	EYELET;-ID2.0,0D2.8,-,BST		3	RH17	2001-001144	R-CARBON(S);4.7KOHM,5%,1/2W,AA,TP,2.4X6.	

Level	Loc. No.	Code No.	Description ; Specification	Remark	Level	Loc. No.	Code No.	Description ; Specification	Remark
3	RH18	2001-001163	R-CARBON(S);560OHM,5%,1/2W,AA,		3	RS27	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP	
3	RH01	2001-001165	R-CARBON(S);560HM,5%,1/2W,AB,T		3	RF22	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP	
3	RH13	2001-001174	R-CARBON;62KOHM,5%,1/2W,AA,TP,2.4X6.4MM		3	RF25	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP	
3	RH20	2003-002170	R-METAL OXIDE(S);15Kohm,5%,2W,AG,TP,3.9x		3	RF28	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP	
3	RH21	2003-002170	R-METAL OXIDE(S);15Kohm,5%,2W,AG,TP,3.9x		3	RF21	2001-000258	R-CARBON;1.8Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
3	RH22	2003-002170	R-METAL OXIDE(S);15Kohm,5%,2W,AG,TP,3.9x		3	RS30	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP	
3	RH28	2008-001113	R-FUSIBLE(S);0.22ohm,10%,2W,AG,TP,3.9x12		3	RS62	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP	
3	CH04	2401-000302	C-AL;100UF,20%,25V,GP8X11MM,5		3	RS63	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP	
3	CH06	2401-000302	C-AL;100UF,20%,25V,GP8X11MM,5		3	RS22	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP	
3	CH01	2401-000832	C-AL;220UF,20%,25V,GP8X11MM,5		3	RS64	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP	
3	CH03	2401-000025	C-ALUMINUM;100uf,20%,16V,GP,TP,6.3x11,5		3	RF20	2001-000331	R-CARBON;12KOHM,5%,1/8W,AA,TP	
3	CH05	2401-000025	C-ALUMINUM;100uf,20%,16V,GP,TP,6.3x11,5		3	RS40	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
3	CH02	2401-002009	C-AL;100UF,20%,16V,GP,TP,6.3X7		3	RS54	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
3	COVER	AA41-00589A	PCB-DYNAMIC/FOCUS;CT-29M8HR,FR-1,1LA,1.		3	RS55	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
3	EY01	AA60-40011A	EYELET;ID2.0,0D2.8,--,BST		3	RS56	2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
3	EY02	AA60-40011A	EYELET;ID2.0,0D2.8,--,BST		3	RS07	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP	
3	EY03	AA60-40011A	EYELET;ID2.0,0D2.8,--,BST		3	RF23	2001-000554	R-CARBON;270OHM,5%,1/8W,AA,TP	
3	EY04	AA60-40011A	EYELET;ID2.0,0D2.8,--,BST		3	RS20	2001-001015	R-CARBON;9.1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	
3	EY05	AA60-40011A	EYELET;ID2.0,0D2.8,--,BST		3	RS23	2001-000890	R-CARBON;6.8KOHM,5%,1/8W,AA,TP	
3	EY06	AA60-40011A	EYELET;ID2.0,0D2.8,--,BST		3	RS08	2001-000958	R-CARBON;750ohm,5%,1/8W,AA,TP,1.8x3.2mm	
3	EY07	AA60-40011A	EYELET;ID2.0,0D2.8,--,BST		3	RS66	2001-001040	R-CARBON(S);0.68OHM,5%,1/2W,AA	
3	EY08	AA60-40011A	EYELET;ID2.0,0D2.8,--,BST		3	RS04	2001-001045	R-CARBON(S);1.2KOHM,5%,1/2W,AB	
3	EY09	AA60-40011A	EYELET;ID2.0,0D2.8,--,BST		3	RS05	2001-001045	R-CARBON(S);1.2KOHM,5%,1/2W,AB	
3	EY10	AA60-40011A	EYELET;ID2.0,0D2.8,--,BST		3	RF33	2001-001053	R-CARBON(S);1.5OHM,5%,1/2W,AA	
3	EY11	AA60-40011A	EYELET;ID2.0,0D2.8,--,BST		3	RS65	2001-001071	R-CARBON(S);12KOHM,5%,1/2W,AA	
3	EY12	AA60-40011A	EYELET;ID2.0,0D2.8,--,BST		3	RF29	2001-001071	R-CARBON(S);12KOHM,5%,1/2W,AA	
3	EY13	AA60-40011A	EYELET;ID2.0,0D2.8,--,BST		3	RF18	2001-001079	R-CARBON(S);15OHM,5%,1/2W,AB,T	
3	GTH01	AA60-40014A	PIN-GT,ASSY;1P,--,AUTO		3	RF19	2001-001079	R-CARBON(S);15OHM,5%,1/2W,AB,T	
3	GTH02	AA60-40014A	PIN-GT,ASSY;1P,--,AUTO		3	RS03	2001-001088	R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4	
3	GTH03	AA60-40014A	PIN-GT,ASSY;1P,--,AUTO		3	RS18	2001-001095	R-CARBON(S);2.2MOHM,5%,1/2W,AA,TP,2.4X6.	
3	GTH04	AA60-40014A	PIN-GT,ASSY;1P,--,AUTO		3	RF34	2001-001100	R-CARBON(S);2.7OHM,5%,1/2W,AA	
3	QH01	0502-000442	TR-POWER;2SC4636RB,NPN,2W,TO-220,ST,10-		3	RS61	2001-001126	R-CARBON(S);300OHM,5%,1/2W,AB,TP,2.4X6.4	
3	ICH01	1201-000191	IC;MC4558C		3	RS16	2001-001153	R-CARBON(S);47OHM,5%,1/2W,AA,T	
3	CH10	2303-000128	C-FILM,PPF;12nf,5%,1.6KV,BK,31x21x14,25m		3	RF26	2001-001179	R-CARBON(S);68KOHM,5%,1/2W,AA	
3	CH07	2306-000327	C-FILM;CF922P1.6KV,T632-H-25/85		3	RF27	2001-001179	R-CARBON(S);68KOHM,5%,1/2W,AA	
3	CNH01	AA39-20005B	LEAD CONNECTOR-ASSY;3PYFH800-025-03,67096		3	RS25	2002-001006	R-COMPOSITION;4.7KOhm,5%,1/2W,AA,TP,3.7X	
3	GTH01S	AA39-20061C	LEAD CONNECTOR-ASSY;3PYFH800-03,S,200,		3	RS13	2002-001017	R-COMPOSITION;1K,10%,1/2W,AA,TP,3.7x9.0m	
3	GT807S	AA39-20010A	LEAD CONNECTOR-ASSY;1PYFH800-01,S,200,		3	RS14	2002-001017	R-COMPOSITION;1K,10%,1/2W,AA,TP,3.7x9.0m	
2	C-BLOC	AA26-00069A	TRANS FB;FUJ-29C002C(S),DREAM3,4,--,		3	RS15	2002-001017	R-COMPOSITION;1K,10%,1/2W,AA,TP,3.7x9.0m	
2	A/CRT	AA96-01513A	ASSY PCB-CRT;K55A,TXN2670,3298		3	RS28	2003-000458	R-METALOXIDE(S);100OHM,5%,2WA	
3	D501	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING		3	RF36	2003-000652	R-METAL OXIDE(S);330ohm,5%,2W,AF,TP,4x12	
3	DF01	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING		3	RF32	2003-000746	R-METALOXIDE(S);560HM,5%,2W,AD	
3	DF02	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING		3	RF35	2003-000746	R-METALOXIDE(S);560HM,5%,2W,AD	
3	DF05	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING		3	RF24	2003-001018	R-METALOXIDE;220OHM,2W	
3	DF06	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING		3	RF14	2003-002276	R-METAL OXIDE(S);2.2KOHM,5%,2W,AG,TP,12X	
3	D502	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.		3	RF15	2003-002276	R-METAL OXIDE(S);2.2KOHM,5%,2W,AG,TP,12X	
3	D509	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.		3	RF16	2003-002276	R-METAL OXIDE(S);2.2KOHM,5%,2W,AG,TP,12X	
3	D510	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.		3	RS12	2004-001369	R-METAL(S);1.2Kohm,1%,1/2W,AA,TP,2.4x6.4	
3	D511	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.		3	RF13	2008-001014	R-FUSIBLE(S);22ohm,5%,1W,AF,TP,3.2x10mm	
3	D512	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.		3	RS29	2008-001129	R-FUSIBLE(S);1.5OHM,5%,1/2W,AF,TP,2.5	
3	D513	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.		3	RS41	2008-001053	R-FUSIBLE;22OHM,5%,1/2W,AF,TP	
3	D514	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.		3	CF03	2201-000192	C-CERAMIC,DISC;10PF,0.25PF,500V,NPO,--,5M	
3	DF07	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.		3	CF06	2201-000192	C-CERAMIC,DISC;10PF,0.25PF,500V,NPO,--,5M	
3	DF08	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.		3	CS01	2201-000247	C-CERAMIC,DISC;15PF,5%,50V,CH	
3	DZF03	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500		3	CS10	2201-000291	C-CERAMIC,DISC;1NF,10%,500V,Y5	
3	DZ503	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500		3	CF02	2201-000017	C-CERAMIC,DISC;1NF,10%,50V,Y5P4X3.5MM,5	
3	DZ504	0403-000698	DIODE-ZENER;TZP12A,12V,11.4-12.6V,1W,DO-		3	CF04	2201-000516	C-CERAMIC,DISC;4.7NF,+100-0%,5	
3	DZ501	0403-000708	DIODE-ZENER;MTZJ13B,13V,12.55-13.21V,500		3	CS14	2201-000599	C-CERAMIC,DISC;560PF,10%,500V,	
3	DZ502	0403-000708	DIODE-ZENER;MTZJ13B,13V,12.55-13.21V,500		3	CS15	2201-000599	C-CERAMIC,DISC;560PF,10%,500V,	
3	DZ510	0403-000734	DIODE-ZENER;TZP15B,15V,14.7-16.5V,1W,DO-		3	CS13	2201-000600	C-CERAMIC,DISC;560PF,10%,50V,Y5P4X3.5MM	
3	DZF01	0403-001039	DIODE ZENER;MA2560,56V,52-60V,1W,DO-41,T		3	CF07	2201-000604	C-CERAMIC,DISC;56PF,+100-0%,50	
3	DZF02	0403-001039	DIODE ZENER;MA2560,56V,52-60V,1W,DO-41,T		3	CS04	2301-000016	C-FILMPEF;22NF,5%,100V,TP,7.2X	
3	Q501	0501-000283	TRANSISTOR;KSA539-Y(TAPG)/YTAM		3	CS05	2301-000016	C-FILMPEF;22NF,5%,100V,TP,7.2X	
3	Q502	0501-000283	TRANSISTOR;KSA539-Y(TAPG)/YTAM		3	CS06	2301-000016	C-FILMPEF;22NF,5%,100V,TP,7.2X	
3	Q503	0501-000283	TRANSISTOR;KSA539-Y(TAPG)/YTAM		3	CS07	2301-000016	C-FILMPEF;22NF,5%,100V,TP,7.2X	
3	Q504	0501-000283	TRANSISTOR;KSA539-Y(TAPG)/YTAM		3	CS09	2301-000016	C-FILMPEF;22NF,5%,100V,TP,7.2X	
3	QF04	0501-000283	TRANSISTOR;KSA539-Y(TAPG)/YTAM		3	CF05	2301-000261	C-FILM,PEF;4.7NF,5%,100V,10.5X	
3	QF02	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM		3	CS08	2301-001211	C-FILM,PPF;22nf,5%,400V,TP,20x7x14,7.5mm	
3	QF03	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM		3	CS11	2301-001211	C-FILM,PPF;22nf,5%,400V,TP,20x7x14,7.5mm	
3	QF05	0501-000389	TRANSISTOR;KSC815-Y(TAPG)/YTAM		3	CS12	2301-001211	C-FILM,PPF;22nf,5%,400V,TP,20x7x14,7.5mm	
3	RS31	2001-000539	R-CARBON;24KOHM,5%,1/8W,AA,TP		3	CS26	2301-001211	C-FILM,PPF;22nf,5%,400V,TP,20x7x14,7.5mm	
3	RF17	2001-000019	R-CARBON(S);10ohm,5%,1/2W,AA,TP,2.4x6.4m		3	CS33	2305-000665	C-FILM;104J, 60V,5MM TAPING	
3	RS60	2001-000052	R-CARBON(S);3.3KOHM,5%,1/2W,AA		3	CF75	2401-000045	C-AL;10uf,20%,160V,GP,TP,10x16,5	
3	RF30	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP		3	CF01	2401-000360	C-AL;100UF,20%,50V,GP8X11MM,5	
3	RF31	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP		3	CS20	2401-000703	C-ELEC;CE04-40/8525V,T222-MWSD	
3	RS01	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP		3	CS28	2401-000832	C-AL;220UF,20%,25V,GP8X11MM,5	
3	RS02	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP		3	CS34	2401-000832	C-AL;220UF,20%,25V,GP8X11MM,5	

Level	Loc. No.	Code No.	Description ; Specification	Remark	Level	Loc. No.	Code No.	Description ; Specification	Remark
3	CF71	2401-000832	C-AL;220UF;20%;25V;GP8X11MM,5		3	IC505	1203-000165	IC-POS1ADJUSTREG;78R12,T0-22	
3	C535	2401-000913	C-AL;22uF;20%;16V;GPTP5x11,5		3	QF10	AA96-00243L	ASSY H/S;-;CRT;AA62-00045A;2SC2344,HERC	
3	CF73	2401-000927	C-AL;22UF;20%;250V;GP;13X20MM,		4		0205-000129	GREASE-SILICON;SC102,JAPAN	
3	C532	2401-001563	C-AL;47uF;20%;400V;GP;TP;16x25mm,7,5		4		0502-000153	TR-POWER;2SC2344-D,NPN,180V,16	
3	CF74	2401-000025	C-ALUMINUM;100uF;20%;16V;GP;TP6.3x11,5		4		6003-000335	SCREW-TAPTITE;RH;+2S,M3,L8,ZPC(YEL),SWR	
3	C531	2401-002264	C-AL;10UF;20%;350V;GRT;P;10X20		4		AA62-00045A	HEAT SINK-PS;-;T1.0;-;DREAM;-;-;-;	
3	LF03	2701-000112	INDUCTOR-AXIAL;100UH,10%,2.8X7		3	QF09	AA96-00243M	ASSY H/S;-;AMPA62-00045A;2SA1011,HERC	
3	LS02	2701-000178	INDUCTOR-AXIAL;33UH,10%,2.8X7MM		4		0205-000129	GREASE-SILICON;SC102,JAPAN	
3	LF01	2901-000297	FILTER-EMI ON BOARD;-;3A;-;-;3.5x5,TP-		4		0502-000131	TR-POWER;2SA1011-D,PNP;180V,-	
3	LF02	2901-000297	FILTER-EMI ON BOARD;-;3A;-;-;3.5x5,TP-		4		6003-000335	SCREW-TAPTITE;RH;+2S,M3,L8,ZPC(YEL),SWR	
3	LF04	2901-000297	FILTER-EMI ON BOARD;-;3A;-;-;3.5x5,TP-		4		AA62-00045A	HEAT SINK-PS;-;T1.0;-;DREAM;-;-;-;	
3	LF06	2901-000297	FILTER-EMI ON BOARD;-;3A;-;-;3.5x5,TP-		3	IC501	AA96-50311L	ASSY H/S;-;AMPA62-30175D ,TDA6111Q,HE	
3	LF08	2901-000297	FILTER-EMI ON BOARD;-;3A;-;-;3.5x5,TP-		3	IC502	AA96-50311L	ASSY H/S;-;AMPA62-30175D ,TDA6111Q,HE	
3	LF09	2901-000297	FILTER-EMI ON BOARD;-;3A;-;-;3.5x5,TP-		3	IC503	AA96-50311L	ASSY H/S;-;AMPA62-30175D ,TDA6111Q,HE	
3	J502	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4		1201-001131	IC-VIDEO AMP;6111,SIP9P,-;SINGLE;-;PLAS	
3	J503	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4		6003-000334	SCREW-TAPTITE;RH;+2S,M3,L6,ZP	
3	J504	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4		AA62-30175D	HEATSINK-PS;-;SECC,T1.0;-;33X15X30FT-2	
3	J505	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		3	IC504	BH99-00038E	ASSY HEAT/SINK;TDA2030,AMP;HERCULES,BH62	
3	J506	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4		0205-001027	OIL-SILICON;G746	
3	J507	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4		1201-000010	IC-OP AMP;2030,PENTAWATT;5P,-;SINGLE;-;C	
3	J510	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4		BH61-00004A	SPRING TR;SUS304,W1/2H,T0.4,W3.5	
3	J511	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		4		BH62-00041A	HEAT SINK-TR;	
3	J512	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		3	FV1	3711-002642	POST-HEADER;67094-003(AUTO)	
3	J514	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		3	CNC03	3711-002642	POST-HEADER;67094-003(AUTO)	
3	J515	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		3	FN1	3711-002643	POST-HEADER;YW025-04(AUTO)	
3	J519	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		3	BAND	AA63-10002B	BAND-TIE;-;NYLON66V2;-;-;L140,NTR;-;-	
3	J520	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		3	C503	2201-000662	C-CERAMIC,DISC;0.007nF;0.25pF;50V,NP0,TP	
3	J525	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		3	C502	2201-002031	C-CERAMIC,DISC;5pF;0.25pF;50V,NP0,TP;5x3	
3	JF02	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		ASSY COVER FRONT				
3	JF04	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		1	A/CFRO	AA90-04549D	ASSY COVER FRONT;34A10	
3	R517	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		2	PP+CF	6003-001019	SCREW-TAPTITE;RH;+B,M4,L12,ZPC(BLK),SWR	
3	R526	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		2	HPC+CF	6003-001019	SCREW-TAPTITE;RH;+B,M4,L12,ZPC(BLK),SWR	
3	R521	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A		2	PAV+HA	6003-001023	SCREW-TAPTITERWH;+B,M3,L10,ZPC(YEL)	
3	00VER	AA41-00890A	PCB CRT;CT-29A10,,A,,,K55A,4,,		2	AHS+CF	6006-001095	SCREW-ASSY TAPT;WP;BH;+M4,L12,ZPC(YEL)	
3	EL100	AA60-40011B	EYELET;-;ID2.2,OD3.2,-;-;BSP		2	CRT+CF	AA60-10050V	SCREW-ASSY;WC;HH;+M6,L30,SWRCH18A,ZPC(S	
3	EL80	AA60-40011B	EYELET;-;ID2.2,OD3.2,-;-;BSP		2	A/HSPK	AA91-00507A	ASSY HOLDER SPK;-;80HM/15W;-;ASSY HOLD	
3	EL81	AA60-40011B	EYELET;-;ID2.2,OD3.2,-;-;BSP		2	R/CAP	AA73-00005B	RUBBER-CAP;FLAT;PRJ,SILICONE RUBBER,WHIT	
3	EL82	AA60-40011B	EYELET;-;ID2.2,OD3.2,-;-;BSP		2	R/CAP	AA73-00020A	RUBBER-CAP;32A10,RUBBER	
3	EL83	AA60-40011B	EYELET;-;ID2.2,OD3.2,-;-;BSP		2	RC+CF	0203-001290	TAPE-OPP MASKING;ANT 100C,T0.073,W30,L50	
3	EL84	AA60-40011B	EYELET;-;ID2.2,OD3.2,-;-;BSP		2	L/QMS	AA68-02391A	LABEL-QMS;ART-PAPER(90)G;110x24mm	
3	EL85	AA60-40011B	EYELET;-;ID2.2,OD3.2,-;-;BSP		2	BADGE	AA64-70124C	BADGE-BRAND;AL;R2500,SILVER,L=70,SAMSUNG	
3	EL86	AA60-40011B	EYELET;-;ID2.2,OD3.2,-;-;BSP		2	CWFC	AA65-00011C	CLAMP-WIRE;ALL MODEL,NYLON 66,V2,NTR,25M	
3	EL87	AA60-40011B	EYELET;-;ID2.2,OD3.2,-;-;BSP		2	CWFC	AA65-30105A	CLAMP-WIRE;NYLON 66N,VO,NTR,15MM	
3	EL88	AA60-40011B	EYELET;-;ID2.2,OD3.2,-;-;BSP		2	SPK+BC	AA65-30018A	CLAMP-WIRE;-;NYLON6.6;-;-;DATL	
3	EL89	AA60-40011B	EYELET;-;ID2.2,OD3.2,-;-;BSP		2	C/DCOI	AA65-30018A	CLAMP-WIRE;-;NYLON6.6;-;-;DATL	
3	EL92	AA60-40011B	EYELET;-;ID2.2,OD3.2,-;-;BSP		2	FC	AA96-01474A	ASSY COVER P-FRONT;34A10,HIPS V0,G4309,S	
3	EL94	AA60-40011B	EYELET;-;ID2.2,OD3.2,-;-;BSP		3	WRL+CF	6003-001019	SCREW-TAPTITE;RH;+B,M4,L12,ZPC(BLK),SWR	
3	EL95	AA60-40011B	EYELET;-;ID2.2,OD3.2,-;-;BSP		3	SPRING	AA61-60003J	SPRING ETC-CS;-;SUS304;-;-;006,N7,006,-	
3	EL96	AA60-40011B	EYELET;-;ID2.2,OD3.2,-;-;BSP		3	WRL	AA64-03337A	WINDOW-RMC,LED;32A10,A11,PC,CLR	
3	EL97	AA60-40011B	EYELET;-;ID2.2,OD3.2,-;-;BSP		3	ID	AA64-03380A	INLAY-DECORATION;S32A10,PVC SHEET,T0.5	
3	EL98	AA60-40011B	EYELET;-;ID2.2,OD3.2,-;-;BSP		3	KP	AA64-03343A	KNOB-POWER;32A10,ABS,HB,G3676,SVM3012	
3	EL99	AA60-40011B	EYELET;-;ID2.2,OD3.2,-;-;BSP		3	CF	AA64-03376A	CABINET-FRONT;S34A10,HIPS	
3	GT501	AA60-40014A	PIN-GT,ASSY;1P;-;-;AUTO		3	SF+CF	AA60-00091J	SPACER-FELT;-;FELT,330X10;-;-;BLK,T0.5,-	
3	GT502	AA60-40014A	PIN-GT,ASSY;1P;-;-;AUTO		3	TAPE	0203-001085	TAPE-DOUBLE FACE;#4929,T0.64,W12,-;BLK	
3	GT503	AA60-40014A	PIN-GT,ASSY;1P;-;-;AUTO		2	APAV	AA96-01502A	ASSY PCB P-SIDE A/V;TXM2771HF,K55A	
3	GT504	AA60-40014A	PIN-GT,ASSY;1P;-;-;AUTO		3	DZ701	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
3	GT505	AA60-40014A	PIN-GT,ASSY;1P;-;-;AUTO		3	DZ702	0403-000708	DIODE-ZENER;MTZJ13B,13V,12.55-13.21V,500	
3	R509	2008-000205	R-FUSIBLE(S);100HM,5%,1/2W,AF		3	DZ703	0403-000708	DIODE-ZENER;MTZJ13B,13V,12.55-13.21V,500	
3	R519	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP		3	R701	2001-000028	R-CARBON(S);1000HM,5%,1/2W,AB,	
3	C536	2202-000121	C-CERAMIC,MLC-AXIAL;100pF;10%;50V,Y5P,TP		3	R702	2001-000028	R-CARBON(S);1000HM,5%,1/2W,AB,	
3	C537	2202-000121	C-CERAMIC,MLC-AXIAL;100pF;10%;50V,Y5P,TP		3	C701	2202-000121	C-CERAMIC,MLC-AXIAL;100pF;10%;50V,Y5P,TP	
3	C538	2202-000121	C-CERAMIC,MLC-AXIAL;100pF;10%;50V,Y5P,TP		3	C702	2202-000121	C-CERAMIC,MLC-AXIAL;100pF;10%;50V,Y5P,TP	
3	C539	2202-000632	C-CERAMIC,MLC-AXIAL;100nF;20%;50V,Z5U,TP		3	C707	2202-000231	C-CERAMIC,MLC-AXIAL;330PF;10%;50V,Y5P,3	
3	LF11	2702-001092	INDUCTOR-RADIAL;2.2uH,10%,6x4mm		3	C708	2202-000231	C-CERAMIC,MLC-AXIAL;330PF;10%;50V,Y5P,3	
3	R506	2004-005055	R-METAL(S);86KOHM,1%,1/2W,AA,TP2.4X6.4M		3	L701	2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3	
3	R510	2004-005055	R-METAL(S);86KOHM,1%,1/2W,AA,TP2.4X6.4M		3	L702	2701-000114	INDUCTOR-AXIAL;10UH,10%,2.5X3	
3	R511	2004-005055	R-METAL(S);86KOHM,1%,1/2W,AA,TP2.4X6.4M		3	L705	2701-000168	INDUCTORAXIAL;3.3uH,5%,2.5x3.4mm	
3	C522	2201-002117	C-CERAMIC,DISC;4.7nF;20%;3KV,Y5U,TP16x6		3	L706	2701-000168	INDUCTORAXIAL;3.3uH,5%,2.5x3.4mm	
3	C523	2306-000272	C-FILM,MPPF;820nF;5%;400V,BK,29x25.5x18		3	L707	3301-000287	CORE-FERRITEBEAD;AA,3.5X1.0X6	
△	V999S	3704-001032	SOCKET-CRT;8P;29PI,35.PI,AU30U		3	L708	3301-000287	CORE-FERRITEBEAD;AA,3.5X1.0X6	
3	CNC01	3711-003974	CONNECTOR-HEADER;BOX,12P;1R,2.5mm,STRAIG		3	J701	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A	
3	SC01	3722-001503	JACK-PIN;1P;1P;N,RED,SCR-JACK		3	J702	3812-000219	JUMPER-WIRE-SQ,COPPER;TA0.6SN/52M/M/A	
3	CNC01A	AA39-00088A	LEAD CONNECTOR-ASSY;HERCULES,UL1007/1185						
△	GT503S	AA39-200108	LEAD-CONNECTOR,ASSY;-;YFH800-01,500MM,1P						
3	CNC03A	AA39-20016D	LEAD-CONNECTOR,ASSY;-;67096-003,S,3P500						
3	CNC02A	AA39-20068B	LEAD CONNECTOR-ASSY;-;8PYBNH025-08,67096						

Level	Loc. No.	Code No.	Description ; Specification	Remark	Level	Loc. No.	Code No.	Description ; Specification	Remark
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3	00VER	AA41-00891A	PCB-A/V SIDE;CT-29A10,,,A,,,K55A,10,,	
3	JK04	3722-000544	JACK-VHS;4P;11.5mm,AG,BLK,N	
3	JKH01	3722-001061	JACK-PHONE;1P;3.6MM,AG,BLK,N	
3	JA701	3722-001164	JACK-PIN;3P;3.4mm,SN,WH,YE,RE,#16-22	
3	CN704	AA39-00070B	LEAD CONNECTOR-ASSY;4PYBNH250-04,35184	
3	CN703	AA39-20069A	LEAD-CONNECTOR,ASSY;YBNH025-	
3	CN701	AA39-20071H	LEAD CONNECTOR;K55A/CT-29A10HR,UL1007#26	
2	APTS	AA96-01503A	ASSY PCB P-TACT S/VV;TXN2771HF,K55A	
3	DC01	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING	
3	DC02	0401-000005	DIODE;1N4148,100V,300mA,1V,8nS,TAPING	
3	RC01	2001-000020	R-CARBON(S);220HM,5%,1/2W,AA,T	
3	RC02	2001-000281	R-CARBON;1000HM,5%,1/8W,AA,TP	
3	CC01	2401-002291	C-ELECTROLYTIC;CE04WTPAG16V47M	
3	00VER	AA41-00907A	PCB-LED(TACT);CT-29A10,A,K55A,12	
3	LD02	0601-000262	LED;ROUND,RED,5mm,700nm	
3	SW01	3404-000176	SWITCH-TACT;12V,50MA,90-150GF,	
3	RM01	AA32-00012A	MODULE REMOCON;ORC-50HF2,38KHZ,940NM,MES	
3	CN01	AA39-20055C	LEAD CONNECTOR ASSY;YBNH025-06,67096-006	
2	T/PAD	AA96-01462A	ASSY BOARD P-FUNCTION;CT-29A10HR,FUNCTIO	
2	A/HAV	AA96-01365F	ASSY COVER P-HOLDER AV,ABS HB,G4309,SV01	
3	HAV	AA61-01286C	HOLDER-AV;29A11,ABS HB,G4309,SVM3012	
3	LD	AA61-30001A	LATCH-DOOR;-,KIFUCOLA701,-	
3	INAV	AA64-00246P	INLAY AV;29A11,SHEET PS,T0.3,K55A DO SIL	
3	DAV	AA64-03346D	DOOR-AV;29A11,ABS HB,G4309,SVM3012	
3	INPC	AA64-60446C	INLAY-PC;JACK;29A6,L/GRAY,PS SHEET,T0.5,	
3	SF+DAV	AA63-00099D	SPACER-FELT;A10,FELT,WHITE,T0.5,20*10	

ASSY COVER REAR

1	A/CREA	AA90-04552C	ASSY COVER REAR;TXN3271HFX/XAA,SAMEX	
2	BC	AA64-03379A	CABINET BACK;S34A10,HIPS	
2	SPBC	AA60-00091J	SPACER-FELT;FELT,330X10,-,BLK,T0.5,-	
2	INBC	AA64-60421C	INLAY-COVER;PS,T0.3,-,BLK,SEA	
2	AC+BC	AA65-30008A	CLAMP-CORD;-,PE,HB,BLK,-,	
2	CB+CF	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	
2	CB+TBA	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	
2	TB+RCA	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	
2	F/BOX	AA65-30018A	CLAMP-WIRE;NYLON6.6,-,DATL	
2	FBT	AA65-30018A	CLAMP-WIRE;NYLON6.6,-,DATL	
2	ADH-SI	0201-001059	ADHESIVE-SILICON;B#9590,CARTRIGE	
2	L/DHHS	AA68-01065J	LABEL-D.H.H.S;TSL3293HFX/XAA,A/P120(G),S	
2	L/STAR	AA68-01557A	LABEL ENERGY;STAR,STATIC FREE FILM	
2	L/RAT	AA68-02692A	LABEL RATING;WHITE-PAPER,60X90MM,SEA/SEC	
2	TBA	AA96-01519A	ASSY COVER P-TERMINAL BOARD;DP AA96-0141	
2	INL/TB	AA64-03410C	INLAY-TERMINAL;29A10,PS,SHEET,T0.5,-,BLK	

ASSY P/MATERIAL

1	A/PMAT	AA92-07645B	ASSY P/MATERIAL;34A10,SAMEX	
2	BOX	0203-001295	TAPE-OPP MASKING;1242,T0.06,W100,L91.4M,	
2	STAPLE	AA60-40006A	PIN-STAPLE;-,H18,33X17.8X2	
2	C/SET	AA69-02078A	CUSHION-SET;S34A10,PS FOAMED,C=0.02	
2	PE-BAG	AA69-01210A	BAG;SHEET,32-36,W65,L63,FOAM,OEM.	

ASSY BOX

1	A/BOX	AA92-07642C	ASSY BOX;TXN3271HFX/XAA	
2	PCK	AA69-02106A	PACKING CASE;34A10(SAMEX),D-5 AB,A1,985,	
2	L/BOX	AA68-01542A	LABEL;(UNIBOX),PAPER WHT ALLMD	

ASSY CPT

1	A/CPT	AA91-03995U	ASSY CPT;A800EA891X,34,+380MG,ITC	
△	2	CRT	AA03-00357A	CRT COLOR;A800EA891X002,+380MG,0.35MH,9.
2	D-COIL	AA27-00275A	COIL DEGAUSSING;SDI 34,14MH,10%,60TS,1	
2	A/TBC	AA98-70011F	ASSY TBC WIRE(P);-,34inch,NTSC,2P-WH,KS4	
2	S/CRT	AA63-60004L	SPACER-GUM,CRT;NTR RUBBER;-,BLK,T3	
2	TILT/C	AA63-10002B	BAND-TIE;NYLON66V2,-,L140,NTR,-,	
2	TILT	AA27-00284A	COIL DEGAUSSING;CPTTV,48MH,10%,270TS,-,	
2	H/D-CO	AA61-01258A	HOLDER-D,COIL,NYLON,34M9,T3.0	

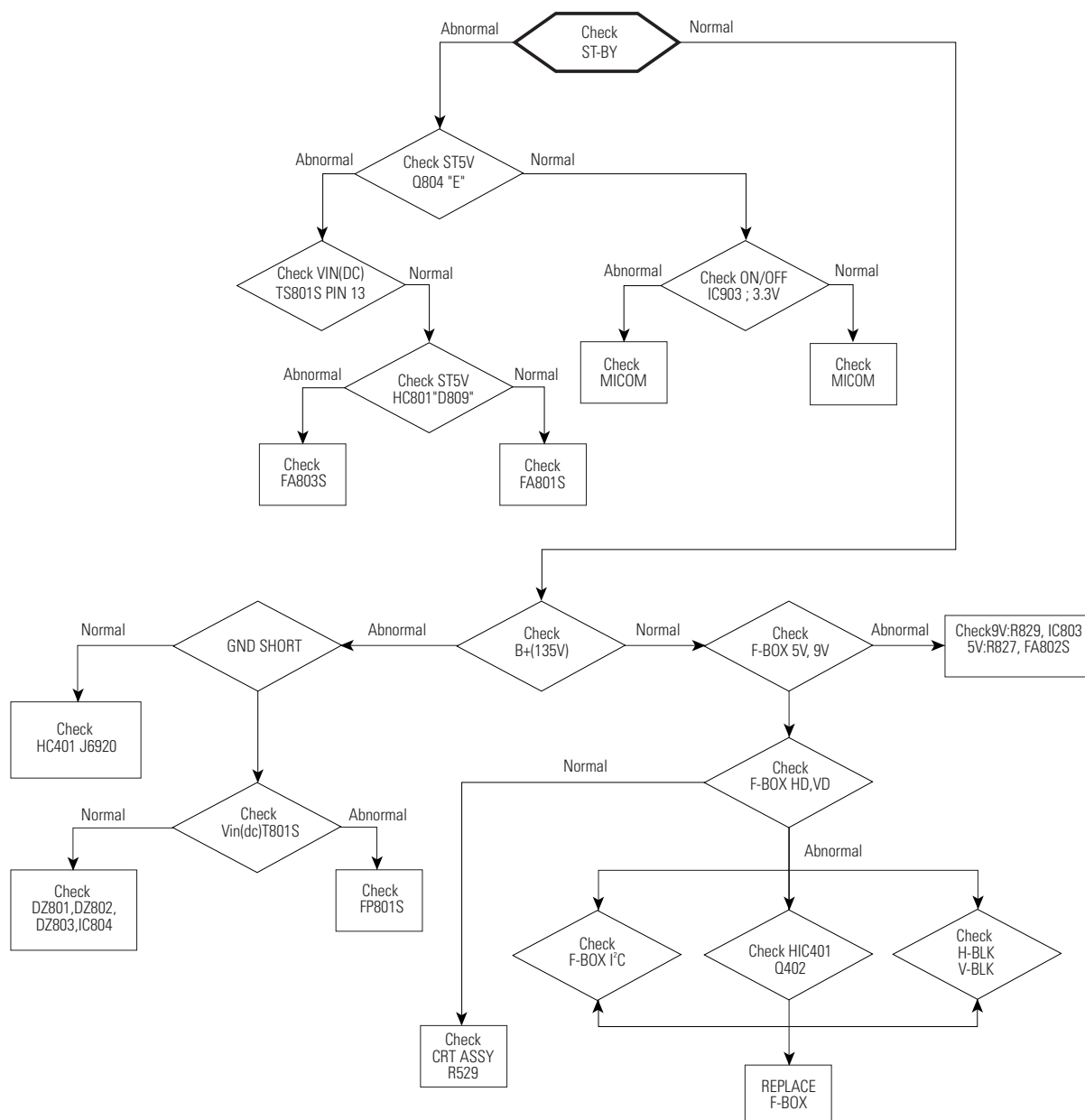
ASSY ACCESSORY

1	A/ACCS	AA92-07547G	ASSY ACCESSORY;TXN2771HFX/XAA,K55A	
2	BATT	4301-000120	BATTERY-MIN;1.5V,-AA	
2	RMT	AA59-00251B	REMOCON;TM58,YOUNG STAR,41,SS,G6671B,MBR	
2	W/CARD	AA68-01433A	CARD WARRANTY;TV/TVCR,ALL,W/P100(G),B5,	
2	B/WARR	AA68-01561A	CARD WARRANTY;BLOCK,STATEMENT ONLY,SEA/S	
2	C/REG	AA68-01969A	CARD;REGISTRATION PRODUCT,W/P120(G),SEA	
2	I/B	AA68-02723A	MANUAL USERS;CT-29A10,-ENG,-W/P100G,...K	
2	BAG-PE	AA69-01195A	BAG PE;CL29A6W8X,HDPETO.012,93/4X151	
2	AC-TAP	0203-001279	TAPE-OPP MASKING;#232,T0.14,W15,L50000,Y	
2	C/RCA	AA39-40001B	PATCH-CORD;3P-3P1500MMRED,WHT,YEL,500	

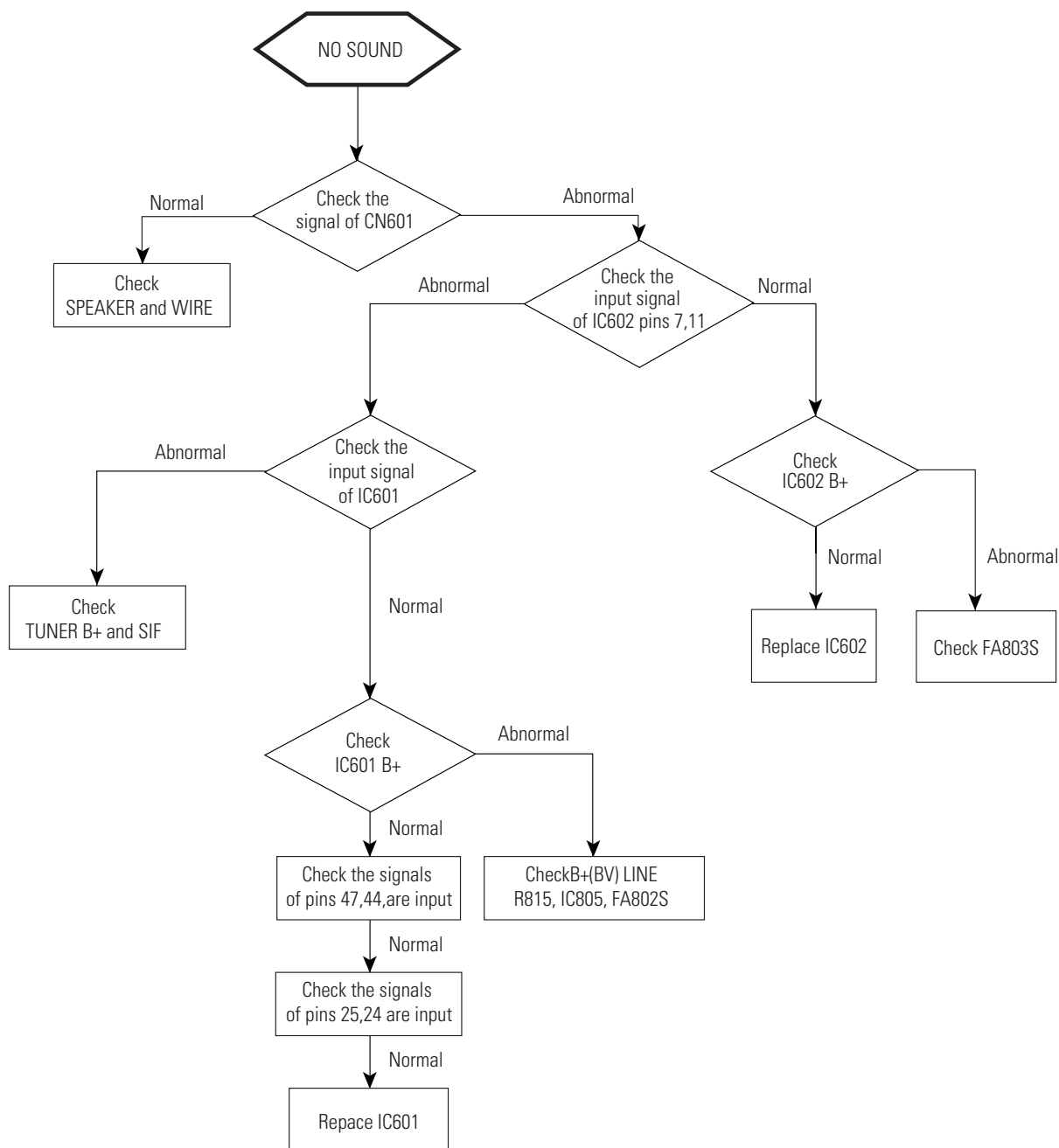
MEMO

7. Troubleshooting

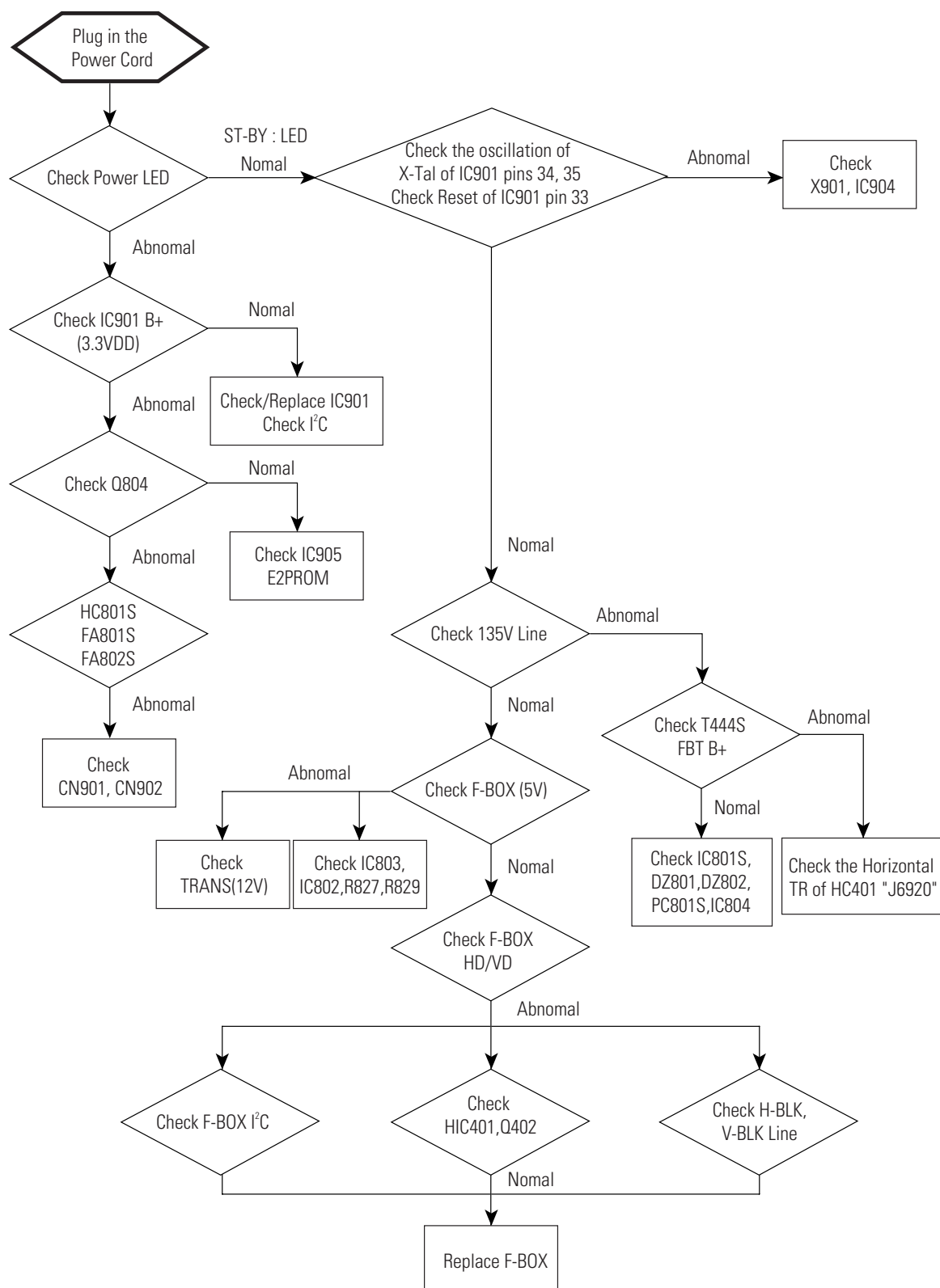
7-1 No Raster



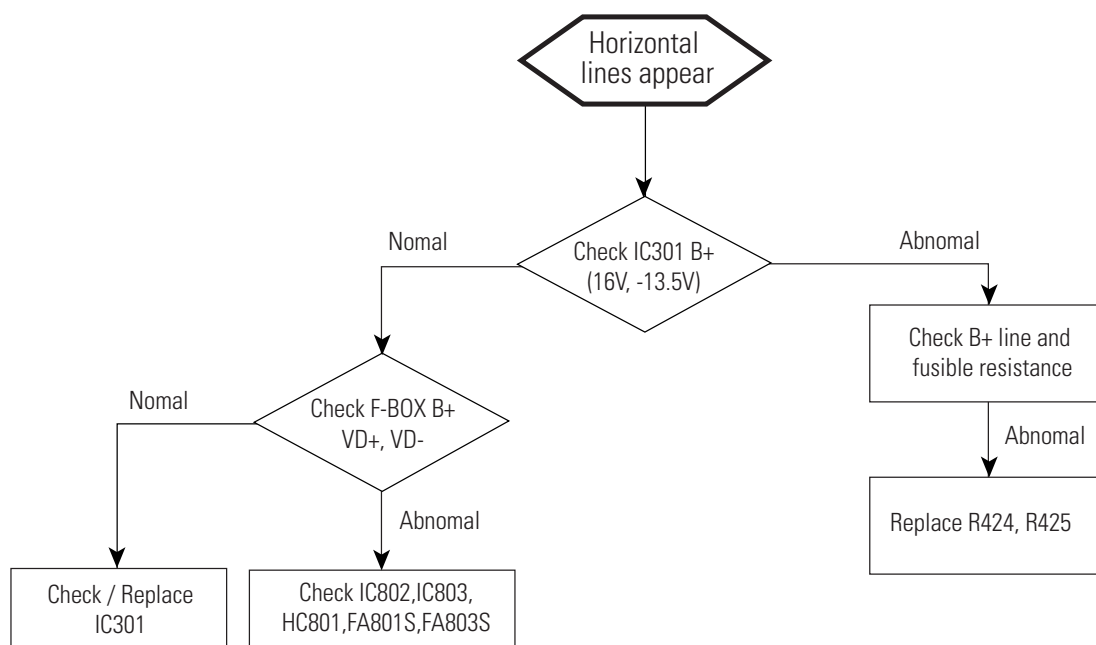
7-2 No Sound



7-3 No Power

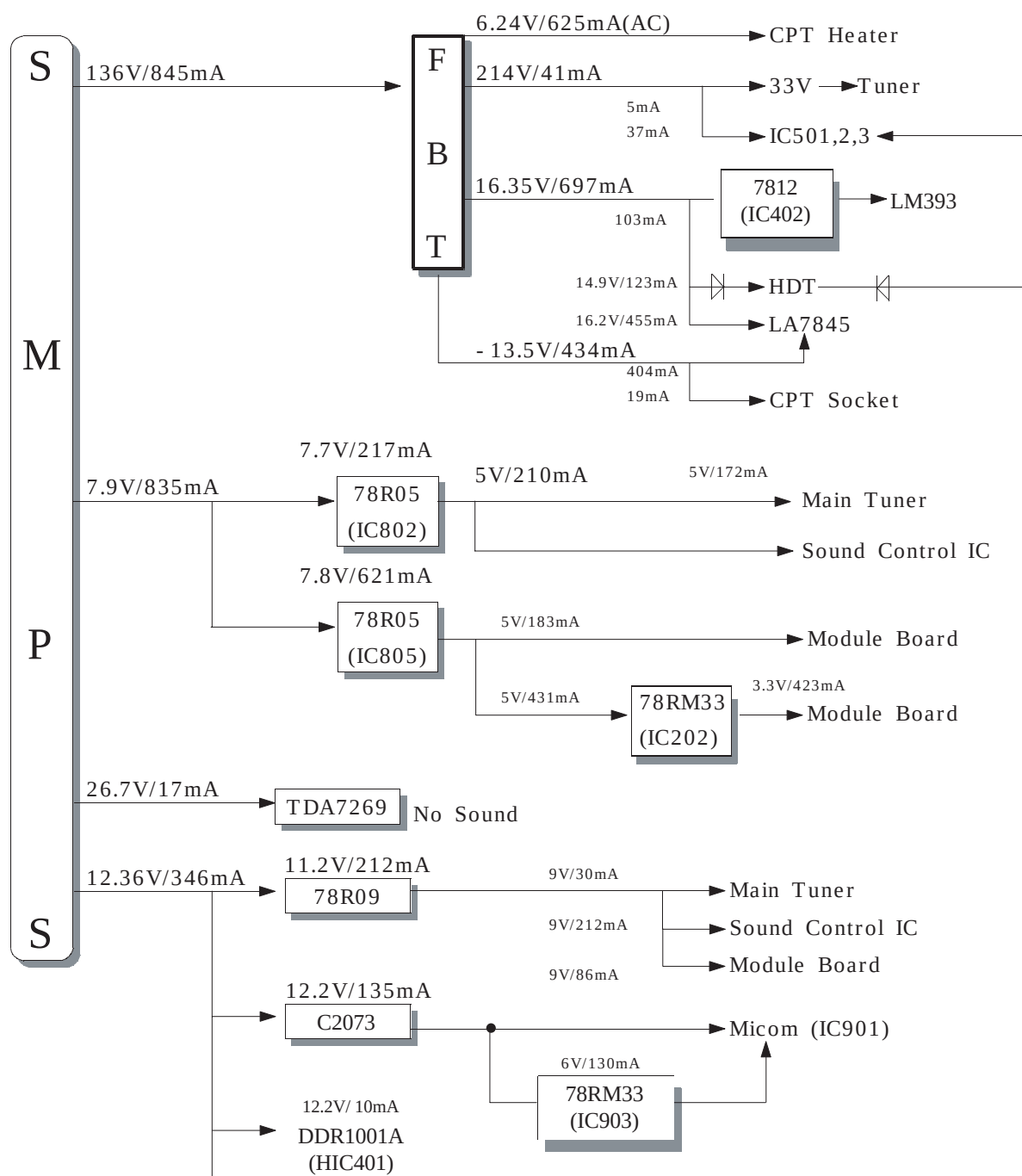


7-4 Horizontal Lines Appear



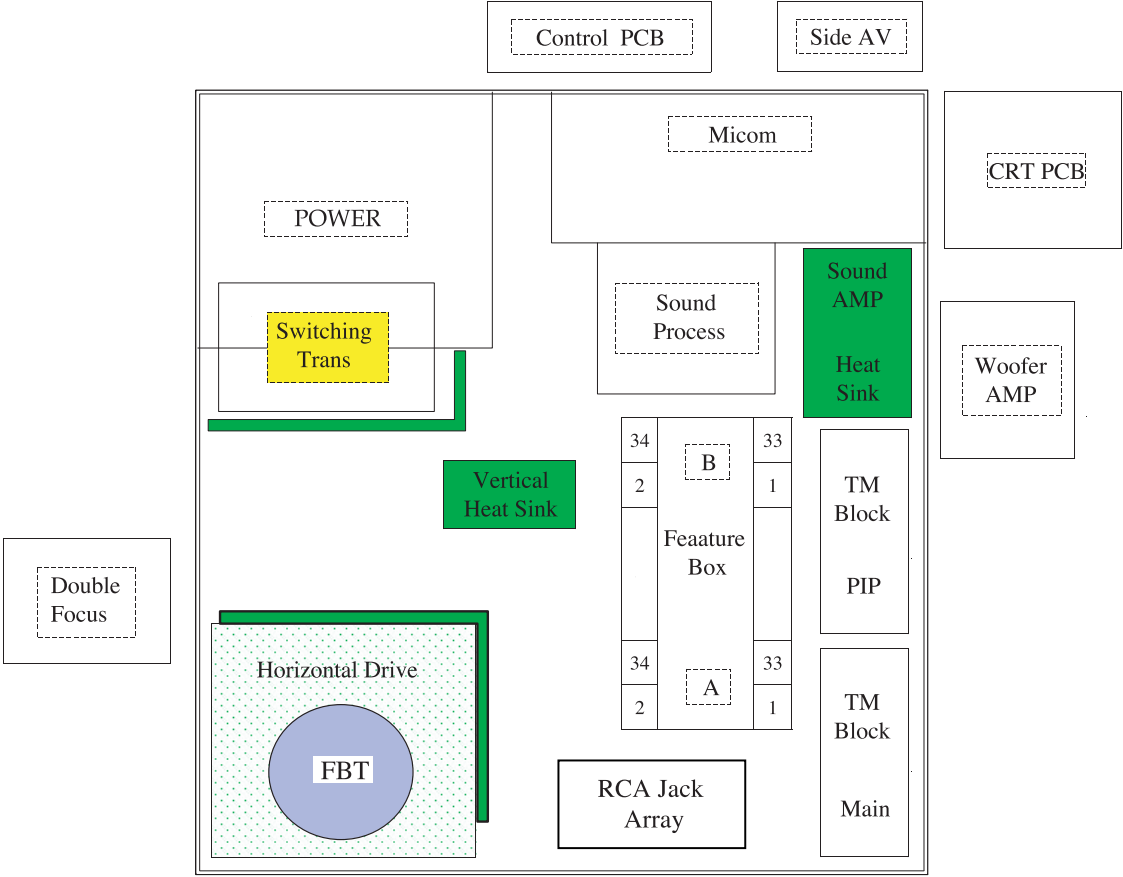
8. Block Diagram

8-1 Voltage / Current Block Diagram

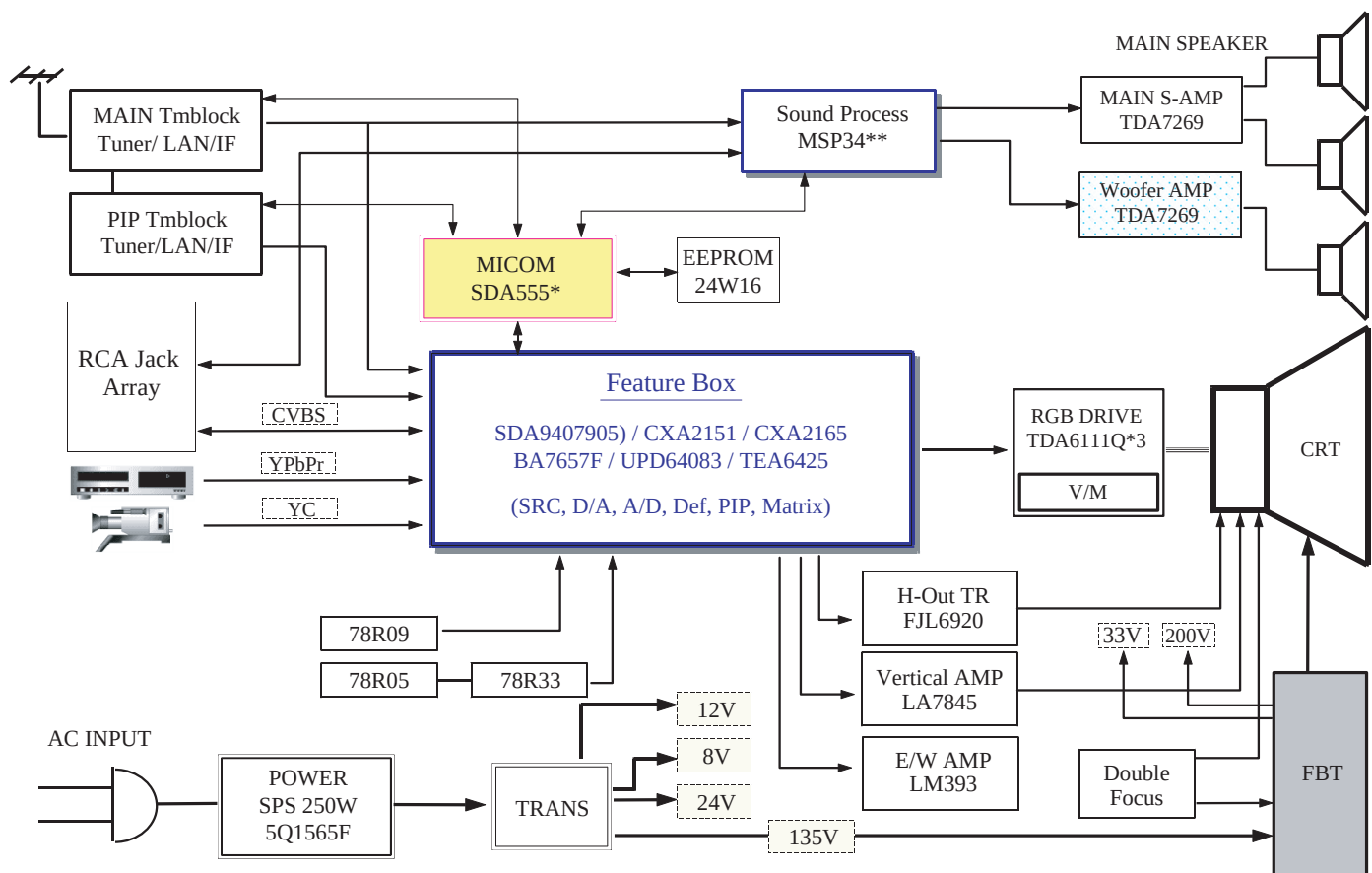


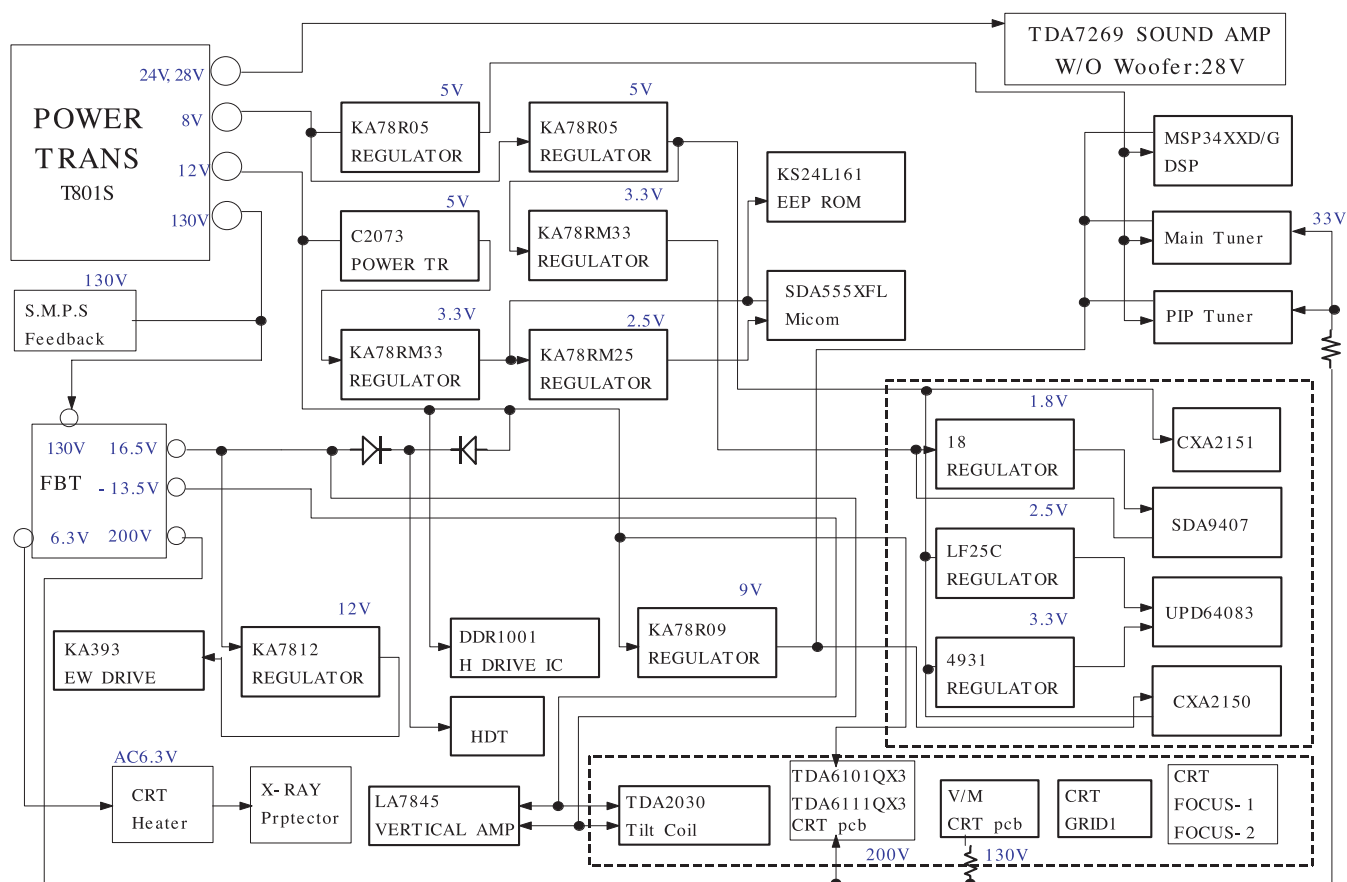
MEMO

8-3 PCB Layout

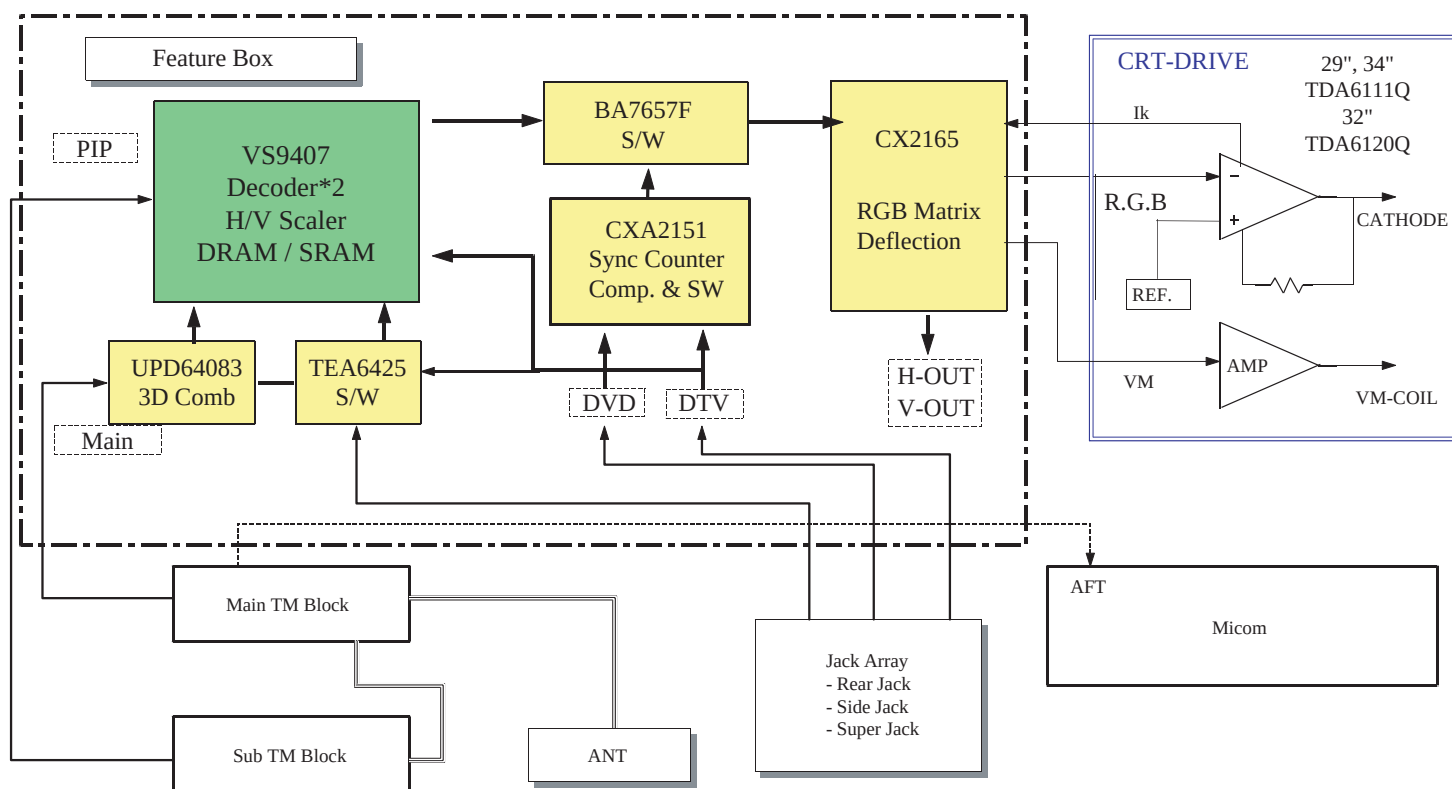


8-4 System Block Diagram

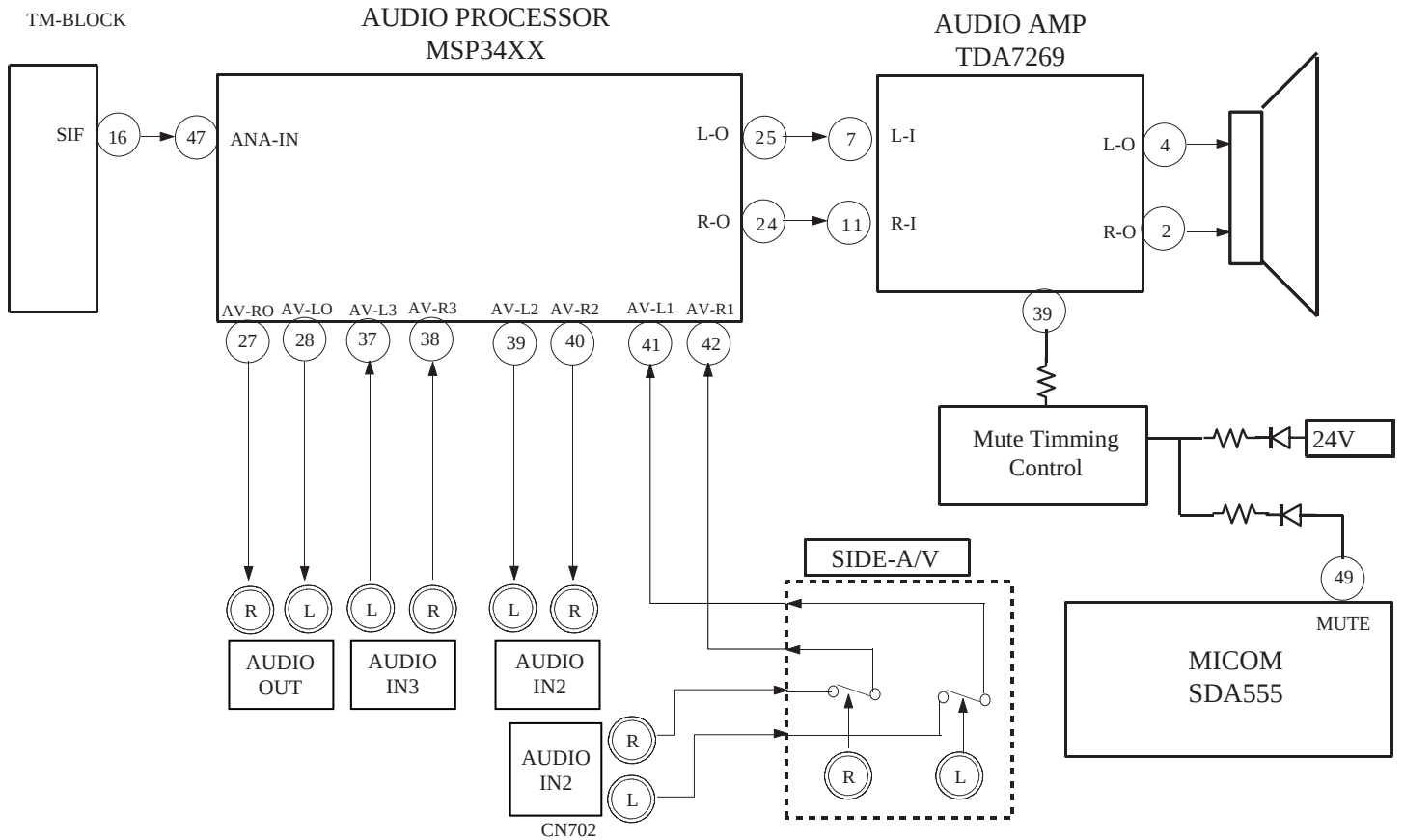




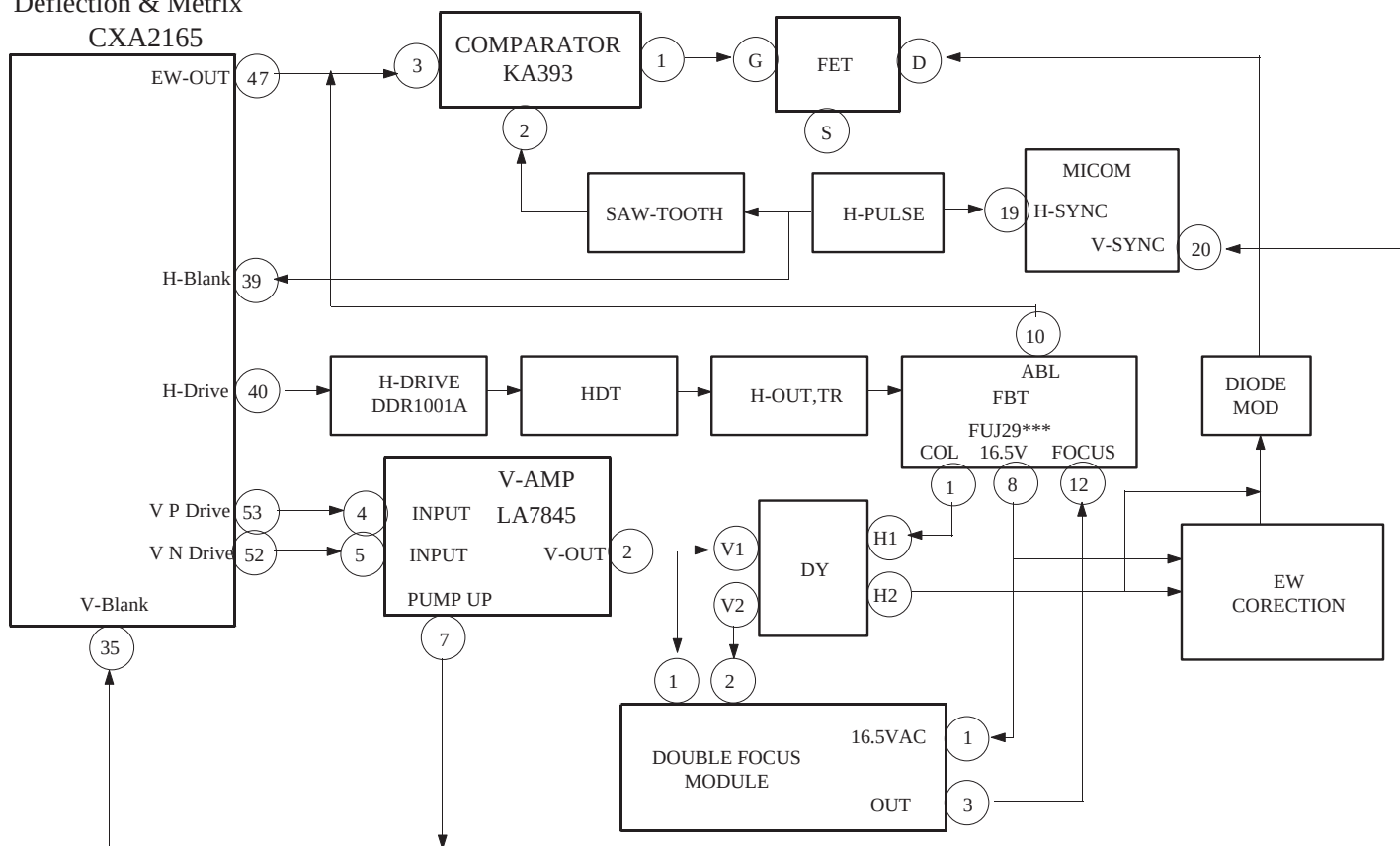
8-6 Video Signal Block Diagram



8-7 Sound signal Block Diagram



8-8 Deflection Block Diagram

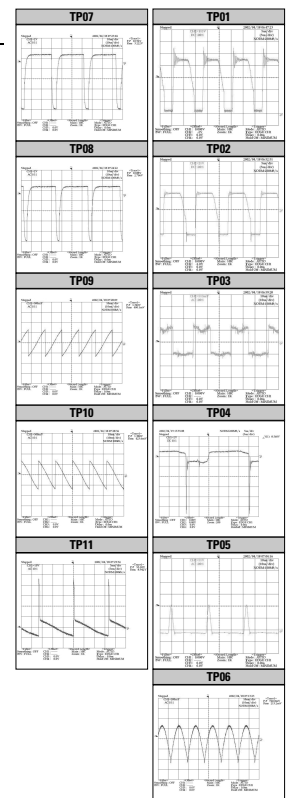
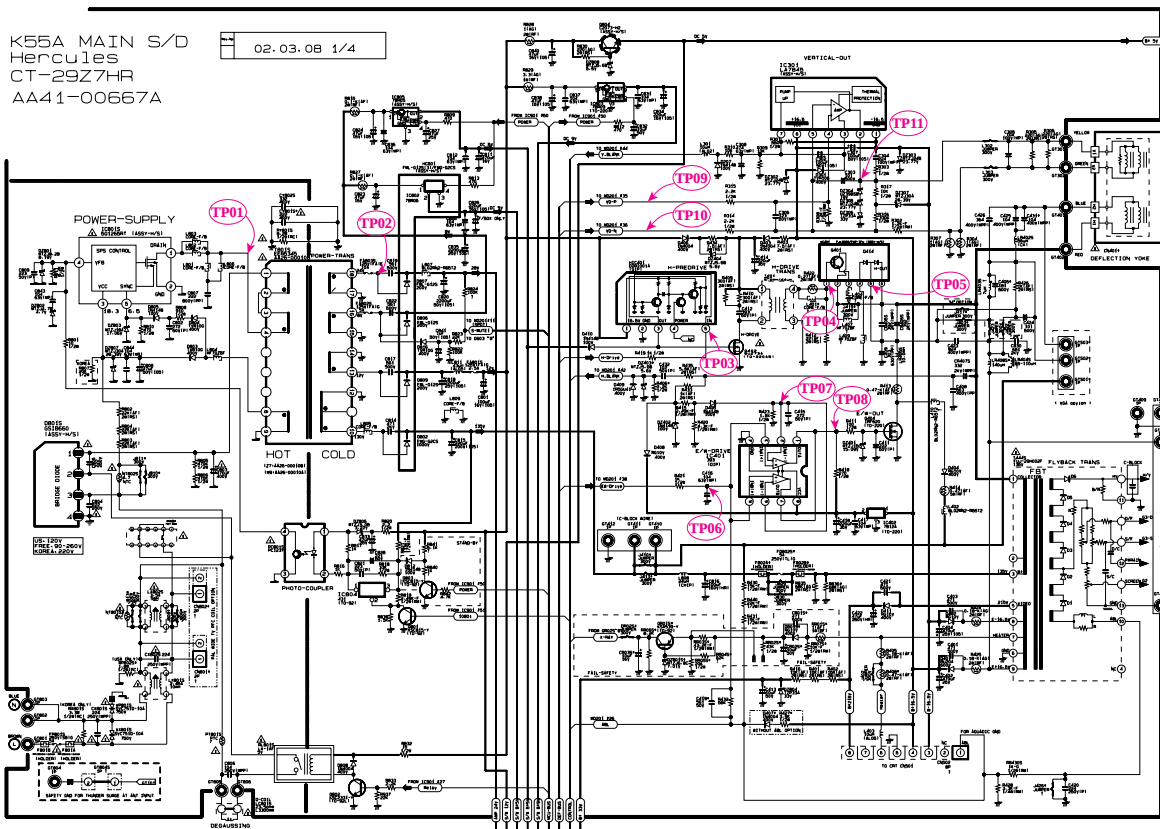
Deflection & Metrix
CXA2165

9. Schematic Diagrams

9-1 MAIN 1

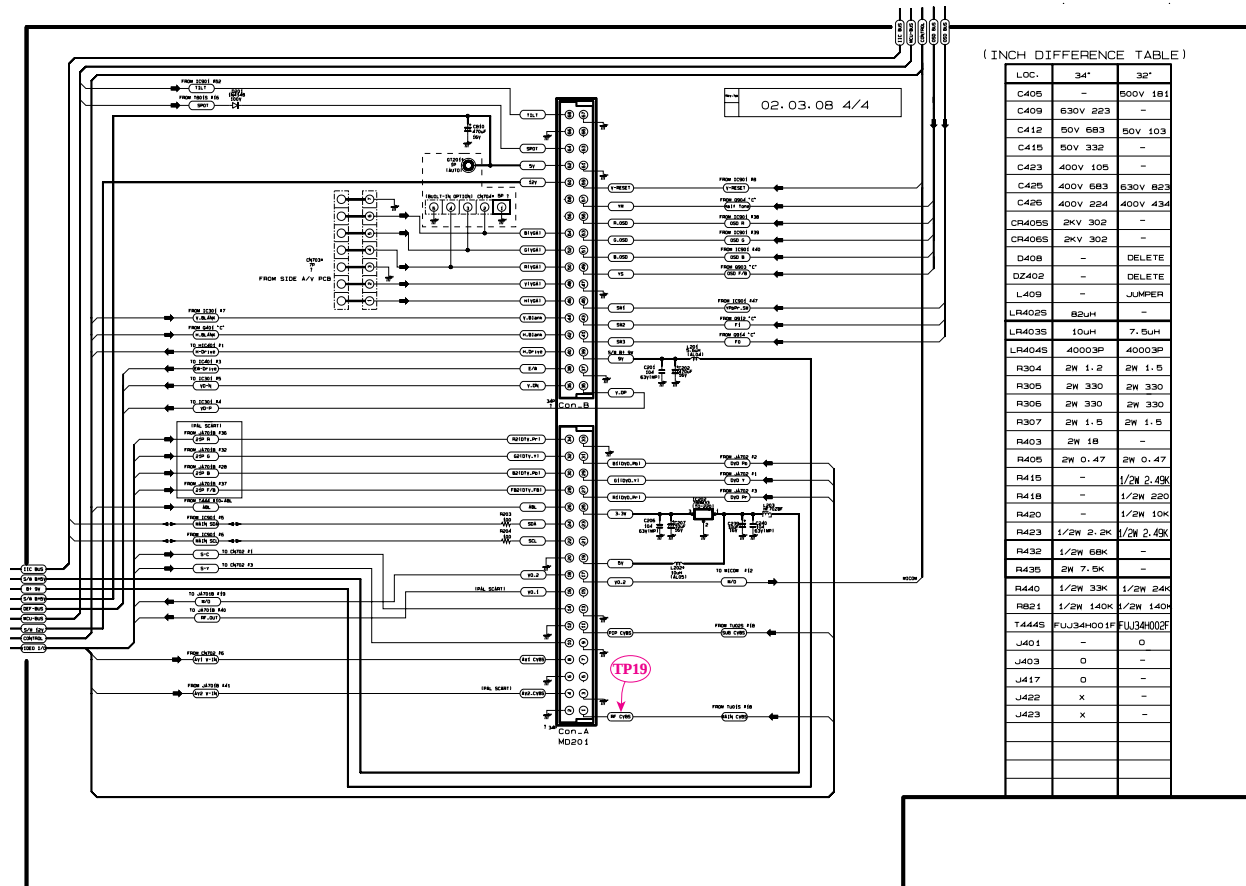
K55A MAIN S/D
Hercules
CT-29Z7HR
AA41-00667A

02.03.08 1/4

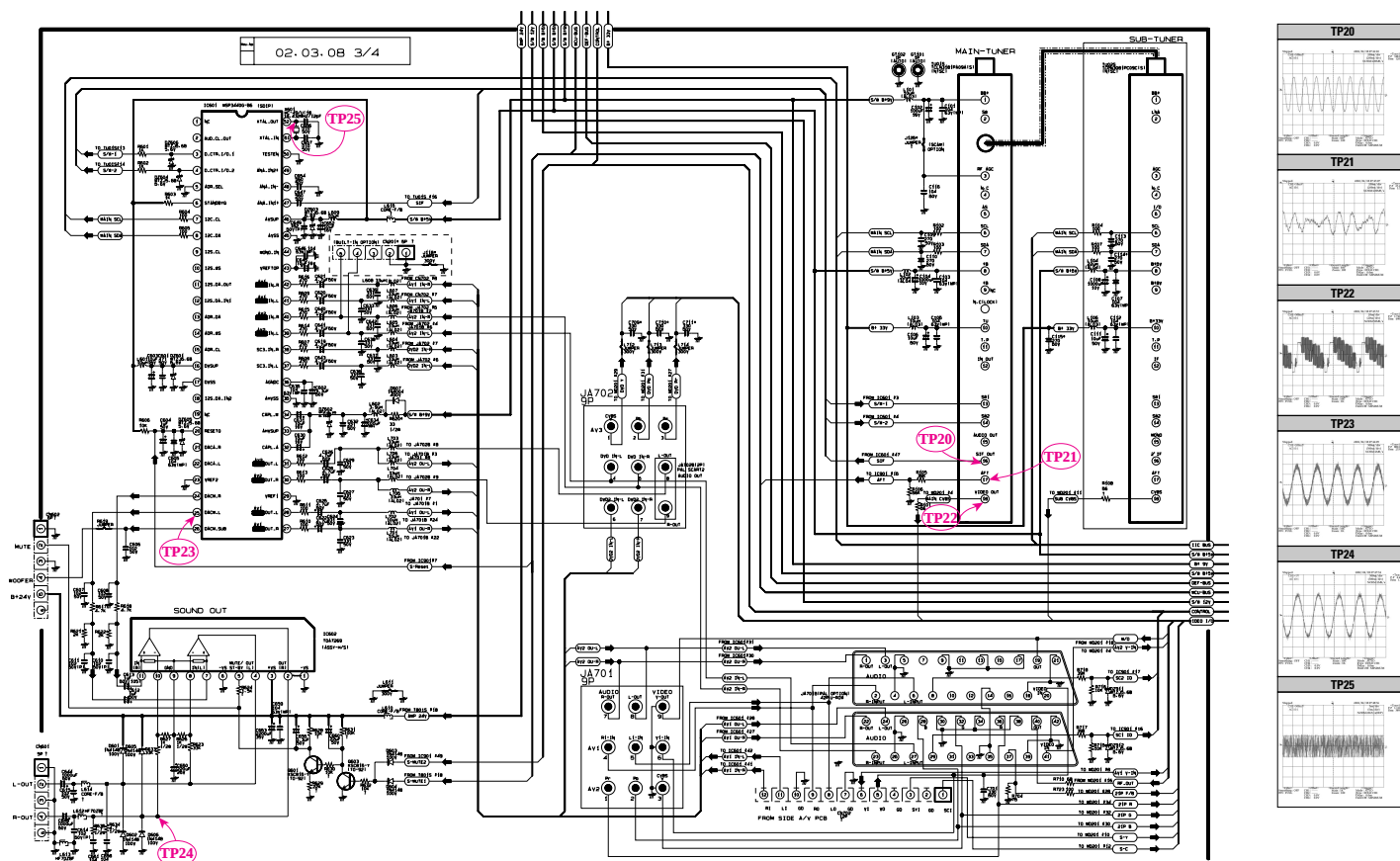




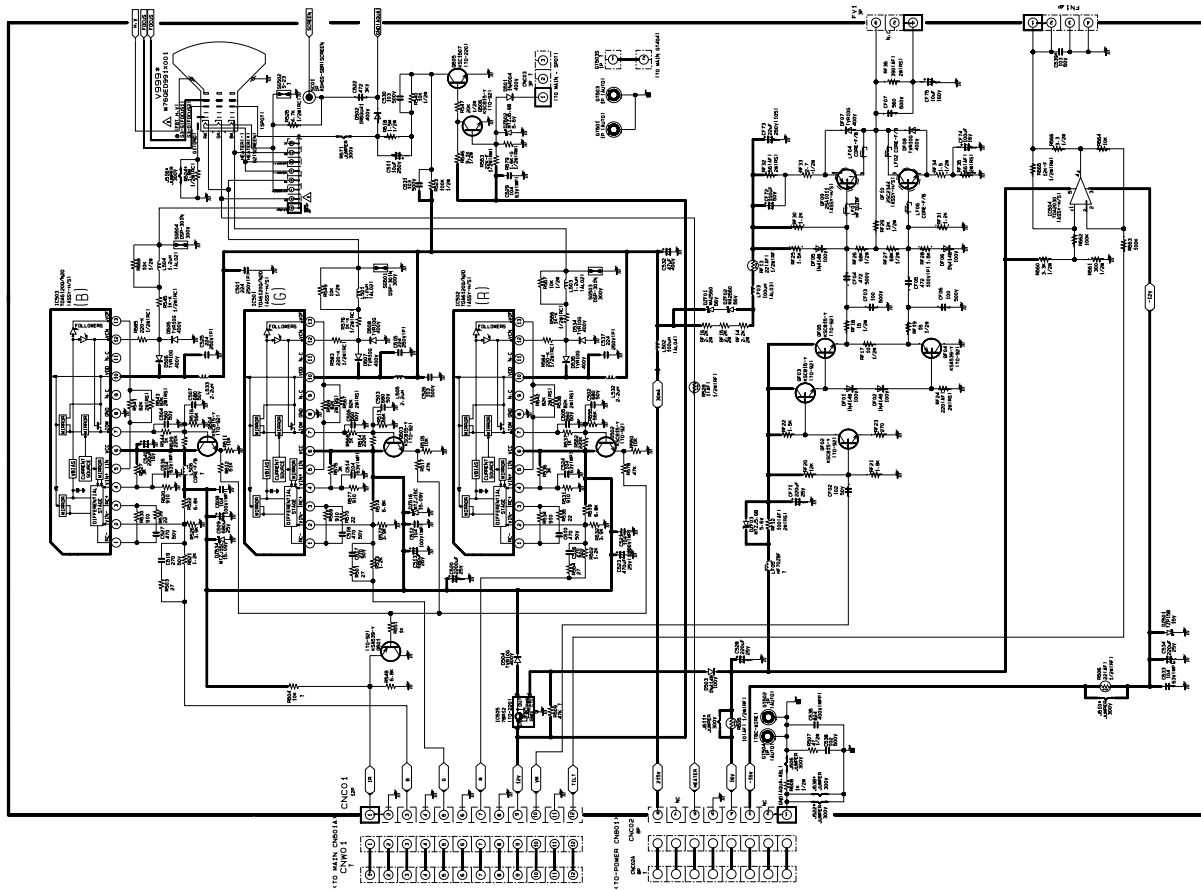
9-3 MAIN 3

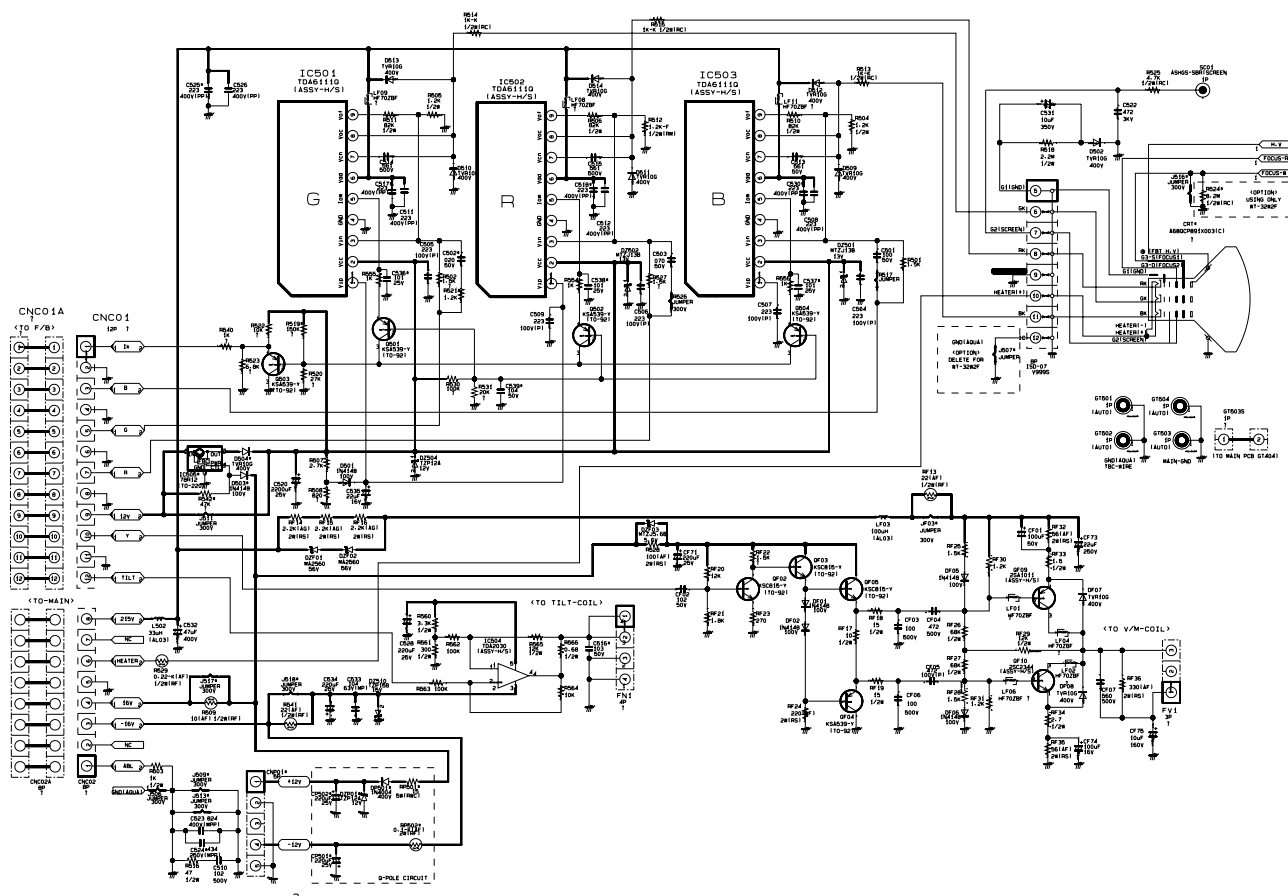


9-4 MAIN 4



9-5 CRT / VM TDA6120Q

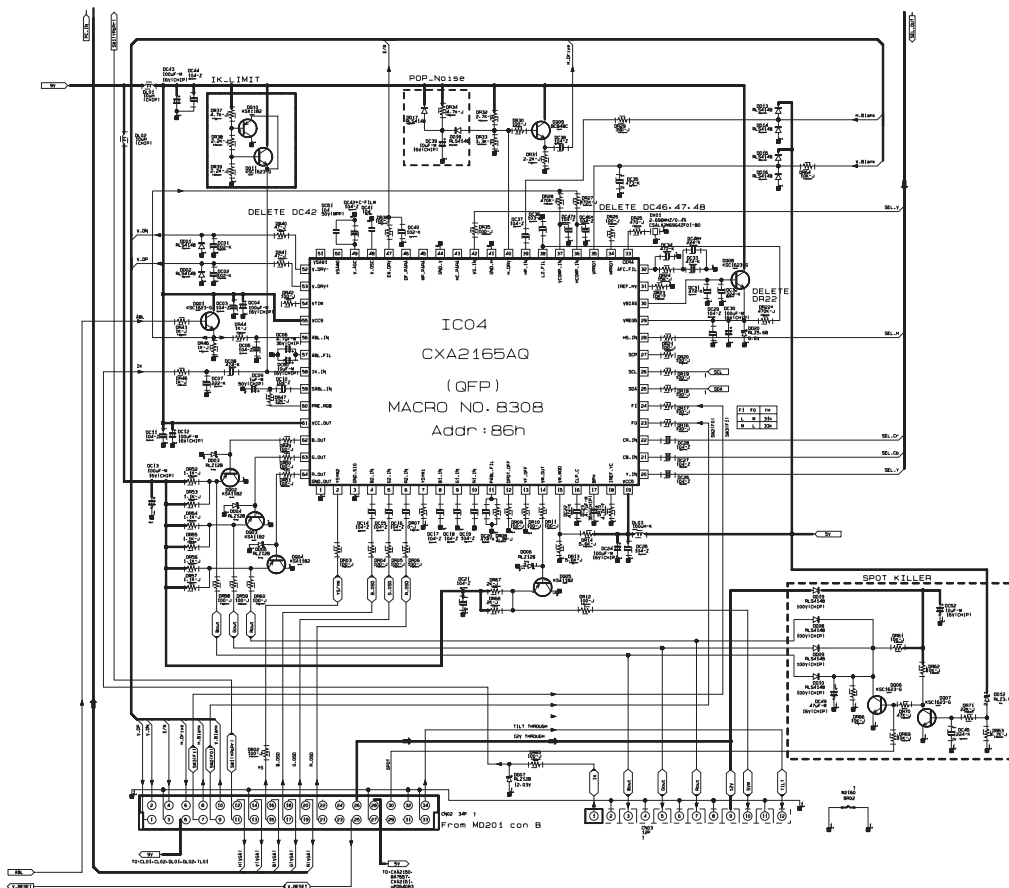








9-10 FEATURE-BOX-3



9-11 FEATURE-BOX-4

