

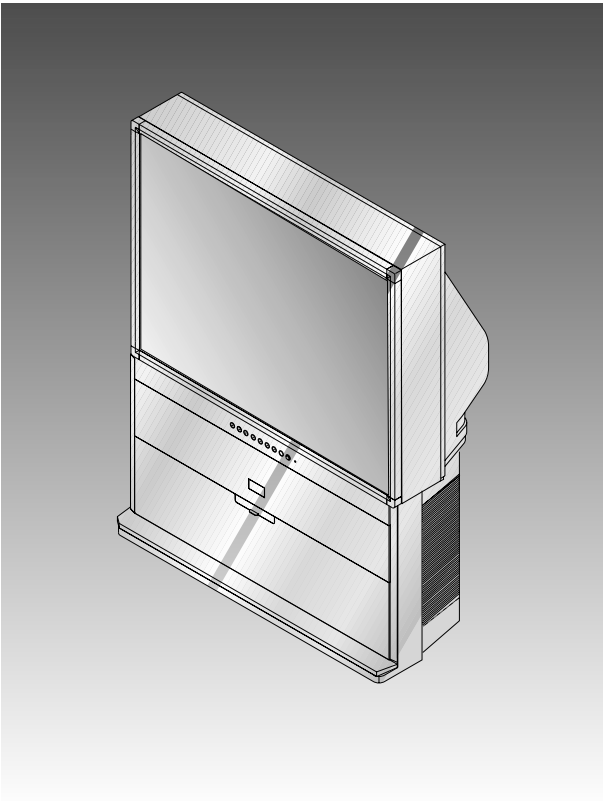
SAMSUNG

PROJECTION TV RECEIVER

Chassis : J54A(P)C1.5
Model: SP43T7HPS/XSV

SERVICE *Manual*

PROJECTION TV 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.

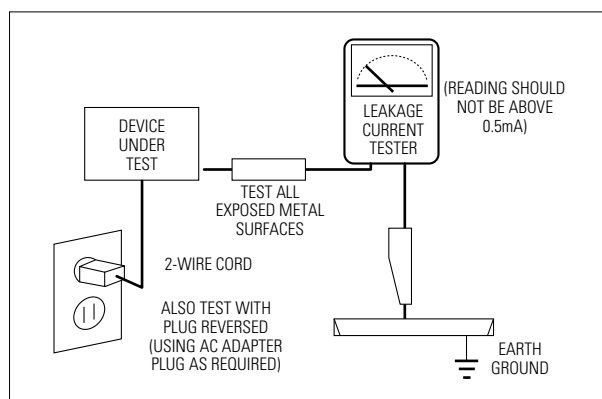


Fig. 1-1 AC Leakage Test



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

Warning 1 : 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.

Warning 2 : 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.
9. When some parts inside the optical engine (except lamp) are damaged, replace the whole optical engine.

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.

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

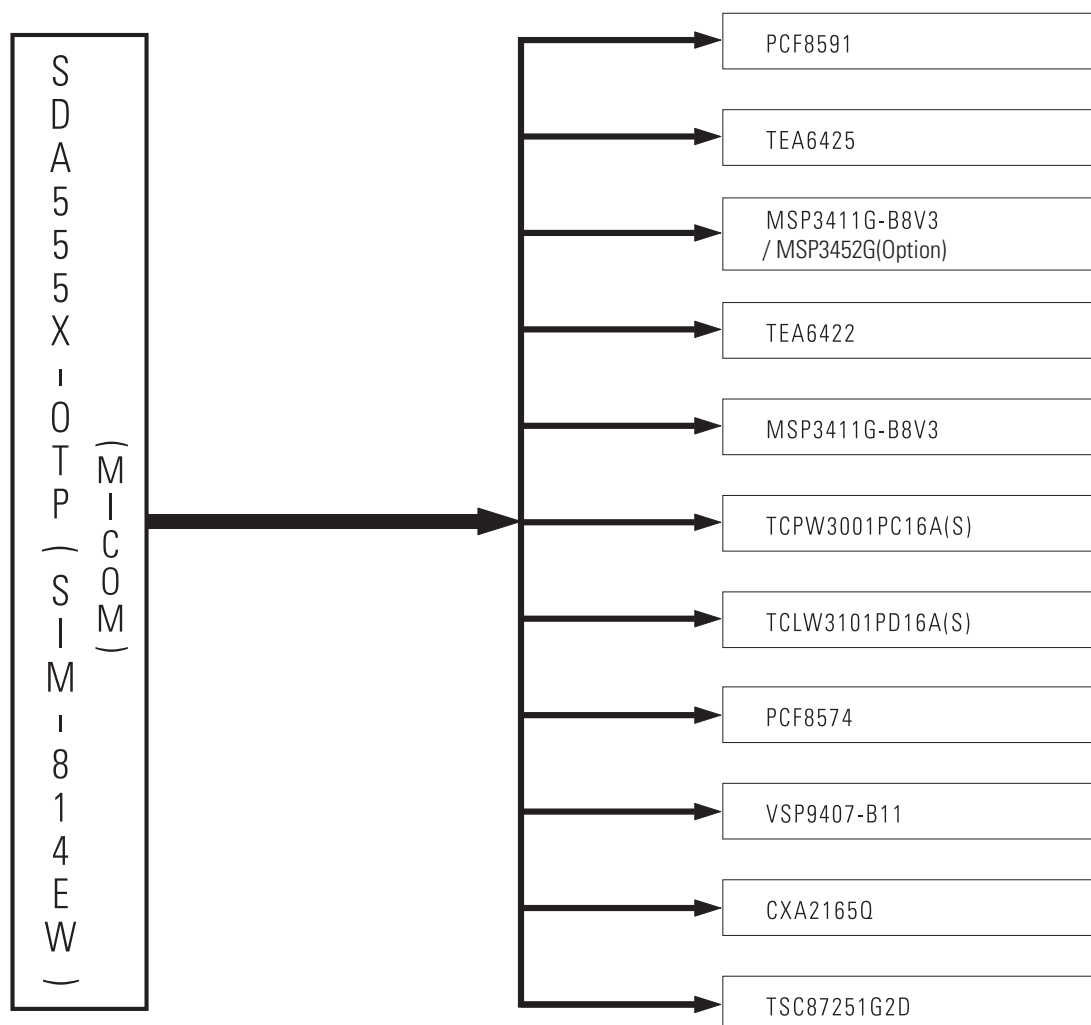
ABL	Automatic Brightness Limiter	I/O	Input/output
AC	Alternating Current	L	Left
ACC	Automatic Chroma Control	L	Low
AF	Audio Frequency	LED	Light Emitting Diode
AFC	Automatic Frequency Control	LF	Low Frequency
AFT	Automatic Fine Tuning	MOSFET	Metal-Oxide-Semiconductor-Field-Effect-Tr
AGC	Automatic Gain 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

Table 2 - 3 IC Line - Up			
No.	Block Name	IC Location	IC Name
1	MAIN	IC703	TEA5114A
		IC802	7905
		IC101	PCF8574
		IC701	TEA6425D
		IC702	TEA6425D
		IC605	TEA6422D
		IC704	PCF8591T
		IC705	PCF8591T
		IC602	MSP3411G-QA-B8V3/MSP3452G(Optional)
2	SCALER MODULE	IC13	74HC123
		IC06	7027
		IC05	LF18CDT
		IC11	78RM33D
		IC01A	VSP9407B-B11
		IC04	CXA2165Q
3	CG MODULE	IC08	74HC4052
		IC13	NC7SB3157P6X
		IC05	24C64
		IC07	EL2250CS
		C03	7042
		IC02	78RM33D
		IC17	TLC2932IPWLE
		IC06	TSC87251G2D-OTP
		IC01	SDC12
		IC09, IC10, IC11, IC14	TL072C
		IC12	KA324D
		IC04, IC15, IC16	7S04

Table 2 - 3 IC Line - Up (Continued)			
No.	Block Name	IC Location	IC Name
4	MICOM MODULE	IC902	24C16
		IC903	78RM33D
		IC901	SDA5550M
		IC904	7025
		IC905	M27W201-80F6
5	SUB	IC431, IC471	MC4558C
		IC841	78R05
		IC851	SE110N
		ICS801	VIPER12A
		IC402	DDR11001
		ICZ03, ICZ04	STK392-010
		IC831S	STR-X6459A
		IC301	LA7845

2-3 MICOM IIC BUS LINE -UP



3. Specifications

Broadcasting System	CW : EURO Multi (PAL, SECAM-B/G, D/K, I, L/L)																	
	CS : PAL Multi (PAL, SECAM-B/G, D/K, I, NT4, 43, NT3.58)																	
Scanning System	100Hz / Progressive																	
Tuning Range	VHF : CH2 ~ CH12																	
	UHF : CH21 ~ CH69																	
	Cable : CHS1 ~ S40																	
Antenna Impedance	75 ohm Unbalanced																	
Intermediate Frequency	<table border="1"> <thead> <tr> <th>System</th> <th>Video(MHz)</th> <th>Sound(MHz)</th> </tr> </thead> <tbody> <tr> <td>B/G</td> <td>38.90</td> <td>33.40</td> </tr> <tr> <td>D/K</td> <td>38.90</td> <td>32.40</td> </tr> <tr> <td>I</td> <td>38.90</td> <td>32.90</td> </tr> <tr> <td>L(L')</td> <td>34.5(41.0)</td> <td>41.0(34.5)</td> </tr> </tbody> </table>			System	Video(MHz)	Sound(MHz)	B/G	38.90	33.40	D/K	38.90	32.40	I	38.90	32.90	L(L')	34.5(41.0)	41.0(34.5)
	System	Video(MHz)	Sound(MHz)															
	B/G	38.90	33.40															
	D/K	38.90	32.40															
	I	38.90	32.90															
L(L')	34.5(41.0)	41.0(34.5)																
Sound Output	MAX : 15W x 2 (8ohm)																	
Rated Voltage	AC220V / Free Voltage (Option)																	
High Voltage	29KV																	
FUSE	250V/6.3A																	
	CODE NO : 3601-000300																	
Power Consumption	230W																	

☐ White Balance (Southeast Asia)

■ Fixed

ITEM	42W5			47W1			43T6/43T7			48T6			42W5			42W5		
	x	y	Y	x	y	Y	x	y	Y	x	y	Y	x	y	Y	x	y	Y
HIGHT	290	304	10.5	290	304	9.5	290	304	10	290	304	9.5	290	304	8.5	290	304	6.5
LOW	258	254	0.45	258	254	0.35	258	254	0.4	258	254	0.4	258	254	0.35	258	254	0.35
R-CUT OFF	15			16			15			17			16			12		
G-CUT OFF	20			20			20			20			20			20		
B-CUT OFF	21			26			23			32			29			35		
R-DRIVE	42			48			41			54			46			41		
G-DRIVE	31			31			31			31			31			31		
B-DRIVE	16			28			26			21			25			15		
SUB-BRIGHT	6			10			7			7			8			9		
SUB-CONTRAST	12			4			13			6			11			11		
SUB COLOR	15			15			15			15			15			15		
COL AXIS	2			2			2			2			2			2		

☐ White Balance (Australia)

ITEM	42W5			47W1			43T6/43T7			48T6			42W5			42W5		
	x	y	Y	x	y	Y	x	y	Y	x	y	Y	x	y	Y	x	y	Y
HIGHT	290	304	10.5	290	304	9.5	290	304	10	290	304	9.5	290	304	8.5	290	304	6.5
LOW	290	290	0.45	290	290	0.35	590	290	0.4	290	290	0.4	290	290	0.35	290	290	0.35
R-CUT OFF	21			22			22			22			22			19		
G-CUT OFF	20			20			20			20			20			20		
B-CUT OFF	21			23			21			25			22			23		
R-DRIVE	35			38			36			45			41			32		
G-DRIVE	31			31			31			31			31			31		
B-DRIVE	20			25			26			24			29			17		
SUB-BRIGHT	8			9			8			5			7			15		
SUB-CONTRAST	10			6			13			8			10			11		
SUB COLOR	10			10			10			10			10			10		
COL AXIS	1			1			1			1			1			1		

4. Alignment and Adjustments

4-1 When entering the service mode;

1. Turn on the TV, and then select "DYNAMIC" on the picture adjustment mode.
2. Turn off the TV(STAND-BY).
3. Enter the service mode by pressing the remote control keys in the following sequence:

Display -> Menu -> Mute -> Power ON

Note : If necessary, re-do steps 1~3.

Initial display when the service mode is switched.

4-1-1 WHEN A RF SIGNAL IS RECEIVED

CW MODEL

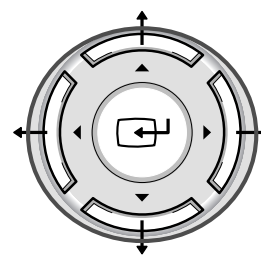
DEFLECTION
VIDEO ADJUST 1
VIDEO ADJUST 2
VIDEO ADJUST 3
VIDEO ADJUST 4
OPTION (87h 05ch)
YC DELAY
RESET
SIM-814EW YY.MM.DD

CS MODEL

DEFLECTION
VIDEO ADJUST 1
VIDEO ADJUST 2
VIDEO ADJUST 3
VIDEO ADJUST 4
OPTION (D8 04 2E)
YC DELAY
RESET
T_CADEC_010 YY.MM.DD

4-1-2 SERVICE MODE CONTROL KEYS

MAIN MENU	MENU DISPLAY
UP / DOWN	Select item by moving cursor
RIGHT / LEFT	Decrease or increase the adjustment values



[Navigation Key]

PRECAUTIONS

1. When EEPROM IC (IC902) is replaced, first connect the power cord and wait for about 4~5 seconds.
2. After replacing EEPROM IC (IC902), enter the Service mode. Next, enter the standard data or the previous EEPROM IC data before replacement. And then check and adjust any items related to Geometric, Picture, Option.

4-2 FACTORY MODE MENU

4-2-1 CW MODEL(SIM-814EW)

4-2-1(A) DEFLECTION

Item	Range	Initial Data	Remark
V Amp	0 ~ 63	39	Variable
V Shift	0 ~ 63	32	FIX
H EW	0 ~ 63	41	Variable
H Shift	0 ~ 63	24	FIX
V Linearity	0 ~ 15	7	FIX
Upper Linearity	0 ~ 15	0	FIX
Lower Linearity	0 ~ 15	0	FIX
V SC	0 ~ 15	7	FIX
H Parabolra	0 ~ 63	29	FIX
Upper Corner	0 ~ 63	36	FIX
Lower Corner	0 ~ 63	34	FIX
H Trapezium	0 ~ 63	21	FIX
Bow	0 ~ 63	31	FIX
Angle	0 ~ 63	31	FIX
V Position	0 ~ 63	31	FIX
Up UCG	0 ~ 3	0	FIX
Lo UCG	0 ~ 3	0	FIX
CXA Left Blk	0 ~ 63	50	FIX
CXA Right Blk	0 ~ 63	25	FIX

4-2-1(B) VIDEO ADJUST1

Item	Range	Initial Data	Remark
R Cutoff	0 ~ 63	25	Variable
G Cutoff	0 ~ 63	25	FIX
B Cutoff	0 ~ 63	25	Variable
Color On/Off	0 ~ 1	1	Variable
CB Offset	0 ~ 63	31	Variable
CR Offset	0 ~ 63	31	Variable
R Drive	0 ~ 63	25	Variable
G Drive	0 ~ 63	25	FIX
B Drive	0 ~ 63	25	Variable
Sub Bright	0 ~ 63	15	Variable
Sub Contrast	0 ~ 15	8	Variable
Sub Color	0 ~ 23	3	FIX
Sut Tint	0 ~ 63	31	FIX
CTI Level	0 ~ 3	1	FIX
COL Axis	0 ~ 3	1	FIX
LTI Level	0 ~ 3	1	FIX
VSU	0 ~ 15	2	FIX
Melody Volume	0 ~ 20	4	FIX
LIT Mode	0 ~ 3	1	FIX
System	0 ~ 3	1	FIX

4-2-1(C) VIDEO ADJUST2

Item	Range	Initial Data	Remark
ABL Level	0 ~ 3	3	FIX
Gamma	0 ~ 3	1	FIX
DPIC Level	0 ~ 3	2	-
DC Trans	0 ~ 3	1	FIX
ABL TH	0 ~ 15	15	FIX
VM Level	0 ~ 3	1	-
VM Corint	0 ~ 15	0	FIX
VM f0	0 ~ 3	1	FIX
VM Limit	0 ~ 3	1	FIX
VM Delay	0 ~ 3	1	FIX
SHP CD	0 ~ 3	0	FIX
SHP f0	0 / 1	1	FIX
SHP f1 & P/O	-	11	FIX
AKB Time	0 ~ 63	13	FIX
BandPass 9407	-	24	-
HighPass 9407	-	40	-
S ABL	0 ~ 3	0	FIX
P ABL	0 ~ 15	15	FIX

4-2-1(D) VIDEO ADJUST3

Item	Range	Initial Data	Remark
H Comp	0 ~ 15	1	FIX
V Comp	0 ~ 15	4	
Pin Comp	0 ~ 7	3	
AFC Comp	0 ~ 7	0	
H-Sync Phase	0 / 1	0	
NR Off Value	0 ~ 9	6	
CG HAO	0 ~ 20	10	
CG VAO	0 ~ 20	15	
NR High Ref	0 ~127	40	
NR Low Ref	0 ~127	3	
NR High Value	0 ~255	17	
NR Low Value	0 ~255	51	
NR Hight Ref(S)	0 ~127	20	
NR Low Ref(s)	0 ~127	0	
NR High Value(S)	0 ~255	17	
NR Low Value(S)	0 ~255	51	
NR Read M/S	0/27	0 0	

4-2-1(E) VIDEO ADJUST4

Item	Range	Initial Data	Remark
SECAM Color Main	0 ~255	28	FIX
SECAM Color Pip	0 ~255	28	
Picture Limit	0 ~ 3	3	
OSD Contrast	0 ~ 15	10	
TTX Contrast	0 ~ 15	3	

4-2-1(F) OPTION

Item	Setting Data	Appliance	Remark
SYSTEM	CS/CW	CW	
SOUND	A2-NICAM/Virtual Dolby	Virtual Dolby	
ASPECT	WIDE / 4:3	WIDE	
WIDE 4:3	OFF / ON	on	
X-RAY	OFF / ON	ON	
AUTO FM	OFF / ON	ON	
PIP	OFF / 2-TUNER	2-TUNER	
LNA	OFF / ON	On	
Letter Box	OFF / ON	ON	
D/W PIP	OFF / ON	OFF	
AGC	OFF / ON	OFF	
Natural Zoom	OFF / ON	ON	
HELP	OFF / ON	ON	

4-2-1(G) YC DELAY

Item	Range
P.YC(AV) Delay	1
S.YC(AV) Delay	-5
N.YC(AV) Delay	1
P.BG.YC Dealy	1
P.DK.YC Delay	-2
P.I.YC Delay	0
P.M.YC Delay	0
P.N.YC Delay	0
S.BG.YC Delay	-7
S.DK.YC Delay	-9
S.I.YC Delay	-9
S.M.YC Delay	-7
S.L.YC Delay	-10
N.M.YC Delay	3
N4.43 YC Delay	-6

4-2-2 CS MODEL(T_CADEC_010)

4-2-2(A) DEFLECTION

Item	Range	Initial Data												Remark
		42W5		47W1		43T6/43T7		48T6		54T6		62T6		
		NTSC	PAL	NTSC	PAL	NTSC	PAL	NTSC	PAL	NTSC	PAL	NTSC	PAL	
V Amp	0 ~ 63	48	48	48	48	48	48	48	48	48	48	48	48	Variable
V Shift	0 ~ 63	31	31	31	31	31	31	31	31	31	31	31	31	FIX
H EW	0 ~ 63	48	48	48	48	48	48	48	48	48	48	48	48	Variable
H Shift	0 ~ 63	24	24	24	24	24	24	24	24	24	24	24	24	FIX
V Linearity	0 ~ 15	7		7		7		7		7		7		FIX
Upper Linearity	0 ~ 15	0		0		0		0		0		0		FIX
Lower Linearity	0 ~ 15	0		0		0		0		0		0		FIX
V SC	0 ~ 15	2		2		2		2		2		2		FIX
H Parabolra	0 ~ 63	15		15		15		15		15		15		FIX
Upper Corner	0 ~ 63	33		33		33		33		33		33		FIX
Lower Corner	0 ~ 63	33		33		33		33		33		33		FIX
H Trapezium	0 ~ 63	18		18		18		18		18		18		FIX
Bow	0 ~ 63	31		31		31		31		31		31		FIX
Angle	0 ~ 63	31		31		31		31		31		31		FIX
V Position	0 ~ 63	31		31		31		31		31		31		FIX
Up UCG	0 ~ 3	0		0		0		0		0		0		FIX
Lo UCG	0 ~ 3	0		0		0		0		0		0		FIX
CXA Left Blk	0 ~ 63	50		50		50		50		50		50		FIX
CXA Right Blk	0 ~ 63	25		25		25		25		25		25		FIX

4-2-2(B) VIDEO ADJUST1

Item	Range	Initial Data	Remark
R Cutoff	0 ~ 63	25	Variable
G Cutoff	0 ~ 63	25	Variable
B Cutoff	0 ~ 63	25	Variable
Color On/Off	0 ~ 1	1	Variable
CB Offset	0 ~ 63	31	Variable
CR Offset	0 ~ 63	31	Variable
R Drive	0 ~ 63	25	Variable
G Drive	0 ~ 63	25	Variable
B Drive	0 ~ 63	25	Variable
Sub Bright	0 ~ 63	15	Variable
Sub Contrast	0 ~ 15	8	Variable
Sub Color	0 ~ 23	3	FIX
Sut Tint	0 ~ 63	31	FIX
CTI Level	0 ~ 3	1	FIX
COL Axis	0 ~ 3	2	FIX
LTI Level	0 ~ 3	1	FIX
VSU	0 ~ 15	2	FIX
Melody Volume	0 ~ 20	4	FIX
LIT Mode	0 ~ 3	1	FIX
System	0 ~ 3	1	FIX

4-2-2(C) VIDEO ADJUST2

Item	Range	Initial Data	Remark
ABL Level	0 ~ 3	3	FIX
Gamma	0 ~ 3	1	FIX
DPIC Level	0 ~ 3	2	FIX
DC Trans	0 ~ 3	1	FIX
ABL TH	0 ~ 15	15	FIX
VM Level	0 ~ 3	1	FIX
VM Corint	0 ~ 15	0	FIX
VM f0	0 ~ 3	1	FIX
VM Limit	0 ~ 3	1	FIX
VM Delay	0 ~ 3	1	FIX
SHP CD	0 ~ 3	0	FIX
SHP f0	0 / 1	1	FIX
SHP f1 & P/O	-	11	FIX
AKB Time	0 ~ 63	13	FIX
BandPass 9407	-	24	FIX
HighPass 9407	-	40	FIX
S ABL	0 ~ 3	0	FIX
P ABL	0 ~ 15	15	FIX

4-2-2(D) VIDEO ADJUST3

Item	Range	Initial Data	Remark
H Comp	0 ~ 15	1	FIX
V Comp	0 ~ 15	4	
Pin Comp	0 ~ 7	3	
AFC Comp	0 ~ 7	0	
H-Sync Phase	0 / 1	0	
NR Off Value	-	6	
CG HAO	0 ~ 20	10	
CG VAO	0 ~ 20	15	
NR High Ref	0 ~127	40	
NR Low Ref	0 ~127	3	
NR High Value	-	17	
NR Low Value	-	51	
NR Hight Ref(S)	0 ~127	20	
NR Low Ref(s)	0 ~127	0	
NR High Value(S)	-	17	
NR Low Value(S)	-	51	
NR Read M/S	-	0 0	

4-2-1(E) VIDEO ADJUST4

Item	Range	Initial Data	Remark
SECAM Color Main	0 ~255	28	FIX
SECAM Color Pip	0 ~255	28	
Picture Limit	0 ~ 3	3	
OSD Contrast	0 ~ 15	10	
TTX Contrast	0 ~ 15	3	

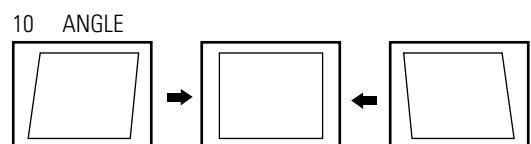
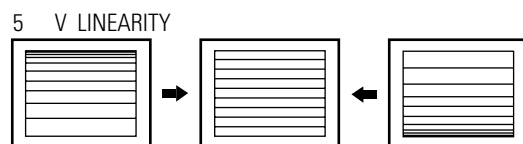
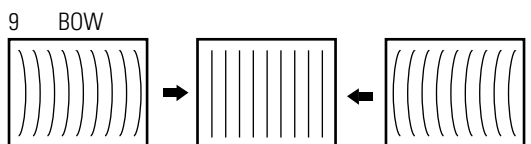
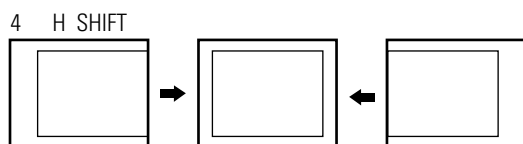
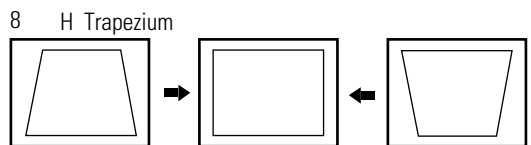
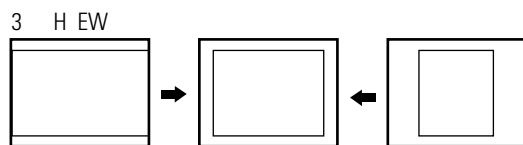
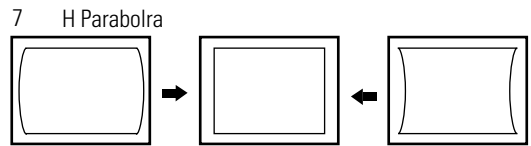
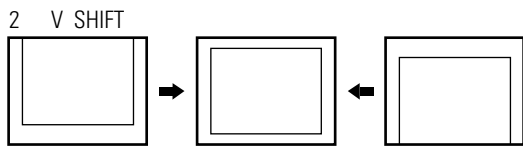
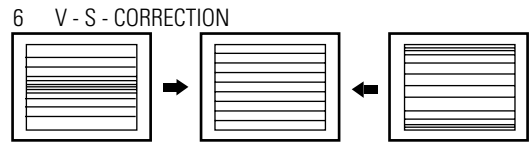
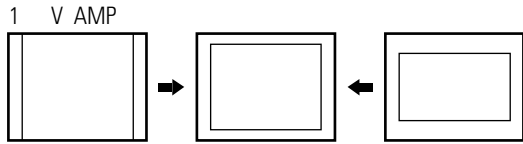
4-2-1(F) OPTION

Item	Setting Data	Appliance (Southeast Asia)	Appliance (CHINA)	Appliance (Middle East)
LANGUAGE	ENG+THAI / ENG+CHINA ENG+MIDDLE / ONLY ENG	ONLY ENG ENG+THAI(Thailand)	ENG+CHINA	ENG+MIDDLE
SOUNG	A2-NICAM/Virtual Dolby	Virtual Dolby	Virtual Dolby	Virtual Dolby
CRT	WIDE / 4:3	4:3(Optional)	4:3(Optional)	4:3(Optional)
CHANNEL	100-channel / 200-channel /250-channel	100-channel	200-channel	250-channel
X-LAY	OFF / ON	ON	ON	ON
TTX	OFF / ON	ON	OFF	ON
AUTO FM	OFF / ON	ON	ON	ON
PIP	OFF / 2-TUNER	2-TUNER	2-TUNER	2-TUNER
MULTI PIP	OFF / ON	ON	ON	ON
LNA	OFF / ON	ON	ON	ON
HIGH DEV	OFF / ON	OFF	OFF	OFF
SCART	RCA+1SCART+DVD / RCA+DVD	RCA+1SCART+DVD	RCA+DVD	RCA+1SCART+DVD
LETTER BOX	OFF / ON	ON	ON	ON
DW PIP	OFF / ON	OFF	OFF	OFF
LIST PRIOR	OFF / ON	OFF ON(AUSTRALIA)	OFF	OFF
TTX LANG	WEST EUROPE / EAST EUROPE RUSSIAN / GREEK-TURKEY ARABIC / FARSI / AREB-HEBREW	WEST EUROPE	WEST EUROPE	ARABIC
AGC	OFF / ON	OFF	OFF	OFF
AV MEMORY	OFF / ON	OFF	OFF	OFF
AUSTRALIA	OFF / ON	OFF	OFF	OFF

4-2-2(G) YC DELAY

Item	Range
P.YC(AV) Delay	1
S.YC(AV) Delay	-5
N.YC(AV) Delay	1
P.BG.YC Dealy	1
P.DK.YC Delay	-2
P.I.YC Delay	0
P.M.YC Delay	0
P.N.YC Delay	0
S.BG.YC Delay	-7
S.DK.YC Delay	-9
S.I.YC Delay	-9
S.M.YC Delay	-7
S.L.YC Delay	-10
N.M.YC Delay	3

4-3 Screen Change (When Adjusting I²C Bus Geometric Items)



4-4 Other Adjustments

4-4-1 Screen Adjustment

1. Warm up the TV for at least 30 minutes.
2. Select the "DYNAMIC" Video mode.
3. Turn to the Video Mode(No Signal) using a remote-control.
4. Connect an oscilloscope to RK, GK, BK.
5. Adjust the VR (VR501, VR531, VR561) screen so that RK, GK, BK pulse is 20Vp-p each. (Turn the R,G,B VR screen fully counterclockwise in the area of each flyback line.)

4-4-2 White Balance Adjustment

1. Select the "DYNAMIC" video mode.
2. Input 100% white pattern.
3. In the stand-by mode, press the remote-control keys in the following sequence:
Display → Menu → Mute → Power ON
4. Warm up the TV for at least 30 minutes.
5. Input a 10-step signal.
6. R-cut off, B-cut off, and G-cut off by pressing the Volume +/- keys.
7. Adjust the low light with viewing the dark side of the screen.
8. Select R-drive, G-drive and B-drive by pressing the Volume +/- keys.
9. Adjust the high light with viewing the light side of the screen.
10. If necessary, redo adjustments 6~9.
11. Press the Menu key to exit.

4-6-3 Sub-Brightness Adjustment

1. Input a sub-brightness adjustment signal. (TOSHIBA PATTERN)
2. In the stand-by mode, press the remote-control

keys in the following sequence :
Display → Menu → Mute → Power ON

3. Select Sub-Bright by pressing the Volume +/- keys.
4. Adjust so that the 63 step on the right side of the screen is not seen (Use the Volume +/- keys).
5. Press the Menu key to exit.

4-4-4 High Voltage (30KV) Check

PRECAUTION

1. Input a lion head pattern.
2. Select "DYNAMIC" video mode.
3. Warm up the TV for at least 10 minutes.
4. Use a digital multimeter.

ADJUSTMENT

1. Connect the (+) terminal of the digital multimeter to Q471 and the (-) terminal to Q401 (located on the deflection board).
2. Adjust RR471S (located on the sub board) so that the digital meter indicates DC290V ± 0.1V.

4-4-5 F.S. (Fail Safe) Circuit Check (GT430,GT431)

Note : The F.S. Circuit check must be performed after servicing.

1. Turn on the TV.
2. Select the "DYNAMIC" video mode.
3. Short F/S Test point (located on the SUB PCB). Then, both sound and picture disappear. (Note: Even if the shorted terminals are removed, both sound and picture do not appear. This proves the F.S. circuit is working.)
4. To restore both sound and picture, turn off the TV and reset it after about 30 seconds.

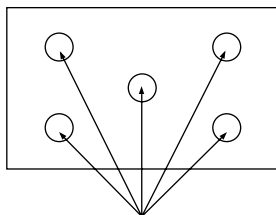
4-4-6 Static Focus Adjustment

PRECAUTION

1. Select the “DYNAMIC” video mode.
2. Input a crosshatch pattern.
3. Cover the lenses that are not being adjusted.
4. Connect a convergence jig and read data.
5. Adjust the lens for best focus.
(See Fig. 4-1)

STATIC FOCUS (CONTINUED)

Vary the focus pack VR (Red, Blue) on the front cabinet. Adjust the TV for best possible focus around the center of the crosshatch pattern, without losing overall screen balance. Figure Crosshatch Pattern
Examine these points together.



Examine these points together
Fig. 4-1 Crosshatch Pattern.

4-4-7 Lens Focus Adjustment

PRECAUTIONS

1. Do this adjustment after the static focus adjustment and the tilt adjustment.
2. Select the “DYNAMIC” video mode.
(Contrast:100, Brightness:50)
3. Input a crosshatch pattern.

ADJUSTMENT

1. Loosen the lens screws.
2. Cover the two lenses that are not being adjusted.
3. Adjust the lens, observing the color aberration vertically and horizontally within 3 blocks of the center of the crosshatch pattern.

4. When the lens is turned clockwise, the color aberration will change as follows:

<u>Lens</u>	<u>Color Aberration Change</u>
R	Orange - Crimson
G	Blue - Red
B	Purple - Green

5. Green lens adjustment:
Set the lens at the point where Blue just changes to Red. If the color aberration is irregular throughout the picture screen, adjust the lens to show Red color aberration (approximately 1~3 mm area) within a 3-block grid around the horizontal center-line. If the color aberration is irregular, adjust the lens as shown in the diagram below. (Accurate alignment of Green is important for overall color quality.)
6. Red lens adjustment
Set the Red lens at the point where Orange becomes Crimson.
7. Blue lens adjustment
Set the Blue lens at the point where Purple becomes Green.

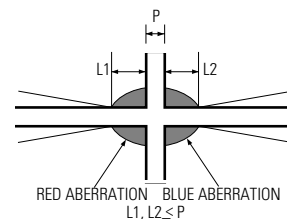
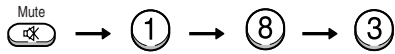


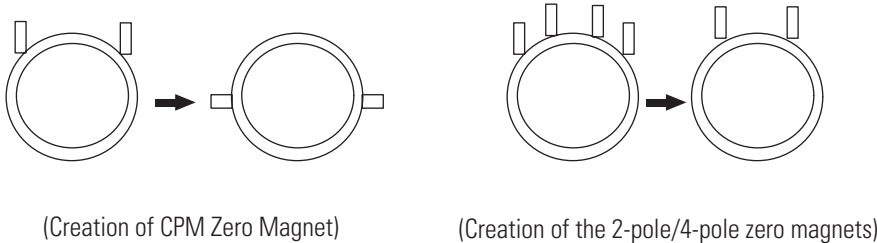
Fig. 4-2 Color Aberration

4-5 Beam alignment Adjustments

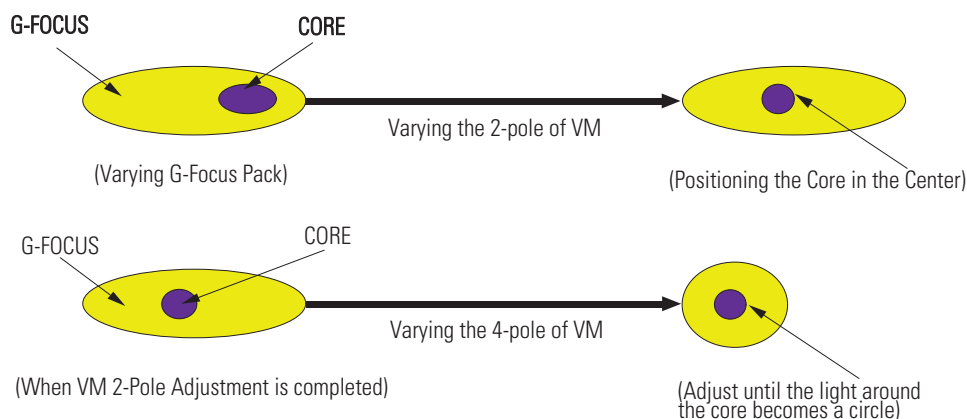
1. Select the "DYNAMIC" video mode.
2. Warm up the set at least for 10 minutes.
3. Enter the Convergence mode by pressing the remote control buttons in the following sequence :



4. Set the Beam Alignment Adjustment CY to Zero magnetic field area.



5. Check the squarewave at the point where the focus is misaligned.
6. Press the ⑦ button on the remote control during 3~5 sec and vibrating dot-pattern appears.
7. Adjust the Focus-pack VR for defocusing.
8. Mute the other patterns (R/B) other than G-PATTERN.
(Use buttons on the remote control.)

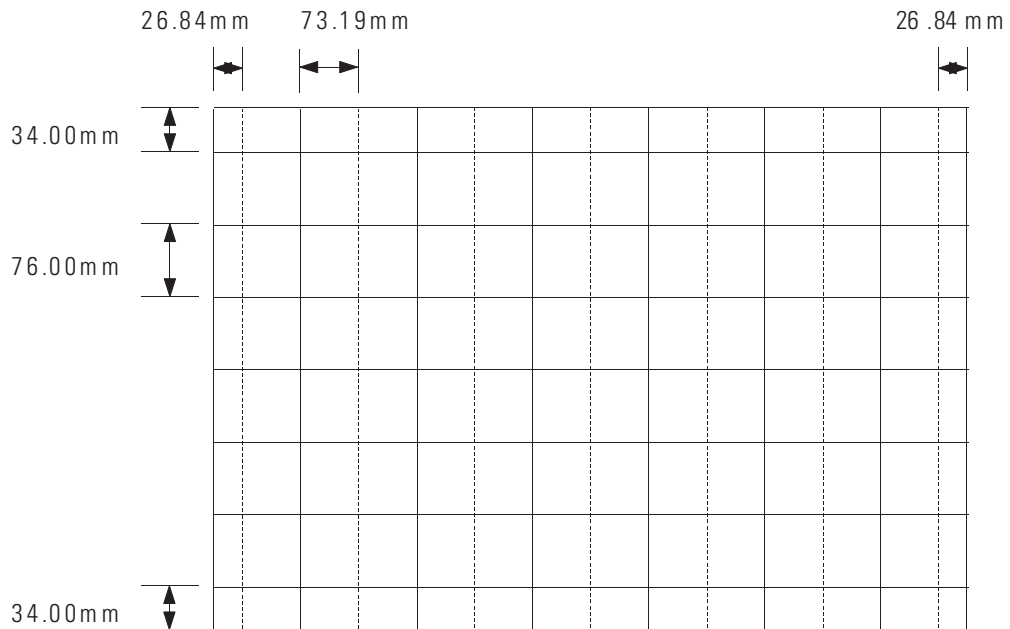


9. Adjust the 2, 4 polarities of VM-COIL as shown in figure below.
10. Adjust the G-Focus until any light around the core disappears.
11. Adjust G-Focus so that the surrounding flash can disappear from the spot.
12. After G-Focus adjustments are complete, adjust R-Focus as above procedures.
13. The B-CRT adjustments can be omitted because the variance of beam focus is small.
(Only Vm-coil is mounted.)
14. Adjust the Focus-pack VR for fine focusing.
15. Press the ⑦ button on the remote control, and the mode changes to the Convergence Adjustment mode.
16. Press the button on the remote control to return to normal viewing.

4-6 SCREEN-JIG

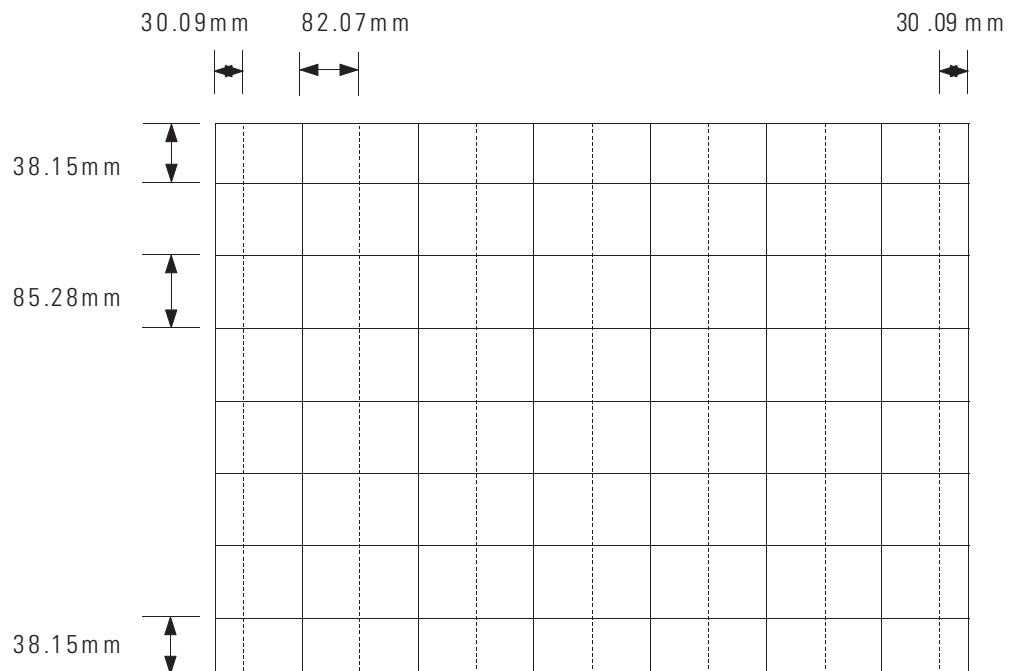
4-6-1 42W5

42W5 Screen Size : X 932, Y 524 (X:764 = 22 x 2 + 60 x 12, Y:262 = 17 x 2 + 38 x 6)-PAL MODE



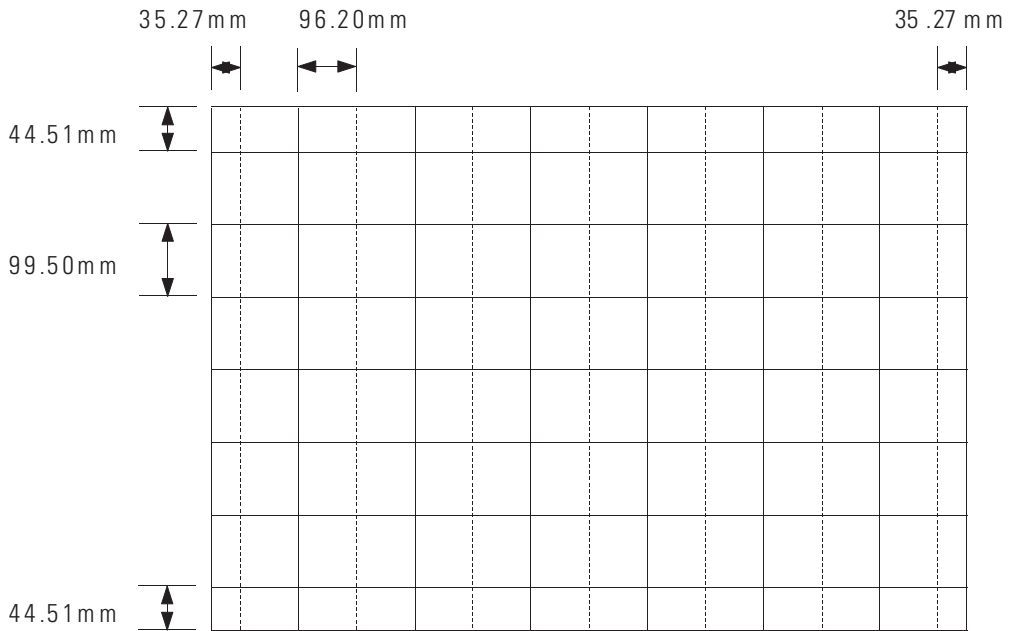
4-6-2 47W3

47W3 Screen Size : X 1045, Y 588 (X:764 = 22 x 2 + 60 x 12, Y:262 = 17 x 2 + 38 x 6)-PAL MODE



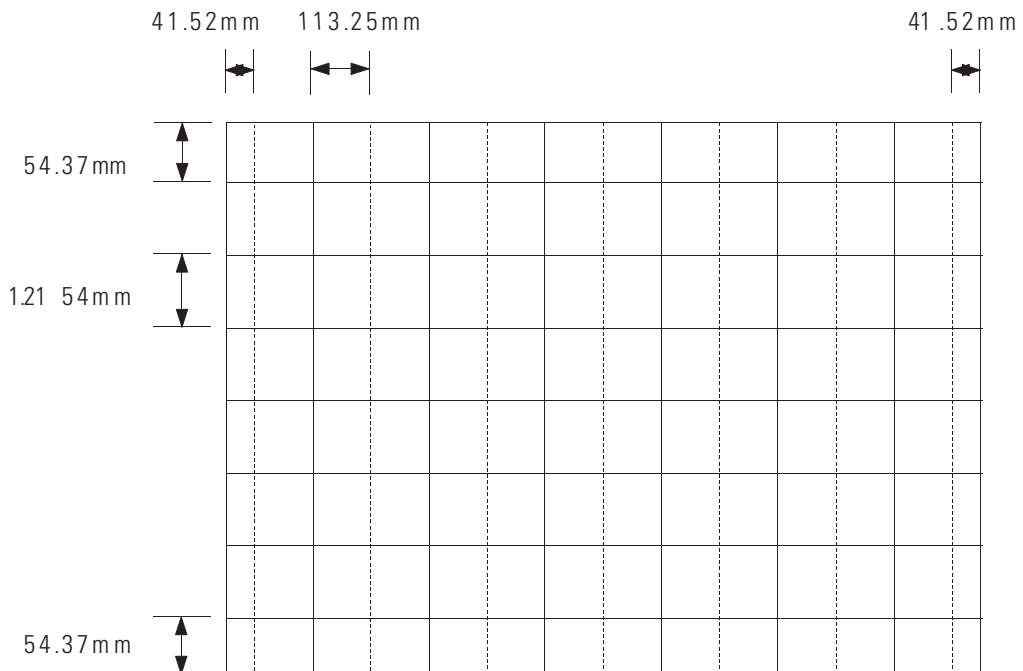
4-6-3 55W3

55W3 Screen Size : X 1225, Y 686 (X:764 = 22 x 2 + 60 x 12, Y:262 = 17 x 2 + 38 x 6)-PAL MODE



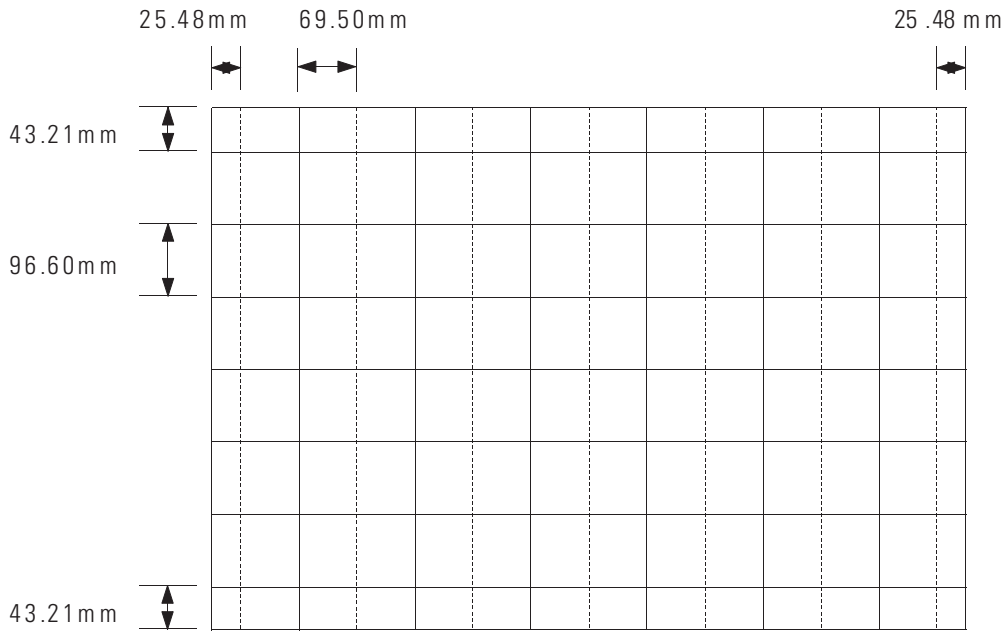
4-6-4 65W3

65W3 Screen Size : X 1442, Y 838 (X:764 = 22 x 2 + 60 x 12, Y:262 = 17 x 2 + 38 x 6)-PAL MODE



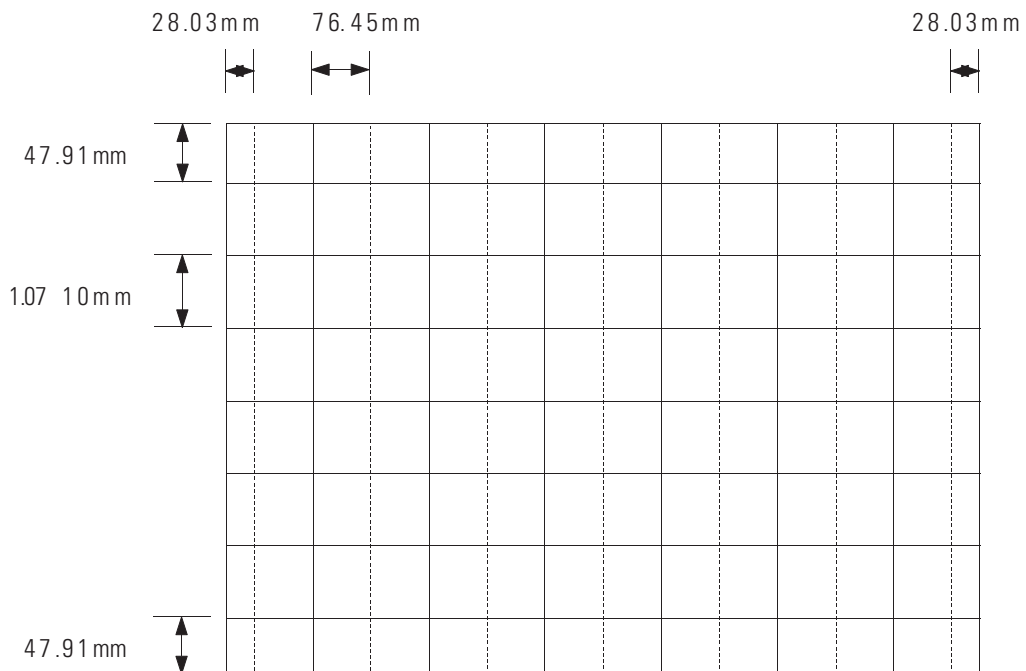
4-6-5 43T6/43T7

43T6 Screen Size : X 885, Y 666 (X:764 = 22 x 2 + 60 x 12, Y:262 = 17 x 2 + 38 x 6)-PAL MODE



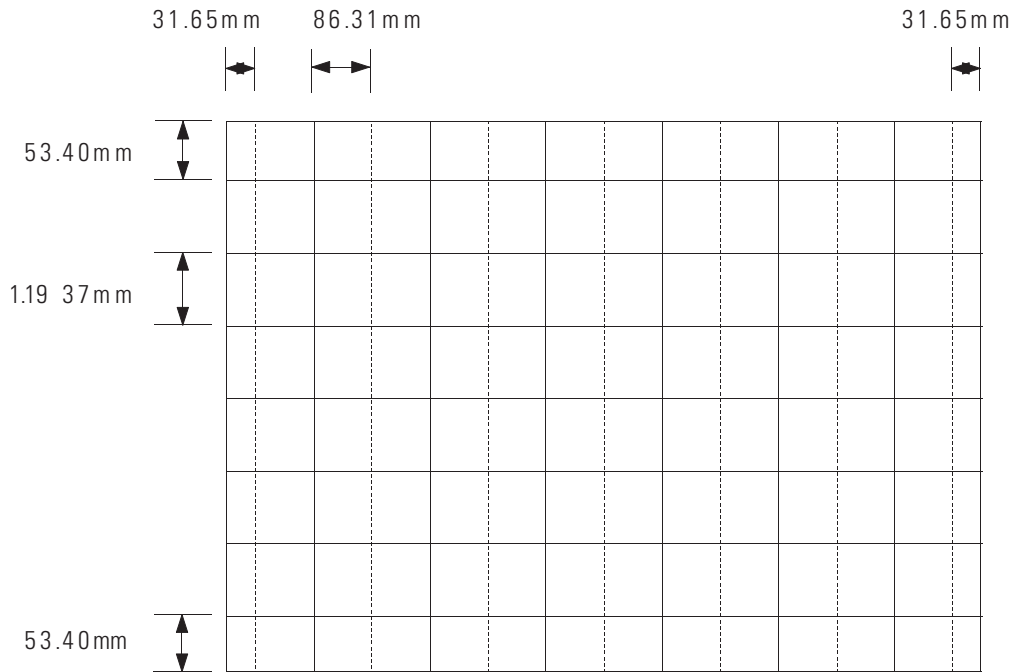
4-6-6 48T6

48T6 Screen Size : X 973.4 Y 738.4 (X:764 = 22 x 2 + 60 x 12, Y:262 = 17 x 2 + 38 x 6)-PAL MODE



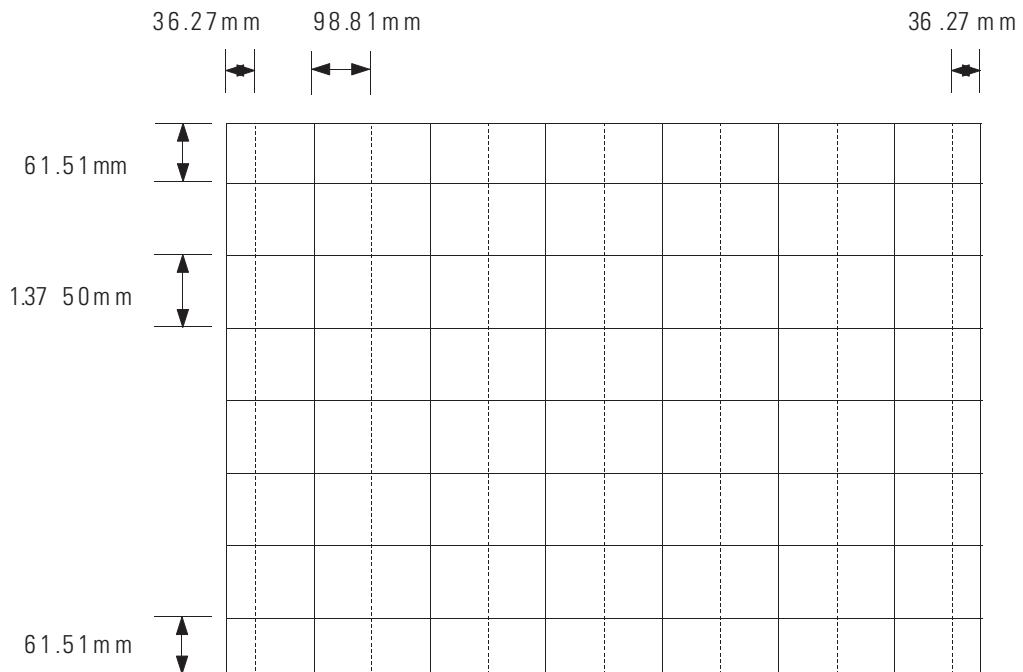
4-6-5 54T6

54T6 Screen Size : X 1099 Y 823 (X:764 = 22 x 2 + 60 x 12, Y:262 = 17 x 2 + 38 x 6)-PAL MODE

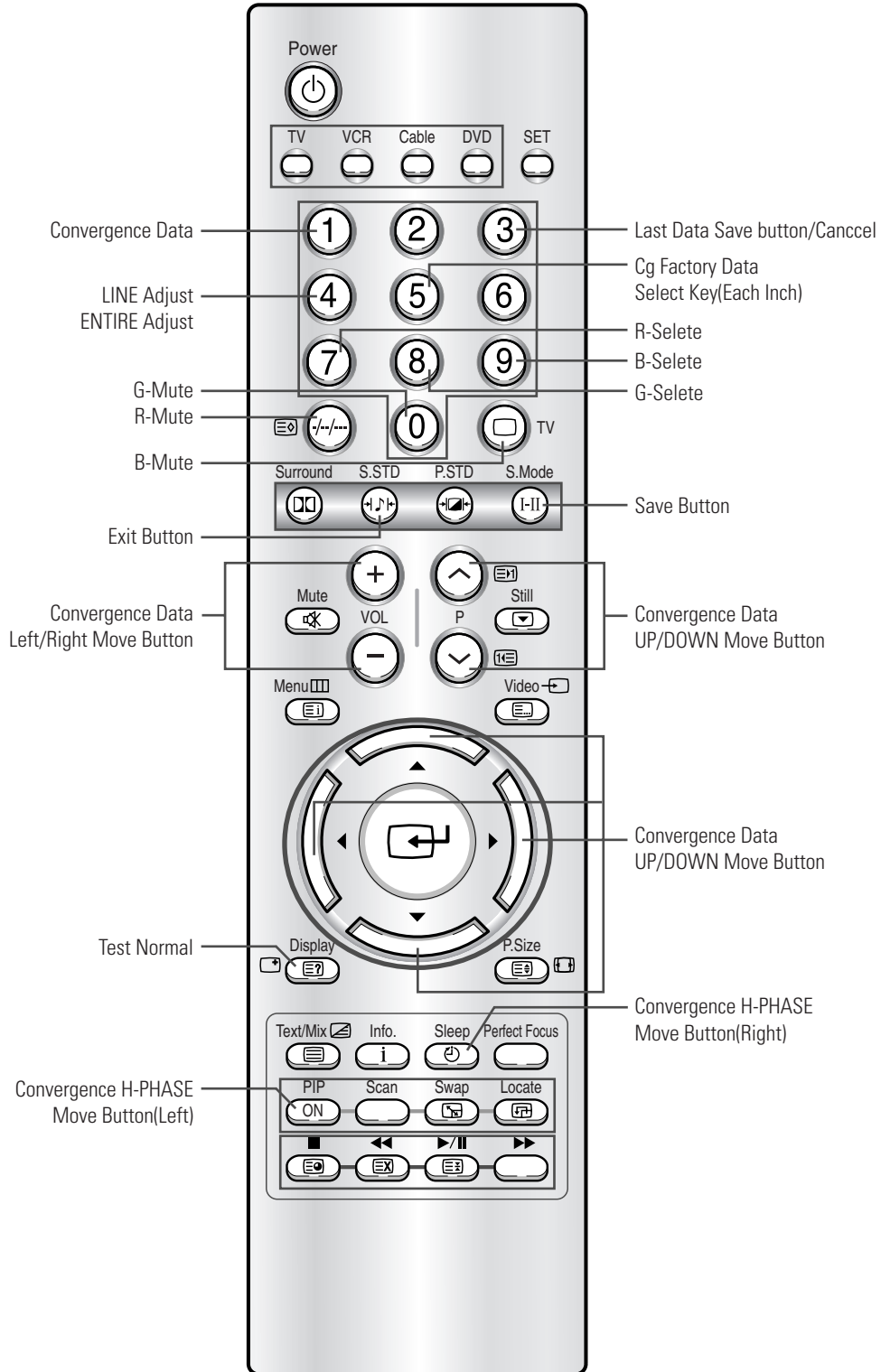


4-6-6 62T6



















62T6 Screen Size : X 1259.4, Y 948 (X:764 = 22 x 2 + 60 x 12, Y:262 = 17 x 2 + 38 x 6)-PAL MODE



4-7 Remote Control for Servicing(Convergence Mode)

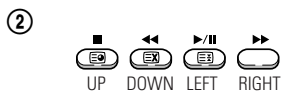
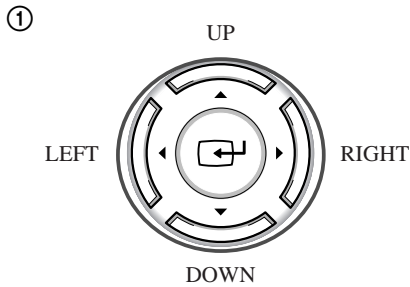


4-7-1 KEY Function

1. R-SELECT  ⑦
Press to select RED color.
2. G-SELECT  ⑧
Press to select GREEN color.
3. B-SELECT  ⑨
Press to select BLUE color.
4. R-MUTE   
Press to mute RED color.
5. G-MUTE  ⑩
Press to mute GREEN color.
6. B-MUTE  
Press to mute BLUE color.
7. CANCEL KEY  ③
Press to revert to the previous data during the Convergence Adjustment.
8. TEST/NORMAL  
Press to check TV mode in the Convergence Mode.
9. LINE SHIFT  ④
Press to move a line up/down or left/right.
10. FACTORY DATA SELECT BUTTON  ②
Press to call the factory default values.
11. SAVE BUTTON  
After the Convergence Adjustments are completed, press to save data.
12. EXIT BUTTON  
After the Convergence adjustments are completed, press to exit to TV mode.

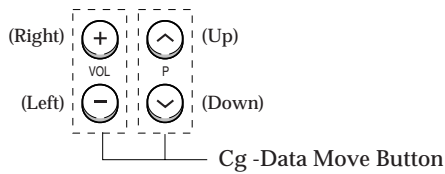
13. CURSOR MOVE BUTTON

Press to move the cursor up/down or right/left.





- ③ (Mute) Press to move the cursor left or up.
 (Video) Press to move the cursor right or down.
 (Menu) Press switch the cursor direction horizontally or vertically.

14. CONVERGENCE PICTURE MOVE BUTTON



15. CONVERGENCE MOVE BUTTON


Press to move the convergence right () or left ().

16. CONVERGENCE DATA ZERO BUTTON ①

Press to zero the convergence correction data.

17. INITIAL DATA SET BUTTON **Changes when applying Almighty-Cg, Module (How to extract the basic Cg Data)**

Inch (Type)	Model Name	Basic Data	Screen Display
	Representative Model	Number after entering the Cg-Mode	
42" (42W5)	SP42W5	5-425 (Press in regular order)	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
47" (47W3)	SP47W3	5-473(Press in regular order)	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
55" (55W3)	SP55W3	5-553(Press in regular order)	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
43" (43T6)	SP43T6	5-436(Press in regular order)	+ + + +
43" (43T7)	SP43T7	5-437(Press in regular order)	+ + + + +
48" (48T6)	SP48T6	5-485(Press in regular order)	+ + + + + +
54" (54T6)	SP54T6	5-545(Press in regular order)	+ + + +
62" (62T6)	SP62T6	5-625(Press in regular order)	+ + + + + + + +
65"(65W3)	SP65W3		

18. Data shift Button  Locate Press to transmit data(PAL Mode/NTSC Mode).

4-8 Convergence Adjustment

4-8-1 Convergence Adjustment



Special Notes

- ⇒ A sensor is attached on the center of each side of the Convergence Mode pattern (see figure below). The sensors are required for normal Perfect Focus function.
- ⇒ Use a screen jig to do the convergence adjustments correctly (Especially, perform correct convergence adjustments on the center of each side where a sensor is located.)
- ⇒ Do the convergence adjustments correctly. Otherwise, any Perfect Focus error can happen.


1. Warm up the TV for a least 30 minutes.
2. Input an PAL Signal.(Use an antenna or AV source.)

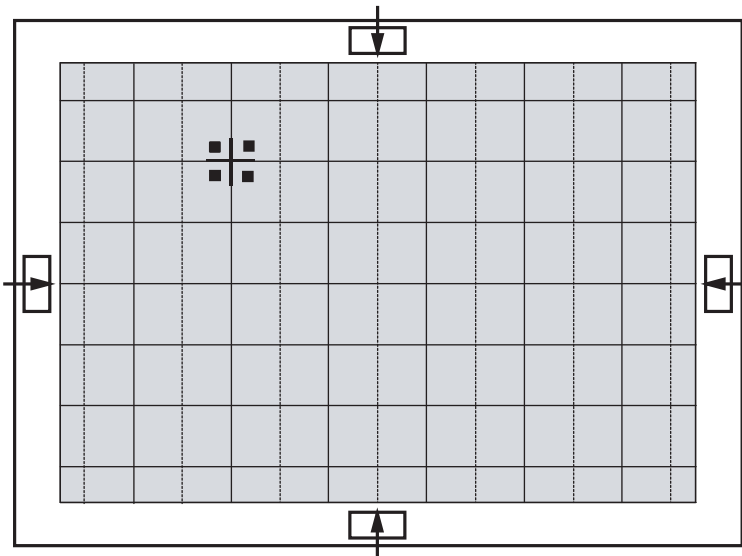






Make sure that deflection yoke are properly adjusted so that the center of Green, Red, Blue pattern is aligned on the center of screen jig.

3. Enter the Convergence Mode by Pressing the remote control keys in the following sequence:




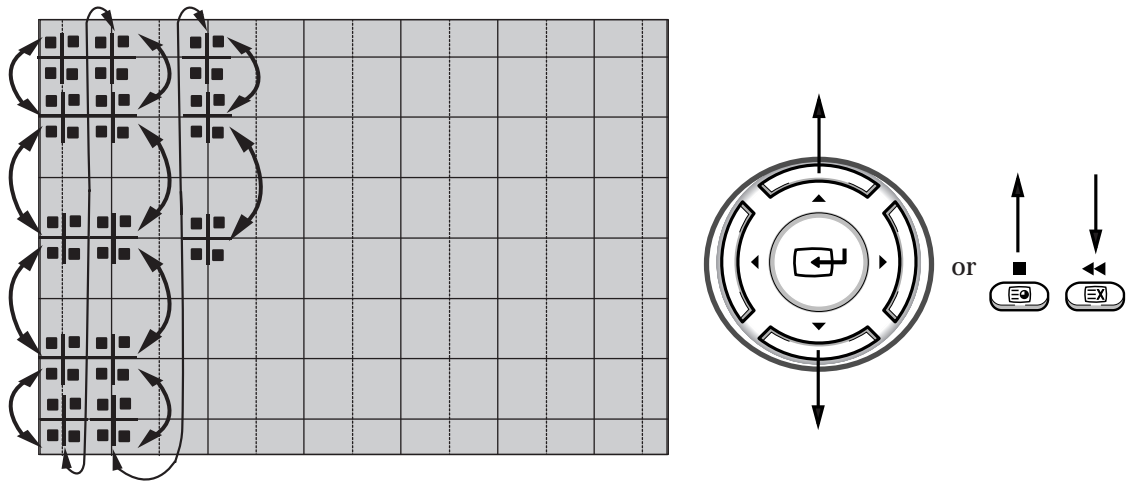
If OSD displayed as shown in figure below, press the  key to exit. Then, redo step 3 to enter the Convergence Mode. After entering the Convergence Mode, Stand by for about five seconds before doing the adjustments.







4. To adjust GREEN, first press the   and the  TV keys, and then press the  key.

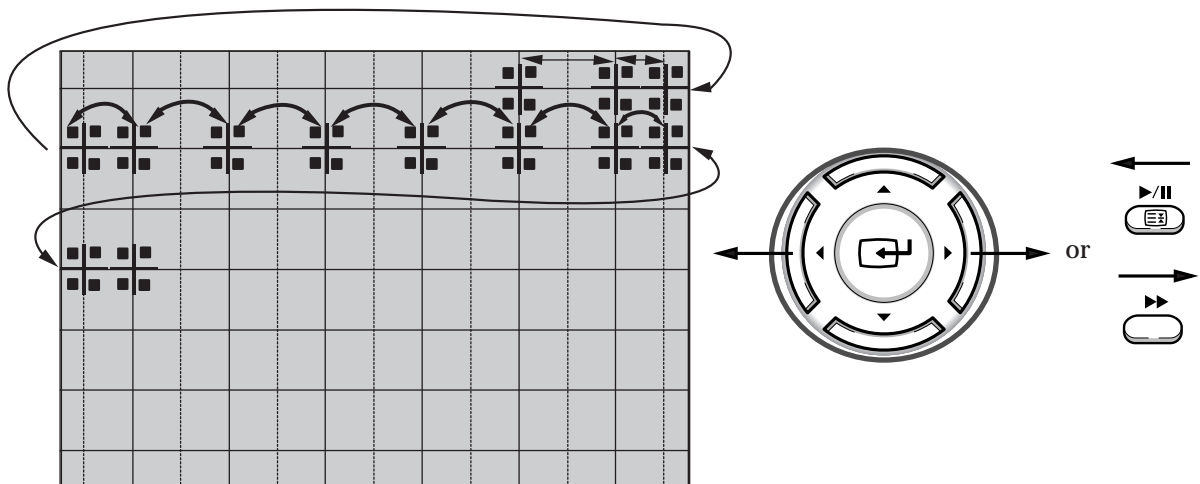


5. The  key moves the cursor horizontally or vertically

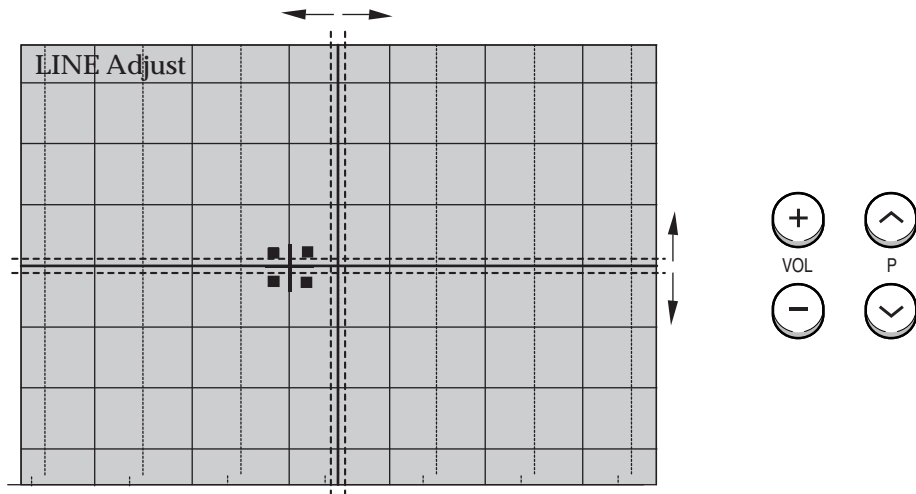


NOTE When the  key is pressed once again, the cursor moves horizontally.

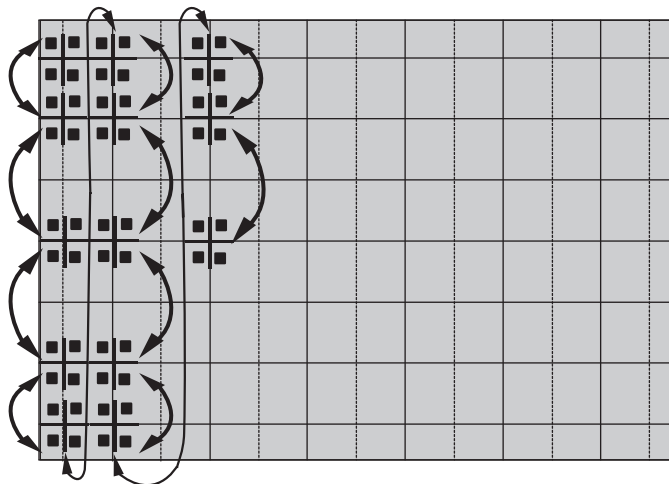
6. The  key moves the cursor right, and the   key moves the cursor left.








- Use the **4** key for overall balance.



- After the Line Shift is cancelled by pressing the **4** key, use the Channel and Volume keys (Up/Down /Right/Left) to make big adjustments.
- After the green convergence adjustments are completed, press the **S.Mode** **I-II** key to save the data.
- Superimpose the Red and Green colors by pressing the **Menu** **1-1** and the **7** keys.
- To adjust RED, redo steps 5~7.

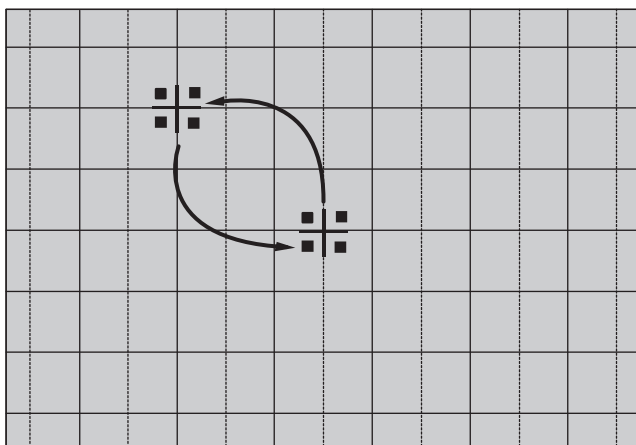


When the cursor moves vertically **Menu** **1-1**

12. To superimpose the blue and green colors, press (1) the   key for R-Mute, (2) the  key to cancel the B-Mute, and (3) the  key for B-select.
13. To adjust BLUE, redo steps 5 ~ 7, 13.
14. If any color is not properly adjusted when displaying the red, blue and green colors, readjust the color.
15. After the color adjustments are completed, press the ^{S.Mode}  key to save the data.

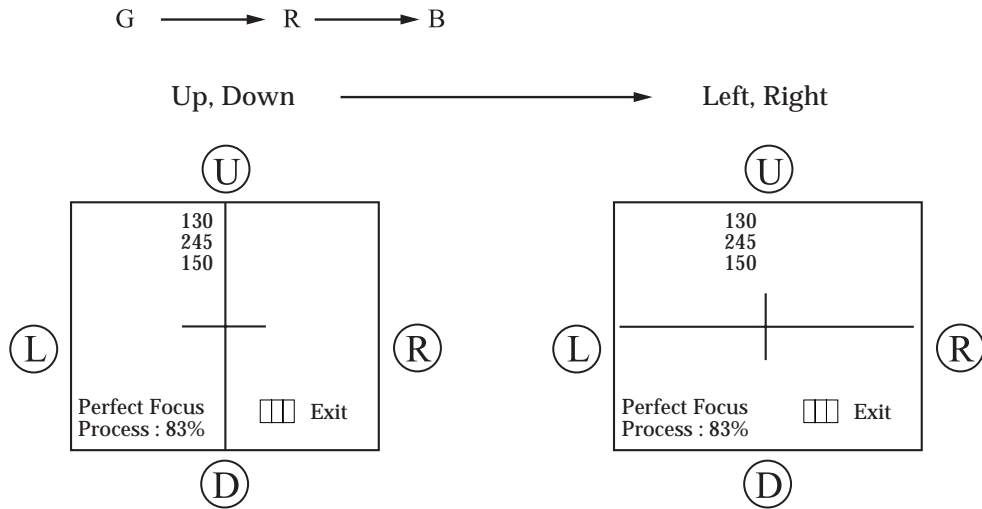


The cursor moves to center, and then automatically moves up and to the left about five seconds later.



4-8-2 Perfect Focus(Factory Mode)

1. After the adjustment is completely saved, press the Perfect Focus key to perform Auto Convergence(Factory Mode). Auto Convergence is performed in the following sequences:



When Auto Convergence is complete, the data is automatically saved and the convergence pattern reverts.



- ◆ After Factory Auto Convergence is complete, make sure that the cursor flickers for about 1 second on the center and then it is saved.
- ◆ Check the presence of error through the flicker of the cursor.
- ◆ When any error happens, be sure to re-do Factory Auto Convergence.
- ◆ When Convergence Adjustment is not normally done or the convergence center is misaligned with the sensing point, any adjustment error happens. Therefore, be sure to use a screen jig to correctly adjust during troubleshooting.

2. After the Convergence Adjustments are completed, press the S.STD key to exit.

4-9 MICOM and Pins Voltage

4-9-1 Pin Layout

			D05	100		D05	
			D00	99		D00	
			D06	98		D06	
			A0	97		A0	
			D07	96		D07	
			N.C	95		N.C	
			A1	94		A1	
			A2	93		A2	
			3.3V	92		3.3V	
			GND	91		GND	
			A10	90		A10	
			A3	89		A3	
			PSEN	88		PSEN	
			LE	87		LE	
			A4	86		A4	
			A11	85		A11	
			A5	84		A5	
			A9	83		A9	
			A6	82		A6	
			A8	81		A8	
		80					N.C
		79					A7
		78					A13
		77					A12
		76					A14
		75					3.3V
		74					GND
		73					2.5V
		72					N.C
		71					A15
		70					A17
		69					A16
		68					N.C
		67					N.C
		66					N.C
		65					N.C
		64					N.C
		63					N.C
		62					N.C
		61					N.C
		60					OSD-F/B
		59					OSD-B
		58					OSD-G
		57					OSG-R
		56					2.5V
		55					GND
		54					N.C
		53					XTAL1
		52					XTAL2
		51					N.C
						50	RESET
						49	N.C
						48	N.C
						47	1080I
						46	POWER
						45	AMP MUTE
						44	N.C
						43	SW3/SW2
						42	N.C
						41	N.C
						40	3.3V
						39	GND
						38	N.C
						37	STD LED
						36	TIMER LED
						35	PROTECT
						34	IR
						33	C/SPK MUTE
						32	N.C
						31	N.C
						30	N.C

S D A 5 5 5 0 M - O T P
(S - M - 8 1 4 E W)

4-9-2 MICOM MODULE Pins

PIN NO.	ITEM	FUNCTION	OUT VOLT
1	KEY 1	KEY SCAN1	2.28[V]
2	PROTECT	PROTECT PORT	0.83[mV]
3	KEY 2	KEY SCAN2	2.25[V]
4	GND	GND	-
5	N.C	N.C	-
6	STB-5(V)	VCC	4.91[V]
7	IR IN	REMOCON INPUT	3.74[V]
8	POWER	POWER ON/OFF RELAY CONTROL	1.03[V]
9	TIMER-LED	TIMER LED	2.07[V]
10	N.C	N.C	-
11	GND	GND	-
12	V-RESET	VIDEO RESET	2.84[mV]
13	SCL1	SERIAL CLOCK LINE1	3.43[V]
14	GND	GND	-
15	SDA1	SERIAL DATA LINE1	3.49[V]
16	S-RESET	SOUND RESET	4.21[V]
17	ST-BY-LED	STAND-BY LED	2.95[V]
18	RESET	RESET	2.47[V]
19	AMP-MUTE	SOUND AMP MUTE	0.89[mV]
20	N.C	N.C	-
21	GND	GND	-
22	N.C	N.C	-
23	SCL2	SERIAL CLOCK LINE2	3.27[V]
24	C-SPK MUTE	CENTER SPEAKER MUTE	3.26[V]
25	SDA2	SERIAL DATA LINE2	3.27[V]
26	SW3	SW3(CONTROL)	5[mV]
27	GND	GND	-
28	SW2	SW2(CONTROL)	2.08[V]
29	SUB-AFT	SUB TUNER AFT CONTROL	2.57[V]
30	GND	GND	-
31	MAIN-AFT	MAIN TUNER AFT CONTROL	1.04[V]
32	BUS-STOP	IIC BUS STOP	3.27[V]

PIN NO.	ITEM	FUNCTION	OUT VOLT
33	5[V]	5[V]	4.96[V]
34	H-BLANK	HORIZONTAL BLANK	215.8[mV]
35	GND	GND	-
36	V-BLANK	VERTICAL BLANK	-12.10[mV]
37	N.C	N.C	-
38	GND	GND	-
39	GND	GND	-
40	N.C	N.C	-
41	VS1	VERTICAL SYNC	-
42	N.C	N.C	-
43	HS1	HORIZONTAL SYNC	215.51[mV]
44	N.C	N.C	-
45	GND	GND	-
46	N.C	N.C	-
47	TTX-CVBS	TTX/CAPTION-CVBS	1.19[V]
48	GND	GND	-
49	GND	GND	-
50	N.C	N.C	-
51	AN-LINK	NOT USE	-
52	N.C	N.C	-
53	GND	GND	-
54	N.C	N.C	-
55	N.C	N.C	-
56	GND	GND	-
57	N.C	N.C	-
58	OSD-TTX-R	ON SCREEN DISPLAY RED	168[mV]
59	GND	GND	-
60	OSD-TTX-G	ON SCREEN DISPLAY GREEN	0.46[V]
61	WP	WRITE PROTECT	-
62	OSD-TTX-B	ON SCREEN DISPLAY BLUE	0.46[V]
63	3.3[V]	3.3[V]	3.26[V]
64	OSD-TTX-FB	OSD/TTX-FB	7.31[mV]

4-9-3 PROSCAN MODULE Pins

PIN NO.	ITEM	FUNCTION	OUT VOLT
1	EW	EAST WEST OUT	2.26[V]
2	V-BLK	VERTICAL BLANK	-12.07[mV]
3	ABL	ABL(Automatic Brightness Limiter)	2.26[V]
4	VD-	VERTICAL DRIVE(-VOLTAGE)	3.46[V]
5	VD+	VERTICAL DRIVE(+VOLTAGE)	3.53[V]
6	H-BLK	HORIZONTAL BLANK	215.93[mV]
7	HD	HORIZONTAL DRIVE	2.38[V]
8	GND	GND	-
9	OSD/TTX-FB	OSD/TTX-FB	7.29[mV]
10	OSD/TTX-B	ON SCREEN DISPLAY BLUE IN	0.46[mV]
11	OSD/TTX-G	ON SCREEN DISPLAY GREEN IN	0.46[mV]
12	OSD/TTX-R	ON SCREEN DISPLAY RED IN	167.99[mV]
13	V-RESET	VIDEO RESET	2.94[mV]
14	GND	GND	-
15	SCL1	SERIAL CLOCK LINE	3.42[V]
16	SDA1	SERIAL DATA LINE	3.50[V]
17	N.C	N.C	-
18	COMP	COMP	27.28[mV]
19	GND	GND	-
20	CG-R	CONVERGENCE RED	0.27[mV]
21	CG-G	CONVERGENCE GREEN	0.27[mV]
22	CG-B	CONVERGENCE BLUE	0.29[mV]
23	CG-SYNC	CONVERGENCE SYNC	180.03[mV]
24	D/F	DYNAMIC FOCUS	1.5[V]
25	GND	GND	-
26	9[V]	9[V]	9[V]
27	N.C	N.C	-
28	N.C	N.C	-
29	N.C	N.C	-
30	N.C	N.C	-
31	GND	GND	-
32	13.5[V]	13.5[V]	14.05[V]

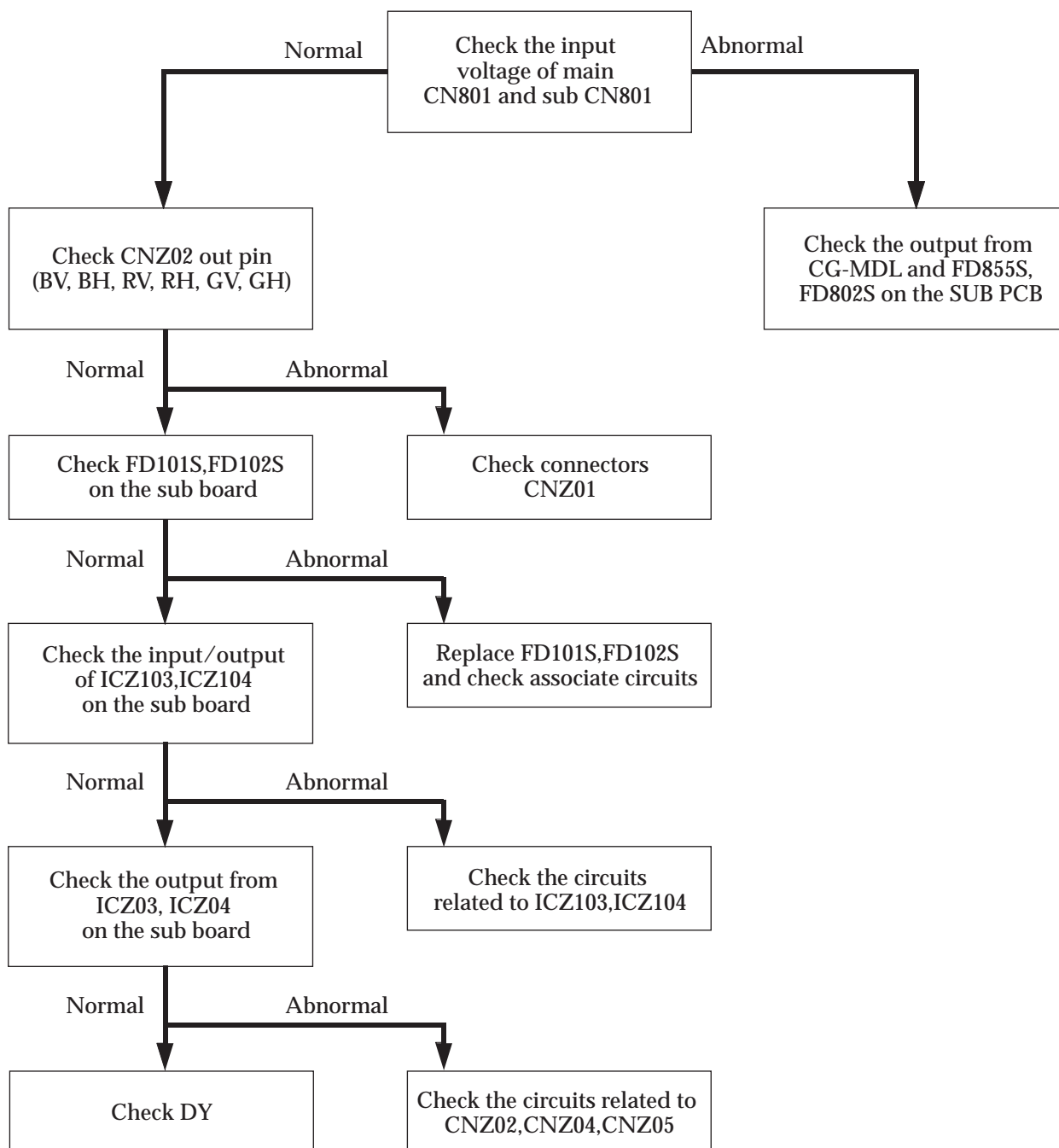
PIN NO.	ITEM	FUNCTION	OUT VOLT
33	5[V]-DW1	5[V]-DW1	4.97[V]
34	VM-Y	VM-Y OUTPUT	1.97[V]
35	SW3	SW3(CONTROL)	4.98[mV]
36	SW2	SW2(CONTROL)	2.08[V]
37	N.C	N.C	-
38	GND	GND	-
39	PIP-C	PIP-C INPUT	1.20[mV]
40	PIP-Y CVBS	PIP-Y/CVBS INPUT	1.33[mV]
41	GND	GND	-
42	MAIN-C	MAIN-C INPUT	1.34[mV]
43	MAIN-Y CVBS	MAIN-Y/CVBS INPUT	1.57[mV]
44	N.C	N.C	-
45	GND	GND	-
46	N.C	N.C	-
47	GND	GND	-
48	RF2-CVBS	RF2-CVBS	-
49	DVD-Pr/R	DVD-Pr/R(SCART)	-
50	DVD-Y/G	DVD-Y/G(SCART)	-
51	DVD-Pb/B	DVD-Pb/B(SCART)	-
52	FB	FB(SCART)	-
53	GND	GND	-
54	N.C	N.C	-
55	N.C	N.C	-
56	N.C	N.C	-
57	GND	GND	-
58	DVD-Pr	DVD-Pr	-
59	DVD-Y	DVD-Y	-
60	DVD-Pb	DVD-Pb	-
61	GND	GND	-
62	5[V]-DW2	5[V]-DW2	4.89[V]
63	N.C	N.C	-
64	N.C	N.C	-

4-9-4 CONVERGENCE MODULE Pins

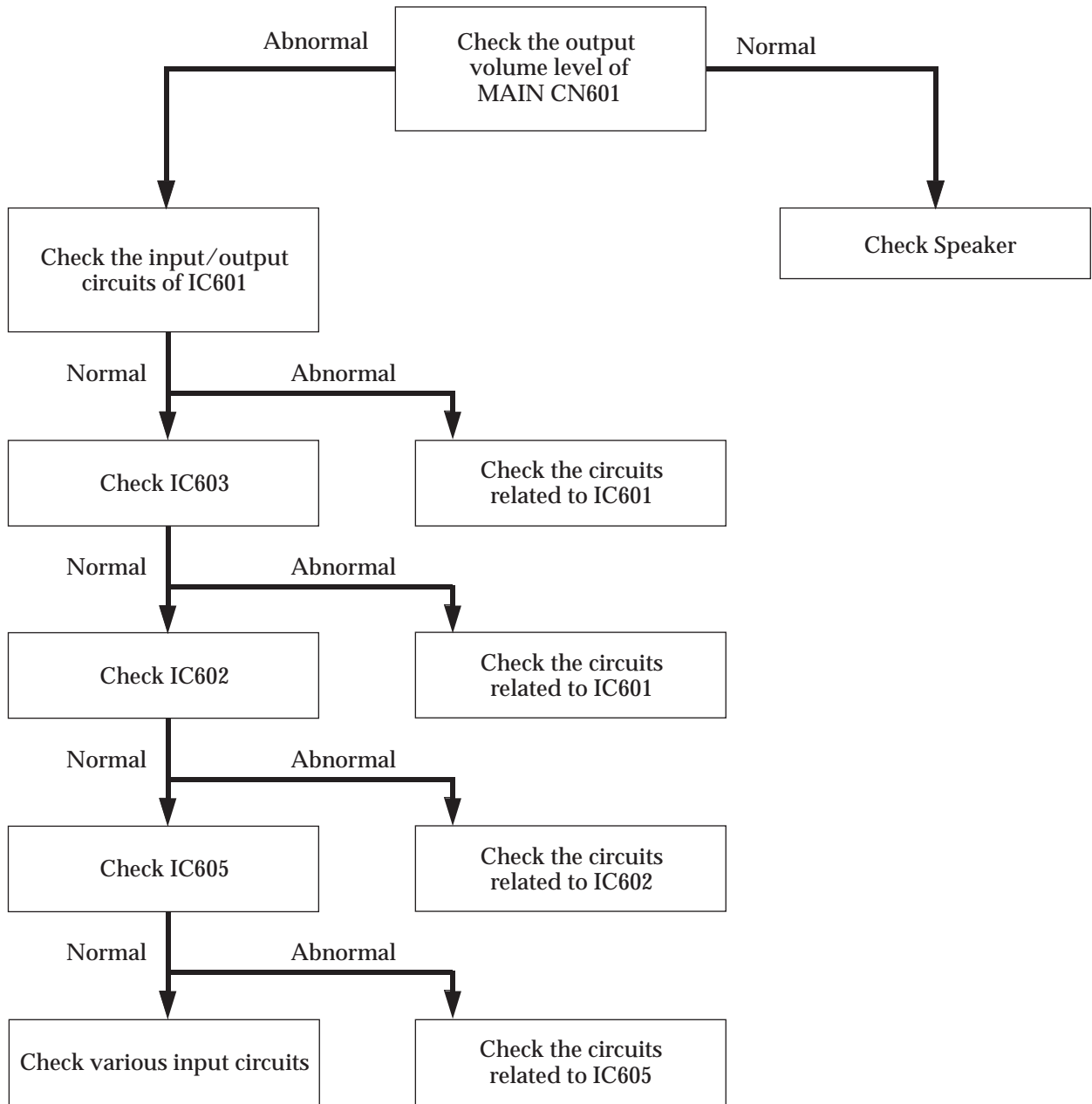
PIN NO.	ITEM	FUNCTION	OUT VOLT
1	5[V]-CG	5[V]-CG	5.2[V]
2	GND	GND	-
3	D/F	DYNAMIC FOCUS	1.5[V]
4	GND	GND	-
5	SCL1	SERIAL CLOCK LINE1	3.4[V]
6	CG-SYNC	CONVERGENCE SYNC	179[mV]
7	GND	GND	-
8	N.C	N.C	5.2[V]
9	CG-R	CONVERGENCE RED	0.27[mV]
10	CG-G	CONVERGENCE GREEN	0.26[mV]
11	CG-B	CONVERGENCE BLUE	0.29[mV]
12	SDA1	SERIAL DATA LINE1	3.5[V]
13	N.C	N.C	-
14	IR	INPUT REMOCON	3.7[V]
15	N.C	N.C	-
16	GND	GND	-
17	GND	GND	-
18	GND	GND	-
19	BV	BLUE VERTICAL OUT	34.27[mV]
20	BH	BLUE HORIZONTAL OUT	-107.32[mV]
21	GV	GREEN VERTICAL OUT	101.52[mV]
22	GH	GREEN HORIZONTAL OUT	-15.83[mV]
23	RV	RED VERTICAL OUT	104.32[mV]
24	RH	RED HORIZONTAL OUT	-88.95[mV]
25	GND	GND	-
26	H-BLK	HORIZONTAL BLANK	275[mV]
27	V-BLK	VERTICAL BLANK	-13.22[mV]
28	GND	GND	-
29	N.C	N.C	-
30	-5[V]	-5[V]	-4.99[V]
31	5[V]	5[V]	5.24[V]
32	GND	GND	-

5. Troubleshooting

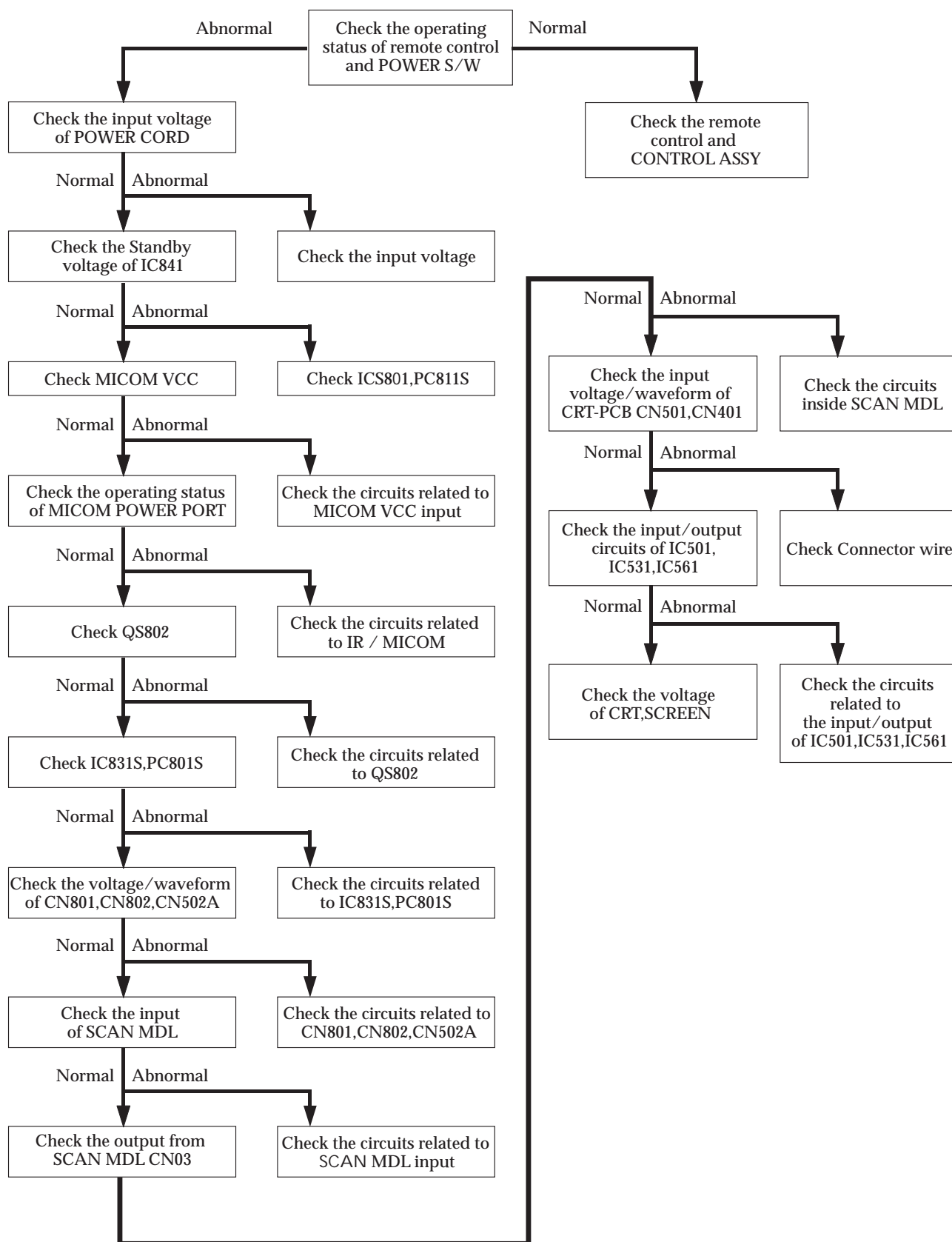
5-1 Convergence Misaligned



5-2 No Sound



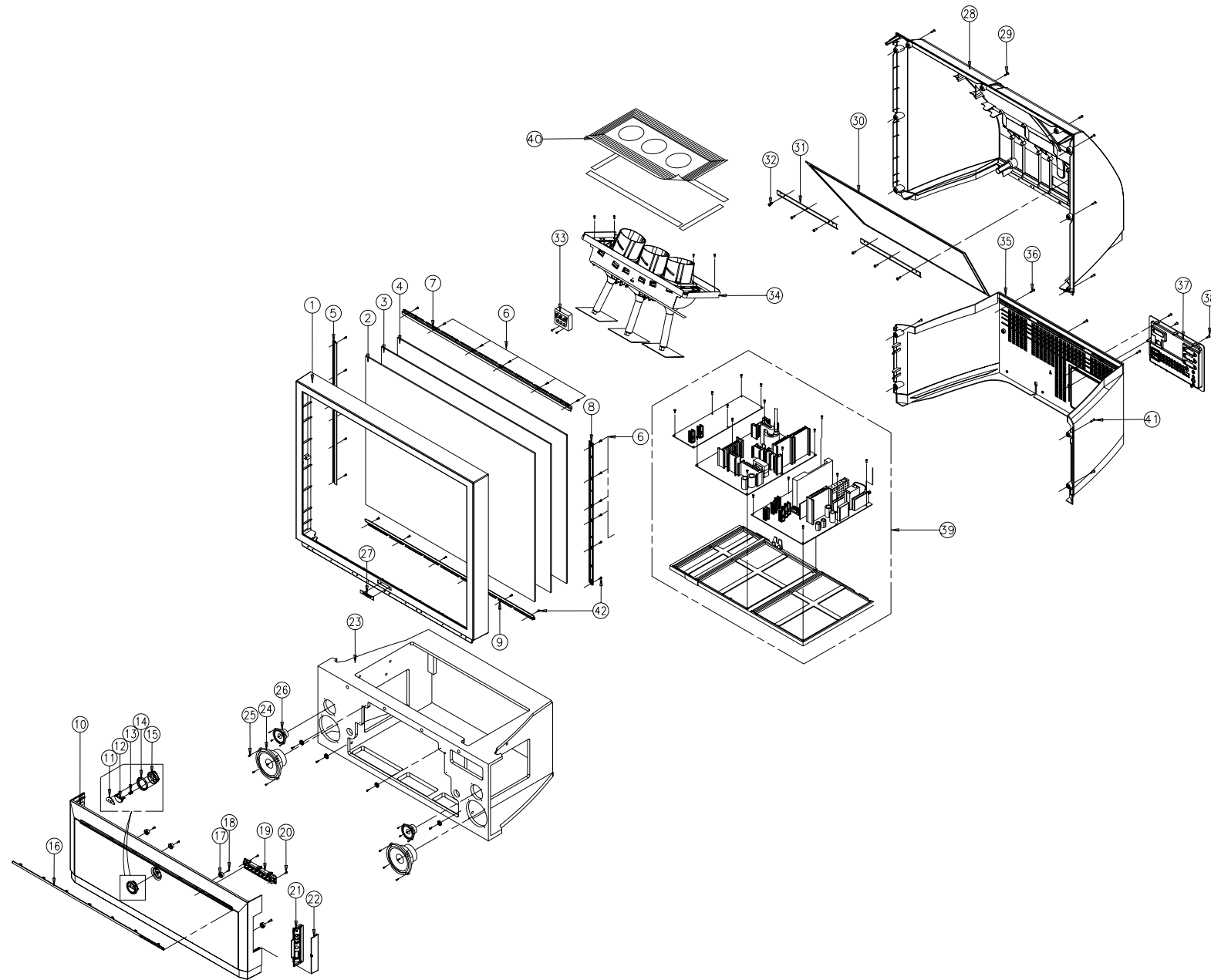
5-3 No Raster



6. Exploded View & Parts List

6-1 SP43T7HPS/XSV

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	S.N.A
1	BP96-00016L	ASSY COVER P-MASK;DP,AA64-02733F,43T7,AS	1	T0004	S.N.A
2	AA67-00115C	SCREEN FRESNEL;43,910*692,T2,KR	1	T0053	
4	AA67-00195C	SCREEN LENTI;43,908*690,P=0.52,KR	1	T0054	
5	BP61-00017C	BRACKET-SCREEN,RL;DP,43T7,BP61-00110A	2	T0056	
6	6009-001296	SCREW-SPECIAL;BH,+,-,M4,L12(11),ZPC(BLK)	20	HC+CW	
7	BP61-00016C	BRACKET-SCREEN,TB;DP,43T7,BP61-00109A	2	T0254	
8	BP61-00110A	BRACKET-SCREEN,RL;43T7,SECC,T1.0,SCREEN	1	T0056	S.N.A
9	BP61-00109A	BRACKET-SCREEN,TB;43T7,SECC,T1.0,SCREEN	1	T0254	S.N.A
10	BP64-00015C	CABINET-FRONT,BOT;DP,AA64-02732E,43T7 AS	1	T0016	
11	AA64-02808A	WINDOW-LED;43T7,PMMA,T3.0	1		S.N.A
12	AA64-02806C	KNOB-POWER;43T7,ABS,HB,G3676,CIS	1	T0023	
13	AA61-60003J	SPRING ETC-CS;-;SUS304,-,-,OD6,N7,OD6,-,-	1	CIS7	S.N.A
14	AA61-01129A	HOLDER-POWER,RMC;43T7,ABS HB,G3676,CR-CO	1		S.N.A
15	AA64-02807A	WINDOW-RMC;43T7,PC,CLR 1			S.N.A
16	AA63-00568A	COVER-DECORATION;43T7,ABS,HB,WHT,SVM6145	1		S.N.A
17	AA61-01132A	VELCRO-A;COMMANDO,BST1 1/4H	4		S.N.A
18	6003-001026	SCREW-TAPTITE;RH,+B,M4,L15,ZPC(BLK),SWR	4	T0081	S.N.A
19	AA64-02741A	KNOB-CONTROL;43T7,ABS,HB,G3676,SILVER	1	T0022	
20	6003-001026	SCREW-TAPTITE;RH,+B,M4,L15,ZPC(BLK),SWR	2	T0081	S.N.A
21	AA61-01128G	HOLDER-SIDE A/V;ABS,HB,43T8,SV012P	1		S.N.A
22	AA64-02780G	DOOR-A/V;43T8,ABS,HB,SV012P	1	T0150	
23	BP98-00244B	ASSY K/D-CABINET,WOOD;43T7, AA64-02731B	1	T0166	S.N.A
24	3001-001353	SPEAKER;25W,80HM,90DB+/-3DB,60HZ+/-12HZ	2	T0082	
25	AA60-10051A	SCREW-WOOD;-;SWRCH18A,M4,L16,PH,+,-,-,ZP	12	HC+CW	S.N.A
26	3001-001107	SPEAKER;20W,80HM,95DB,1300HZ	2	T0082	
27	BP64-00177A	BADGE-BRAND;ALL,AL,T1.5,70,11.3,BLK,SILI	1	T0057	S.N.A
28	AA64-02734A	CABINET-BACK,TOP;43T7,HIPS,HB,GR503	1	T0112	
29	6003-001026	SCREW-TAPTITE;RH,+B,M4,L15,ZPC(BLK),SWR	9	T0081	S.N.A
30	AA67-00205D	MIRROR-BACK;DP,43T7,SSM,795*569*554*(78)	1	T0108	
31	BP61-00012A	BRACKET-MIRROR;DP,42W5,AA61-01123A,11.8K	2		S.N.A
32	6002-000522	SCREW-TAPPING;TH,+2,M4,L15,ZPC(BLK),SWR	4	T0081	
33	BP26-00004A	TRANS FBT-H/V DISTRIBUTOR;FUW50A002B,PJC	1	T0118	
34	AA61-00475B	BRACKET-CRT,MAIN;54,SECC,T1.6,-,-,-,-	1	T0115	
35	AA64-02735B	CABINET-BACK,BOT;43T7,HIPS,HB,GR503	1	T0112	
36	6005-001003	SCREW-WOOD;HH,+M4,L19,ZPC(BLK),SWRCH18A	3	HC+CW	S.N.A
37	BP96-00077J	ASSY COVER P-TERMINAL,ANT;DP,43T6,HIPS,V	1	T0092	
38	6003-001026	SCREW-TAPTITE;RH,+B,M4,L15,ZPC(BLK),SWR	3	T0081	S.N.A
39	BP91-00933A	ASSY CHASSIS;SP43T7HP,J54A	1	M0017	
40	AA60-00072C	SPACER-COVER,DUST;43T7,SPONGE 94HF-1,T3.	1		S.N.A
41	6003-001026	SCREW-TAPTITE;RH,+B,M4,L15,ZPC(BLK),SWR	4	T0081	S.N.A
42	AA60-10011A	SCREW-TAPTITE;-;SWRCH18A,M4,L12,HH,+PC,	4	T0081	S.N.A

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

7. Electrical Parts List

7-1 SP43T7HPS/XSV

Loc. No.	Code No.	Description ; Specification	Remark	Loc. No.	Code No.	Description ; Specification	Remark
ASSY SKD PART							
1	AA92-07185A	ASSY SKD PART;SP43T7HPS/XSE,J54A		..2	T0081	6003-001023 SCREW-TAPTITE:RWH,+B,M3,L10,ZPC(YEL),SW	S.N.A
..2	WIRE	AA63-10002A BAND-TIE:NYLON66 V2,L100,NTR	S.N.A	..2	T0081	6003-001023 SCREW-TAPTITE:RWH,+B,M3,L10,ZPC(YEL),SW	S.N.A
..2		AA65-30018A CLAMPER CORE-WIRE:DONG-A,NYLON-66,-,-,-, S.N.A		..2	T0081	6003-001023 SCREW-TAPTITE:RWH,+B,M3,L10,ZPC(YEL),SW	S.N.A
..2		AA65-30104B CLAMPER CORE-WIRE:ALL MODEL,NYLON 66,V2, S.N.A		..2	T0081	6003-001026 SCREW-TAPTITE:RH,+B,M4,L15,ZPC(BLK),SWR	S.N.A
..2		AA65-30104C CLAMPER CORE-WIRE:ALL MODEL,NYLON 66,V2, S.N.A		..2	T0081	6003-001026 SCREW-TAPTITE:RH,+B,M4,L15,ZPC(BLK),SWR	S.N.A
..2		AA65-30105B CLAMPER CORE-WIRE:ALL MODEL,NYLON 66,V2, S.N.A		..2	T0081	6003-001026 SCREW-TAPTITE:RH,+B,M4,L15,ZPC(BLK),SWR	S.N.A
△	T0066	AA96-20109F ASSY POWER CORD:-,CP2/NO(4.0),H/C 150mm, S.N.A		..2	HC+CW	6005-001003 SCREW-WOOD:HH,+M4,L19,ZPC(BLK),SWRCH18AS.N.A	
..3		3811-000401 WIRE-PVC CU:BCWA,300V,ROLL,17/0.16mm,#22 S.N.A		..2	HC+CW	6005-001003 SCREW-WOOD:HH,+M4,L19,ZPC(BLK),SWRCH18AS.N.A	
..3	T0077	AA39-10006X CBF POWER CORD:-,KKP419C,KLCE-2F,2.286MT S.N.A		..2	HC+CW	6005-001003 SCREW-WOOD:HH,+M4,L19,ZPC(BLK),SWRCH18AS.N.A	
..3		AA61-20284A HOLDER-P-CORD,PP,-,-,-,BLK,VO,KE-002 S.N.A		..2	HC+CW	6005-001003 SCREW-WOOD:HH,+M4,L19,ZPC(BLK),SWRCH18AS.N.A	
..2	T0118	BP26-00004A TRANS FBT-H/V DISTRIBUTOR:FUW50A002B,PJC S.N.A		..2	HC+CW	6006-001094 SCREW-ASSY WOOD:WW,HH,+M7,L32,ZPC(YEL) S.N.A	
..2	M2893	BP39-00047A LEAD CONNECTOR:P55A/HCM4215W,UL2547#26,U S.N.A		..2		AA60-00072C SPACER-COVER,DUST:43T7,SPONGE 94HF-1,T3. S.N.A	
..2		BP96-00070D ASSY MISC P-RACK:TR-43T7S,DIY,EXPORT,SVO S.N.A		..2	T0081	AA60-10011A SCREW-TAPTITE:-,SWRCH18A,M4,L12,HH,+PC, S.N.A	
..2	M2893	BP39-00048A LEAD CONNECTOR:P55A/SVP-47W3HRT,UL1617#2 S.N.A		..2	T0081	AA60-10011A SCREW-TAPTITE:-,SWRCH18A,M4,L12,HH,+PC, S.N.A	
ASSY SKD PART							
1	AA98-01629A	ASSY SKD PART;CTV,SKD FORMAT-3	S.N.A	..2	T0115	AA61-00617B BRACKET-CRT,MAIN:DP54J7,AA61-00475B S.N.A	
..2		6902-000061 BAG AIR:LDPE,TO.2,L1000,W500,TRP,... S.N.A		..3	T0115	AA61-00475B BRACKET-CRT,MAIN:54,SECC,T1.6,-,-,- S.N.A	
..2		6902-000001 BAG AIR:LDPE,TO.2,L1800,W1000,TRP,... S.N.A		..3		AA63-10007C BAND-PP:W18,CLEA,1G S.N.A	
..2		AA69-90001A CHEMICALS-SILICAGEL:-,-,-,-,M2,5GR,- S.N.A		..2		AA61-00618C GUIDE-FLOW:54J8,J7,ABS,IVORY,VO S.N.A	
..2		AA60-40006A PIN-STAPLE:AUTO,33X17.8X2.4,H18,33X17.8X S.N.A		..2		AA63-10002A BAND-TIE:NYLON66 V2,L100,NTR S.N.A	
..2	WOODEN	AA63-10007C BAND-PP:W18,CLEA,1G S.N.A		..2		AA65-00020A CLAMPER CORE-WIRE:55W9,NYLON 66 S.N.A	
ASSY COVER REAR							
1	M0002	BP90-00010X ASSY COVER REAR;SP43T7HPS/XSV,J54A		..2	T0082	3001-001107 SPEAKER:20W,8OHM,95DB,1300HZ S.N.A	
..2	T0081	6002-000522 SCREW-TAPPING:TH,+2,M4,L15,ZPC(BLK),SWR		..3	T0245	AA39-00086A LEAD CONNECTOR-ASSY:,2.2UF,200MM,REC,REC S.N.A	
..2	T0069	AA63-60122J SPACER-FELT:SPD-50P3H,FELT,L530,D20,TO.3 S.N.A		..3		AA98-00049A ASSY-LEAD,CON:-,LEAD-CON,CORE,AA39-20505 S.N.A	
..2		AA64-60449B INLAY-COVER:SP-434JMF,PS,TO.5,149.3X69.5 S.N.A		..4	T0121	3301-001201 CORE-FERRITE:AE,21x11x32mm,1500,280G S.N.A	
..2		AA65-30008A CLAMPER CORE-CORD:-,PE,HB,-,BLK,- S.N.A		..3	T0245	BP39-00009A LEAD CONNECTOR-ASSY:P54A/SVP-42W5,UL2547 S.N.A	
..2	T0108	AA67-00205D MIRROR-BACK:DP,43T7,SSM,795*569*554*(78) S.N.A		..3	T0082	3001-001353 SPEAKER:25W,8OHM,90DB+/-3DB,60HZ+/-12HZ S.N.A	
..2		BP61-00012A BRACKET-MIRROR:DP,42W5,AA61-01123A,11.8K S.N.A		..2	T0254	BP61-00016C BRACKET-SCREEN,TB:DP,43T7,BP61-00109A S.N.A	
..3		AA61-01123A BRACKET-MIRROR:42W5,SECC,T1.0 S.N.A		..2	T0254	BP61-00109A BRACKET-SCREEN,TB:43T7,SECC,T1.0,SCREEN S.N.A	
..3		BP60-00005A SPACER-SPONGE:42W5,RUBBER-SPONGE,T3 S.N.A		..2	T0056	BP61-00017C BRACKET-SCREEN,RL:DP,43T7,BP61-00110A S.N.A	
..2	T0112	BP64-00016A CABINET-BACK,TOP:DP,43T7,AA64-02734A S.N.A		..3	T0056	BP61-00110A BRACKET-SCREEN,RL:43T7,SECC,T1.0,SCREEN S.N.A	
..3		AA63-10007C BAND-PP:W18,CLEA,1G S.N.A		..2		BP61-00043B HOLDER-SENSOR:W9,PC,HB,VIOLET S.N.A	
..3	T0112	AA64-02734A CABINET-BACK,TOP:43T7,HIPS,HB,GR503 S.N.A		..2		BP61-00052A HOLDER-WIRE:PJT,V,NYLON,66,NATURAL S.N.A	
..3		AA69-01897A BAG-VINYL:,HDPE TO.02,1800,1300 S.N.A		..2	T0016	BP64-00015C CABINET-FRONT,BOT:DP,AA64-02732E,43T7 AS S.N.A	
..2	T0112	BP64-00017B CABINET-BACK,BOT:DP,43T7,AA64-02735B S.N.A		..3	T0081	6003-001026 SCREW-TAPTITE:RH,+B,M4,L15,ZPC(BLK),SWR S.N.A	
..3	T0112	AA64-02735B CABINET-BACK,BOT:43T7,HIPS,HB,GR503 S.N.A		..3	T0081	6003-001026 SCREW-TAPTITE:RH,+B,M4,L15,ZPC(BLK),SWR S.N.A	
..2		BP64-00044A INLAY-VENT:43T7,PS SHEET,TO.5 S.N.A		..3		AA61-01132A VELCRO-A-COMMANDO,BST1 1/4H S.N.A	
..2	T0092	BP96-00077J ASSY COVER P-TERMINAL,ANT:DP,43T6,HIPS,V S.N.A		..3		AA63-00568A COVER-DECORATION:43T7,ABS,HB,WHT,SVM6145S.N.A	
..3	T0130	BP96-00128A ASSY COVER P-TERMINAL ANT:SP43T6HPX/SAP, S.N.A		..3	T0016	AA64-02732E CABINET-FRONT,BOT:43T7,HIPS,HB,G7666,SVO S.N.A	
..4	T0071	AA64-02840A INLAY-TERMINAL:COMMANDO,PS SHEET,TO.5,BL S.N.A		..3	T0022	AA64-02741A KNOB-CONTROL:43T7,ABS,HB,G3676,SILVER S.N.A	
..4		AA65-00023A TERMINAL-BOARD,ANT:,HIPS VO,BLK S.N.A		..3	T0157	AA96-00948C ASSY COVER P-POWER,RMC:43T7,SP43T7HPX,AB S.N.A	
ASSY COVER FRONT							
1	M0001	BP90-00145Q ASSY COVER FRONT;SP43T7HPS/XSV,J54A	S.N.A	..4		AA61-01129A HOLDER-POWER,RMC:43T7,ABS,HB,G3676,CR-CO S.N.A	
..2	T0081	6002-000522 SCREW-TAPPING:TH,+2,M4,L15,ZPC(BLK),SWR		..4	CIS7	AA61-60003J SPRING ETC-CS:-,SUS304,-,-,OD6,N7,OD6,-, S.N.A	
..3				..4	T0023	AA64-02806C KNOB-POWER:43T7,ABS,HB,G3676,CIS S.N.A	
..3				..4		AA64-02807A WINDOW-RMC:43T7,PC,CLR S.N.A	
..3				..4		AA64-02808A WINDOW-LED:43T7,PMMA,T3.0 S.N.A	
..3				..4	T0102	BP73-00003A RUBBER-CAP:43T7,CR,BLK,ID3 OD6 L7 S.N.A	
..3				..2	T0004	BP96-00016L ASSY COVER P-MASK:DP,AA64-02733F,43T7,AS S.N.A	
..3				..3	T0017	AA64-02733F CABINET-FRONT,MASK:43T7,HIPS,HB,G4309,SV S.N.A	
..3				..3	T0057	BP64-00177A BADGE-BRAND:ALL,AL,T1.5,70,11.3,BLK,SILI S.N.A	
..3				..3	T0102	BP73-00004A RUBBER-CAP:42W5,SILICONE,WHT,RUBBER S.N.A	
..3				..2	T0166	BP98-00244B ASSY K/D-CABINET,WOOD:,43T7, AA64-02731B S.N.A	
..3				..3	HC+CW	AA60-10051A SCREW-WOOD:-,SWRCH18A,M4,L16,PH,+,-,-,ZP S.N.A	
..3				..3	HC+CW	AA60-10051B SCREW-WOOD:-,SWRCH18A,M3.5,L11,RH,+,-,-, S.N.A	
..3				..3		AA61-00094C HOLDER-RAIL:PCJ533R,ABS,-,-,-,BLK,HB,480 S.N.A	
..3				..3		AA61-00097A HOLDER-WIRE:-,NYLON 6/6,-,-,-,NTR,- S.N.A	
..3				..3		AA61-00508B HOLDER-JERSEY:43,54,62J8,ABS,-,-,-,BLK,H S.N.A	

Loc. No.	Code No.	Description ; Specification	Remark
...3	AA61-00508D	HOLDER-JERSEY;W3,ABS V0,GRAY,G4309	S.N.A
...3	AA61-00616B	HOLDER-CRT,MAIN;DP 54J7,AA61-00506B(25KG	S.N.A
...4	AA61-00506B	HOLDER-CRT,MAIN;43,54,62J8,HIPS,-,-,-,BL	S.N.A
...3	AA61-01133A	VELCRO-B;COMMANDO,BST1 1/4H	S.N.A
...3	AA64-02731B	CABINET-WOOD;43T7-COMM,WOOD,SDEB336R	S.N.A
...3	BP61-00019A	HOLDER-PALLET;42W5,HIPS HB,BLK	S.N.A
...3	T0245	AA61-00864A HOLDER-PCB;W3,HIPS,V0,BLK	S.N.A
...3	AA61-01213A	BRACKET-GRILLE;43T7,SECC,TO.5	S.N.A
...3	AA65-00014C	CLAMPER CORE-WIRE;54J9,SINGLE NYLON,-,-,-	S.N.A
..2	T0054	AA67-00195C SCREEN LENTI;43,908*690,P=0.52,KR	
..2	T0053	AA67-00115C SCREEN FRESNEL;43,910*692,T2,KR	

ASSY CPT

1	BP91-00490A	ASSY CPT;SP43T6HPS/SMA,J54A	S.N.A
..2	BP91-00482A	ASSY PRT-PACK;SP43T6HPS/SMA,J54A	S.N.A
...3	AA92-03970M	ASSY P/MATERIAL-CRT;SP438JMF3C/XSHSPT52A	S.N.A
...4	ASSYCR	AA63-10007C BAND-PP;W18,CLEA,1G	S.N.A
...4	ASSYCR	AA63-10007C BAND-PP;W18,CLEA,1G	S.N.A
...4	ASSYCR	AA63-10007C BAND-PP;W18,CLEA,1G	S.N.A
...4	ASSYCR	6902-000011 BAG PE;HDPE,TO.015,L600,W450,TRP8,2,PE	S.N.A
...4	ASSYCR	6902-000011 BAG PE;HDPE,TO.015,L600,W450,TRP8,2,PE	S.N.A
...4	ASSYCR	6902-000011 BAG PE;HDPE,TO.015,L600,W450,TRP8,2,PE	S.N.A
...4	ASSYCR	6902-000011 BAG PE;HDPE,TO.015,L600,W450,TRP8,2,PE	S.N.A
...4	ASSYCR	AA69-01403A WRAP VINYL-PACKING;SKD CHASSIS,LDPE,TO.0	S.N.A
...4	ASSYCR	AA69-01403A WRAP VINYL-PACKING;SKD CHASSIS,LDPE,TO.0	S.N.A
...4	ASSYCR	AA69-01403A WRAP VINYL-PACKING;SKD CHASSIS,LDPE,TO.0	S.N.A
...3	T0026	BP91-00456A ASSY CPT-R;SP43T6HPX/SAP,J54A	
...4	AA03-00308A	CRT MONO;P16ODU11RJA(S),FREE,0.78MH,7.0M	S.N.A
...4	T0117	AA26-30006F TRANS FBT-ANODE CAP ASS'Y;-FWZ-50A001C,	
...4	T0078	AA27-00278A DEFLECTION YOKE;-PT-S0712AC,S/S,PJTCRT(
...4	T0079	AA33-00018A MAGNET CONVERGENCE;JH 92LT - 29F,-,29.1M	
...4	T0334	AA60-00125B SPACER-CRT;PROJ,SILICONE,D/GRAY	S.N.A
...4	T0333	AA60-00126B SPACER-CAP;PROJ,EPDM,BLK	S.N.A
...4	AA60-00127B	SPACER-LENS;PROJ,SILICONE,D/GRAY	S.N.A
...4	T0081	AA60-10011A SCREW-TAPTITE;-SWRCH18A,M4,L12,HH,+,PC,	S.N.A
...4	AA61-00056B	BRACKET-LENS;PROJECTION,SECC,T1.6,-,-,-,	S.N.A
...4	AA61-00806B	CASE-COUPLER,B;PROJ,ALDC,T8,BLK	S.N.A
...4	AA61-00809B	HOLDER-CRT;PROJ,PC/ABS GF 20%,BLK	S.N.A
...4	T0114	AA61-00810B HOLDER-CAP;PROJ,PC,CLR	
...4	T0109	AA67-00142A LENS-ASSY;SSM-200-40,CLEAR	
...4	T0051	AA67-00149A LENS-PALTE;-SSM-200,SHADING PLATE	
...4	T0051	AA67-00154A LENS;-SSM-200,RED,C-ELEMENT	
...4	T0107	AA91-00722A ASSY-BRKT,CRT;SECC T1.6,PROJ	
...5	T0072	AA61-00473B BRACKET-CRT;53,SECC,T1.6,-,-,-,	S.N.A
...5	AA61-00615B	BRACKET-EARTH;54J8,PBS,TO.5,-,-,-,-,	S.N.A
...5	AA61-00812A	SPRING ETC-WIRE;PROJ,STS,3.6	S.N.A
...4	BP61-00079A	HOLDER-DY;-PJTV,TO.5,NYLON66 V2	S.N.A
...4	T0245	AA39-00018A LEAD CONNECTOR-ASSY;UL1015#22,UL/CSA,1P	S.N.A
...4	AA63-00076B	SPACER-LENS;FELT,W7,BLK,TO.8	S.N.A
...3	T0027	BP91-00457A ASSY CPT-G;SP43T6HPX/SAP,J54A	
...4	AA03-00308A	CRT MONO;P16ODU11GHA(S),FREE,0.78MH,7.0M	S.N.A
...4	T0117	AA26-30006F TRANS FBT-ANODE CAP ASS'Y;-FWZ-50A001C,	
...4	T0078	AA27-00278A DEFLECTION YOKE;-PT-S0712AC,S/S,PJTCRT(
...4	T0245	AA39-00018A LEAD CONNECTOR-ASSY;UL1015#22,UL/CSA,1P	
...4	T0334	AA60-00125B SPACER-CRT;PROJ,SILICONE,D/GRAY	S.N.A
...4	T0333	AA60-00126B SPACER-CAP;PROJ,EPDM,BLK	S.N.A
...4	AA60-00127B	SPACER-LENS;PROJ,SILICONE,D/GRAY	S.N.A
...4	T0081	AA60-10011A SCREW-TAPTITE;-SWRCH18A,M4,L12,HH,+,PC,	S.N.A
...4	AA61-00056B	BRACKET-LENS;PROJECTION,SECC,T1.6,-,-,-,	S.N.A
...4	AA61-00807B	CASE-COUPLER,G;PROJ,ALDC,T8,BLK	S.N.A
...4	AA61-00809B	HOLDER-CRT;PROJ,PC/ABS GF 20%,BLK	S.N.A
...4	T0114	AA61-00810B HOLDER-CAP;PROJ,PC,CLR	
...4	T0109	AA67-00142A LENS-ASSY;SSM-200-40,CLEAR	
...4	T0051	AA67-00149A LENS-PALTE;-SSM-200,SHADING PLATE	
...4	T0051	AA67-00155A LENS;-SSM-200,GREEN,C-ELEMENT	
...4	T0107	AA91-00722A ASSY-BRKT,CRT;SECC T1.6,PROJ	
...5	T0072	AA61-00473B BRACKET-CRT;53,SECC,T1.6,-,-,-,	S.N.A
...5	AA61-00615B	BRACKET-EARTH;54J8,PBS,TO.5,-,-,-,-,	S.N.A
...5	AA61-00812A	SPRING ETC-WIRE;PROJ,STS,3.6	S.N.A
...4	BP61-00079A	HOLDER-DY;-PJTV,TO.5,NYLON66 V2	S.N.A
...4	AA63-00076B	SPACER-LENS;FELT,W7,BLK,TO.8	S.N.A
...3	T0028	BP91-00458A ASSY CPT-B;SP43T6HPX/SAP,J54A	
...4	AA03-00309A	CRT MONO;P16ODU11BEA(S),FREE,0.78MH,7.0M	S.N.A
...4	T0117	AA26-30006F TRANS FBT-ANODE CAP ASS'Y;-FWZ-50A001C,	

Loc. No.	Code No.	Description ; Specification	Remark
...4	T0078	AA27-00278A DEFLECTION YOKE;-PT-S0712AC,S/S,PJTCRT(
...4	T0079	AA33-00018A MAGNET CONVERGENCE;JH 92LT - 36F,-,29.1M	
...4	T0245	AA39-00018A LEAD CONNECTOR-ASSY;UL1015#22,UL/CSA,1P	
...4	T0334	AA60-00125B SPACER-CRT;PROJ,SILICONE,D/GRAY	S.N.A
...4	T0333	AA60-00126B SPACER-CAP;PROJ,EPDM,BLK	S.N.A
...4	AA60-00127B	SPACER-LENS;PROJ,SILICONE,D/GRAY	S.N.A
...4	T0081	AA60-10011A SCREW-TAPTITE;-SWRCH18A,M4,L12,HH,+,PC,	S.N.A
...4	AA61-00056B	BRACKET-LENS;PROJECTION,SECC,T1.6,-,-,-,	S.N.A
...4	AA61-00808B	CASE-COUPLER,B;PROJ,ALDC,T8,BLK	S.N.A
...4	AA61-00809B	HOLDER-CRT;PROJ,PC/ABS GF 20%,BLK	S.N.A
...4	T0114	AA61-00810B HOLDER-CAP;PROJ,PC,CLR	
...4	T0109	AA67-00142A LENS-ASSY;SSM-200-40,CLEAR	
...4	T0051	AA67-00149A LENS-PALTE;-SSM-200,SHADING PLATE	
...4	T0051	AA67-00153A LENS;-SSM-200,CLEAR,C-ELEMENT	
...4	T0107	AA91-00722A ASSY-BRKT,CRT;SECC T1.6,PROJ	
...5	T0072	AA61-00473B BRACKET-CRT;53,SECC,T1.6,-,-,-,	S.N.A
...5	AA61-00615B	BRACKET-EARTH;54J8,PBS,TO.5,-,-,-,-,	S.N.A
...5	AA61-00812A	SPRING ETC-WIRE;PROJ,STS,3.6	S.N.A
...4	BP61-00079A	HOLDER-DY;-PJTV,TO.5,NYLON66 V2	S.N.A
...4	AA63-00076B	SPACER-LENS;FELT,W7,BLK,TO.8	S.N.A

ASSY CHASSIS

1	M0017	BP91-00933A ASSY CHASSIS;SP43T7HP,J54A	
..2	BP91-00801W	ASSY MISC-CHASSIS PACK;SP43T7HPS,J54A	
...3	T0081	6003-001023 SCREW-TAPTITE;RW,H,+,B,M3,L10,ZPC(YEL),SW	S.N.A
...3	T0081	6003-001023 SCREW-TAPTITE;RW,H,+,B,M3,L10,ZPC(YEL),SW	S.N.A
...3	T0070	AA61-01127A HOLDER-CHASSIS;COMMANDO,HIPS V0,G4309	S.N.A
...3	AA98-01177B	ASSY K/D-P/MATERIAL;PJTV(COMANDO),P55A	S.N.A
...4	AA63-10007C	BAND-PP;W18,CLEA,1G	S.N.A
...4	6902-000015	BAG ANTISTATIC;LDPE,TO.05,L950,W900,TRP,	S.N.A
...4	AA69-01403A	WRAP VINYL-PACKING;SKD CHASSIS,LDPE,TO.0	S.N.A
...4	BP94-00145A	ASSY PCB MISC-PWR-DEF;SP43T6HPX/SMA,J54A	
...4	0202-000187	SOLDER-WIRE FLUX;-RS60S,D1.2,63Sn/37Pb	S.N.A
...4	0402-000250	DIODE-RECTIFIER;RG4C,1000V,1A,-	
...4	T0083	0402-000542 DIODE-RECTIFIER;RU4AM,600V,2A,-	
...4	T0083	0402-000542 DIODE-RECTIFIER;RU4AM,600V,2A,-	
...4	D2307	0406-001007 DIODE-TVS;P6KE180A,171/180/189V,600W,CAS	
...4	Q409	0505-001116 FET-SILICON;BUZ73A,N,200V,22A,0.6ohm,40W	
...4	PC801S	0604-001032 PHOTO-COUPLER;TR,170-260%,300mW,DIP-4,ST	
...4	PC811S	0604-001032 PHOTO-COUPLER;TR,170-260%,300mW,DIP-4,ST	
...4	DU410	1201-000191 IC-OP AMP;4558,DIP,8P,300MIL,DUAL,20V/mV	
...4	DU410	1201-000191 IC-OP AMP;4558,DIP,8P,300MIL,DUAL,20V/mV	
...4	T0123	1203-001006 IC-VOLTAGE REGULATOR;78R05,TO-220F,4P,-	
...4	IC851	1203-001400 IC-POWER PRESCALER;SE110N,TO-220(SIP),3P	
...4	T0086	1203-002177 IC-PWM CONTROLLER;VIPER12ADIP,DIP,8P,300	
...4	NT801S	1404-001195 THERMISTOR-NTC;5.1ohm,15%,2900,27mW/C,BK	
...4	VP801S	1405-000152 VARISTOR;560V,2500A,14x8.5mm,TP	
...4	R833	2009-001096 R-METAL PLATE;0.07ohm,5%,5W,CL,BK,5x14x1	
...4	C598	2201-000446 C-CERAMIC,DISC;3.3NF,20%,400V,Y5U,BK,15X	
...4	C598	2201-000446 C-CERAMIC,DISC;3.3NF,20%,400V,Y5U,BK,15X	
...4	C598	2201-000987 C-CERAMIC,DISC;2.2NF,20%,400V,Y5U,BK,12.	
...4	C598	2201-000987 C-CERAMIC,DISC;2.2NF,20%,400V,Y5U,BK,12.	
...4	C414	2301-001338 C-FILM,LEAD-OTHER;0.68NF,5%,1.6KV,BK,28X	
...4	C421	2301-001520 C-FILM,LEAD-PFF;3.9NF,+,5%,1.6KV,BK,27X1	
...4	C422	2303-000128 C-FILM,LEAD-PFF;12nf,5%,1.6KV,BK,31x21x1	
...4	CX801S	2306-000318 C-FILM,LEAD-PFF;220NF,20%,250V,BK,-,22.5	
...4	CX802S	2306-000318 C-FILM,LEAD-PFF;220NF,20%,250V,BK,-,22.5	
...4	C435	2306-000322 C-FILM,LEAD-PFF;12NF,5%,1.6KV,BK,29X20.5	
...4	C832	2306-000323 C-FILM,LEAD-PFF;2.2NF,5%,1.6KV,BK,23X9X1	
...4	C701	2401-000787 C-AL;220uF,20%,160V,GP,TP,16x31.5mm	
...4	C701	2401-001675 C-AL;820uF,20%,200V,GP,BK,25x50mm,1	
...4	C701	2401-003076 C-AL;3300uF,20%,50V,WT,BK,18X35.5MM,7.5	
...4	C701	2401-003465 C-AL;680uF,20%,450V,GP,BK,35X60MM,22.5	
...4	C701	2401-003555 C-AL;330uF,20%,25V,WT,TP,16x25.7.5	
...4	C701	2401-003555 C-AL;330uF,20%,25V,WT,TP,16x25.7.5	
...4	RS801	3601-000102 FUSE-AXIAL LEAD;125V,1A,FAST-ACTING,GLAS	
...4	FP801S	3601-001007 FUSE-CARTRIDGE;250V,6.3A,TIME-LAG,GLASS,	
...4	CN906	3711-002645 CONNECTOR-HEADER;BOX,6P1R,2.5mm,STRAIGH	
...4	CN906	3711-003043 CONNECTOR-HEADER;BOX,4P1R,2.5MM,STRAIGH	
...4	CN906	3711-003043 CONNECTOR-HEADER;BOX,4P1R,2.5MM,STRAIGH	
...4	CN906	3711-003043 CONNECTOR-HEADER;BOX,4P1R,2.5MM,STRAIGH	
...4	CN906	3711-003046 CONNECTOR-HEADER;BOX,9P1R,2.5MM,STRAIGH	
...4	IC063	AA13-00094A IC HYBRID;-DDRIO01A,SIP,5P,-,TP	

Loc. No.	Code No.	Description ; Specification	Remark	Loc. No.	Code No.	Description ; Specification	Remark
△	4	T401	AA26-50001S TRANS-HORIZ.DRIVE;-,-,6.0mH,-,-,44uH,-		5	T0083	0402-000132 DIODE-RECTIFIER:1N4004,400V,1A,DO-41,TP
4	L862	AA27-10001C COIL CHOKE;-,-,100uH,K,-,-,5.0A,ST,700UH-K(R		5	T0083	0402-000132 DIODE-RECTIFIER:1N4004,400V,1A,DO-41,TP	
4	L863	AA27-10001C COIL CHOKE;-,-,100uH,K,-,-,5.0A,ST,700UH-K(R		5	T0083	0402-000254 DIODE-RECTIFIER:RGP10J,600V,1A,DO-41,TP	
4	L864	AA27-10002L COIL CHOKE;-,-,24uH,K,-,-,2A,-,-,24UH-K,10x10m		5	T0083	0402-000493 DIODE-RECTIFIER:1R5GU41,400V,1.5A,DO-15L	
4	LB02	AA27-40001S COIL HORIZ. WIDTH;-,-,110uH,SB-5S8202.6,PI		5	T0083	0402-000537 DIODE-RECTIFIER:RH1A,600V,0.6A,DO-204AC	
△	4	LX801S	AA29-30002L FILTER LINE NOISE;-,-,10mHMIN,5A,AC90-260V		5	T0083	0402-000540 DIODE-RECTIFIER:RU20A,600V,1.5A,-,TP
△	4	LX803S	AA29-30002M FILTER LINE NOISE;-,-,1mHMIN,5A,AC90-260V,		5	T0083	0402-000546 DIODE-RECTIFIER:TVR10G,400V,1.0A,DO-41,T
△	4	LX802S	AA29-30002M FILTER LINE NOISE;-,-,1mHMIN,5A,AC90-260V,		5	T0083	0402-000546 DIODE-RECTIFIER:TVR10G,400V,1.0A,DO-41,T
4	T0245	AA39-00180A LEAD CONNECTOR-ASSY;14P,100MM,YBNH250-1		5	T0083	0402-001286 DIODE-RECTIFIER:RP1H,2000V,1A,-,TP	
4	GT301	AA60-40012D PIN-GT,ASSY:T1,6,6-12.5,-,NYLON66	S.N.A	5	DZ016	0403-000699 DIODE-ZENER:TZP27B,27V,27-30.8V,1W,DO-41	
4	ICZ04	AA96-00038B ASSY H/S;-,-,CONVERGENCE,AA62-30173E,STK39	S.N.A	5	DZ016	0403-000699 DIODE-ZENER:TZP27B,27V,27-30.8V,1W,DO-41	
4	ICZ03	AA96-00038B ASSY H/S;-,-,CONVERGENCE,AA62-30173E,STK39	S.N.A	5	DZ016	0403-000704 DIODE-ZENER:TZP7.5B,7.5V,7.5-8.4V,1W,DO-	
5		0205-000129 GREASE-SILICON:SC102,JAPAN	S.N.A	5	DZ016	0403-000716 DIODE-ZENER:MTZJ4.7B,4.7V,4.55-4.8V,500m	
5	T0074	1201-001512 IC-VIDEO AMP:392,SIP,22P,-,TRIPLE,-,PLAS		5	DZ016	0403-000720 DIODE-ZENER:MTZJ9.1B,9.1V,8.57-9.01V,500	
5	T0081	6003-001021 SCREW-TAPTITE:RH,+2S,M3,L15,ZPC(YEL),SWR	S.N.A	5	DZ016	0403-000734 DIODE-ZENER:TZP15B,15V,14.7-16.5V,1W,DO-	
5		AA62-30173E HEAT SINK-ES;-,-,T1.0,WHITE,SCREW-HOLE(1	S.N.A	5	DZ016	0403-000734 DIODE-ZENER:TZP15B,15V,14.7-16.5V,1W,DO-	
△	4	D856	AA96-00243E ASSY H/S;-,-,SOUND,AA62-00045A,FMG-G26S	S.N.A	5	DZ016	0403-001167 DIODE-ZENER:MTZJ30D,30V,29.02-30.51V,500W
△	4	D855	AA96-00243E ASSY H/S;-,-,SOUND,AA62-00045A,FMG-G26S	S.N.A	5	DZ016	0403-001319 DIODE-ZENER:MTZJ4.7C,4.7V,4.68-4.93V,500mW,DO
5		0205-000129 GREASE-SILICON:SC102,JAPAN	S.N.A	5	DZ016	0403-001321 DIODE-ZENER:MTZJ6.8C,6.66-7.01V,500mW,DO	
5	T0083	0402-000231 DIODE-RECTIFIER:FMG-G26S,600V,4A,TO-220F		5	DZ016	0403-001325 DIODE-ZENER:MTZJ15C,14.35-15.09V,500mW,D	
5	T0081	6003-000333 SCREW-TAPTITE:RH,+2S,M3,L8,ZPC(YEL),SWR	S.N.A	5	DZ016	0403-001328 DIODE-ZENER:MTZJ22A,20.15-21.20V,500mW,D	
5		AA62-00045A HEAT SINK-PS;-,-,T1.0,-,-,DREAM,-,-,-,-,	S.N.A	5	DZ016	0403-001328 DIODE-ZENER:MTZJ22A,20.15-21.20V,500mW,D	
4	Q401	AA96-00275G ASSY H/S:SCREW,OIL,AA62-00051B,FJL6920YD	S.N.A	5	DZ016	0403-001328 DIODE-ZENER:MTZJ22A,20.15-21.20V,500mW,D	
5	T0083	0402-0001296 DIODE-RECTIFIER:FMP-3FU,1.5KV,5A,TO-3PF,		5	DZ016	0403-001330 DIODE-ZENER:MTZJ30A,26.99-28.39V,500mW,D	
5	T0081	6003-000333 SCREW-TAPTITE:RH,+2S,M3,L10,ZPC(YEL),SW	S.N.A	5	C1Z	0404-001056 DIODE-SCHOTTKY:RK16,60V,1.5A,DO-204AC,TP	
5		0205-000129 GREASE-SILICON:SC102,JAPAN	S.N.A	5	T0156	0501-000283 TR-SMALL SIGNAL:KSA539,PNP,400mW,TO-92,T	
5		AA60-30001A WASHER-PLATE:M3,ID3.5,15X8.5,T1.0,SBHG	S.N.A	5	T0156	0501-000283 TR-SMALL SIGNAL:KSA539,PNP,400mW,TO-92,T	
5		AA62-00051B HEAT SINK-PS;-,-,SILVER,HOLE 34mm,ALL	S.N.A	5	T0156	0501-000389 TR-SMALL SIGNAL:KSC815,NPN,400mW,TO-92,T	
5	T0090	0502-001230 TR-POWER:FJL6920YDTU,N,200000MW,TO-264 F		5	T0156	0501-000389 TR-SMALL SIGNAL:KSC815,NPN,400mW,TO-92,T	
△	4	IC831S	AA96-00275N ASSY H/S;-,-,AA62-00051A,STR-X6459,SP42WHP	S.N.A	5	T0156	0501-000389 TR-SMALL SIGNAL:KSC815,NPN,400mW,TO-92,T
5	CIS	0205-001027 OIL-SILICON:G746,-,-	S.N.A	5	T0156	0501-000389 TR-SMALL SIGNAL:KSC815,NPN,400mW,TO-92,T	
5	T0081	6003-000333 SCREW-TAPTITE:RH,+2S,M3,L10,ZPC(YEL),SW	S.N.A	5	T0156	0501-000389 TR-SMALL SIGNAL:KSC815,NPN,400mW,TO-92,T	
5	CIS	AA62-00051A HEAT SINK-PS;-,-,SILVER,HOLE 31mm,ALL	S.N.A	5	T0156	0501-000389 TR-SMALL SIGNAL:KSC815,NPN,400mW,TO-92,T	
5	IC063	BP13-00004A IC HYBRID:STR-X6459A,COMMANDO,7,-,20 TO +		5	T0156	0501-000389 TR-SMALL SIGNAL:KSC815,NPN,400mW,TO-92,T	
△	4	D811S	AA96-00276A ASSY H/S;-,-,BRIDGE,AA62-00052A,RBV606,WAS	S.N.A	5	VX801S	1405-000187 VARISTOR:750V,1250A,12.5x7mm,TP
5		0205-000129 GREASE-SILICON:SC102,JAPAN	S.N.A	5	R812	2001-000002 R-CARBON(S):200KOHM,5%,1/2W,AA,TP,6.4X2.	
5	T0083	0402-000549 DIODE-BRIDGE:RBV606,600V,6A,-,BK		5	R811	2001-000002 R-CARBON(S):200KOHM,5%,1/2W,AA,TP,6.4X2.	
5	T0081	6003-000335 SCREW-TAPTITE:RH,+2S,M3,L8,ZPC(YEL),SWR	S.N.A	5	R125	2001-000005 R-CARBON:390OHM,5%,1/8W,AA,TP,1.8X3.2MM	
5		AA60-30003A WASHER:T1.5,SBHG-1	S.N.A	5	R125	2001-000008 R-CARBON:15KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
5		AA62-00052A HEAT SINK-PS;-,-,SILVER,HOLE 18.5mm,2	S.N.A	5	R125	2001-000009 R-CARBON:20KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
△	4	D851	AA96-00475B ASSY H/S:SILICON-OIL,FMLG-12S(4),AA62-00	S.N.A	5	R303	2001-000016 R-CARBON(S):10HM,5%,1/2W,AA,TP,2.4X6.4MM
5		0205-000129 GREASE-SILICON:SC102,JAPAN	S.N.A	5	R836	2001-000052 R-CARBON(S):3.3KOHM,5%,1/2W,AA,TP,2.4X6.4	
5	T0083	0402-000233 DIODE-RECTIFIER:FML-G12S,200V,5A,-,-		5	RS808	2001-000066 R-CARBON(S):10KOHM,5%,1/2W,AA,TP,2.4X6.4	
5	IC012	1203-000165 IC-POSI.ADJUST REG.:78R12,TO-220,4P,-,PL		5	RS807	2001-000066 R-CARBON(S):10KOHM,5%,1/2W,AA,TP,2.4X6.4	
5	T0081	6003-000334 SCREW-TAPTITE:RH,+2S,M3,L6,ZPC(YEL),SWR	S.N.A	5	R855	2001-000066 R-CARBON(S):10KOHM,5%,1/2W,AA,TP,2.4X6.4	
5		AA62-00066B HEAT SINK:D2,D3,AL,T1.0,89,70,-,AA62-00	S.N.A	5	RS803	2001-000085 R-CARBON(S):100KOHM,5%,1/2W,AA,TP,2.4X6.	
4	IC301	AA96-00623A ASSY H/S;-,-,POWER,AA62-00056A,LA7845	S.N.A	5	R834	2001-000109 R-CARBON(S):4700HM,5%,1/2W,AA,TP,2.4X6.4	
5		0205-000129 GREASE-SILICON:SC102,JAPAN	S.N.A	5	R125	2001-000241 R-CARBON:1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
5	T0088	1204-000517 IC-VERTICAL DEF.:LA7845,SIP,7P,-,PLASTIC		5	R125	2001-000241 R-CARBON:1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
5	T0081	6003-000334 SCREW-TAPTITE:RH,+2S,M3,L6,ZPC(YEL),SWR	S.N.A	5	R125	2001-000241 R-CARBON:1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
5		AA62-00056A HEAT SINK-PS;-,-,T1.0,-,-,41*35*70,D2,-,-,	S.N.A	5	R125	2001-000273 R-CARBON:100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
△	4	TS801S	BP26-00001A TRANS SWITCHING-POWER:19B012,P55A,HCM421		5	R125	2001-000290 R-CARBON:10KOHM,5%,1/8W,AA,TP,1.8X3.2MM
△	4	T444S	BP26-00005A TRANS FBT:FUW50A003,PJCT,2.3MH,FEERITE,		5	R125	2001-000290 R-CARBON:10KOHM,5%,1/8W,AA,TP,1.8X3.2MM
△	4	T801S	BP26-00006A TRANS SWITCHING:EER5345,P55A,HCM4215W,80		5	R125	2001-000429 R-CARBON:1KOHM,5%,1/8W,AA,TP,1.8X3.2MM
4	T0245	BP39-00003A LEAD CONNECTOR-ASSY:P55A/HCM4215W,UL1617		5	R125	2001-000508 R-CARBON:220KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4	T0245	BP39-00005A LEAD CONNECTOR-ASSY:P55A/HCM4215W,UL2547		5	R125	2001-000522 R-CARBON:22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4	T0245	BP39-00014A LEAD CONNECTOR-ASSY:P55A/HCM4215W,UL1007		5	R125	2001-000563 R-CARBON:27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4	Q433	BP96-00083A ASSY HEAT SINK P:H/S,SCREW,KSD73,OIL SIL	S.N.A	5	R125	2001-000563 R-CARBON:27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
5	CIS	0205-001027 OIL-SILICON:G746,-,-	S.N.A	5	R125	2001-000563 R-CARBON:27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
5	T0090	0502-000298 TR-POWER:KSD73,NPN,30000mW,TO-220,TP,120		5	R125	2001-000563 R-CARBON:27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
5	T0081	6003-000335 SCREW-TAPTITE:RH,+2S,M3,L8,ZPC(YEL),SWR	S.N.A	5	R125	2001-000563 R-CARBON:27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
5	CIS	BP62-00009A HEAT SINK-PS:SP-42W5HP,A1050S,T2.0,25,49	S.N.A	5	R125	2001-000577 R-CARBON:2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4	Q471	BP96-00083B ASSY HEAT SINK P:H/S,SCREW,KSC2335,OIL S	S.N.A	5	R125	2001-000577 R-CARBON:2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
5	CIS	0205-001027 OIL-SILICON:G746,-,-	S.N.A	5	R125	2001-000591 R-CARBON:3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
5	T0090	0502-001118 TR-POWER:KSC2335,NPN,40W,TO-220,ST,30-6		5	R125	2001-000591 R-CARBON:3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
5	T0081	6003-000335 SCREW-TAPTITE:RH,+2S,M3,L8,ZPC(YEL),SWR	S.N.A	5	R125	2001-000591 R-CARBON:3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
5	CIS	BP62-00009A HEAT SINK-PS:SP-42W5HP,A1050S,T2.0,25,49	S.N.A	5	R125	2001-000591 R-CARBON:3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4		BP97-00128A ASSY AUTO:SP4376HPX/BWT,J54A	S.N.A	5	R125	2001-000591 R-CARBON:3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
5	D302	0401-000005 DIODE-SWITCHING:1N4148,100V,200mA,DO-35,		5	R125	2001-000591 R-CARBON:3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
5	D403	0401-000005 DIODE-SWITCHING:1N4148,100V,200mA,DO-35,		5	R125	2001-000660 R-CARBON:33KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
5	D407	0401-000005 DIODE-SWITCHING:1N4148,100V,200mA,DO-35,		5	R125	2001-000702 R-CARBON:39KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
5	DS804	0401-000006 DIODE-SWITCHING:BAV21,250V,250mA,DO-35,T		5	R125	2001-000734 R-CARBON:4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
5	DS802	0401-000006 DIODE-SWITCHING:BAV21,250V,250mA,DO-35,T		5	R125	2001-000734 R-CARBON:4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
5	T0083	0402-000132 DIODE-RECTIFIER:1N4004,400V,1A,DO-41,TP		5	R125	2001-000761 R-CARBON:4300HM,5%,1/8W,AA,TP,1.8X3.2MM	
5	T0083	0402-000132 DIODE-RECTIFIER:1N4004,400V,1A,DO-41,TP		5	R125	2001-000761 R-CARBON:4300HM,5%,1/8W,AA,TP,1.8X3.2MM	
5	T0083	0402-000132 DIODE-RECTIFIER:1N4004,400V,1A,DO-41,TP		5	R125	2001-000800 R-CARBON:5.1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
5	T0083	0402-000132 DIODE-RECTIFIER:1N4004,400V,1A,DO-41,TP		5	R125	2001-000800 R-CARBON:5.1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	

Electrical Parts List

Loc. No.	Code No.	Description ; Specification	Remark
.....5	R125	2001-000800 R-CARBON:5.1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R125	2001-000837 R-CARBON:51KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R125	2001-000857 R-CARBON:5600HM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R125	2001-000857 R-CARBON:5600HM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R125	2001-000857 R-CARBON:5600HM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R125	2001-000857 R-CARBON:5600HM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R125	2001-000857 R-CARBON:5600HM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R125	2001-000857 R-CARBON:5600HM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R125	2001-000857 R-CARBON:5600HM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R125	2001-000977 R-CARBON:8.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....5	R401	2001-001037 R-CARBON(S):0.390HM,5%,1/2W,AA,TP,2.4X6.4	
.....5	R856	2001-001043 R-CARBON(S):00HM,5%,1/2W,AA,TP,2.4X6.4MM	
.....5	RS804	2001-001088 R-CARBON(S):1KOHM,5%,1/2W,AA,TP,2.4X6.4M	
.....5	R854	2001-001088 R-CARBON(S):1KOHM,5%,1/2W,AA,TP,2.4X6.4M	
.....5	R839	2001-001088 R-CARBON(S):1KOHM,5%,1/2W,AA,TP,2.4X6.4M	
.....5	R440	2001-001093 R-CARBON(S):2.2KOHM,5%,1/2W,AA,TP,2.4X6.4	
.....5	R837	2001-001108 R-CARBON(S):22KOHM,5%,1/2W,AA,TP,2.4X6.4	
.....5	RZ107	2001-001114 R-CARBON(S):2700HM,5%,1/2W,AA,TP,2.4X6.4	
.....5	RZ108	2001-001114 R-CARBON(S):2700HM,5%,1/2W,AA,TP,2.4X6.4	
.....5	RZ109	2001-001114 R-CARBON(S):2700HM,5%,1/2W,AA,TP,2.4X6.4	
.....5	RZ104	2001-001114 R-CARBON(S):2700HM,5%,1/2W,AA,TP,2.4X6.4	
.....5	RZ105	2001-001114 R-CARBON(S):2700HM,5%,1/2W,AA,TP,2.4X6.4	
.....5	RZ106	2001-001114 R-CARBON(S):2700HM,5%,1/2W,AA,TP,2.4X6.4	
.....5	RS802	2001-001124 R-CARBON(S):3.90HM,5%,1/2W,AA,TP,2.4X6.4	
.....5	R468	2001-001150 R-CARBON(S):470KOHM,5%,1/2W,AA,TP,2.4X6.4	
.....5	R407	2001-001153 R-CARBON(S):470HM,5%,1/2W,AA,TP,2.4X6.4M	
.....5	R406	2001-001153 R-CARBON(S):470HM,5%,1/2W,AA,TP,2.4X6.4M	
.....5	R439	2001-001155 R-CARBON(S):5.6KOHM,5%,1/2W,AA,TP,2.4X6.4	
.....5	R858	2001-001155 R-CARBON(S):5.6KOHM,5%,1/2W,AA,TP,2.4X6.4	
.....5	R859	2001-001155 R-CARBON(S):5.6KOHM,5%,1/2W,AA,TP,2.4X6.4	
.....5	RS806	2001-001168 R-CARBON(S):6.8KOHM,5%,1/2W,AA,TP,2.4X6.4	
.....5	R463	2001-001179 R-CARBON(S):68KOHM,5%,1/2W,AA,TP,2.4X6.4	
.....5	R851	2001-001196 R-CARBON(S):9.1KOHM,5%,1/2W,AA,TP,2.4X6.4	
.....5	R400	2001-003218 R-CARBON(S):0.18ohm,10%,1/2W,AA,TP,2.4x6.4	
.....5	RX801S	2002-001011 R-COMPOSITION:3.3Mohm,5%,1/2W,AA,TP,3.7x	
.....5	RY802S	2002-001013 R-COMPOSITION:4.7Mohm,5%,1/2W,AA,TP,3.7x	
.....5	R831	2003-000512 R-METAL OXIDE(S):15Kohm,5%,3W,AA,TP,6x16	
.....5	R832	2003-000512 R-METAL OXIDE(S):15Kohm,5%,3W,AA,TP,6x16	
.....5	R450	2003-000586 R-METAL OXIDE(S):22Kohm,5%,2W,AF,TP,4x12	
.....5	R449	2003-000586 R-METAL OXIDE(S):22Kohm,5%,2W,AF,TP,4x12	
.....5	R403	2003-001018 R-METAL OXIDE(S):220ohm,5%,2W,AF,TP,3.9x	
.....5	R402	2003-001018 R-METAL OXIDE(S):220ohm,5%,2W,AF,TP,3.9x	
.....5	R315	2003-001018 R-METAL OXIDE(S):220ohm,5%,2W,AF,TP,3.9x	
.....5	R305	2003-001036 R-METAL OXIDE(S):3.3ohm,5%,2W,AF,TP,3.9x	
.....5	R416	2003-002010 R-METAL OXIDE(S):680ohm,5%,1W,AF,TP,3.9x	
.....5	R415	2003-002010 R-METAL OXIDE(S):680ohm,5%,1W,AF,TP,3.9x	
.....5	R420	2003-002156 R-METAL OXIDE(S):5600HM,5%,2W,AG,TP,6x16MM	
.....5	R405	2003-002156 R-METAL OXIDE(S):5600HM,5%,2W,AG,TP,6x16MM	
.....5	RZ132	2003-002171 R-METAL OXIDE(S):150ohm,5%,2W,AG,TP,3.9x	
.....5	RZ132A	2003-002171 R-METAL OXIDE(S):150ohm,5%,2W,AG,TP,3.9x	
.....5	RZ148	2003-002171 R-METAL OXIDE(S):150ohm,5%,2W,AG,TP,3.9x	
.....5	RZ148A	2003-002171 R-METAL OXIDE(S):150ohm,5%,2W,AG,TP,3.9x	
.....5	RZ149	2003-002171 R-METAL OXIDE(S):150ohm,5%,2W,AG,TP,3.9x	
.....5	RZ149A	2003-002171 R-METAL OXIDE(S):150ohm,5%,2W,AG,TP,3.9x	
.....5	RZ129	2003-002171 R-METAL OXIDE(S):150ohm,5%,2W,AG,TP,3.9x	
.....5	RZ129A	2003-002171 R-METAL OXIDE(S):150ohm,5%,2W,AG,TP,3.9x	
.....5	RZ130	2003-002171 R-METAL OXIDE(S):150ohm,5%,2W,AG,TP,3.9x	
.....5	RZ131A	2003-002171 R-METAL OXIDE(S):150ohm,5%,2W,AG,TP,3.9x	
.....5	RZ131	2003-002171 R-METAL OXIDE(S):150ohm,5%,2W,AG,TP,3.9x	
.....5	RZ130A	2003-002171 R-METAL OXIDE(S):150ohm,5%,2W,AG,TP,3.9x	
.....5	R024	2004-001373 R-METAL(S):100Kohm,1%,1/2W,AA,TP,2.4x6.4	
.....5	R024	2004-001390 R-METAL(S):1Kohm,2%,1/2W,AA,TP,2.4x6.4mm	
.....5	R024	2004-001395 R-METAL(S):330Kohm,2%,1/2W,AA,TP,2.4x6.4	
.....5	R024	2004-001399 R-METAL(S):5.1Kohm,1%,1/2W,AA,TP,2.4x6.4	
.....5	R024	2004-001897 R-METAL(S):43.2Kohm,1%,1/2W,AA,TP,2.5x6.	
.....5	R024	2004-001897 R-METAL(S):43.2Kohm,1%,1/2W,AA,TP,2.5x6.	
.....5	R024	2004-001897 R-METAL(S):43.2Kohm,1%,1/2W,AA,TP,2.5x6.	
.....5	R024	2004-001897 R-METAL(S):43.2Kohm,1%,1/2W,AA,TP,2.5x6.	
.....5	R024	2004-001897 R-METAL(S):43.2Kohm,1%,1/2W,AA,TP,2.5x6.	
.....5	R024	2004-001984 R-METAL(S):26.7Kohm,1%,1/2W,AA,TP,2.4x6.	
.....5	R024	2004-001984 R-METAL(S):26.7Kohm,1%,1/2W,AA,TP,2.4x6.	
.....5	R024	2004-002022 R-METAL(S):51Kohm,1%,1/2W,AA,TP,2.4x6.4m	
.....5	R024	2004-004048 R-METAL(S):3.9Kohm,1%,1/2W,AA,TP,2.5x6.5	
.....5	R419	2008-000252 R-FUSIBLE(S):0.47ohm,10%,1/2W,AF,TP,2.5x	
.....5	R430	2008-000253 R-FUSIBLE(S):0.47ohm,5%,1W,AF,TP,3.9x10m	
.....5	R418	2008-000253 R-FUSIBLE(S):0.47ohm,5%,1W,AF,TP,3.9x10m	
.....5	R410	2008-000253 R-FUSIBLE(S):0.47ohm,5%,1W,AF,TP,3.9x10m	
.....5	R409	2008-000253 R-FUSIBLE(S):0.47ohm,5%,1W,AF,TP,3.9x10m	
.....5	R838	2008-001014 R-FUSIBLE(S):22ohm,5%,1W,AF,TP,3.2x10mm	



Loc. No.	Code No.	Description ; Specification	Remark
.....5	R304	2008-001076 R-FUSIBLE(S):1.8ohm,5%,2W,AF,TP,3.9x10mm	
.....5	RR471S	2103-001024 VR-SEMI:50Kohm,25%,0.3W,TOP	
.....5	C598	2201-000119 C-CERAMIC,DISC:100NF,+80-20%,50V,Y5V,TP,	
.....5	C598	2201-000119 C-CERAMIC,DISC:100NF,+80-20%,50V,Y5V,TP,	
.....5	C598	2201-000119 C-CERAMIC,DISC:100NF,+80-20%,50V,Y5V,TP,	
.....5	C598	2201-000144 C-CERAMIC,DISC:0.1NF,5%,50V,COG,TP,8.5X3	
.....5	C598	2201-000180 C-CERAMIC,DISC:10NF,10%,50V,Y5V,TP,7X3MM	
.....5	C598	2201-000281 C-CERAMIC,DISC:1NF,+80-20%,50V,Y5V,TP,5X	
.....5	C598	2201-000281 C-CERAMIC,DISC:1NF,+80-20%,50V,Y5V,TP,5X	
.....5	C598	2201-000017 C-CERAMIC,DISC:1NF,10%,50V,Y5P,TP,5X3.5M	
.....5	C598	2201-000327 C-CERAMIC,DISC:2.2NF,10%,50V,Y5V,TP,6.5X	
.....5	C598	2201-000327 C-CERAMIC,DISC:2.2NF,10%,50V,Y5V,TP,6.5X	
.....5	C598	2201-000327 C-CERAMIC,DISC:2.2NF,10%,50V,Y5V,TP,6.5X	
.....5	C598	2201-000327 C-CERAMIC,DISC:2.2NF,10%,50V,Y5V,TP,6.5X	
.....5	C598	2201-000332 C-CERAMIC,DISC:2.2NF,20%,250V,Y5U,TP,9X4	
.....5	C598	2201-000332 C-CERAMIC,DISC:2.2NF,20%,250V,Y5U,TP,9X4	
.....5	C598	2201-000390 C-CERAMIC,DISC:0.022NF,5%,50V,RH,TP,5X3M	
.....5	C598	2201-000390 C-CERAMIC,DISC:0.022NF,5%,50V,RH,TP,5X3M	
.....5	C598	2201-000390 C-CERAMIC,DISC:0.022NF,5%,50V,RH,TP,5X3M	
.....5	C598	2201-000390 C-CERAMIC,DISC:0.022NF,5%,50V,RH,TP,5X3M	
.....5	C598	2201-000390 C-CERAMIC,DISC:0.022NF,5%,50V,RH,TP,5X3M	
.....5	C598	2201-000406 C-CERAMIC,DISC:0.27NF,10%,2KV,Y5P,TP,6.3	
.....5	C598	2201-000406 C-CERAMIC,DISC:0.27NF,10%,2KV,Y5P,TP,6.3	
.....5	C598	2201-000499 C-CERAMIC,DISC:0.39NF,5%,50V,SL,TP,8.5X3	
.....5	C598	2201-000499 C-CERAMIC,DISC:0.39NF,5%,50V,SL,TP,8.5X3	
.....5	C598	2201-000499 C-CERAMIC,DISC:0.39NF,5%,50V,SL,TP,8.5X3	
.....5	C598	2201-000499 C-CERAMIC,DISC:0.39NF,5%,50V,SL,TP,8.5X3	
.....5	C598	2201-000551 C-CERAMIC,DISC:0.47NF,10%,1KV,Y5P,TP,6.3	
.....5	C598	2201-000551 C-CERAMIC,DISC:0.47NF,10%,1KV,Y5P,TP,6.3	
.....5	C598	2201-000551 C-CERAMIC,DISC:0.47NF,10%,1KV,Y5P,TP,6.3	
.....5	C598	2201-000551 C-CERAMIC,DISC:0.47NF,10%,1KV,Y5P,TP,6.3	
.....5	C598	2201-000556 C-CERAMIC,DISC:0.47NF,10%,500V,Y5P,TP,5.	
.....5	C598	2201-000556 C-CERAMIC,DISC:0.47NF,10%,500V,Y5P,TP,5.	
.....5	C598	2201-000556 C-CERAMIC,DISC:0.47NF,10%,500V,Y5P,TP,5.	
.....5	C598	2201-000863 C-CERAMIC,DISC:0.68NF,10%,50V,Y5P,TP,5X3	
.....5	C598	2201-000863 C-CERAMIC,DISC:0.68NF,10%,50V,Y5P,TP,5X3	
.....5	C689	2202-000121 C-CERAMIC,MLC-AXIAL:100pf,10%,50V,Y5P,TP	
.....5	C689	2202-000121 C-CERAMIC,MLC-AXIAL:100pf,10%,50V,Y5P,TP	
.....5	C689	2202-000121 C-CERAMIC,MLC-AXIAL:100pf,10%,50V,Y5P,TP	
.....5	C689	2202-000121 C-CERAMIC,MLC-AXIAL:100pf,10%,50V,Y5P,TP	
.....5	C689	2202-000121 C-CERAMIC,MLC-AXIAL:100pf,10%,50V,Y5P,TP	
.....5	C689	2202-000121 C-CERAMIC,MLC-AXIAL:100pf,10%,50V,Y5P,TP	
.....5	CZ137	2202-000561 C-CERAMIC,MLC-RADIAL:0.68NF,5%,50V,COG,T	
.....5	CZ135	2202-000561 C-CERAMIC,MLC-RADIAL:0.68NF,5%,50V,COG,T	
.....5	CZ116	2202-000561 C-CERAMIC,MLC-RADIAL:0.68NF,5%,50V,COG,T	
.....5	CZ114	2202-000561 C-CERAMIC,MLC-RADIAL:0.68NF,5%,50V,COG,T	
.....5	CZ112	2202-000561 C-CERAMIC,MLC-RADIAL:0.68NF,5%,50V,COG,T	
.....5	C433	2301-000104 C-FILM,LEAD-PEF;	
.....5	C430	2301-000108 C-FILM,LEAD-PEF;	
.....5	C475	2301-000111 C-FILM,LEAD-PEF;	
.....5	C479	2301-000111 C-FILM,LEAD-PEF;	
.....5	C405	2301-000213 C-FILM,LEAD-PEF;	
.....5	CS801	2301-000356 C-FILM,LEAD-PEF;	
.....5	C838	2301-000356 C-FILM,LEAD-PEF;	
.....5	C477	2301-001067 C-FILM,LEAD-PPF:82nF,5%,400V,TP,19x15.5x	
.....5	C438	2301-001194 C-FILM,LEAD-PPF:470nF,5%,250V,TP,18x16x8	
.....5	C831	2301-001216 C-FILM,LEAD-PPF:47nF,5%,630V,TP,20x14.5x	
.....5	CB19	2301-001401 C-FILM,LEAD-PPF:27nF,5%,630V,TP,19x11x17	
.....5	C415	2303-000331 C-FILM,LEAD-PPF:4.7nF,5%,630V,TP,19.5x12	
.....5	C311	2305-000149 C-FILM,LEAD-PEF;	
.....5	C417	2305-000178 C-FILM,LEAD-PEF;	
.....5	C304	2305-000285 C-FILM,LEAD-PEF;	
.....5	C481	2305-000289 C-FILM,LEAD-PEF;	
.....5	C483	2305-001037 C-FILM,LEAD-PEF;	
.....5	C482	2305-001037 C-FILM,LEAD-PEF;	
.....5	C431	2305-000407 C-FILM,LEAD-PEF;	
.....5	C865	2305-000427 C-FILM,LEAD-PEF;	
.....5	C309	2305-000427 C-FILM,LEAD-PEF;	
.....5	C307	2305-000427 C-FILM,LEAD-PEF;	
.....5	C416	2305-000665 C-FILM,LEAD-PEF;	
.....5	C480	2306-000122 C-FILM,LEAD-PPF:100nF,5%,50V,TP,7.3x4.0x	
.....5	C701	2401-000183 C-AL:1000uf,20%,35V,WVT,TP,12.5x25.5	
.....5	C701	2401-000183 C-AL:1000uf,20%,35V,WVT,TP,12.5x25.5	
.....5	C701	2401-000302 C-AL:100uf,20%,25V,GP,TP,6.3x11.5	

Electrical Parts List

Loc. No.	Code No.	Description ; Specification	Remark	Loc. No.	Code No.	Description ; Specification	Remark		
.....5	EY136	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	.....5	RZ146	2008-001155	R-FUSIBLE:3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM
.....5	EY135	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	.....5	RZ147	2008-001155	R-FUSIBLE:3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM
.....5	EY134	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	....4	C419	2301-001343	C-FILM,LEAD-PPF;3.9NF,5%,2KV,BK,29X9.5X1
.....5	EY133	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	....4	C403	2301-001539	C-FILM,LEAD-PPF;1000NF,5%,400V,BK,28*25*
.....5	EY132	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	....4	C404	2306-000102	C-FILM,LEAD-PPF;1200NF,5%,250V,BK,29X31X
.....5	EY131	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	....4	T0296	AA27-00070A	COIL LINEARITY;-7uH,YL81 DR1518,11mm,17
.....5	EY13	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	....4	L432	AA27-40003F	COIL HORIZ. WIDTH:-.3,0MH,ER14X20,PI0.35
.....5	EY20	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	....4	T0245	AA39-20009C	LEAD CONNECTOR-ASSY;1P,400,YFH800-01,16
.....5	EY19	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	....4	C598	2201-000234	C-CERAMIC,DISC;0.15NF,5%,50V,CG,TP,9X3M
.....5	EY18	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	....4	R801	2003-000713	R-METAL OXIDE(S);47ohm,5%,2W,AF,TP,4x12m
.....5	EY17	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	....3	T0073	BP94-00492H	ASSY PCB MAIN;SP4377HP,J54A,KAWA
.....5	EY14	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A4		0202-000187	SOLDER-WIRE FLUX;-RS60S,D1.2,63Sn/37Pb	S.N.A
.....5	EY15	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A4		0202-001167	SOLDER-CREAM;RX3603-2330HO,S45A,PASTE,SN	S.N.A
.....5	EY16	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	....4	IC802	1203-000119	IC-NEGA.FIXED REG.;7905,TO-220,3P,-PLAS
.....5	EY29	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	....4	C701	2401-000737	C-AL;220uf,20%,50V,GP,TP,18x35.5,7
.....5	EY30	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	....4	C701	2401-001068	C-AL;3300uf,20%,50V,GP,BK,22x40,10
.....5	EY31	6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A	....4	X601	2801-004020	CRYSTAL-UNIT;18.432MHz,30ppm,28-AAM,12pF
.....5	EL10	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A	....4	CN902	3703-001150	CONNECTOR-BACK PANEL;32P,2R,FEMALE,STRAI
.....5	EL11	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A	....4	CN902	3703-001150	CONNECTOR-BACK PANEL;32P,2R,FEMALE,STRAI
.....5	EL12	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A	....4	CN902	3703-001150	CONNECTOR-BACK PANEL;32P,2R,FEMALE,STRAI
.....5	EL13	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A	....4	CN902	3703-001187	CONNECTOR-BACK PANEL;64P,2R,FEMALE,STRAI
.....5	EL14	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A	....4	CN906	3711-003046	CONNECTOR-HEADER;BOX,9P,1R,2.5MM,STRAIGH
.....5	EL15	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A	....4	CN906	3711-004946	CONNECTOR-HEADER;BOX,15P,1R,2.5MM,STRAIG
.....5	EL16	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A	....4	JA702	3722-000183	JACK-SCART;21P,4mm,SN,BLK,NO
.....5	EL01	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A	....4	JA703	3722-001163	JACK-VHS;4P,12mm,AU,BLK,N
.....5	EL02	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A	....4	JA701	3722-001426	JACK-PIN;9P,3.4mm,NI,BLK,-
.....5	EL03	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A	....4	JA704	3722-001754	JACK-PIN;5P(10P),-NI,GRN/BLU/RED/WHT/RE
.....5	EL04	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A	....4	JA705	3722-001802	JACK-PIN;2P,8.3PI,NI,WHT/RED,-
.....5	EL09	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A	....4	L802	AA27-10001C	COIL CHOKE;-100uH,K,-.5,0A,ST,700UH-K(R
.....5	EL08	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A	....4	L801	AA29-00004A	FILTER LINE NOISE;-20UH,3A,AC80-260V,TO
.....5	EL07	6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A	....4	T0245	AA39-20010B	LEAD CONNECTOR-ASSY;1P,500,YFH800-01,S,
.....5	GT807	AA60-40014A	PIN-GT,ASSY:AUTO	S.N.A	....4	T0568	AA39-30007A	CBF IF;-T,100mm,1365#26
.....5	GT806	AA60-40014A	PIN-GT,ASSY:AUTO	S.N.A	....4	TU02	AA40-00084A	TUNER;TCPS3000PC16B(S),PAL,181CH,38.9MH
.....5	GT805	AA60-40014A	PIN-GT,ASSY:AUTO	S.N.A4	MICOM	AA63-00396B	SHIELD CASE-TOP;PRJT,P54A,SPT,TO.5,-,-,	S.N.A
.....5	GT804	AA60-40014A	PIN-GT,ASSY:AUTO	S.N.A4	CG	AA63-00396B	SHIELD CASE-TOP;PRJT,P54A,SPT,TO.5,-,-,	S.N.A
.....5	GT808	AA60-40014A	PIN-GT,ASSY:AUTO	S.N.A4	MICOM	AA63-00397B	SHIELD CASE-BOT;PRJT,P54A,SPT,TO.5,-,-,	S.N.A
.....5	GT809	AA60-40014A	PIN-GT,ASSY:AUTO	S.N.A4	CG	AA63-00397B	SHIELD CASE-BOT;PRJT,P54A,SPT,TO.5,-,-,	S.N.A
.....5	GT810	AA60-40014A	PIN-GT,ASSY:AUTO	S.N.A4	PROSCA	AA63-00608A	SHIELD CASE;HERCULES TOP,SPT,TO.5,W140.	S.N.A
.....5	GT811	AA60-40014A	PIN-GT,ASSY:AUTO	S.N.A4	PROSCA	AA63-00610A	SHIELD CASE;COMMANDO,SPT,TO.5,W141.5,H1	S.N.A
.....5	GT803	AA60-40014A	PIN-GT,ASSY:AUTO	S.N.A4		AA63-10002A	BAND-TIE;NYLON66 V2,L100,NTR	S.N.A
.....5	GT405	AA60-40014A	PIN-GT,ASSY:AUTO	S.N.A4		AA65-00011B	CLAMPER CORE-WIRE;ALL MODEL,NYLON 66,V2,	S.N.A
.....5	GT406	AA60-40014A	PIN-GT,ASSY:AUTO	S.N.A4		AA65-30018A	CLAMPER CORE-WIRE;DONG-A,NYLON-66,-,-,-,	S.N.A
.....5	GT407	AA60-40014A	PIN-GT,ASSY:AUTO	S.N.A4		AA65-30104C	CLAMPER CORE-WIRE;ALL MODEL,NYLON 66,V2,	S.N.A
.....5	GT409	AA60-40014A	PIN-GT,ASSY:AUTO	S.N.A4		AA65-30110A	CLAMPER CORE-WIRE;ALL MODEL,NYLON 66,V2,	S.N.A
.....5	GT430	AA60-40014A	PIN-GT,ASSY:AUTO	S.N.A4	IC801	AA96-00475C	ASSY H/S;SILICON-OIL,KA278R09,KA7808,AA6	S.N.A
.....5	GT431	AA60-40014A	PIN-GT,ASSY:AUTO	S.N.A5		0205-000129	GREASE-SILICON;SC102,JAPAN	S.N.A
.....5	GT801	AA60-40014A	PIN-GT,ASSY:AUTO	S.N.A	.....5	T0087	1203-000293	IC-POSI.FIXED REG.;7808,TO-220,3P,-PLAS
.....5	GT802	AA60-40014A	PIN-GT,ASSY:AUTO	S.N.A	.....5	T0123	1203-002003	IC-VOLTAGE REGULATOR;278R09,TO-220,4P,-
.....5	C701	2401-003058	C-AL;100uf,20%,200V,WT,TP,16x25,7.5		.....5	T0081	6003-000334	SCREW-TAPTITE;RH,+2S,M3,L6,ZPC(YEL),SWR
.....5	R438	2001-001178	R-CARBON(S);680OHM,5%,1/2W,AA,TP,2.4X6.4	5		AA62-00066B	HEAT SINK;D2,D3,AL,T1.0,89,70,-,AA62-00	S.N.A
.....5	T0083	0402-001443	DIODE-RECTIFIER;EGP20K,800V,2A,DO-15,TP		.....5	T0123	1203-001978	IC-VOLTAGE REGULATOR;KA278RA05,TO-220F,4
.....5	C598	2201-000991	C-CERAMIC,DISC;0.56NF,10%,2KV,Y5P,TP,7.5	4	IC601	AA96-00623E	ASSY H/S;SCREW,MAIN,AA62-00056A,TDA7265,	S.N.A
.....5	DZ016	0403-001322	DIODE-ZENER;MTZJ8.2B,7.78-8.19V,500mW,DO	5		0205-000129	GREASE-SILICON;SC102,JAPAN	S.N.A
.....5	DZ016	0403-001322	DIODE-ZENER;MTZJ8.2B,7.78-8.19V,500mW,DO		.....5	T0124	1201-001026	IC-POWER AMP;7265,ZIP,11P,19.6MIL,DUAL,1
.....5	DZ016	0403-000714	DIODE-ZENER;MTZJ3.3B,3.3V,3.32-3.53V,500		.....5	T0081	6003-000334	SCREW-TAPTITE;RH,+2S,M3,L6,ZPC(YEL),SWR
.....5	R479	2001-000107	R-CARBON(S);150KOHM,5%,1/2W,AA,TP,2.4X6.	5		AA62-00056A	HEAT SINK;-,-,T1.0,-,41*35*70,D2,-,-,	S.N.A
.....5	R451	2009-001109	R-TEMPERATURE;240ohm,5%,1/4W,AA,TP,2.3x6		....4	T0095	BP95-00020A	ASSY SUB-PRO-SCAN;SP4316HPX/SAP,J54A
.....5	R024	2004-001397	R-METAL(S);4.7Kohm,1%,1/2W,AA,TP,2.4x6.4	5		0202-000187	SOLDER-WIRE FLUX;-RS60S,D1.2,63Sn/37Pb	S.N.A
.....5	R125	2001-000012	R-CARBON;680KOHM,5%,1/8W,AA,TP,1.8X3.2MM		.....5	FC59	2305-000704	C-FILM,LEAD-PEF;
.....5	R024	2004-001899	R-METAL(S);61.9Kohm,1%,1/2W,AA,TP,2.5x6.		.....5	FC58	2301-001664	C-FILM,LEAD-OTHER;100nf,3%,50V,TP,20x16x
.....5	PCB	AA41-00714C	PCB-PWR DEF(DK);SP42W5HP,CEM-1,1L,C,1.6T	S.N.A	.....5	EX01	2801-004019	CRYSTAL-UNIT;20.25MHz,30ppm,28-AAM,13pF,
.....5	R437	2001-001097	R-CARBON(S);2.4KOHM,5%,1/2W,AA,TP,2.4X6.		.....5	T0122	2802-001177	RESONATOR-CERAMIC;2.696MHZ,0.4%,BK,10X4.
.....5	C598	2201-000602	C-CERAMIC,DISC;0.56NF,5%,50V,SL,TP,10X3.		.....5	CN902	3703-001124	CONNECTOR-BACK PANEL;32P,2R,MALE,ANGLE,A
.....5	C701	2401-000852	C-AL;220uf,20%,35V,GP,TP,8x11.5mm,5		.....5	CN902	3703-001124	CONNECTOR-BACK PANEL;32P,2R,MALE,ANGLE,A
.....5	R458	2001-001194	R-CARBON(S);82KOHM,5%,1/2W,AA,TP,2.4X6.4		.....5	CN906	3711-001164	CONNECTOR-HEADER;BOX,9P,1R,2.5mm,ANGLE,-
.....5	R125	2001-000539	R-CARBON;24KOHM,5%,1/8W,AA,TP,1.8X3.2MM	5		BP97-00046A	ASSY SMD;SP4316HPX,J54A	S.N.A
.....5	R125	2001-000878	R-CARBON;6.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM		....6	FD13	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8
.....5	RZ123	2008-001155	R-FUSIBLE:3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM		....6	FD14	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8
.....5	RZ124	2008-001155	R-FUSIBLE:3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM		....6	FD15	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8
.....5	RZ125	2008-001155	R-FUSIBLE:3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM		....6	FD16	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8
.....5	RZ126	2008-001155	R-FUSIBLE:3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM		....6	FD17	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8
.....5	RZ127	2008-001155	R-FUSIBLE:3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM		....6	FD10	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8
.....5	RZ128	2008-001155	R-FUSIBLE:3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM		....6	FD01	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8
.....5	RZ142	2008-001155	R-FUSIBLE:3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM		....6	FD02	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8
.....5	RZ143	2008-001155	R-FUSIBLE:3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM		....6	FD07	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8
.....5	RZ144	2008-001155	R-FUSIBLE:3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM		....6	FD08	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8
.....5	RZ145	2008-001155	R-FUSIBLE:3.9OHM,5%,1/2W,AF,TP,2.5X6.5MM		....6	FD09	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8

Loc. No.	Code No.	Description ; Specification	Remark	Loc. No.	Code No.	Description ; Specification	Remark
.....6 DZ016	0403-000746	DIODE-ZENER:RLZ3.9B,3.89-4.16V,500MW,LL-		.....6 FR01	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....6 DZ016	0403-001016	DIODE-ZENER:RLZ6.2B,5.96-6.27V,500MW,LL-		.....6 FR17	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....6 DZ016	0403-001117	DIODE-ZENER:RLZ12B,5%,500mW,LL-34,TP		.....6 FR34	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....6 DZ016	0403-001117	DIODE-ZENER:RLZ12B,5%,500mW,LL-34,TP		.....6 FR33	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....6 DZ016	0403-001117	DIODE-ZENER:RLZ12B,5%,500mW,LL-34,TP		.....6 FR32	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....6 DZ016	0403-001117	DIODE-ZENER:RLZ12B,5%,500mW,LL-34,TP		.....6 FR31	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....6 T0156	0501-000280	TR-SMALL SIGNAL:KSA1182,PNP,150mW,SOT-23		.....6 FR18	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....6 T0156	0501-000280	TR-SMALL SIGNAL:KSA1182,PNP,150mW,SOT-23		.....6 FR19	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....6 T0156	0501-000280	TR-SMALL SIGNAL:KSA1182,PNP,150mW,SOT-23		.....6 FR20	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....6 T0156	0501-000280	TR-SMALL SIGNAL:KSA1182,PNP,150mW,SOT-23		.....6 FR21	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	
.....6 T0156	0501-000344	TR-SMALL SIGNAL:KSC1623-G,NPN,200mW,SOT-		.....6 SR74	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
.....6 T0156	0501-000344	TR-SMALL SIGNAL:KSC1623-G,NPN,200mW,SOT-		.....6 FR66	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	
.....6 T0156	0501-000344	TR-SMALL SIGNAL:KSC1623-G,NPN,200mW,SOT-		.....6 FR40	2007-000080	R-CHIP;2Kohm,5%,1/10W,TP,1608	
.....6 T0156	0501-000344	TR-SMALL SIGNAL:KSC1623-G,NPN,200mW,SOT-		.....6 FR72	2007-000081	R-CHIP;2.7Kohm,5%,1/10W,TP,1608	
.....6 T0156	0501-000344	TR-SMALL SIGNAL:KSC1623-G,NPN,200mW,SOT-		.....6 FR73	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
.....6 T0156	0501-000344	TR-SMALL SIGNAL:KSC1623-G,NPN,200mW,SOT-		.....6 FR62	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	
.....6 T0156	0501-000727	TR-SMALL SIGNAL:BC848C,NPN,310mW,SOT-23,		.....6 FR45	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....6 Q409	0505-000110	FET-SILICON:2N7002,N,60V,115mA,7.5ohm,0.		.....6 FR44	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....6 Q409	0505-000110	FET-SILICON:2N7002,N,60V,115mA,7.5ohm,0.		.....6 ER92	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....6 IC104	0801-000662	IC-CMOS LOGIC:74HC123,MULTIVIBRATOR,SOP,1		.....6 ER91	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	
.....6 IC06	1203-001211	IC-VOL. DETECTOR:7027,SOT-89,3P,-PLASTI		.....6 FR42	2007-000086	R-CHIP;5.6Kohm,5%,1/10W,TP,1608	
.....6 T0087	1203-002186	IC-POSIFIXED REG.:18,DPAK,3P,240MIL,PLA		.....6 FR41	2007-000086	R-CHIP;5.6Kohm,5%,1/10W,TP,1608	
.....6 T0087	1203-002302	IC-POSIFIXED REG.:78RM33D,D-PAK,3P,-PL		.....6 PR01	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....6 IC01A	1204-001938	IC-DECODER:VSP9407B-B11,MQFP,80P,14X14MM		.....6 FR60	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....6 IC118	1204-001989	IC-VIDEO PROCESS:CSA21650,QFP,64P,20X14MM		.....6 FR22	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....6 EL04	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012		.....6 FR09	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	
.....6 EL05	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012		.....6 FR58	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	
.....6 EL06	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012		.....6 PR02	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	
.....6 EL07	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012		.....6 FR77	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	
.....6 EC32	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012		.....6 FR63	2007-000118	R-CHIP;390ohm,5%,1/10W,TP,1608	
.....6 EC33	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012		.....6 FR70	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	
.....6 EC34	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012		.....6 FR46	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	
.....6 EQ13	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012		.....6 FR47	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	
.....6 EQ14	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012		.....6 FR15	2007-000210	R-CHIP;1.1Kohm,5%,1/8W,TP,2012	
.....6 EQ15	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012		.....6 FR14	2007-000210	R-CHIP;1.1Kohm,5%,1/8W,TP,2012	
.....6 FR57	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608		.....6 FR13	2007-000210	R-CHIP;1.1Kohm,5%,1/8W,TP,2012	
.....6 FR78	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608		.....6 FR10	2007-000210	R-CHIP;1.1Kohm,5%,1/8W,TP,2012	
.....6 FR79	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608		.....6 FR11	2007-000210	R-CHIP;1.1Kohm,5%,1/8W,TP,2012	
.....6 FR80	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608		.....6 FR12	2007-000210	R-CHIP;1.1Kohm,5%,1/8W,TP,2012	
.....6 FR88	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608		.....6 SR73	2007-000259	R-CHIP;1.6Kohm,5%,1/10W,TP,1608	
.....6 FC53	2007-000068	R-CHIP;470Kohm,5%,1/8W,TP,2012		.....6 FR36	2007-000691	R-CHIP;3.3Mohm,5%,1/10W,TP,1608	
.....6 ER18	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608		.....6 FC52	2007-000819	R-CHIP;390Kohm,5%,1/10W,TP,1608	
.....6 ER19	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608		.....6 FR43	2007-000869	R-CHIP;4.7Kohm,1%,1/10W,TP,1608	
.....6 FR07	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608		.....6 ER14	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....6 FR35	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608		.....6 ER01	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....6 FR76	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608		.....6 ER70	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....6 FR96	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608		.....6 ER71	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....6 CR83	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608		.....6 ER72	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....6 CR84	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608		.....6 EC38	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....6 EC31	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608		.....6 EC39	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....6 ER04	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608		.....6 EC40	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....6 ER17	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608		.....6 ER03	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....6 ER06	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608		.....6 ER08	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....6 ER05	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608		.....6 ER09	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....6 ER95	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608		.....6 ER10	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....6 SC54	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608		.....6 ER11	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....6 SC55	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608		.....6 ER15	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....6 SR67	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608		.....6 ER16	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	
.....6 SR70	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608		.....6 FC42	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....6 SR71	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608		.....6 FC43	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....6 FR54	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		.....6 FC44	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....6 FR56	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		.....6 FC55	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....6 FR53	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		.....6 FC61	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....6 FR39	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		.....6 FC41	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....6 FR38	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		.....6 FC24	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....6 FR37	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		.....6 FC25	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....6 FR71	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		.....6 FC26	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....6 YR45	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		.....6 FC30	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....6 YR44	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		.....6 FC32	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....6 YR43	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		.....6 FC64	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....6 SR75	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		.....6 PC15	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....6 FR82	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		.....6 PC16	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....6 FR81	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		.....6 PC31	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....6 FR75	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		.....6 SC48	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....6 FR74	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		.....6 SC58	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....6 FR16	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		.....6 PC14	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	
.....6 FR02	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608		.....6 PC02	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012	

Electrical Parts List

Loc. No.	Code No.	Description ; Specification	Remark	Loc. No.	Code No.	Description ; Specification	Remark
.....6 PC04	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012		.....6 EL12	2703-000274	INDUCTOR-SMD:2.2uH,10%,2012	
.....6 PC05	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012		.....6 CL07	2703-000398	INDUCTOR-SMD:10uH,10%,3225	
.....6 PC11	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012		.....6 FL01	2703-001070	INDUCTOR-SMD:100uH,10%,4532	
.....6 PC13	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012		.....6 T0568	3301-001082	BEAD-SMD:600OHM,3.2X2.5X1.3MM,1500MA,TP,F	
.....6 EC17	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012		.....6 T0568	3301-001186	BEAD-SMD:600ohm,3.2x1.6x1.3mm,2500mA,TP,	
.....6 EC25	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012		.....6 T0568	3301-001186	BEAD-SMD:600ohm,3.2x1.6x1.3mm,2500mA,TP,	
.....6 EC61	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012		.....6 T0568	3301-001186	BEAD-SMD:600ohm,3.2x1.6x1.3mm,2500mA,TP,	
.....6 EC62	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012		.....6 T0568	3301-001324	BEAD-SMD:-,15,-,600,TP,-,0.1	
.....6 EC65	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012		.....6 T0568	3301-001324	BEAD-SMD:-,15,-,600,TP,-,0.1	
.....6 EC13	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012		.....6 T0568	3301-001324	BEAD-SMD:-,15,-,600,TP,-,0.1	
.....6 EC01	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012		.....6 T0568	3301-001324	BEAD-SMD:-,15,-,600,TP,-,0.1	
.....6 EC02	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012		.....6 T0568	3301-001324	BEAD-SMD:-,15,-,600,TP,-,0.1	
.....6 EC03	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012		.....6 T0568	3301-001324	BEAD-SMD:-,15,-,600,TP,-,0.1	
.....6 EC04	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012		.....6 T0568	3301-001324	BEAD-SMD:-,15,-,600,TP,-,0.1	
.....6 EC12	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012		.....6 T0568	3301-001324	BEAD-SMD:-,15,-,600,TP,-,0.1	
.....6 EC66	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012		.....6 ER34	2007-000072	R-CHIP:47ohm,5%,1/10W,TP,1608	
.....6 FC10	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012		.....6 ER33	2007-000072	R-CHIP:47ohm,5%,1/10W,TP,1608	
.....6 FC11	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012		.....6 ER35	2007-000072	R-CHIP:47ohm,5%,1/10W,TP,1608	
.....6 FC21	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012		.....6 FC49	2203-000896	C-CER,CHIP:4.7nF,10%,50V,X7R,TP,1608	
.....6 FC22	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012		.....6 FR68	2007-000107	R-CHIP:470Kohm,5%,1/10W,TP,1608	
.....6 FC23	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012		.....6 FR69	2007-000107	R-CHIP:470Kohm,5%,1/10W,TP,1608	
.....6 EC67	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012		.....6 FR83	2007-000104	R-CHIP:150Kohm,5%,1/10W,TP,1608	
.....6 EC68	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012		.....6 EC14	2203-006170	C-CER,CHIP:220NF,10%,16V,X7R,TP,1608	
.....6 EC69	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012		.....6 EC15	2203-006170	C-CER,CHIP:220NF,10%,16V,X7R,TP,1608	
.....6 EC70	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012		.....6 EC16	2203-006170	C-CER,CHIP:220NF,10%,16V,X7R,TP,1608	
.....6 FC03	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012		.....6 FC50	2203-001140	C-CER,CHIP:68nF,10%,16V,X7R,TP,1608,-	
.....6 PC17	2203-000257	C-CER,CHIP:10nF,10%,50V,X7R,TP,1608		.....6 EC35	2007-000402	R-CHIP:150ohm,5%,1/10W,TP,1608	
.....6 FC54	2203-000257	C-CER,CHIP:10nF,10%,50V,X7R,TP,1608		.....6 EC36	2007-000402	R-CHIP:150ohm,5%,1/10W,TP,1608	
.....6 FC57	2203-000440	C-CER,CHIP:1nF,10%,50V,X7R,TP,1608,-		.....6 EC37	2007-000402	R-CHIP:150ohm,5%,1/10W,TP,1608	
.....6 FC02	2203-000440	C-CER,CHIP:1nF,10%,50V,X7R,TP,1608,-		.....6 0	AA41-00610E	PCB:HCM4215W,PCB,4L,E,1.6,162*223,140*10	S.N.A
.....6 FC01	2203-000440	C-CER,CHIP:1nF,10%,50V,X7R,TP,1608,-		.....6	0202-001167	SOLDER-CREAM:RX3603-2330HO,S45A,PASTE,SN	S.N.A
.....6 FC07	2203-000491	C-CER,CHIP:2.2nF,10%,50V,X7R,TP,1608,-		.....5 FC48	2305-000011	C-FILM,LEAD-PEF	
.....6 SC56	2203-000491	C-CER,CHIP:2.2nF,10%,50V,X7R,TP,1608,-		.....4 T0104	BP95-00058A	ASSY SUB-MICOM:SP4376HPX/SAP,J54A	
.....6 SC57	2203-000491	C-CER,CHIP:2.2nF,10%,50V,X7R,TP,1608,-		.....5	0202-000187	SOLDER-WIRE FLUX:-,RS60S,D1.2,63Sn/37Pb	S.N.A
.....6 FC47	2203-000575	C-CER,CHIP:220NF,10%,25V,X7R,TP,2012		.....5 T0083	0402-000274	DIODE-RECTIFIER:UF4004,400V,1A,DO-41,TP	
.....6 EC11	2203-000575	C-CER,CHIP:220NF,10%,25V,X7R,TP,2012		.....5 Q409	0505-000109	FET-SILICON:2N7000,N,60V,200mA,5ohm,400m	
.....6 EC10	2203-000575	C-CER,CHIP:220NF,10%,25V,X7R,TP,2012		.....5 Q409	0505-000109	FET-SILICON:2N7000,N,60V,200mA,5ohm,400m	
.....6 EC09	2203-000575	C-CER,CHIP:220NF,10%,25V,X7R,TP,2012		.....5 IC902	1102-001130	IC-EPRM:M27W201-80F6,256KX8BIT,DIP,32P,	
.....6 EC64	2203-000626	C-CER,CHIP:0.022NF,5%,50V,COG,TP,1608		.....5 IC904	1203-001943	IC-VOL. DETECTOR:7025,TO-92,3P,-,PLASTIC	
.....6 EC63	2203-000626	C-CER,CHIP:0.022NF,5%,50V,COG,TP,1608		.....5 X901	2801-004071	CRYSTAL-UNIT:6MHZ,30PPM,28-AAM,20PF,400H	
.....6 EC24	2203-000975	C-CER,CHIP:47nF,10%,25V,X7R,TP,1608,-		.....5 CN902	3703-001175	CONNECTOR-BACK PANEL:64P,2R,MALE,ANGLE,A	
.....6 EC23	2203-000975	C-CER,CHIP:47nF,10%,25V,X7R,TP,1608,-		.....5	AA97-07276A	ASSY SMD:-, , , , ,	S.N.A
.....6 EC22	2203-000975	C-CER,CHIP:47nF,10%,25V,X7R,TP,1608,-		.....6 D905	0401-000133	DIODE-SWITCHING:RLS4148,100V,200MA,SOD-8	
.....6 EC21	2203-000975	C-CER,CHIP:47nF,10%,25V,X7R,TP,1608,-		.....6 D906	0401-000133	DIODE-SWITCHING:RLS4148,100V,200MA,SOD-8	
.....6 EC07	2203-000975	C-CER,CHIP:47nF,10%,25V,X7R,TP,1608,-		.....6 D920	0401-000133	DIODE-SWITCHING:RLS4148,100V,200MA,SOD-8	
.....6 EC18	2203-000975	C-CER,CHIP:47nF,10%,25V,X7R,TP,1608,-		.....6 D923	0401-000133	DIODE-SWITCHING:RLS4148,100V,200MA,SOD-8	
.....6 EC19	2203-000975	C-CER,CHIP:47nF,10%,25V,X7R,TP,1608,-		.....6 D602	0401-000133	DIODE-SWITCHING:RLS4148,100V,200MA,SOD-8	
.....6 EC20	2203-000975	C-CER,CHIP:47nF,10%,25V,X7R,TP,1608,-		.....6 D901	0401-000133	DIODE-SWITCHING:RLS4148,100V,200MA,SOD-8	
.....6 FC46	2203-002494	C-CER,CHIP:470nF,10%,16V,X7R,TP,2012		.....6 D902	0401-000133	DIODE-SWITCHING:RLS4148,100V,200MA,SOD-8	
.....6 FC28	2203-002494	C-CER,CHIP:470nF,10%,16V,X7R,TP,2012		.....6 DZ016	0403-001375	DIODE-ZENER:RLZ3.6B,3.6-3.845V,500mW,LL-	
.....6 FC27	2203-002494	C-CER,CHIP:470nF,10%,16V,X7R,TP,2012		.....6 DZ016	0403-001375	DIODE-ZENER:RLZ3.6B,3.6-3.845V,500mW,LL-	
.....6 FC08	2203-002494	C-CER,CHIP:470nF,10%,16V,X7R,TP,2012		.....6 DZ016	0403-001375	DIODE-ZENER:RLZ3.6B,3.6-3.845V,500mW,LL-	
.....6 FC09	2402-000170	C-AL,SMD:1uF,20%,50V,GP,TP,4.3x4.3x5.4,		.....6 DZ016	0403-001375	DIODE-ZENER:RLZ3.6B,3.6-3.845V,500mW,LL-	
.....6 PC18	2402-000173	C-AL,SMD:4.7uF,20%,35V,GP,TP,4.3x4.3x5.4,		.....6 DZ016	0403-001375	DIODE-ZENER:RLZ3.6B,3.6-3.845V,500mW,LL-	
.....6 FC60	2402-000173	C-AL,SMD:4.7uF,20%,35V,GP,TP,4.3x4.3x5.4,		.....6 DZ016	0403-001375	DIODE-ZENER:RLZ3.6B,3.6-3.845V,500mW,LL-	
.....6 FC29	2402-000173	C-AL,SMD:4.7uF,20%,35V,GP,TP,4.3x4.3x5.4,		.....6 T0156	0501-000344	TR-SMALL SIGNAL:KSC1623-G,NPN,200mW,SOT-	
.....6 SC47	2402-000179	C-AL,SMD:47uF,20%,16V,GP,TP,6.6x6.6x5.4,		.....6 T0156	0501-000344	TR-SMALL SIGNAL:KSC1623-G,NPN,200mW,SOT-	
.....6 PC32	2402-000179	C-AL,SMD:47uF,20%,16V,GP,TP,6.6x6.6x5.4,		.....6 T0156	0501-000344	TR-SMALL SIGNAL:KSC1623-G,NPN,200mW,SOT-	
.....6 PC06	2402-000179	C-AL,SMD:47uF,20%,16V,GP,TP,6.6x6.6x5.4,		.....6 T0156	0501-000344	TR-SMALL SIGNAL:KSC1623-G,NPN,200mW,SOT-	
.....6 FC66	2402-000179	C-AL,SMD:47uF,20%,16V,GP,TP,6.6x6.6x5.4,		.....6 T0156	0501-000344	TR-SMALL SIGNAL:KSC1623-G,NPN,200mW,SOT-	
.....6 PC01	2402-000179	C-AL,SMD:47uF,20%,16V,GP,TP,6.6x6.6x5.4,		.....6 T0156	0501-000344	TR-SMALL SIGNAL:KSC1623-G,NPN,200mW,SOT-	
.....6 PC03	2402-000179	C-AL,SMD:47uF,20%,16V,GP,TP,6.6x6.6x5.4,		.....6 T0087	1203-002302	IC-POSI.FIXED REG.:78RM33D,D-PAK,3P,-,PL	
.....6 FC06	2402-000209	C-AL,SMD:22uF,20%,16V,WT,TP,5.3x5.3mm,1		.....6 IC901	1204-001912	IC-DECODER:SDA5550M,P-MQFP,100P,-,PLASTI	
.....6 FC63	2402-001042	C-AL,SMD:100uF,20%,16V,GP,TP,6.6x6.6x5.4,		.....6 R964	2007-000070	R-CHIP:0ohm,5%,1/10W,TP,1608	
.....6 FC62	2402-001042	C-AL,SMD:100uF,20%,16V,GP,TP,6.6x6.6x5.4,		.....6 R960	2007-000070	R-CHIP:0ohm,5%,1/10W,TP,1608	
.....6 FC45	2402-001042	C-AL,SMD:100uF,20%,16V,GP,TP,6.6x6.6x5.4,		.....6 R959	2007-000070	R-CHIP:0ohm,5%,1/10W,TP,1608	
.....6 FC12	2402-001042	C-AL,SMD:100uF,20%,16V,GP,TP,6.6x6.6x5.4,		.....6 R965	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608	
.....6 FC04	2402-001042	C-AL,SMD:100uF,20%,16V,GP,TP,6.6x6.6x5.4,		.....6 R940	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608	
.....6 PC12	2402-001049	C-AL,CHIP:10uF,20%,16V,GP,TP,3.3x3.3x5.4		.....6 R969	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608	
.....6 PC10	2402-001049	C-AL,CHIP:10uF,20%,16V,GP,TP,3.3x3.3x5.4		.....6 R970	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608	
.....6 PC09	2402-001049	C-AL,CHIP:10uF,20%,16V,GP,TP,3.3x3.3x5.4		.....6 R972	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608	
.....6 PC08	2402-001070	C-AL,SMD:470uF,20%,16V,GP,TP,10x10.2,-		.....6 R907	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608	
.....6 PC07	2402-001070	C-AL,SMD:470uF,20%,16V,GP,TP,10x10.2,-		.....6 R909	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608	
.....6 FC31	2402-001070	C-AL,SMD:470uF,20%,16V,GP,TP,10x10.2,-		.....6 R916	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608	
.....6 CC49	2402-001070	C-AL,SMD:470uF,20%,16V,GP,TP,10x10.2,-		.....6 R918	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608	
.....6 EL10	2703-000274	INDUCTOR-SMD:2.2uH,10%,2012		.....6 R939	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608	
.....6 EL11	2703-000274	INDUCTOR-SMD:2.2uH,10%,2012					

Loc. No.	Code No.	Description ; Specification	Remark	Loc. No.	Code No.	Description ; Specification	Remark
.....6 R923	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608		.....6 C917	2402-001049	C-AL,CHIP;10uF,20%,16V,GP,TP,3.3x3.3x5.4	
.....6 R922	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608		.....6 C912	2402-001049	C-AL,CHIP;10uF,20%,16V,GP,TP,3.3x3.3x5.4	
.....6 R988	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608		.....6 C911	2402-001049	C-AL,CHIP;10uF,20%,16V,GP,TP,3.3x3.3x5.4	
.....6 R952	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608		.....6 L905	2703-001245	INDUCTOR-SMD;8.2uH,10%,2012	
.....6 R953	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608		.....6 T0568	3301-001324	BEAD-SMD;-15,-,600,TP,-,0.1	
.....6 R917	2007-000076	R-CHIP:330ohm,5%,1/10W,TP,1608		.....6 T0568	3301-001324	BEAD-SMD;-15,-,600,TP,-,0.1	
.....6 R911	2007-000076	R-CHIP:330ohm,5%,1/10W,TP,1608		.....6 T0568	3301-001324	BEAD-SMD;-15,-,600,TP,-,0.1	
.....6 R963	2007-000077	R-CHIP:470ohm,5%,1/10W,TP,1608		.....6 T0568	3301-001324	BEAD-SMD;-15,-,600,TP,-,0.1	
.....6 R901	2007-000077	R-CHIP:470ohm,5%,1/10W,TP,1608		.....6 T0568	3301-001324	BEAD-SMD;-15,-,600,TP,-,0.1	
.....6 R930	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		.....6 T0568	3301-001324	BEAD-SMD;-15,-,600,TP,-,0.1	
.....6 R933	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		.....6 R945	2007-000122	R-CHIP:1.2Kohm,5%,1/10W,TP,1608	
.....6 R936	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		.....6 R946	2007-000122	R-CHIP:1.2Kohm,5%,1/10W,TP,1608	
.....6 R974	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		.....6 R948	2007-000122	R-CHIP:1.2Kohm,5%,1/10W,TP,1608	
.....6 R905	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		.....6 R949	2007-000122	R-CHIP:1.2Kohm,5%,1/10W,TP,1608	
.....6 R921	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		.....6 R950	2007-000122	R-CHIP:1.2Kohm,5%,1/10W,TP,1608	
.....6 R924	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		.....6 R951	2007-000122	R-CHIP:1.2Kohm,5%,1/10W,TP,1608	
.....6 R925	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		.....6 PCB	AA41-00599B	PCB-MICOM;HCM4215W,FR,4,2L,B,1.6T,180X24	S.N.A
.....6 R915	2007-000081	R-CHIP:2.7Kohm,5%,1/10W,TP,1608		.....6	0202-001167	SOLDER-CREAM;RX3603-2330HO,S45A,PASTE,SN	S.N.A
.....6 R912	2007-000081	R-CHIP:2.7Kohm,5%,1/10W,TP,1608		.....6 IC112	1103-001314	IC-EEPROM;AT24C16A,2048x8Bit,SOIC,8P,5.0	
.....6 R958	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608		.....4 IC808	BP96-00020G	ASSY HEAT SINK P-AA62-00045B,TAPTITE,Si-	S.N.A
.....6 R971	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608		.....5 CIS	0205-000129	GREASE-SILICON;SC102,JAPAN	S.N.A
.....6 R976	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608		.....5 T0081	6003-000334	SCREW-TAPTITE;RH,+,2S,M3,L6,ZPC(YEL),SWR	
.....6 R978	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608		.....5 CIS	AA62-00045B	HEAT SINK-COMMANDO,AL1050,T1.0,H45.0	S.N.A
.....6 R955	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608		.....5 IC012	1203-000203	IC-POSI,ADJUST REG.;3050,TO-220,5P,-,PLA	
.....6 R903	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608		.....4	BP97-00016A	ASSY ROBOT;SP43T6HPX,J54A	S.N.A
.....6 R904	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608		.....5 IC012	1203-000165	IC-POSI,ADJUST REG.;78R12,TO-220,4P,-,PL	
.....6 R906	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608		.....5 CN906	3711-003641	CONNECTOR-HEADER;BOX,12P,1R,2.5mm,STRAIG	
.....6 R908	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608		.....5 CN906	3711-003973	CONNECTOR-HEADER;BOX,11P,1R,2.5mm,STRAIG	
.....6 R927	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608		.....5 CN906	3711-003975	CONNECTOR-HEADER;BOX,14P,1R,2.5mm,STRAIG	
.....6 R928	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608		.....5 TU03	AA40-00083A	TUNER-TCLS3101PD16A(S),PAL B/G,D/K,I,M,1	
.....6 R954	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608		.....5	BP97-00061A	ASSY AUTO;SP43T6HPX,J54A	S.N.A
.....6 R934	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608		.....6 D609	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
.....6 R985	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608		.....6 D608	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
.....6 R986	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608		.....6 D607	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
.....6 R957	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608		.....6 D601	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
.....6 R944	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608		.....6 D604	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
.....6 R919	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608		.....6 D605	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
.....6 R987	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608		.....6 T0083	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
.....6 R926	2007-000097	R-CHIP:47Kohm,5%,1/10W,TP,1608		.....6 DZ016	0403-000700	DIODE-ZENER;TZP33A,33V,31-35V,1W,DO-41,T	
.....6 R975	2007-000121	R-CHIP:820ohm,5%,1/10W,TP,1608		.....6 DZ016	0403-001039	DIODE-ZENER;MA2560,56V,52-60V,1W,DO-41,T	
.....6 R941	2007-000123	R-CHIP:1.5Kohm,5%,1/10W,TP,1608		.....6 DZ016	0403-001319	DIODE-ZENER;MTZJ4.7C,4.68-4.93V,500mW,DO	
.....6 R914	2007-000123	R-CHIP:1.5Kohm,5%,1/10W,TP,1608		.....6 DZ016	0403-001325	DIODE-ZENER;MTZJ15C,14.35-15.09V,500mW,D	
.....6 R962	2007-000583	R-CHIP:22Kohm,1%,1/10W,TP,1608		.....6 T0156	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
.....6 R966	2007-000710	R-CHIP:3.9Kohm,5%,1/8W,TP,2012		.....6 T0156	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
.....6 R961	2007-000939	R-CHIP:47Kohm,1%,1/10W,TP,1608		.....6 T0156	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
.....6 C927	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012		.....6 R125	2001-000007	R-CARBON;3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....6 C926	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012		.....6 R125	2001-000008	R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....6 C925	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012		.....6 R810	2001-000066	R-CARBON(S);10KOHM,5%,1/2W,AA,TP,2.4X6.4	
.....6 C928	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012		.....6 R808	2001-000066	R-CARBON(S);10KOHM,5%,1/2W,AA,TP,2.4X6.4	
.....6 C929	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012		.....6 R811	2001-000107	R-CARBON(S);15KOHM,5%,1/2W,AA,TP,2.4X6.4	
.....6 C932	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012		.....6 R805	2001-000109	R-CARBON(S);470OHM,5%,1/2W,AA,TP,2.4X6.4	
.....6 C907	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012		.....6 R125	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....6 C914	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012		.....6 R125	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....6 C916	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012		.....6 R125	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....6 C919	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012		.....6 R125	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....6 C920	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012		.....6 R125	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....6 C924	2203-000181	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,2012		.....6 R125	2001-000331	R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....6 C931	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,TP,1608		.....6 R125	2001-000508	R-CARBON;220KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....6 C951	2203-000221	C-CER,CHIP;100nF,20%,50V,Y5V,TP,3216		.....6 R125	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....6 C937	2203-000236	C-CER,CHIP;0.1nF,5%,50V,COG,TP,1608		.....6 R125	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....6 C935	2203-000236	C-CER,CHIP;0.1nF,5%,50V,COG,TP,1608		.....6 R125	2001-000660	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....6 C934	2203-000236	C-CER,CHIP;0.1nF,5%,50V,COG,TP,1608		.....6 R125	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....6 C933	2203-000236	C-CER,CHIP;0.1nF,5%,50V,COG,TP,1608		.....6 R125	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....6 C909	2203-000260	C-CER,CHIP;10nF,10%,50V,X7R,TP,2012		.....6 R125	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....6 C903	2203-000357	C-CER,CHIP;0.15nF,5%,50V,COG,TP,1608		.....6 R125	2001-000739	R-CARBON;4.7MOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....6 C906	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,TP,1608,-		.....6 R125	2001-000739	R-CARBON;4.7MOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....6 C902	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,TP,1608,-		.....6 R125	2001-000739	R-CARBON;4.7MOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....6 C905	2203-000444	C-CER,CHIP;1nF,10%,50V,X7R,TP,2012,-		.....6 R125	2001-000739	R-CARBON;4.7MOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....6 C910	2203-000748	C-CER,CHIP;0.03nF,5%,50V,COG,TP,2012		.....6 R125	2001-000739	R-CARBON;4.7MOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....6 C901	2203-000748	C-CER,CHIP;0.03nF,5%,50V,COG,TP,2012		.....6 R125	2001-000780	R-CARBON;470OHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....6 C922	2203-005809	C-CER,CHIP;100nF,10%,16V,X7R,TP,2012(T1		.....6 R125	2001-000780	R-CARBON;470OHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....6 C950	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4		.....6 R125	2001-000812	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....6 C936	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4		.....6 R125	2001-000812	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....6 C921	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4		.....6 R125	2001-000812	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....6 C918	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4		.....6 R125	2001-001000	R-CARBON;82KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
.....6 C915	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4		.....6 R801	2001-001077	R-CARBON(S);150OHM,5%,1/2W,AA,TP,2.4X6.4	
.....6 C913	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4		.....6 R681	2001-001146	R-CARBON(S);4.7OHM,5%,1/2W,AA,TP,2.4X6.4	

Electrical Parts List

Loc. No.	Code No.	Description ; Specification	Remark	Loc. No.	Code No.	Description ; Specification	Remark
.....6 R682	2001-001146	R-CARBON(S);4.7OHM,5%,1/2W,AA,TP,2.4X6.4		.....6 C701	2401-002009	C-AL:100uF,20%,16V,GP,TP,6.3x7.5	
.....6 R814	2003-001098	R-METAL OXIDE(S);22Kohm,5%,3W,AA,TP,6x16		.....6 C701	2401-002144	C-AL:47uF,20%,16V,GP,TP,5x11.5	
.....6 R024	2004-001390	R-METAL(S);1Kohm,2%,1/2W,AA,TP,2.4x6.4mm		.....6 C701	2401-002300	C-AL:47uF,20%,50V,GP,TP,6.3x11.5	
.....6 R024	2004-001390	R-METAL(S);1Kohm,2%,1/2W,AA,TP,2.4x6.4mm		.....6 C701	2401-002300	C-AL:47uF,20%,50V,GP,TP,6.3x11.5	
.....6 R024	2004-001970	R-METAL(S);1.8Kohm,1%,1/2W,AA,TP,6.5x2.5		.....6 C701	2401-002459	C-AL:220uF,20%,25V,LZ,TP,10x16.5	
.....6 R024	2004-001970	R-METAL(S);1.8Kohm,1%,1/2W,AA,TP,6.5x2.5		.....6 C701	2401-002459	C-AL:220uF,20%,25V,LZ,TP,10x16.5	
.....6 R024	2004-001970	R-METAL(S);1.8Kohm,1%,1/2W,AA,TP,6.5x2.5		.....6 C701	2401-002459	C-AL:220uF,20%,25V,LZ,TP,10x16.5	
.....6 R024	2004-001970	R-METAL(S);1.8Kohm,1%,1/2W,AA,TP,6.5x2.5		.....6 C701	2401-002463	C-AL:470uF,20%,16V,GP,TP,8x11.5,5	
.....6 C695	2301-000192	C-FILM,LEAD-PEF;		.....6 C701	2401-002463	C-AL:470uF,20%,16V,GP,TP,8x11.5,5	
.....6 C694	2301-000192	C-FILM,LEAD-PEF;		.....6 C701	2401-002619	C-AL:47uF,20%,25V,GP,TP,5x11.5	
.....6 C689	2305-000665	C-FILM,LEAD-PEF;		.....6 C701	2401-002619	C-AL:47uF,20%,25V,GP,TP,5x11.5	
.....6 C687	2305-000665	C-FILM,LEAD-PEF;		.....6 C701	2401-002619	C-AL:47uF,20%,25V,GP,TP,5x11.5	
.....6 C682	2305-000665	C-FILM,LEAD-PEF;		.....6 C701	2401-002619	C-AL:47uF,20%,25V,GP,TP,5x11.5	
.....6 C701	2401-002075	C-AL:4.7uF,20%,50V,GP,TP,5x11.5		.....6 C701	2401-002619	C-AL:47uF,20%,25V,GP,TP,5x11.5	
.....6 C701	2401-002075	C-AL:4.7uF,20%,50V,GP,TP,5x11.5		.....6 C701	2401-003578	C-AL:1000uF,20%,10V,GP,TP,8x20mm,5	
.....6 C701	2401-002075	C-AL:4.7uF,20%,50V,GP,TP,5x11.5		.....6 C701	2401-003578	C-AL:1000uF,20%,10V,GP,TP,8x20mm,5	
.....6 C701	2401-000039	C-AL:1000uF,20%,16V,GP,TP,10x16.5		.....6 C701	2401-003578	C-AL:1000uF,20%,10V,GP,TP,8x20mm,5	
.....6 C701	2401-000039	C-AL:1000uF,20%,16V,GP,TP,10x16.5		.....6 C701	2401-003578	C-AL:1000uF,20%,10V,GP,TP,8x20mm,5	
.....6 C701	2401-000192	C-AL:1000uF,20%,50V,GP,TP,16x25,7,5		.....6 L105	2701-000106	INDUCTOR-AXIAL:1.5uH,10%,3070	
.....6 C701	2401-000192	C-AL:1000uF,20%,50V,GP,TP,16x25,7,5		.....6 L118	2701-000114	INDUCTOR-AXIAL:10uH,10%,2534	
.....6 C701	2401-000302	C-AL:100uF,20%,25V,GP,TP,6.3x11.5		.....6 L117	2701-000114	INDUCTOR-AXIAL:10uH,10%,2534	
.....6 C701	2401-000302	C-AL:100uF,20%,25V,GP,TP,6.3x11.5		.....6 L116	2701-000114	INDUCTOR-AXIAL:10uH,10%,2534	
.....6 C701	2401-000360	C-AL:100uF,20%,50V,GP,TP,8x11.5,5		.....6 L115	2701-000114	INDUCTOR-AXIAL:10uH,10%,2534	
.....6 C701	2401-000360	C-AL:100uF,20%,50V,GP,TP,8x11.5,5		.....6 L121	2701-000114	INDUCTOR-AXIAL:10uH,10%,2534	
.....6 C701	2401-000360	C-AL:100uF,20%,50V,GP,TP,8x11.5,5		.....6 L122	2701-000114	INDUCTOR-AXIAL:10uH,10%,2534	
.....6 C701	2401-000471	C-AL:10uF,20%,50V,BP,TP,5x11,5mm		.....6 L107	2701-000114	INDUCTOR-AXIAL:10uH,10%,2534	
.....6 C701	2401-000480	C-AL:10uF,20%,50V,GP,TP,5x11,5		.....6 L108	2701-000114	INDUCTOR-AXIAL:10uH,10%,2534	
.....6 C701	2401-000480	C-AL:10uF,20%,50V,GP,TP,5x11,5		.....6 L109	2701-000114	INDUCTOR-AXIAL:10uH,10%,2534	
.....6 C701	2401-000480	C-AL:10uF,20%,50V,GP,TP,5x11,5		.....6 L110	2701-000114	INDUCTOR-AXIAL:10uH,10%,2534	
.....6 C701	2401-000480	C-AL:10uF,20%,50V,GP,TP,5x11,5		.....6 L114	2701-000114	INDUCTOR-AXIAL:10uH,10%,2534	
.....6 C701	2401-000480	C-AL:10uF,20%,50V,GP,TP,5x11,5		.....6 L113	2701-000114	INDUCTOR-AXIAL:10uH,10%,2534	
.....6 C701	2401-000480	C-AL:10uF,20%,50V,GP,TP,5x11,5		.....6 L112	2701-000114	INDUCTOR-AXIAL:10uH,10%,2534	
.....6 C701	2401-000480	C-AL:10uF,20%,50V,GP,TP,5x11,5		.....6 L111	2701-000114	INDUCTOR-AXIAL:10uH,10%,2534	
.....6 C701	2401-000480	C-AL:10uF,20%,50V,GP,TP,5x11,5		.....6 L128	2701-000114	INDUCTOR-AXIAL:10uH,10%,2534	
.....6 C701	2401-000480	C-AL:10uF,20%,50V,GP,TP,5x11,5		.....6 L129	2701-000114	INDUCTOR-AXIAL:10uH,10%,2534	
.....6 C701	2401-000480	C-AL:10uF,20%,50V,GP,TP,5x11,5		.....6 L703	2701-000115	INDUCTOR-AXIAL:10uH,10%,3070	
.....6 C701	2401-000480	C-AL:10uF,20%,50V,GP,TP,5x11,5		.....6 L127	2701-000115	INDUCTOR-AXIAL:10uH,10%,3070	
.....6 C701	2401-000480	C-AL:10uF,20%,50V,GP,TP,5x11,5		.....6 L106	2701-000115	INDUCTOR-AXIAL:10uH,10%,3070	
.....6 C701	2401-000480	C-AL:10uF,20%,50V,GP,TP,5x11,5		.....6 L104	2701-000115	INDUCTOR-AXIAL:10uH,10%,3070	
.....6 C701	2401-000480	C-AL:10uF,20%,50V,GP,TP,5x11,5		.....6 L101	2701-000115	INDUCTOR-AXIAL:10uH,10%,3070	
.....6 C701	2401-000480	C-AL:10uF,20%,50V,GP,TP,5x11,5		.....6 L706	2701-001030	INDUCTOR-AXIAL:43uH,10%,4514	
.....6 C701	2401-000480	C-AL:10uF,20%,50V,GP,TP,5x11,5		.....6 L705	2701-001030	INDUCTOR-AXIAL:43uH,10%,4514	
.....6 C701	2401-000480	C-AL:10uF,20%,50V,GP,TP,5x11,5		.....6 L102	2701-001040	INDUCTOR-AXIAL:10uH,10%,4514	
.....6 C701	2401-000480	C-AL:10uF,20%,50V,GP,TP,5x11,5		.....6 L606	3301-000287	BEAD-AXIAL:3.5x1.0x6.0mm,1500,2400G	
.....6 C701	2401-000480	C-AL:10uF,20%,50V,GP,TP,5x11,5		.....6 L605	3301-000287	BEAD-AXIAL:3.5x1.0x6.0mm,1500,2400G	
.....6 C701	2401-000603	C-AL:1uF,20%,50V,GP,TP,5X11,2		.....6 GT04	AA60-40014A	PIN-GT,ASSY:AUTO	S.N.A
.....6 C701	2401-000603	C-AL:1uF,20%,50V,GP,TP,5X11,2		.....6 GT03	AA60-40014A	PIN-GT,ASSY:AUTO	S.N.A
.....6 C701	2401-000603	C-AL:1uF,20%,50V,GP,TP,5X11,2		.....6 GT02	AA60-40014A	PIN-GT,ASSY:AUTO	S.N.A
.....6 C701	2401-000603	C-AL:1uF,20%,50V,GP,TP,5X11,2		.....6 GT01	AA60-40014A	PIN-GT,ASSY:AUTO	S.N.A
.....6 C701	2401-000603	C-AL:1uF,20%,50V,GP,TP,5X11,2		.....6	BP97-00044A	ASSY SMD:SP43T6HPX,J54A	S.N.A
.....6 C701	2401-000832	C-AL:220uF,20%,25V,GP,TP,8x11.5,5		.....7DZ016	0403-000314	DIODE-ZENER:RLZJ9.1B,8.80-9.30V,500MW,LL	
.....6 C701	2401-000962	C-AL:22uF,20%,50V,GP,TP,5x11,5		.....7DZ016	0403-000314	DIODE-ZENER:RLZJ9.1B,8.80-9.30V,500MW,LL	
.....6 C701	2401-000962	C-AL:22uF,20%,50V,GP,TP,5x11,5		.....7DZ016	0403-000314	DIODE-ZENER:RLZJ9.1B,8.80-9.30V,500MW,LL	
.....6 C701	2401-000962	C-AL:22uF,20%,50V,GP,TP,5x11,5		.....7DZ016	0403-000314	DIODE-ZENER:RLZJ9.1B,8.80-9.30V,500MW,LL	
.....6 C701	2401-000962	C-AL:22uF,20%,50V,GP,TP,5x11,5		.....7DZ016	0403-000314	DIODE-ZENER:RLZJ9.1B,8.80-9.30V,500MW,LL	
.....6 C701	2401-000962	C-AL:22uF,20%,50V,GP,TP,5x11,5		.....7DZ016	0403-000314	DIODE-ZENER:RLZJ9.1B,8.80-9.30V,500MW,LL	
.....6 C701	2401-000962	C-AL:22uF,20%,50V,GP,TP,5x11,5		.....7DZ016	0403-000314	DIODE-ZENER:RLZJ9.1B,8.80-9.30V,500MW,LL	
.....6 C701	2401-000962	C-AL:22uF,20%,50V,GP,TP,5x11,5		.....7DZ016	0403-000314	DIODE-ZENER:RLZJ9.1B,8.80-9.30V,500MW,LL	
.....6 C701	2401-000962	C-AL:22uF,20%,50V,GP,TP,5x11,5		.....7DZ016	0403-000620	DIODE-ZENER:RLZ5.6B,5.6,500mW,LL-34,TP	
.....6 C701	2401-000962	C-AL:22uF,20%,50V,GP,TP,5x11,5		.....7DZ016	0403-001016	DIODE-ZENER:RLZ6.2B,5.96-6.27V,500MW,LL	
.....6 C701	2401-000962	C-AL:22uF,20%,50V,GP,TP,5x11,5		.....7DZ016	0403-001016	DIODE-ZENER:RLZ6.2B,5.96-6.27V,500MW,LL	
.....6 C701	2401-000962	C-AL:22uF,20%,50V,GP,TP,5x11,5		.....7DZ016	0403-001016	DIODE-ZENER:RLZ6.2B,5.96-6.27V,500MW,LL	
.....6 C701	2401-000962	C-AL:22uF,20%,50V,GP,TP,5x11,5		.....7DZ016	0403-001016	DIODE-ZENER:RLZ6.2B,5.96-6.27V,500MW,LL	
.....6 C701	2401-000962	C-AL:22uF,20%,50V,GP,TP,5x11,5		.....7DZ016	0403-001016	DIODE-ZENER:RLZ6.2B,5.96-6.27V,500MW,LL	
.....6 C701	2401-000962	C-AL:22uF,20%,50V,GP,TP,5x11,5		.....7DZ016	0403-001016	DIODE-ZENER:RLZ6.2B,5.96-6.27V,500MW,LL	
.....6 C701	2401-000962	C-AL:22uF,20%,50V,GP,TP,5x11,5		.....7DZ016	0403-001016	DIODE-ZENER:RLZ6.2B,5.96-6.27V,500MW,LL	
.....6 C701	2401-000962	C-AL:22uF,20%,50V,GP,TP,5x11,5		.....7DZ016	0403-001117	DIODE-ZENER:RLZ12B,5%,500mW,LL-34,TP	
.....6 C701	2401-000962	C-AL:22uF,20%,50V,GP,TP,5x11,5		.....7DZ016	0403-001117	DIODE-ZENER:RLZ12B,5%,500mW,LL-34,TP	
.....6 C701	2401-001192	C-AL:33uF,20%,50V,GP,TP,6.3x11,5		.....7T0156	0501-000344	TR-SMALL SIGNAL:KSC1623-G,NPN,200mW,SOT-	
.....6 C701	2401-001261	C-AL:4.7uF,20%,50V,BP,TP,5x11mm,5mm		.....7T0156	0501-000344	TR-SMALL SIGNAL:KSC1623-G,NPN,200mW,SOT-	
.....6 C701	2401-001261	C-AL:4.7uF,20%,50V,BP,TP,5x11mm,5mm		.....7T0156	0501-000344	TR-SMALL SIGNAL:KSC1623-G,NPN,200mW,SOT-	
.....6 C701	2401-001397	C-AL:470uF,20%,25V,GP,TP,10x16,5		.....7T0156	0501-000344	TR-SMALL SIGNAL:KSC1623-G,NPN,200mW,SOT-	
.....6 C701	2401-000025	C-AL:100uF,20%,16V,GP,TP,6.3x11,5		.....7T0156	0501-000344	TR-SMALL SIGNAL:KSC1623-G,NPN,200mW,SOT-	
.....6 C701	2401-000025	C-AL:100uF,20%,16V,GP,TP,6.3x11,5		.....7T0156	0501-000344	TR-SMALL SIGNAL:KSC1623-G,NPN,200mW,SOT-	
.....6 C701	2401-000025	C-AL:100uF,20%,16V,GP,TP,6.3x11,5		.....7T0156	0501-000344	TR-SMALL SIGNAL:KSC1623-G,NPN,200mW,SOT-	
.....6 C701	2401-000025	C-AL:100uF,20%,16V,GP,TP,6.3x11,5		.....7T0156	0501-000344	TR-SMALL SIGNAL:KSC1623-G,NPN,200mW,SOT-	

Electrical Parts List

Loc. No.	Code No.	Description ; Specification	Remark	Loc. No.	Code No.	Description ; Specification	Remark
.....7R719	2007-001167	R-CHIP:75ohm,5%,1/10W,TP,1608		.....7C703	2203-005590	C-CER,CHIP:330NF,10%,16V,X7R,TP,2012	
.....7R721	2007-001167	R-CHIP:75ohm,5%,1/10W,TP,1608		.....7C603	2203-005590	C-CER,CHIP:330NF,10%,16V,X7R,TP,2012	
.....7R714	2007-001167	R-CHIP:75ohm,5%,1/10W,TP,1608		.....7C701	2203-005590	C-CER,CHIP:330NF,10%,16V,X7R,TP,2012	
.....7R713	2007-001167	R-CHIP:75ohm,5%,1/10W,TP,1608		.....7C702	2203-005590	C-CER,CHIP:330NF,10%,16V,X7R,TP,2012	
.....7R712	2007-001167	R-CHIP:75ohm,5%,1/10W,TP,1608		.....7L701	2703-000398	INDUCTOR-SMD:10uH,10%,3225	
.....7R710	2007-001167	R-CHIP:75ohm,5%,1/10W,TP,1608		.....7L707	2703-000398	INDUCTOR-SMD:10uH,10%,3225	
.....7R723	2007-001167	R-CHIP:75ohm,5%,1/10W,TP,1608		.....7L708	2703-000398	INDUCTOR-SMD:10uH,10%,3225	
.....7R799	2007-001167	R-CHIP:75ohm,5%,1/10W,TP,1608		.....7L901	2703-000398	INDUCTOR-SMD:10uH,10%,3225	
.....7R792	2007-001167	R-CHIP:75ohm,5%,1/10W,TP,1608		.....7L902	2703-000398	INDUCTOR-SMD:10uH,10%,3225	
.....7R789	2007-001167	R-CHIP:75ohm,5%,1/10W,TP,1608		.....7L604	2703-000398	INDUCTOR-SMD:10uH,10%,3225	
.....7R731	2007-001167	R-CHIP:75ohm,5%,1/10W,TP,1608		.....7L125	2703-000398	INDUCTOR-SMD:10uH,10%,3225	
.....7R729	2007-001167	R-CHIP:75ohm,5%,1/10W,TP,1608		.....7L126	2703-000398	INDUCTOR-SMD:10uH,10%,3225	
.....7R727	2007-001167	R-CHIP:75ohm,5%,1/10W,TP,1608		.....7L601	2703-000398	INDUCTOR-SMD:10uH,10%,3225	
.....7R726	2007-001167	R-CHIP:75ohm,5%,1/10W,TP,1608		.....7L602	2703-000398	INDUCTOR-SMD:10uH,10%,3225	
.....7R725	2007-001167	R-CHIP:75ohm,5%,1/10W,TP,1608		.....7L603	2703-000398	INDUCTOR-SMD:10uH,10%,3225	
.....7R702	2007-001167	R-CHIP:75ohm,5%,1/10W,TP,1608		.....7T0568	3301-001324	BEAD-SMD:-,15,-,600,TP,-,0.1	
.....7R121	2007-001167	R-CHIP:75ohm,5%,1/10W,TP,1608		.....7C705	2203-000206	C-CER,CHIP:100nF,10%,50V,X7R,TP,2012	
.....7R120	2007-001167	R-CHIP:75ohm,5%,1/10W,TP,1608		.....7C602	2203-000206	C-CER,CHIP:100nF,10%,50V,X7R,TP,2012	
.....7R119	2007-001167	R-CHIP:75ohm,5%,1/10W,TP,1608		.....7C619	2203-000206	C-CER,CHIP:100nF,10%,50V,X7R,TP,2012	
.....7R118	2007-001167	R-CHIP:75ohm,5%,1/10W,TP,1608		.....7C634	2203-000206	C-CER,CHIP:100nF,10%,50V,X7R,TP,2012	
.....7R701	2007-001167	R-CHIP:75ohm,5%,1/10W,TP,1608		.....7C641	2203-000206	C-CER,CHIP:100nF,10%,50V,X7R,TP,2012	
.....7R174	2007-001167	R-CHIP:75ohm,5%,1/10W,TP,1608		.....7C651	2203-000206	C-CER,CHIP:100nF,10%,50V,X7R,TP,2012	
.....7R173	2007-001167	R-CHIP:75ohm,5%,1/10W,TP,1608		.....7C657	2203-000206	C-CER,CHIP:100nF,10%,50V,X7R,TP,2012	
.....7R141	2007-001167	R-CHIP:75ohm,5%,1/10W,TP,1608		.....7C663	2203-000206	C-CER,CHIP:100nF,10%,50V,X7R,TP,2012	
.....7R138	2007-001167	R-CHIP:75ohm,5%,1/10W,TP,1608		.....7C707	2203-000206	C-CER,CHIP:100nF,10%,50V,X7R,TP,2012	
.....7R139	2007-001167	R-CHIP:75ohm,5%,1/10W,TP,1608		.....7C709	2203-000206	C-CER,CHIP:100nF,10%,50V,X7R,TP,2012	
.....7R613	2007-001179	R-CHIP:8.2Kohm,5%,1/10W,TP,1608		.....7C721	2203-000206	C-CER,CHIP:100nF,10%,50V,X7R,TP,2012	
.....7R606	2007-001179	R-CHIP:8.2Kohm,5%,1/10W,TP,1608		.....7C722	2203-000206	C-CER,CHIP:100nF,10%,50V,X7R,TP,2012	
.....7C829	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012		.....7C804	2203-000206	C-CER,CHIP:100nF,10%,50V,X7R,TP,2012	
.....7C828	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012		.....7C805	2203-000206	C-CER,CHIP:100nF,10%,50V,X7R,TP,2012	
.....7C825	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012		.....7C807	2203-000206	C-CER,CHIP:100nF,10%,50V,X7R,TP,2012	
.....7C820	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012		.....7C810	2203-000206	C-CER,CHIP:100nF,10%,50V,X7R,TP,2012	
.....7C821	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012		.....7C811	2203-000206	C-CER,CHIP:100nF,10%,50V,X7R,TP,2012	
.....7C824	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012		.....7C814	2203-000206	C-CER,CHIP:100nF,10%,50V,X7R,TP,2012	
.....7C140	2203-000236	C-CER,CHIP:0.1nF,5%,50V,COG,TP,1608		.....7C815	2203-000206	C-CER,CHIP:100nF,10%,50V,X7R,TP,2012	
.....7C131	2203-000236	C-CER,CHIP:0.1nF,5%,50V,COG,TP,1608		.....7C818	2203-000206	C-CER,CHIP:100nF,10%,50V,X7R,TP,2012	
.....7C130	2203-000236	C-CER,CHIP:0.1nF,5%,50V,COG,TP,1608		.....7C833	2203-000206	C-CER,CHIP:100nF,10%,50V,X7R,TP,2012	
.....7C129	2203-000236	C-CER,CHIP:0.1nF,5%,50V,COG,TP,1608		.....7C835	2203-000206	C-CER,CHIP:100nF,10%,50V,X7R,TP,2012	
.....7C128	2203-000236	C-CER,CHIP:0.1nF,5%,50V,COG,TP,1608		.....7C902	2203-000206	C-CER,CHIP:100nF,10%,50V,X7R,TP,2012	
.....7C661	2203-000236	C-CER,CHIP:0.1nF,5%,50V,COG,TP,1608		.....7C904	2203-000206	C-CER,CHIP:100nF,10%,50V,X7R,TP,2012	
.....7C660	2203-000236	C-CER,CHIP:0.1nF,5%,50V,COG,TP,1608		.....7C101	2203-000257	C-CER,CHIP:10nF,10%,50V,X7R,TP,1608	
.....7C146	2203-000236	C-CER,CHIP:0.1nF,5%,50V,COG,TP,1608		.....7C105	2203-000257	C-CER,CHIP:10nF,10%,50V,X7R,TP,1608	
.....7C145	2203-000236	C-CER,CHIP:0.1nF,5%,50V,COG,TP,1608		.....7C109	2203-000257	C-CER,CHIP:10nF,10%,50V,X7R,TP,1608	
.....7C141	2203-000236	C-CER,CHIP:0.1nF,5%,50V,COG,TP,1608		.....7C110	2203-000257	C-CER,CHIP:10nF,10%,50V,X7R,TP,1608	
.....7C118	2203-000236	C-CER,CHIP:0.1nF,5%,50V,COG,TP,1608		.....7C112	2203-000257	C-CER,CHIP:10nF,10%,50V,X7R,TP,1608	
.....7C117	2203-000236	C-CER,CHIP:0.1nF,5%,50V,COG,TP,1608		.....7C717	2203-000257	C-CER,CHIP:10nF,10%,50V,X7R,TP,1608	
.....7C116	2203-000236	C-CER,CHIP:0.1nF,5%,50V,COG,TP,1608		.....7IC602	1204-002048	IC-SOUND PROCESSOR:MSP3411G-OA-B8V3,PQFP	
.....7C115	2203-000236	C-CER,CHIP:0.1nF,5%,50V,COG,TP,1608		.....7R115	2007-000309	R-CHIP:10ohm,5%,1/10W,TP,1608	
.....7C114	2203-000236	C-CER,CHIP:0.1nF,5%,50V,COG,TP,1608		.....7R176	2007-000080	R-CHIP:2Kohm,5%,1/10W,TP,1608	
.....7C121	2203-000236	C-CER,CHIP:0.1nF,5%,50V,COG,TP,1608		.....7R190	2007-000080	R-CHIP:2Kohm,5%,1/10W,TP,1608	
.....7C120	2203-000236	C-CER,CHIP:0.1nF,5%,50V,COG,TP,1608		.....7C727	2007-000029	R-CHIP:0ohm,5%,1/8W,TP,2012	
.....7C119	2203-000236	C-CER,CHIP:0.1nF,5%,50V,COG,TP,1608		.....7PCB	AA41-00809B	PCB-MAIN:SP42W5,FR,4,2L,B,1.6T,245X245,P	S.N.A
.....7C148	2203-000236	C-CER,CHIP:0.1nF,5%,50V,COG,TP,1608		.....7	0202-001167	SOLDER-CREAM:RX3603-2330HO,S45A,PASTE,SN S.N.A	
.....7C149	2203-000236	C-CER,CHIP:0.1nF,5%,50V,COG,TP,1608		.....6 CN906	3711-002642	CONNECTOR-HEADER:BOX,3P,1R,2.5mm,STRAIGH	
.....7C654	2203-000332	C-CER,CHIP:0.012nF,5%,50V,COG,TP,1608		.....6 CN906	3711-002643	CONNECTOR-HEADER:BOX,4P,1R,2.5mm,STRAIGH	
.....7C653	2203-000332	C-CER,CHIP:0.012nF,5%,50V,COG,TP,1608		.....6 CN906	3711-002645	CONNECTOR-HEADER:BOX,6P,1R,2.5mm,STRAIGH	
.....7C614	2203-000440	C-CER,CHIP:1nF,10%,50V,X7R,TP,1608,-		.....6 R674	2001-001103	R-CARBON(S):20KOHM,5%,1/2W,AA,TP,2.4X6.4	
.....7C613	2203-000440	C-CER,CHIP:1nF,10%,50V,X7R,TP,1608,-		.....6 R677	2001-001103	R-CARBON(S):20KOHM,5%,1/2W,AA,TP,2.4X6.4	
.....7C611	2203-000440	C-CER,CHIP:1nF,10%,50V,X7R,TP,1608,-		....4 T0093	BP95-00153A	ASSY SUB PCB-CONV MOD:J54A,C1.5	
.....7C608	2203-000440	C-CER,CHIP:1nF,10%,50V,X7R,TP,1608,-		.....5	0202-000187	SOLDER-WIRE FLUX:-,RS60S,D1,2.63Sn/37Pb	S.N.A
.....7C606	2203-000440	C-CER,CHIP:1nF,10%,50V,X7R,TP,1608,-		.....5 L01	2701-001030	INDUCTOR-AXIAL:43uH,10%,4514	
.....7C605	2203-000440	C-CER,CHIP:1nF,10%,50V,X7R,TP,1608,-		.....5 CN902	3703-001124	CONNECTOR-BACK PANEL:32P,2R,MALE,ANGLE,A	
.....7C659	2203-001071	C-CER,CHIP:0.056nF,5%,50V,COG,TP,1608		.....5 CN906	3711-003601	CONNECTOR-HEADER:BOX,12P,1R,2.5mm,ANGLE,	
.....7C658	2203-001071	C-CER,CHIP:0.056nF,5%,50V,COG,TP,1608		.....5	AA97-14194A	ASSY SMD:,PAL	S.N.A
.....7C655	2203-001071	C-CER,CHIP:0.056nF,5%,50V,COG,TP,1608		.....6	0202-001167	SOLDER-CREAM:RX3603-2330HO,S45A,PASTE,SN S.N.A	
.....7C638	2203-001211	C-CER,CHIP:8.2nF,10%,50V,X7R,TP,1608,-		.....6 D13	0401-000160	DIODE-SWITCHING:ISS314,30V,100mA,USC,TP	
.....7C637	2203-001211	C-CER,CHIP:8.2nF,10%,50V,X7R,TP,1608,-		.....6 D12	0401-000160	DIODE-SWITCHING:ISS314,30V,100mA,USC,TP	
.....7C636	2203-001211	C-CER,CHIP:8.2nF,10%,50V,X7R,TP,1608,-		.....6 D11	0401-000160	DIODE-SWITCHING:ISS314,30V,100mA,USC,TP	
.....7C635	2203-001211	C-CER,CHIP:8.2nF,10%,50V,X7R,TP,1608,-		.....6 D10	0401-000160	DIODE-SWITCHING:ISS314,30V,100mA,USC,TP	
.....7C713	2203-001652	C-CER,CHIP:470nF,+80-20%,16V,Y5V,TP,1608		.....6 D14	0401-000160	DIODE-SWITCHING:ISS314,30V,100mA,USC,TP	
.....7C714	2203-001652	C-CER,CHIP:470nF,+80-20%,16V,Y5V,TP,1608		.....6 D15	0401-000160	DIODE-SWITCHING:ISS314,30V,100mA,USC,TP	
.....7C715	2203-001652	C-CER,CHIP:470nF,+80-20%,16V,Y5V,TP,1608		.....6 D16	0401-000160	DIODE-SWITCHING:ISS314,30V,100mA,USC,TP	
.....7C712	2203-001652	C-CER,CHIP:470nF,+80-20%,16V,Y5V,TP,1608		.....6 D17	0401-000160	DIODE-SWITCHING:ISS314,30V,100mA,USC,TP	
.....7C711	2203-001652	C-CER,CHIP:470nF,+80-20%,16V,Y5V,TP,1608		.....6 D18	0401-000160	DIODE-SWITCHING:ISS314,30V,100mA,USC,TP	
.....7C710	2203-001652	C-CER,CHIP:470nF,+80-20%,16V,Y5V,TP,1608		.....6 D01	0401-000160	DIODE-SWITCHING:ISS314,30V,100mA,USC,TP	
.....7C708	2203-005590	C-CER,CHIP:330NF,10%,16V,X7R,TP,2012		.....6 D02	0401-000160	DIODE-SWITCHING:ISS314,30V,100mA,USC,TP	
.....7C704	2203-005590	C-CER,CHIP:330NF,10%,16V,X7R,TP,2012		.....6 D03	0401-000160	DIODE-SWITCHING:ISS314,30V,100mA,USC,TP	

Loc. No.	Code No.	Description ; Specification	Remark	Loc. No.	Code No.	Description ; Specification	Remark
.....6 D04	0401-000160	DIODE-SWITCHING:ISS314,30V,100mA,USC,TP		.....6 R110	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608	
.....6 D05	0401-000160	DIODE-SWITCHING:ISS314,30V,100mA,USC,TP		.....6 R11	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608	
.....6 D09	0401-000160	DIODE-SWITCHING:ISS314,30V,100mA,USC,TP		.....6 R101	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608	
.....6 D08	0401-000160	DIODE-SWITCHING:ISS314,30V,100mA,USC,TP		.....6 R03	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608	
.....6 D07	0401-000160	DIODE-SWITCHING:ISS314,30V,100mA,USC,TP		.....6 R39	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608	
.....6 D06	0401-000160	DIODE-SWITCHING:ISS314,30V,100mA,USC,TP		.....6 R50	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608	
.....6 DZ016	0403-001016	DIODE-ZENER:RLZ6.2B,5.96-6.27V,500MW,LL-		.....6 R44	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608	
.....6 DZ016	0403-001016	DIODE-ZENER:RLZ6.2B,5.96-6.27V,500MW,LL-		.....6 R43	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608	
.....6 DZ016	0403-001016	DIODE-ZENER:RLZ6.2B,5.96-6.27V,500MW,LL-		.....6 R42	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608	
.....6 T0156	0501-000280	TR-SMALL SIGNAL:KSA1182,PNP,150mW,SOT-23		.....6 R41	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608	
.....6 T0156	0501-000280	TR-SMALL SIGNAL:KSA1182,PNP,150mW,SOT-23		.....6 R40	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608	
.....6 T0156	0501-000342	TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT-		.....6 R128	2007-000079	R-CHIP:1.8Kohm,5%,1/10W,TP,1608	
.....6 T0156	0501-000342	TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT-		.....6 R81	2007-000080	R-CHIP:2Kohm,5%,1/10W,TP,1608	
.....6 Q409	0505-000110	FET-SILICON:2N7002,N,60V,115mA,7.5ohm,0.		.....6 R75	2007-000080	R-CHIP:2Kohm,5%,1/10W,TP,1608	
.....6 Q409	0505-000110	FET-SILICON:2N7002,N,60V,115mA,7.5ohm,0.		.....6 R69	2007-000080	R-CHIP:2Kohm,5%,1/10W,TP,1608	
.....6 Q409	0505-000110	FET-SILICON:2N7002,N,60V,115mA,7.5ohm,0.		.....6 R51	2007-000080	R-CHIP:2Kohm,5%,1/10W,TP,1608	
.....6 IC104	0801-002345	IC-CMOS LOGIC:7S04,INVERTER,SOT-353,5P4		.....6 R57	2007-000080	R-CHIP:2Kohm,5%,1/10W,TP,1608	
.....6 IC104	0801-002345	IC-CMOS LOGIC:7S04,INVERTER,SOT-353,5P4		.....6 R63	2007-000080	R-CHIP:2Kohm,5%,1/10W,TP,1608	
.....6 IC104	0801-002345	IC-CMOS LOGIC:7S04,INVERTER,SOT-353,5P4		.....6 R109	2007-000082	R-CHIP:3.3Kohm,5%,1/10W,TP,1608	
.....6 IC08	1001-000164	IC-ANALOG MULTIPLEX:74HC4052,CMOS,SOP,16		.....6 R66	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	
.....6 IC13	1001-001155	IC-ANALOG MULTIPLEX:NC7SB3157P6X,CMOS,SC		.....6 R61	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	
.....6 IC112	1103-001195	IC-EEPROM:24C64,8Kx8Bit,SOP,8P,150MIL,10		.....6 R60	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	
.....6 DU410	1201-001135	IC-OP AMP:324,SOP,ST,14P,150MIL,QUAD,100		.....6 R55	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	
.....6 DU410	1201-001504	IC-OP AMP:072,SOP,8P,150MIL,DUAL,-,PLAST		.....6 R54	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	
.....6 DU410	1201-001504	IC-OP AMP:072,SOP,8P,150MIL,DUAL,-,PLAST		.....6 R79	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	
.....6 DU410	1201-001504	IC-OP AMP:072,SOP,8P,150MIL,DUAL,-,PLAST		.....6 R78	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	
.....6 DU410	1201-001504	IC-OP AMP:072,SOP,8P,150MIL,DUAL,-,PLAST		.....6 R73	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	
.....6 T0074	1201-001520	IC-VIDEO AMP:EL2250CS,SOIC,8P,150MIL,DUA		.....6 R72	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	
.....6 IC03	1203-001824	IC-VOL DETECTOR:7042,SOT-89,3P,-,PLASTI		.....6 R67	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	
.....6 T0087	1203-002302	IC-POSIF.FIXED REG.:78RM33D,D-PAK,3P,-,PL		.....6 R49	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	
.....6 IC17	1209-001163	IC-PLL:TLC2932IPWLE,SOP,14P,-,PLASTIC		.....6 R08	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	
.....6 R36	2007-000028	R-CHIP:39ohm,5%,1/8W,TP,2012		.....6 R07	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	
.....6 R35	2007-000028	R-CHIP:39ohm,5%,1/8W,TP,2012		.....6 R06	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	
.....6 R31	2007-000028	R-CHIP:39ohm,5%,1/8W,TP,2012		.....6 R04	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	
.....6 R30	2007-000028	R-CHIP:39ohm,5%,1/8W,TP,2012		.....6 R01	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	
.....6 R143	2007-000070	R-CHIP:0ohm,5%,1/10W,TP,1608		.....6 R48	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	
.....6 R144	2007-000070	R-CHIP:0ohm,5%,1/10W,TP,1608		.....6 R133	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	
.....6 R25	2007-000070	R-CHIP:0ohm,5%,1/10W,TP,1608		.....6 R121	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	
.....6 R122	2007-000070	R-CHIP:0ohm,5%,1/10W,TP,1608		.....6 R119	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	
.....6 R123	2007-000070	R-CHIP:0ohm,5%,1/10W,TP,1608		.....6 R118	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	
.....6 R141	2007-000070	R-CHIP:0ohm,5%,1/10W,TP,1608		.....6 R86	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608	
.....6 R136	2007-000072	R-CHIP:47ohm,5%,1/10W,TP,1608		.....6 R92	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608	
.....6 R15	2007-000072	R-CHIP:47ohm,5%,1/10W,TP,1608		.....6 R93	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608	
.....6 R24	2007-000072	R-CHIP:47ohm,5%,1/10W,TP,1608		.....6 R96	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608	
.....6 R45	2007-000072	R-CHIP:47ohm,5%,1/10W,TP,1608		.....6 R97	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608	
.....6 R46	2007-000072	R-CHIP:47ohm,5%,1/10W,TP,1608		.....6 R85	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608	
.....6 R09	2007-000072	R-CHIP:47ohm,5%,1/10W,TP,1608		.....6 R113	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608	
.....6 R10	2007-000072	R-CHIP:47ohm,5%,1/10W,TP,1608		.....6 R114	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608	
.....6 R129	2007-000072	R-CHIP:47ohm,5%,1/10W,TP,1608		.....6 R115	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608	
.....6 R134	2007-000072	R-CHIP:47ohm,5%,1/10W,TP,1608		.....6 R83	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608	
.....6 R135	2007-000072	R-CHIP:47ohm,5%,1/10W,TP,1608		.....6 R84	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608	
.....6 R59	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608		.....6 R125	2007-000091	R-CHIP:12Kohm,5%,1/10W,TP,1608	
.....6 R65	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608		.....6 R05	2007-000102	R-CHIP:100Kohm,5%,1/10W,TP,1608	
.....6 R71	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608		.....6 R127	2007-000109	R-CHIP:1Mohm,5%,1/10W,TP,1608	
.....6 R77	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608		.....6 R100	2007-000118	R-CHIP:390ohm,5%,1/10W,TP,1608	
.....6 R91	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608		.....6 R32	2007-000119	R-CHIP:560ohm,5%,1/10W,TP,1608	
.....6 R53	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608		.....6 R34	2007-000122	R-CHIP:1.2Kohm,5%,1/10W,TP,1608	
.....6 R02	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608		.....6 R29	2007-000122	R-CHIP:1.2Kohm,5%,1/10W,TP,1608	
.....6 R16	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608		.....6 R28	2007-000122	R-CHIP:1.2Kohm,5%,1/10W,TP,1608	
.....6 R17	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608		.....6 R117	2007-000122	R-CHIP:1.2Kohm,5%,1/10W,TP,1608	
.....6 R20	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608		.....6 R107	2007-000122	R-CHIP:1.2Kohm,5%,1/10W,TP,1608	
.....6 R47	2007-000074	R-CHIP:100ohm,5%,1/10W,TP,1608		.....6 R33	2007-000124	R-CHIP:2.2Kohm,5%,1/10W,TP,1608	
.....6 R62	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		.....6 R120	2007-000124	R-CHIP:2.2Kohm,5%,1/10W,TP,1608	
.....6 R64	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		.....6 R90	2007-000133	R-CHIP:330Kohm,5%,1/10W,TP,1608	
.....6 R68	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		.....6 R89	2007-000133	R-CHIP:330Kohm,5%,1/10W,TP,1608	
.....6 R58	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		.....6 R88	2007-000133	R-CHIP:330Kohm,5%,1/10W,TP,1608	
.....6 R56	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		.....6 R87	2007-000133	R-CHIP:330Kohm,5%,1/10W,TP,1608	
.....6 R52	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		.....6 R108	2007-000381	R-CHIP:13Kohm,5%,1/10W,TP,1608	
.....6 R70	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		.....6 R139	2007-000402	R-CHIP:150ohm,5%,1/10W,TP,1608	
.....6 R98	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		.....6 R138	2007-000402	R-CHIP:150ohm,5%,1/10W,TP,1608	
.....6 R94	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		.....6 R137	2007-000402	R-CHIP:150ohm,5%,1/10W,TP,1608	
.....6 R82	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		.....6 R99	2007-000704	R-CHIP:3.6Kohm,5%,1/10W,TP,1608	
.....6 R80	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		.....6 R95	2007-000704	R-CHIP:3.6Kohm,5%,1/10W,TP,1608	
.....6 R76	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		.....6 R126	2007-000857	R-CHIP:4.3Kohm,1%,1/10W,TP,1608	
.....6 R74	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		.....6 R27	2007-001167	R-CHIP:75ohm,5%,1/10W,TP,1608	
.....6 R38	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		.....6 R26	2007-001167	R-CHIP:75ohm,5%,1/10W,TP,1608	
.....6 R37	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608		.....6 R148	2007-001167	R-CHIP:75ohm,5%,1/10W,TP,1608	

Electrical Parts List

Loc. No.	Code No.	Description ; Specification	Remark
.....6 R116	2007-001179	R-CHIP:8.2Kohm,5%,1/10W,TP,1608	
.....6 RN04	2011-000585	R-NET:470HM,5%,1/16W,L,CHIP,8P,TP	
.....6 RN05	2011-000585	R-NET:470HM,5%,1/16W,L,CHIP,8P,TP	
.....6 RN06	2011-000585	R-NET:470HM,5%,1/16W,L,CHIP,8P,TP	
.....6 RN01	2011-000585	R-NET:470HM,5%,1/16W,L,CHIP,8P,TP	
.....6 RN02	2011-000585	R-NET:470HM,5%,1/16W,L,CHIP,8P,TP	
.....6 RN03	2011-000585	R-NET:470HM,5%,1/16W,L,CHIP,8P,TP	
.....6 C81	2203-000041	C-CER,CHIP:0.01NF,0.25PF,50V,COG,TP,1608	
.....6 C65	2203-000041	C-CER,CHIP:0.01NF,0.25PF,50V,COG,TP,1608	
.....6 C61	2203-000041	C-CER,CHIP:0.01NF,0.25PF,50V,COG,TP,1608	
.....6 C57	2203-000041	C-CER,CHIP:0.01NF,0.25PF,50V,COG,TP,1608	
.....6 C44	2203-000041	C-CER,CHIP:0.01NF,0.25PF,50V,COG,TP,1608	
.....6 C48	2203-000041	C-CER,CHIP:0.01NF,0.25PF,50V,COG,TP,1608	
.....6 C52	2203-000041	C-CER,CHIP:0.01NF,0.25PF,50V,COG,TP,1608	
.....6 C36	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C37	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C39	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C41	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C45	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C31	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C32	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C33	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C34	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C35	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C49	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C78	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C79	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C83	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C85	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C86	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C53	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C54	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C58	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C62	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C71	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C30	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C09	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C10	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C11	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C12	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C13	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C02	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C04	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C05	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C07	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C08	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C15	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C25	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C26	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C27	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C28	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C29	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C20	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C21	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C22	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C23	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C24	2203-000181	C-CER,CHIP:100nF,+80-20%,25V,Y5V,TP,2012	
.....6 C89	2203-000257	C-CER,CHIP:10nF,10%,50V,X7R,TP,1608	
.....6 C75	2203-000257	C-CER,CHIP:10nF,10%,50V,X7R,TP,1608	
.....6 C72	2203-000257	C-CER,CHIP:10nF,10%,50V,X7R,TP,1608	
.....6 C63	2203-000357	C-CER,CHIP:0.15NF,5%,50V,COG,TP,1608	
.....6 C59	2203-000357	C-CER,CHIP:0.15NF,5%,50V,COG,TP,1608	
.....6 C55	2203-000357	C-CER,CHIP:0.15NF,5%,50V,COG,TP,1608	
.....6 C42	2203-000357	C-CER,CHIP:0.15NF,5%,50V,COG,TP,1608	
.....6 C46	2203-000357	C-CER,CHIP:0.15NF,5%,50V,COG,TP,1608	
.....6 C50	2203-000357	C-CER,CHIP:0.15NF,5%,50V,COG,TP,1608	
.....6 C77	2203-000440	C-CER,CHIP:1nF,10%,50V,X7R,TP,1608,-	
.....6 C91	2203-000575	C-CER,CHIP:220NF,10%,25V,X7R,TP,2012	
.....6 C90	2203-000575	C-CER,CHIP:220NF,10%,25V,X7R,TP,2012	
.....6 C88	2203-000975	C-CER,CHIP:47nF,10%,25V,X7R,TP,1608,-	
.....6 C74	2203-000975	C-CER,CHIP:47nF,10%,25V,X7R,TP,1608,-	
.....6 C73	2203-000975	C-CER,CHIP:47nF,10%,25V,X7R,TP,1608,-	
.....6 C82	2203-001071	C-CER,CHIP:0.056NF,5%,50V,COG,TP,1608	
.....6 C64	2203-001071	C-CER,CHIP:0.056NF,5%,50V,COG,TP,1608	
.....6 C60	2203-001071	C-CER,CHIP:0.056NF,5%,50V,COG,TP,1608	
.....6 C56	2203-001071	C-CER,CHIP:0.056NF,5%,50V,COG,TP,1608	
.....6 C43	2203-001071	C-CER,CHIP:0.056NF,5%,50V,COG,TP,1608	

Loc. No.	Code No.	Description ; Specification	Remark
.....6 C47	2203-001071	C-CER,CHIP:0.056NF,5%,50V,COG,TP,1608	
.....6 C51	2203-001071	C-CER,CHIP:0.056NF,5%,50V,COG,TP,1608	
.....6 C69	2203-001083	C-CER,CHIP:0.005nF,0.1pf,50V,NPO,TP,1608	
.....6 C68	2203-001083	C-CER,CHIP:0.005nF,0.1pf,50V,NPO,TP,1608	
.....6 C67	2203-001083	C-CER,CHIP:0.005nF,0.1pf,50V,NPO,TP,1608	
.....6 C66	2203-001083	C-CER,CHIP:0.005nF,0.1pf,50V,NPO,TP,1608	
.....6 C94	2203-001245	C-CER,CHIP:0.082nF,5%,50V,NPO,TP,2012	
.....6 C93	2203-001245	C-CER,CHIP:0.082nF,5%,50V,NPO,TP,2012	
.....6 C87	2203-001245	C-CER,CHIP:0.082nF,5%,50V,NPO,TP,2012	
.....6 C38	2402-001042	C-AL,SMD:100uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....6 C40	2402-001042	C-AL,SMD:100uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....6 C70	2402-001042	C-AL,SMD:100uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....6 C84	2402-001042	C-AL,SMD:100uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....6 C14	2402-001042	C-AL,SMD:100uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....6 C06	2402-001042	C-AL,SMD:100uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....6 C03	2402-001042	C-AL,SMD:100uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....6 C01	2402-001042	C-AL,SMD:100uF,20%,16V,GP,TP,6.6x6.6x5.4	
.....6 C80	2402-001049	C-AL,CHIP:10uF,20%,16V,GP,TP,3.3x3.3x5.4	
.....6 OSC01	2804-001479	OSCILLATOR-CLOCK:24MHZ,100PPM,50PF,TP,5V	
.....6 T0568	3301-001324	BEAD-SMD:-,15,-,600,TP,-,0.1	
.....6 T0568	3301-001324	BEAD-SMD:-,15,-,600,TP,-,0.1	
.....6 T0119	AA09-00032A	IC MICOM:TSC87251G2D-24HB,TSC87251G2D-OT	S.N.A
.....6 PCB	AA41-00717E	PCB:Convergence,FR-4,4.1,6T,245*245,90*1	S.N.A
.....6 IC125	BP13-00003A	IC ASIC:SDC12,128,-0.3 TO +3.8,0 TO 70,0	
.2	T0098	BP94-00238A ASSY PCB MISC-VM:DP,HCM4215W3S/XAA,P55A	
...3		0202-000187 SOLDER-WIRE FLUX:-,RS60S,D1.2,63Sn/37Pb	S.N.A
...3	RZ120	2008-001097 R-FUSIBLE(S):330HM,5%,1/2W,AC,BK,2.5X6.5	
...3	T0121	3301-001201 CORE-FERRITE-AE,21x11x32mm,1500,280G	
...3	T0079	AA33-00017A MAGNET CONVERGENCE:JH 92LT - 29G,-,29.1M	
...3	T0245	AA39-20055C LEAD CONNECTOR-ASSY,6P,500,YBNH025-06,6	
...3	QZ102	AA96-00243L ASSY H/S:-,CRT,AA62-000450A,2SC2344,HERC	S.N.A
...4	T0090	0205-000129 GREASE-SILICON:SC102,JAPAN	S.N.A
...4	T0081	0502-000153 TR-POWER:2SC2344-D,NPN,1.2W,TO-220,-,60	
...4	T0081	6003-000335 SCREW-TAPTITE-RH,+2S,M3,L8,ZPC(YEL),SWR	S.N.A
...4	T0081	AA62-00045A HEAT SINK-PS:-,T1.0,-,DREAM,-,-,-,-,-	S.N.A
...3	QZ101	AA96-00243M ASSY H/S:-,AMP,AA62-000450A,2SA1011,HERC	S.N.A
...4	T0090	0205-000129 GREASE-SILICON:SC102,JAPAN	S.N.A
...4	T0090	0502-000131 TR-POWER:2SA1011-D,NPN,1.2W,TO-220,-,60	
...4	T0081	6003-000335 SCREW-TAPTITE-RH,+2S,M3,L8,ZPC(YEL),SWR	S.N.A
...4	T0081	AA62-00045A HEAT SINK-PS:-,T1.0,-,DREAM,-,-,-,-,-	S.N.A
...3		AA97-07230M ASSY AUTO-VM:COMMANDO	S.N.A
...4	DZ106	0401-000005 DIODE-SWITCHING:1N4148,100V,200mA,DO-35,	
...4	DZ105	0401-000005 DIODE-SWITCHING:1N4148,100V,200mA,DO-35,	
...4	DZ102	0401-000005 DIODE-SWITCHING:1N4148,100V,200mA,DO-35,	
...4	T0083	0402-000546 DIODE-RECTIFIER:TVR10G,400V,1.0A,DO-41,T	
...4	T0083	0402-000546 DIODE-RECTIFIER:TVR10G,400V,1.0A,DO-41,T	
...4	T0083	0402-000546 DIODE-RECTIFIER:TVR10G,400V,1.0A,DO-41,T	
...4	T0156	0501-000283 TR-SMALL SIGNAL:KSA539,PNP,400mW,TO-92,T	
...4	T0156	0501-000389 TR-SMALL SIGNAL:KSC815,NPN,400mW,TO-92,T	
...4	T0156	0501-000389 TR-SMALL SIGNAL:KSC815,NPN,400mW,TO-92,T	
...4	T0156	0501-000389 TR-SMALL SIGNAL:KSC815,NPN,400mW,TO-92,T	
...4	RZ122	R-CARBON(S):100HM,5%,1/2W,AA,TP,2.4X6.4M	
...4	R125	2001-000221 R-CARBON:1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
...4	R125	2001-000221 R-CARBON:1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
...4	R125	2001-000241 R-CARBON:1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
...4	R125	2001-000241 R-CARBON:1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
...4	R125	2001-000258 R-CARBON:1.8KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
...4	R125	2001-000258 R-CARBON:1.8KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
...4	R125	2001-000331 R-CARBON:12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
...4	R125	2001-000331 R-CARBON:12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
...4	R125	2001-000554 R-CARBON:270OHM,5%,1/8W,AA,TP,1.8X3.2MM	
...4	R125	2001-000666 R-CARBON:330HM,5%,1/8W,AA,TP,1.8X3.2MM	
...4	R125	2001-000832 R-CARBON:510OHM,5%,1/8W,AA,TP,1.8X3.2MM	
...4	RZ110	2001-001100 R-CARBON(S):2.7OHM,5%,1/2W,AA,TP,2.4X6.4	
...4	RZ104	2001-001100 R-CARBON(S):2.7OHM,5%,1/2W,AA,TP,2.4X6.4	
...4	RZ105	2001-001139 R-CARBON(S):39KOHM,5%,1/2W,AA,TP,2.4X6.4	
...4	RZ106	2001-001139 R-CARBON(S):39KOHM,5%,1/2W,AA,TP,2.4X6.4	
...4	RZ103	2003-000713 R-METAL OXIDE(S):47ohm,5%,2W,AF,TP,4x12m	
...4	RZ111	2003-000713 R-METAL OXIDE(S):47ohm,5%,2W,AF,TP,4x12m	
...4	RZ123	2003-002157 R-METAL OXIDE:220OHM,5%,2W,AG,TP,6X16MM	
...4	RZ113	2003-002157 R-METAL OXIDE:220OHM,5%,2W,AG,TP,6X16MM	
...4	RZ112	2003-002157 R-METAL OXIDE:220OHM,5%,2W,AG,TP,6X16MM	
...4	RFZ101	2008-001086 R-FUSIBLE(S):3.3ohm,5%,2W,AG,TP,3.9x12mm	
...4	C598	2201-000193 C-CERAMIC,DISC:0.01NF,0.25PF,50V,COG,TP,	
...4	C598	2201-000193 C-CERAMIC,DISC:0.01NF,0.25PF,50V,COG,TP,	
...4	C598	2201-000516 C-CERAMIC,DISC:4.7NF,+100-0%,500V,Y5U,TP	
...4	C598	2201-000516 C-CERAMIC,DISC:4.7NF,+100-0%,500V,Y5U,TP	

Loc. No.	Code No.	Description ; Specification	Remark	Loc. No.	Code No.	Description ; Specification	Remark	
....4	C598	2201-000604	C-CERAMIC,DISC:0.056NF,+100-0%,500V,SL,T	....4	T0083	0402-000493	DIODE-RECTIFIER:1R5GU41,400V,1.5A,DO-15L
....4	C701	2401-000480	C-AL:10uF,20%,50V,GP,TP,5x11,5	....4	T0083	0402-000493	DIODE-RECTIFIER:1R5GU41,400V,1.5A,DO-15L
....4	C701	2401-000832	C-AL:220uF,20%,25V,GP,TP,8x11,5,5	....4	T0083	0402-000493	DIODE-RECTIFIER:1R5GU41,400V,1.5A,DO-15L
....4	C701	2401-001157	C-AL:33uF,20%,160V,GP,TP,12.5x20,5	....4	T0083	0402-000546	DIODE-RECTIFIER:TVR10G,400V,1.0A,DO-41,T
....4	C701	2401-001220	C-AL:4.7uF,20%,160V,GP,TP,8x11,5,5	....4	T0083	0402-000546	DIODE-RECTIFIER:TVR10G,400V,1.0A,DO-41,T
....4	C701	2401-001220	C-AL:4.7uF,20%,160V,GP,TP,8x11,5,5	....4	T0083	0402-000546	DIODE-RECTIFIER:TVR10G,400V,1.0A,DO-41,T
....4	C701	2401-001513	C-AL:47uF,20%,16V,WT,TP,5x11,5	....4	T0083	0402-000546	DIODE-RECTIFIER:TVR10G,400V,1.0A,DO-41,T
....4	C701	2401-002144	C-AL:47uF,20%,16V,GP,TP,5x11,5	....4	T0083	0402-000546	DIODE-RECTIFIER:TVR10G,400V,1.0A,DO-41,T
....4	LZ101	2701-000002	INDUCTOR-AXIAL:100uH,10%,4298	....4	T0083	0402-000546	DIODE-RECTIFIER:TVR10G,400V,1.0A,DO-41,T
....4	CN906	3711-002642	CONNECTOR-HEADER:BOX,3P,1R,2.5mm,STRAIGH	....4	DZ016	0403-000334	DIODE-ZENER:UZ2.7BSA,2.7V,2.54-2.75V,500
....4	CN906	3711-002642	CONNECTOR-HEADER:BOX,3P,1R,2.5mm,STRAIGH	....4	DZ016	0403-000334	DIODE-ZENER:UZ2.7BSA,2.7V,2.54-2.75V,500
....4	CN906	3711-002642	CONNECTOR-HEADER:BOX,3P,1R,2.5mm,STRAIGH	....4	DZ016	0403-000334	DIODE-ZENER:UZ2.7BSA,2.7V,2.54-2.75V,500
....4	PCB	AA41-00611A	PCB-VM:HCM4215W,FR-1,1L,A,1.6T,245X245,P	S.N.A4	DZ016	0403-000508	DIODE-ZENER:MTZJ5.6B,5.6V,5.45-5.73V,500
....4	RZ114	2003-000458	R-METAL OXIDE(S):100ohm,5%,2W,AF,TP,4x12	....4	DZ016	0403-000508	DIODE-ZENER:MTZJ5.6B,5.6V,5.45-5.73V,500
....3	T0081	6003-001023	SCREW-TAPTITE:RWH,+B,M3,L10,ZPC(YEL),SW	S.N.A4	DZ016	0403-000508	DIODE-ZENER:MTZJ5.6B,5.6V,5.45-5.73V,500
..2	T0105	BP94-00239A	ASSY PCB MISC-DY-JACK:DP,HCM4215W3S/XAA,	....4	DZ016	0403-000708	DIODE-ZENER:MTZJ13B,13V,12.55-13.21V,500
....3		0202-000187	SOLDER-WIRE FLUX:RS60S,D1.2,63Sn/37Pb	S.N.A4	DZ016	0403-000708	DIODE-ZENER:MTZJ13B,13V,12.55-13.21V,500
....3	GT13	AA60-40012D	PIN-GT,ASSY:T1.6,6-12.5,NYLON66	S.N.A4	DZ016	0403-000708	DIODE-ZENER:MTZJ13B,13V,12.55-13.21V,500
....3	GT09	AA60-40012D	PIN-GT,ASSY:T1.6,6-12.5,NYLON66	S.N.A4	DZ016	0403-000708	DIODE-ZENER:MTZJ13B,13V,12.55-13.21V,500
....3	GT05	AA60-40012D	PIN-GT,ASSY:T1.6,6-12.5,NYLON66	S.N.A4	T0156	0501-000283	TR-SMALL SIGNAL:KSA539,PNP,400mW,TO-92,T
....3	GT01	AA60-40012D	PIN-GT,ASSY:T1.6,6-12.5,NYLON66	S.N.A4	T0156	0501-000283	TR-SMALL SIGNAL:KSA539,PNP,400mW,TO-92,T
....3		AA61-01197A	HOLDER-PCB,DY:COMANDO,ABS V0,BLK	S.N.A4	T0156	0501-000283	TR-SMALL SIGNAL:KSA539,PNP,400mW,TO-92,T
....3		AA97-07230N	ASSY AUTO:COMMANDO	S.N.A4	T0156	0501-000283	TR-SMALL SIGNAL:KSA539,PNP,400mW,TO-92,T
....4	R301	2001-001107	R-CARBON(S):220ohm,5%,1/2W,AA,TP,2.4x6.4	....4	T0156	0501-000283	TR-SMALL SIGNAL:KSA539,PNP,400mW,TO-92,T
....4	R302	2001-001107	R-CARBON(S):220ohm,5%,1/2W,AA,TP,2.4x6.4	....4	T0156	0501-000366	TR-SMALL SIGNAL:KSC2330-Y,NPN,1W,TO-92L
....4	R303	2001-001107	R-CARBON(S):220ohm,5%,1/2W,AA,TP,2.4x6.4	....4	T0156	0501-000389	TR-SMALL SIGNAL:KSC815,NPN,400mW,TO-92,T
....4	PCB	AA41-00632A	PCB-DY CONNECTION:HCM4215W,FR-1,1L,A,1.6	S.N.A4	T0090	0502-000006	TR-POWER:KSC1507,NPN,15W,TO-220,TP,120-
..2		BP94-00248A	ASSY PCB CRT-PCB:DP,SP43T6HPS/SMA,J54A	....4	T0090	0502-000006	TR-POWER:KSC1507,NPN,15W,TO-220,TP,120-
....3		0202-000187	SOLDER-WIRE FLUX:RS60S,D1.2,63Sn/37Pb	S.N.A4	T0090	0502-000006	TR-POWER:KSC1507,NPN,15W,TO-220,TP,120-
....3	VR501	2101-000321	VR-ROTARY:1Mohm,-0.6W,SIDE	....4	R125	2001-000009	R-CARBON:20KOHM,5%,1/8W,AA,TP,1.8X3.2MM
....3	VR531	2101-000321	VR-ROTARY:1Mohm,-0.6W,SIDE	....4	R125	2001-000009	R-CARBON:20KOHM,5%,1/8W,AA,TP,1.8X3.2MM
....3	VR561	2101-000321	VR-ROTARY:1Mohm,-0.6W,SIDE	....4	R125	2001-000009	R-CARBON:20KOHM,5%,1/8W,AA,TP,1.8X3.2MM
....3	V501	3704-001019	SOCKET-CRT:10P,29.1PI,35.5PI,AU30U,-	....4	R125	2001-000009	R-CARBON:20KOHM,5%,1/8W,AA,TP,1.8X3.2MM
....3	V531	3704-001019	SOCKET-CRT:10P,29.1PI,35.5PI,AU30U,-	....4	R584	2001-000028	R-CARBON(S):100OHM,5%,1/2W,AA,TP,2.4X6.4
....3	V561	3704-001019	SOCKET-CRT:10P,29.1PI,35.5PI,AU30U,-	....4	R554	2001-000028	R-CARBON(S):100OHM,5%,1/2W,AA,TP,2.4X6.4
....3	CN906	3711-002645	CONNECTOR-HEADER:BOX,6P,1R,2.5mm,STRAIGH	....4	R524	2001-000028	R-CARBON(S):100OHM,5%,1/2W,AA,TP,2.4X6.4
....3	CN906	3711-002648	CONNECTOR-HEADER:BOX,9P,1R,2.5mm,STRAIGH	....4	R580	2001-000066	R-CARBON(S):10KOHM,5%,1/2W,AA,TP,2.4X6.4
....3	CN906	3711-003052	CONNECTOR-HEADER:BOX,10P,1R,2.5MM,STRAIG	....4	R550	2001-000066	R-CARBON(S):10KOHM,5%,1/2W,AA,TP,2.4X6.4
....3	CN906	3711-003052	CONNECTOR-HEADER:BOX,10P,1R,2.5MM,STRAIG	....4	R520	2001-000066	R-CARBON(S):10KOHM,5%,1/2W,AA,TP,2.4X6.4
....3	CN906	3711-003973	CONNECTOR-HEADER:BOX,11P,1R,2.5mm,STRAIG	....4	R517	2001-000085	R-CARBON(S):100KOHM,5%,1/2W,AA,TP,2.4X6.
....3	CN906	3711-003973	CONNECTOR-HEADER:BOX,11P,1R,2.5mm,STRAIG	....4	R547	2001-000085	R-CARBON(S):100KOHM,5%,1/2W,AA,TP,2.4X6.
....3	T0310	4715-001050	SURGE ABSORBER:2.4KV,20%,1500A,-,DISC-RA	....4	R577	2001-000085	R-CARBON(S):100KOHM,5%,1/2W,AA,TP,2.4X6.
....3	SG562	AA27-00084A	COIL:S-23,-,-,-,-,-,S-23,5000Mohm MIN,	....4	R366	2001-000109	R-CARBON(S):470OHM,5%,1/2W,AA,TP,2.4X6.4
....3	SG532	AA27-00084A	COIL:S-23,-,-,-,-,-,S-23,5000Mohm MIN,	....4	R125	2001-000232	R-CARBON:1.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM
....3	SG502	AA27-00084A	COIL:S-23,-,-,-,-,-,S-23,5000Mohm MIN,	....4	R125	2001-000281	R-CARBON:100OHM,5%,1/8W,AA,TP,1.8X3.2MM
....3	T0245	AA39-00112A	LEAD CONNECTOR-ASSY;UL1007#26,UL/CSA,10	....4	R125	2001-000281	R-CARBON:100OHM,5%,1/8W,AA,TP,1.8X3.2MM
....3	T0245	AA39-00120F	LEAD CONNECTOR-ASSY:SIR-T165,UL1007#26,U	....4	R125	2001-000290	R-CARBON:10KOHM,5%,1/8W,AA,TP,1.8X3.2MM
....3	T0245	AA39-00198D	LEAD CONNECTOR-ASSY:P55A/HCM4215W,UL1617	....4	R125	2001-000319	R-CARBON:120KOHM,5%,1/8W,AA,TP,1.8X3.2MM
....3	T0245	AA39-20010B	LEAD CONNECTOR-ASSY;1P,500,YFH800-01,S,	....4	R125	2001-000362	R-CARBON:150OHM,5%,1/8W,AA,TP,1.8X3.2MM
....3	T0245	AA39-20010D	LEAD CONNECTOR-ASSY;1P,400,YFH800-01,S,	....4	R125	2001-000362	R-CARBON:150OHM,5%,1/8W,AA,TP,1.8X3.2MM
....3	T0245	AA39-20010D	LEAD CONNECTOR-ASSY;1P,400,YFH800-01,S,	....4	R125	2001-000362	R-CARBON:150OHM,5%,1/8W,AA,TP,1.8X3.2MM
....3	T0245	AA39-20027B	LEAD CONNECTOR-ASSY;6P,400,67096-006,S,	....4	R125	2001-000429	R-CARBON:1KOHM,5%,1/8W,AA,TP,1.8X3.2MM
....3	T0245	AA39-20031D	LEAD CONNECTOR-ASSY;9P,500,67096-009,S,	....4	R125	2001-000429	R-CARBON:1KOHM,5%,1/8W,AA,TP,1.8X3.2MM
....3		6902-000359	BAG AIR CAP:LDPE,TO.05,L250,W280,PINK,...	S.N.A4	R125	2001-000429	R-CARBON:1KOHM,5%,1/8W,AA,TP,1.8X3.2MM
....3	Q371	AA96-00244H	ASSY H/S:SCREW,2SC4636(2),CRT,SILICON-OIL	S.N.A4	R125	2001-000449	R-CARBON:2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM
....4		0205-000129	GREASE-SILICON:SC102,JAPAN	S.N.A4	R125	2001-000449	R-CARBON:2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM
....4	T0090	0502-000442	TR-POWER:2SC4636RB,NPN,2W,TO-220,ST,10-	....4	R125	2001-000449	R-CARBON:2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM
....4	T0081	6003-000335	SCREW-TAPTITE:RH,+2S,M3,L8,ZPC(YEL),SWR	S.N.A4	R125	2001-000472	R-CARBON:2.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM
....4		AA62-00046A	HEAT SINK-PS:-,T1.0,-,D1(DREAM) 60X25X	S.N.A4	R125	2001-000539	R-CARBON:24KOHM,5%,1/8W,AA,TP,1.8X3.2MM
....3	IC561	AA96-50311L	ASSY H/S:-,AMP,AA62-30175D ,TDA6111Q,HE	S.N.A4	R125	2001-000563	R-CARBON:27KOHM,5%,1/8W,AA,TP,1.8X3.2MM
....3	IC531	AA96-50311L	ASSY H/S:-,AMP,AA62-30175D ,TDA6111Q,HE	S.N.A4	R125	2001-000577	R-CARBON:29KOHM,5%,1/8W,AA,TP,1.8X3.2MM
....3	IC501	AA96-50311L	ASSY H/S:-,AMP,AA62-30175D ,TDA6111Q,HE	S.N.A4	R125	2001-000613	R-CARBON:3.9KOHM,5%,1/8W,AA,TP,1.8X3.2MM
....4	T0074	1201-001131	IC-VIDEO AMP:6111,SIP9P,-,SINGLE,-,PLAS	....4	R125	2001-000613	R-CARBON:3.9KOHM,5%,1/8W,AA,TP,1.8X3.2MM
....4	T0081	6003-000334	SCREW-TAPTITE:RH,+2S,M3,L6,ZPC(YEL),SWR	....4	R125	2001-000660	R-CARBON:33KOHM,5%,1/8W,AA,TP,1.8X3.2MM
....4		AA62-30175D	HEAT SINK-PS:-,SECC,T1.0,-,33X15X30 FT-2	S.N.A4	R125	2001-000723	R-CARBON:4.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM
....3	T0245	BP39-00004B	LEAD CONNECTOR-ASSY:P55A/HCM4215W,UL3239	....4	R125	2001-000734	R-CARBON:4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM
....3	T0245	BP39-00004C	LEAD CONNECTOR-ASSY:P55A/HCM4215W,UL3239	....4	R125	2001-000734	R-CARBON:4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM
....3	T0245	BP39-00004C	LEAD CONNECTOR-ASSY:P55A/HCM4215W,UL3239	....4	R125	2001-000734	R-CARBON:4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM
....3	T0103	BP59-00005A	MODULE-FOCUS PACK ASS'Y:PJT TV,F301-P03A	....4	R125	2001-000734	R-CARBON:4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM
....3		BP97-00219A	ASSY AUTO:SP43T6HPX/SAP,J54A	S.N.A4	R125	2001-000908	R-CARBON:62KOHM,5%,1/8W,AA,TP,1.8X3.2MM
....4	D510	0401-000005	DIODE-SWITCHING:1N4148,100V,200mA,DO-35,	....4	R125	2001-000908	R-CARBON:62KOHM,5%,1/8W,AA,TP,1.8X3.2MM
....4	D509	0401-000005	DIODE-SWITCHING:1N4148,100V,200mA,DO-35,	....4	R125	2001-000908	R-CARBON:62KOHM,5%,1/8W,AA,TP,1.8X3.2MM
....4	D504	0401-000005	DIODE-SWITCHING:1N4148,100V,200mA,DO-35,	....4	R125	2001-000938	R-CARBON:68OHM,5%,1/8W,AA,TP,1.8X3.2MM
....4	D372	0401-000005	DIODE-SWITCHING:1N4148,100V,200mA,DO-35,	....4	R125	2001-000995	R-CARBON:820OHM,5%,1/8W,AA,TP,1.8X3.2MM
....4	D361	0401-000005	DIODE-SWITCHING:1N4148,100V,200mA,DO-35,	....4	R125	2001-000995	R-CARBON:820OHM,5%,1/8W,AA,TP,1.8X3.2MM
....4	D362	0401-000005	DIODE-SWITCHING:1N4148,100V,200mA,DO-35,	....4	R125	2001-001015	R-CARBON:9.1KOHM,5%,1/8W,AA,TP,1.8X3.2MM
....4	D371	0401-000005	DIODE-SWITCHING:1N4148,100V,200mA,DO-35,	....4	R566	2001-001049	R-CARBON(S):1.3KOHM,5%,1/2W,AA,TP,2.4X6.

Electrical Parts List

Loc. No.	Code No.	Description ; Specification	Remark	Loc. No.	Code No.	Description ; Specification	Remark
....4	R536	2001-001049 R-CARBON(S);1.3KOHM,5%,1/2W,AA,TP,2.4X6.		....4	C701	2401-000302 C-AL:100uF,20%,25V,GP,TP,6.3x11.5	
....4	R506	2001-001049 R-CARBON(S);1.3KOHM,5%,1/2W,AA,TP,2.4X6.		....4	C701	2401-000430 C-AL:10uF,20%,250V,GP,TP,10x16mm,5m	
....4	R581	2001-001052 R-CARBON(S);1.5MOHM,5%,1/2W,AA,TP,2.4X6.		....4	C701	2401-000430 C-AL:10uF,20%,250V,GP,TP,10x16mm,5m	
....4	R551	2001-001052 R-CARBON(S);1.5MOHM,5%,1/2W,AA,TP,2.4X6.		....4	C701	2401-000430 C-AL:10uF,20%,250V,GP,TP,10x16mm,5m	
....4	R521	2001-001052 R-CARBON(S);1.5MOHM,5%,1/2W,AA,TP,2.4X6.		....4	C701	2401-000430 C-AL:10uF,20%,250V,GP,TP,10x16mm,5m	
....4	R371	2001-001065 R-CARBON(S);110KOHM,5%,1/2W,AA,TP,2.4X6.		....4	C701	2401-000430 C-AL:10uF,20%,250V,GP,TP,10x16mm,5m	
....4	R370	2001-001065 R-CARBON(S);110KOHM,5%,1/2W,AA,TP,2.4X6.		....4	C701	2401-000430 C-AL:10uF,20%,250V,GP,TP,10x16mm,5m	
....4	R369A	2001-001065 R-CARBON(S);110KOHM,5%,1/2W,AA,TP,2.4X6.		....4	C701	2401-001571 C-AL:47uF,+20%-0%,50V,GP,TP,8x11.5,	
....4	R367	2001-001065 R-CARBON(S);110KOHM,5%,1/2W,AA,TP,2.4X6.		....4	C701	2401-001571 C-AL:47uF,+20%-0%,50V,GP,TP,8x11.5,	
....4	R368	2001-001065 R-CARBON(S);110KOHM,5%,1/2W,AA,TP,2.4X6.		....4	C701	2401-001571 C-AL:47uF,+20%-0%,50V,GP,TP,8x11.5,	
....4	R369	2001-001065 R-CARBON(S);110KOHM,5%,1/2W,AA,TP,2.4X6.		....4	C701	2401-001621 C-AL:6.8uF,20%,450V,GP,TP,13x20.5	
....4	R567	2001-001088 R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4M		....4	L531	2701-000114 INDUCTOR-AXIAL:10uH,10%,2534	
....4	R537	2001-001088 R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4M		....4	L501	2701-000114 INDUCTOR-AXIAL:10uH,10%,2534	
....4	R507	2001-001088 R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4M		....4	L561	2701-000168 INDUCTOR-AXIAL:3.3uH,5%,2534	
....4	R381	2001-001088 R-CARBON(S);1KOHM,5%,1/2W,AA,TP,2.4X6.4M		....4	T0310	4715-001036 SURGE ABSORBER:500V,20%,--,TP	
....4	R361	2001-001097 R-CARBON(S);2.4KOHM,5%,1/2W,AA,TP,2.4X6.		....4	T0310	4715-001036 SURGE ABSORBER:500V,20%,--,TP	
....4	R372	2001-001110 R-CARBON(S);240KOHM,5%,1/2W,AA,TP,2.4X6.		....4	T0310	4715-001036 SURGE ABSORBER:500V,20%,--,TP	
....4	R373	2001-001110 R-CARBON(S);240KOHM,5%,1/2W,AA,TP,2.4X6.		....4	T0310	4715-001036 SURGE ABSORBER:500V,20%,--,TP	
....4	R374	2001-001110 R-CARBON(S);240KOHM,5%,1/2W,AA,TP,2.4X6.		....4	T0310	4715-001036 SURGE ABSORBER:500V,20%,--,TP	
....4	R377	2001-001110 R-CARBON(S);240KOHM,5%,1/2W,AA,TP,2.4X6.		....4	T0310	4715-001036 SURGE ABSORBER:500V,20%,--,TP	
....4	R375	2001-001113 R-CARBON(S);270KOHM,5%,1/2W,AA,TP,2.4X6.		....4	EL06	6042-000002 EYELET;ID1.5,OD2.1,2.8,NI+SN,BSP3-1/2H	S.N.A
....4	R365	2001-001120 R-CARBON(S);3.30HM,5%,1/2W,AA,TP,2.4X6.4		....4	EL03	6042-000002 EYELET;ID1.5,OD2.1,2.8,NI+SN,BSP3-1/2H	S.N.A
....4	R574	2001-001122 R-CARBON(S);3.9KOHM,5%,1/2W,AA,TP,2.4X6.		....4	EL563	6042-000001 EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	R544	2001-001122 R-CARBON(S);3.9KOHM,5%,1/2W,AA,TP,2.4X6.		....4	EL537	6042-000001 EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	R514	2001-001122 R-CARBON(S);3.9KOHM,5%,1/2W,AA,TP,2.4X6.		....4	EL536	6042-000001 EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	R583	2002-001006 R-COMPOSITION:4.7KOHM,15%,1/2W,AA,TP,3.7		....4	EL535	6042-000001 EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	R582	2002-001006 R-COMPOSITION:4.7KOHM,15%,1/2W,AA,TP,3.7		....4	EL564	6042-000001 EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	R553	2002-001006 R-COMPOSITION:4.7KOHM,15%,1/2W,AA,TP,3.7		....4	EL565	6042-000001 EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	R552	2002-001006 R-COMPOSITION:4.7KOHM,15%,1/2W,AA,TP,3.7		....4	EL566	6042-000001 EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	R523	2002-001006 R-COMPOSITION:4.7KOHM,15%,1/2W,AA,TP,3.7		....4	EL567	6042-000001 EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	R522	2002-001006 R-COMPOSITION:4.7KOHM,15%,1/2W,AA,TP,3.7		....4	EL534	6042-000001 EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	R589	2002-001015 R-COMPOSITION:47Kohm,5%,1/2W,AA,TP,3.7x9		....4	EL01	6042-000001 EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	R559	2002-001015 R-COMPOSITION:47Kohm,5%,1/2W,AA,TP,3.7x9		....4	EL02	6042-000001 EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	R529	2002-001015 R-COMPOSITION:47Kohm,5%,1/2W,AA,TP,3.7x9		....4	EL04	6042-000001 EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	R575	2002-001017 R-COMPOSITION:1Kohm,10%,1/2W,AA,TP,3.7x9		....4	EL05	6042-000001 EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	R545	2002-001017 R-COMPOSITION:1Kohm,10%,1/2W,AA,TP,3.7x9		....4	EL533	6042-000001 EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	R515	2002-001017 R-COMPOSITION:1Kohm,10%,1/2W,AA,TP,3.7x9		....4	EL505	6042-000001 EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	R579	2002-001021 R-COMPOSITION:560KOHM,5%,1/2W,AA,TP,3.7X		....4	EL504	6042-000001 EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	R578	2002-001021 R-COMPOSITION:560KOHM,5%,1/2W,AA,TP,3.7X		....4	EL503	6042-000001 EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	S.N.A
....4	R549	2002-001021 R-COMPOSITION:560KOHM,5%,1/2W,AA,TP,3.7X		....4	GT537	AA60-40014A PIN-GT,ASSY:AUTO	S.N.A
....4	R548	2002-001021 R-COMPOSITION:560KOHM,5%,1/2W,AA,TP,3.7X		....4	GT536	AA60-40014A PIN-GT,ASSY:AUTO	S.N.A
....4	R519	2002-001021 R-COMPOSITION:560KOHM,5%,1/2W,AA,TP,3.7X		....4	GT535	AA60-40014A PIN-GT,ASSY:AUTO	S.N.A
....4	R518	2002-001021 R-COMPOSITION:560KOHM,5%,1/2W,AA,TP,3.7X		....4	GT534	AA60-40014A PIN-GT,ASSY:AUTO	S.N.A
....4	R588	2003-000738 R-METAL OXIDE(S);56Kohm,5%,2W,AA,TP,4x12		....4	GT533	AA60-40014A PIN-GT,ASSY:AUTO	S.N.A
....4	R538	2003-000738 R-METAL OXIDE(S);56Kohm,5%,2W,AA,TP,4x12		....4	GT561	AA60-40014A PIN-GT,ASSY:AUTO	S.N.A
....4	R508	2003-000738 R-METAL OXIDE(S);56Kohm,5%,2W,AA,TP,4x12		....4	GT568	AA60-40014A PIN-GT,ASSY:AUTO	S.N.A
....4	R024	2004-001892 R-METAL(S);162Kohm,1%,1/2W,AA,TP,2.5x6.5		....4	GT567	AA60-40014A PIN-GT,ASSY:AUTO	S.N.A
....4	R024	2004-001892 R-METAL(S);162Kohm,1%,1/2W,AA,TP,2.5x6.5		....4	GT564	AA60-40014A PIN-GT,ASSY:AUTO	S.N.A
....4	R024	2004-001892 R-METAL(S);162Kohm,1%,1/2W,AA,TP,2.5x6.5		....4	GT563	AA60-40014A PIN-GT,ASSY:AUTO	S.N.A
....4	R573	2008-000204 R-FUSIBLE(S);0.22ohm,10%,1/2W,AF,TP,2.5x		....4	GT562	AA60-40014A PIN-GT,ASSY:AUTO	S.N.A
....4	R543	2008-000204 R-FUSIBLE(S);0.22ohm,10%,1/2W,AF,TP,2.5x		....4	GT532	AA60-40014A PIN-GT,ASSY:AUTO	S.N.A
....4	R513	2008-000204 R-FUSIBLE(S);0.22ohm,10%,1/2W,AF,TP,2.5x		....4	GT375	AA60-40014A PIN-GT,ASSY:AUTO	S.N.A
....4	C598	2201-000119 C-CERAMIC,DISC:100NF,+80-20%,50V,Y5V,TP,		....4	GT374	AA60-40014A PIN-GT,ASSY:AUTO	S.N.A
....4	C598	2201-000119 C-CERAMIC,DISC:100NF,+80-20%,50V,Y5V,TP,		....4	GT373	AA60-40014A PIN-GT,ASSY:AUTO	S.N.A
....4	C598	2201-000119 C-CERAMIC,DISC:100NF,+80-20%,50V,Y5V,TP,		....4	GT372	AA60-40014A PIN-GT,ASSY:AUTO	S.N.A
....4	C598	2201-000556 C-CERAMIC,DISC:0.47NF,10%,500V,Y5P,TP,5.		....4	G371	AA60-40014A PIN-GT,ASSY:AUTO	S.N.A
....4	C598	2201-000599 C-CERAMIC,DISC:0.56NF,10%,500V,Y5P,TP,5.		....4	GT501	AA60-40014A PIN-GT,ASSY:AUTO	S.N.A
....4	C598	2201-000599 C-CERAMIC,DISC:0.56NF,10%,500V,Y5P,TP,5.		....4	GT531	AA60-40014A PIN-GT,ASSY:AUTO	S.N.A
....4	C598	2201-000599 C-CERAMIC,DISC:0.56NF,10%,500V,Y5P,TP,5.		....4	GT506	AA60-40014A PIN-GT,ASSY:AUTO	S.N.A
....4	C598	2201-000723 C-CERAMIC,DISC:4.7NF,20%,3KV,Y5U,TP,16X5		....4	GT504	AA60-40014A PIN-GT,ASSY:AUTO	S.N.A
....4	C598	2201-000723 C-CERAMIC,DISC:4.7NF,20%,3KV,Y5U,TP,16X5		....4	GT503	AA60-40014A PIN-GT,ASSY:AUTO	S.N.A
....4	C598	2201-000723 C-CERAMIC,DISC:4.7NF,20%,3KV,Y5U,TP,16X5		....4	GT502	AA60-40014A PIN-GT,ASSY:AUTO	S.N.A
....4	C598	2201-000983 C-CERAMIC,DISC:1NF,10%,2KV,Y5P,TP,9X5MM,		....4	GT566	AA60-40014A PIN-GT,ASSY:AUTO	S.N.A
....4	C598	2201-000983 C-CERAMIC,DISC:1NF,10%,2KV,Y5P,TP,9X5MM,		....4	R382	2002-001014 R-COMPOSITION:6.8Kohm,10%,1/2W,AA,TP,3.7	
....4	C598	2201-000983 C-CERAMIC,DISC:1NF,10%,2KV,Y5P,TP,9X5MM,		....4	T0083	0402-000243 DIODE-RECTIFIER:RC2-V1,2000V,0.2A,DO-201	
....4	C565	2305-000149 C-FILM,LEAD-PEF;		....4	C701	2401-000480 C-AL:10uF,20%,50V,GP,TP,5x11.5	
....4	C535	2305-000149 C-FILM,LEAD-PEF;		....4	0	AA41-00600F PCB CRT:SVP-55W3HD,FR-1,1L,F,1.6T,3,P55A	S.N.A
....4	C505	2305-000149 C-FILM,LEAD-PEF;		....3	T0121	3301-001201 CORE-FERRITE:AE,21x11x32mm,1500,280G	
....4	C507	2305-000154 C-FILM,LEAD-PEF;		....3		6902-000395 BAG PE:LDPE,T0.05,W200,L140,...	S.N.A
....4	C537	2305-000154 C-FILM,LEAD-PEF;		....3		AA63-10002A BAND-TIE:NYLON66 V2,L100,NTR	S.N.A
....4	C567	2305-000154 C-FILM,LEAD-PEF;		....2	T0154	BP94-00328A ASSY PCB MISC CONTROL POWER:DP,SP437THPS	
....4	C361	2306-000122 C-FILM,LEAD-PPF:100nF,5%,50V,TP,7.3x4.0x		....3		0202-000187 SOLDER-WIRE FLUX:--RS60S,D1.2,63Sn/37Pb	S.N.A
....4	C701	2401-002075 C-AL:4.7uF,20%,50V,GP,TP,5x11.5		....3	LEDY01	0601-001381 LED:ROUND,RED/GRN,5.0MM,650/563NM	
....4	C701	2401-002075 C-AL:4.7uF,20%,50V,GP,TP,5x11.5		....3	CN906	3711-000447 CONNECTOR-HEADER:BOX,3P,1R,2.5MM,ANGLE,-	
....4	C701	2401-002075 C-AL:4.7uF,20%,50V,GP,TP,5x11.5		....3	CN906	3711-000957 CONNECTOR-HEADER:BOX,4P,1R,2.5mm,ANGLE,S	
....4	C701	2401-000133 C-AL:1000uF,20%,16V,GP,TP,10x20.5		....3	CN906	3711-003353 CONNECTOR-HEADER:BOX,11P,1R,2.5mm,ANGLE,	
....4	C701	2401-000302 C-AL:100uF,20%,25V,GP,TP,6.3x11.5		....3	T0081	6003-001023 SCREW-TAPTITE:RW,+,B,M3,L10,ZPC(YEL),SW	S.N.A

Loc. No.	Code No.	Description ; Specification	Remark
...3	RMYO1	AA32-00012A MODULE REMOCON:ORC-50HF2,38KHZ,940NM,MES	
...3	T0245	AA39-00259A LEAD CONNECTOR-ASSY; UL1007#26,UL/CSA,3P	
...3	T0245	BP39-00011A LEAD CONNECTOR-ASSY:P54A/SVP-55W3HD,UL10	
...3	BP97-00199A	ASSY AUTO:SP43T7HP,J54A	S.N.A
...4	DZ016	0403-000510 DIODE-ZENER:MTZJ6.2B,6.2V,5.96-6.27V,500	
...4	DZ016	0403-000510 DIODE-ZENER:MTZJ6.2B,6.2V,5.96-6.27V,500	
...4	DZ016	0403-000510 DIODE-ZENER:MTZJ6.2B,6.2V,5.96-6.27V,500	
...4	QY01	0504-000123 TR-DIGITAL:KSR1010,NPN,300mW,10K,TO-92,T	
...4	QY02	0504-000123 TR-DIGITAL:KSR1010,NPN,300mW,10K,TO-92,T	
...4	RY07	2001-000020 R-CARBON(S):220HM,5%,1/2W,AA,TP,2.4X6.4M	
...4	RY01	2001-000109 R-CARBON(S):470OHM,5%,1/2W,AA,TP,2.4X6.4	
...4	RY09	2001-000109 R-CARBON(S):470OHM,5%,1/2W,AA,TP,2.4X6.4	
...4	RY08	2001-001108 R-CARBON(S):22KOHM,5%,1/2W,AA,TP,2.4X6.4	
...4	C701	2401-002009 C-AL:100uF,20%,16V,GP,TP,6.3x7.5	
...4	PCB	AA41-00752A PCB-POWER CONTROL:HCM4215W,FR-1,1L,A,1.6	S.N.A
...3	T0245	AA39-00223A LEAD CONNECTOR-ASSY; 11P,800MM,67096-011	
...3	T0854	BP94-00134Z ASSY PCB MISC-MASTER S/W:SP42W5HF1S/XEF,	
...4	0202-000187	SOLDER-WIRE FLUX:-,RS60S,D1.2,63Sn/37Pb	S.N.A
...4	SWP01	3403-001130 SWITCH-PUSH:250VAC,5A,SPST,OFF-ON-OFF,-	
...4	T0081	6003-000334 SCREW-TAPTITE:RH,+,2S,M3,L6,ZPC(YEL),SWR	
...4	AA61-00719B	HOLDER-MASTER:T6,W3,HIPS V0,BLK,J52A	S.N.A
...4	BP97-00134A	ASSY AUTO-MASTER S/W:SVP-55W9HRTC,P55A	S.N.A
...5	PCB	AA41-00784A PCB-POWER S/W:SVP-55W9HRTC,CEM-1,1L,A,1.	S.N.A
...5	EY02	6042-000002 EYELET:ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
...5	EY01	6042-000002 EYELET:ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	S.N.A
...5	GT01	AA60-40014A PIN-GT,ASSY:AUTO	S.N.A
...5	GT02	AA60-40014A PIN-GT,ASSY:AUTO	S.N.A
.2	T0147	BP94-00329A ASSY PCB MISC-CONTROL SIDE:DP,SP43T7HPS/	
...3	0202-000187	SOLDER-WIRE FLUX:-,RS60S,D1.2,63Sn/37Pb	S.N.A
...3	SWY08	3404-001006 SWITCH-TACT:12V,50mA,160gf,6x6mm,SPST	
...3	SWY07	3404-001006 SWITCH-TACT:12V,50mA,160gf,6x6mm,SPST	
...3	SWY06	3404-001006 SWITCH-TACT:12V,50mA,160gf,6x6mm,SPST	
...3	SWY05	3404-001006 SWITCH-TACT:12V,50mA,160gf,6x6mm,SPST	
...3	SWY01	3404-001006 SWITCH-TACT:12V,50mA,160gf,6x6mm,SPST	
...3	SWY03	3404-001006 SWITCH-TACT:12V,50mA,160gf,6x6mm,SPST	
...3	SWY04	3404-001006 SWITCH-TACT:12V,50mA,160gf,6x6mm,SPST	
...3	CN906	3711-000957 CONNECTOR-HEADER:BOX,4P,1R,2.5mm,ANGLE,S	
...3	BP97-00098A	ASSY AUTO:SVP-43T7HR,P55A	S.N.A
...4	R125	2001-000429 R-CARBON:1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
...4	R125	2001-000832 R-CARBON:510OHM,5%,1/8W,AA,TP,1.8X3.2MM	
...4	R125	2001-000832 R-CARBON:510OHM,5%,1/8W,AA,TP,1.8X3.2MM	
...4	R125	2001-000832 R-CARBON:510OHM,5%,1/8W,AA,TP,1.8X3.2MM	
...4	R125	2001-000832 R-CARBON:510OHM,5%,1/8W,AA,TP,1.8X3.2MM	
...4	R125	2001-000924 R-CARBON:680OHM,5%,1/8W,AA,TP,1.8X3.2MM	
...4	PCB	BP41-00002B PCB-SIDE CONTROL:SVP-43T6HR,FR-1,1L,B,1.	S.N.A
...3	AA61-01140D	CASE-PS BOX:ANTISTATIC,PS,310,290,35	S.N.A
.2	CIS2	BP94-00353C ASSY PCB MISC-SIDE A/V:DP, BP96-00011F,4	
...3	0202-000187	SOLDER-WIRE FLUX:-,RS60S,D1.2,63Sn/37Pb	S.N.A
...3	SW101	3404-000208 SWITCH-TACT:12V,50mA,120gf,6x6mm,SPST	
...3	CN906	3711-000447 CONNECTOR-HEADER:BOX,3P,1R,2.5MM,ANGLE,-	
...3	CN906	3711-003601 CONNECTOR-HEADER:BOX,12P,1R,2.5mm,ANGLE,	
...3	JK101	3722-000544 JACK-VHS:4P,11.5mm,AG,BLK,N	
...3	JK102	3722-001164 JACK-PIN:3P,3.4mm,SN,WH,YE:RE,#16-22	
...3	T0081	6003-001023 SCREW-TAPTITE:RWH,+,B,M3,L10,ZPC(YEL),SW	S.N.A
...3	T0245	AA39-00260A LEAD CONNECTOR-ASSY; UL1007#26,UL/CSA,3P	
...3	AA63-10002A	BAND-TIE:NYLON66 V2,L100,NTR	S.N.A
...3	AA97-07426A	ASSY AUTO-A/V FRONT:SP42W5HCX/XTT,J54A,C	S.N.A
...4	R125	2001-000006 R-CARBON:2.4KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
...4	R125	2001-000273 R-CARBON:100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
...4	R125	2001-000273 R-CARBON:100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
...4	C689	2202-000121 C-CERAMIC,MLC-AXIAL:100pF,10%,50V,Y5P,TP	
...4	C689	2202-000121 C-CERAMIC,MLC-AXIAL:100pF,10%,50V,Y5P,TP	
...4	C689	2202-000121 C-CERAMIC,MLC-AXIAL:100pF,10%,50V,Y5P,TP	
...4	C689	2202-000263 C-CERAMIC,MLC-AXIAL:470pF,10%,50V,Y5P,TP	
...4	C689	2202-000263 C-CERAMIC,MLC-AXIAL:470pF,10%,50V,Y5P,TP	
...4	F101	2901-000297 FILTER-EMI ON BOARD:-,3A,-,3.5x5,TP,-	
...4	F101	2901-000297 FILTER-EMI ON BOARD:-,3A,-,3.5x5,TP,-	
...4	0	AA41-00499D PCB-FRONT A/V:SVP-54T6SR,FR-1,1L,D,1.6T,	S.N.A
...3	T0245	BP39-00016A LEAD CONNECTOR-ASSY:P55A/HCM4215W,UL2547	
...3	T0091	BP96-00011J ASSY COVER P-SIDE AV:T7,T8,W6,SV012P,ASI	
...4	AA64-02086U	INLAY-AV;PS SHEET,TO.5,L/GRAY,J54A	S.N.A
...4	T0150	AA64-02780G DOOR-A/V:43T8,ABS,HB,SV012P	
...4	AA61-01128G	HOLDER-SIDE A/V:ABS,HB,43T8,SV012P	S.N.A
.2	BP95-00147D	ASSY SUB PCB-SENSOR:DP,P54A,SENSOR	
...3	0202-000187	SOLDER-WIRE FLUX:-,RS60S,D1.2,63Sn/37Pb	S.N.A
...3	6902-000016	BAG ANTISTATIC:LDPE,TO.05,L800,W500,TRP,	S.N.A
...3	BP97-00208A	ASSY SMD:HCM4215W3S/XAA	S.N.A
...4	T0156	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT-	

Loc. No.	Code No.	Description ; Specification	Remark
...4	PCB	AA41-00853A PCB-SENSOR:SVP-42W5HRC,FR-4,2L,A,1.6T,24	S.N.A
...4	D01	BP32-00001A SENSOR PHOTO:BCS5030G1,-40 TO +85,0.42 U	
...4	R01	2007-000305 R-CHIP:10Mohm,5%,1/10W,TP,1608	
...4	R02	2007-000109 R-CHIP:1Mohm,5%,1/10W,TP,1608	
...4	R03	2007-000109 R-CHIP:1Mohm,5%,1/10W,TP,1608	
...4	0202-001167	SOLDER-CREAM:RX3603-2330HO,S45A,PASTE,SN S.N.A	
...3	CN906	3711-000447 CONNECTOR-HEADER:BOX,3P,1R,2.5MM,ANGLE,-	

ASSY P/MATERIAL

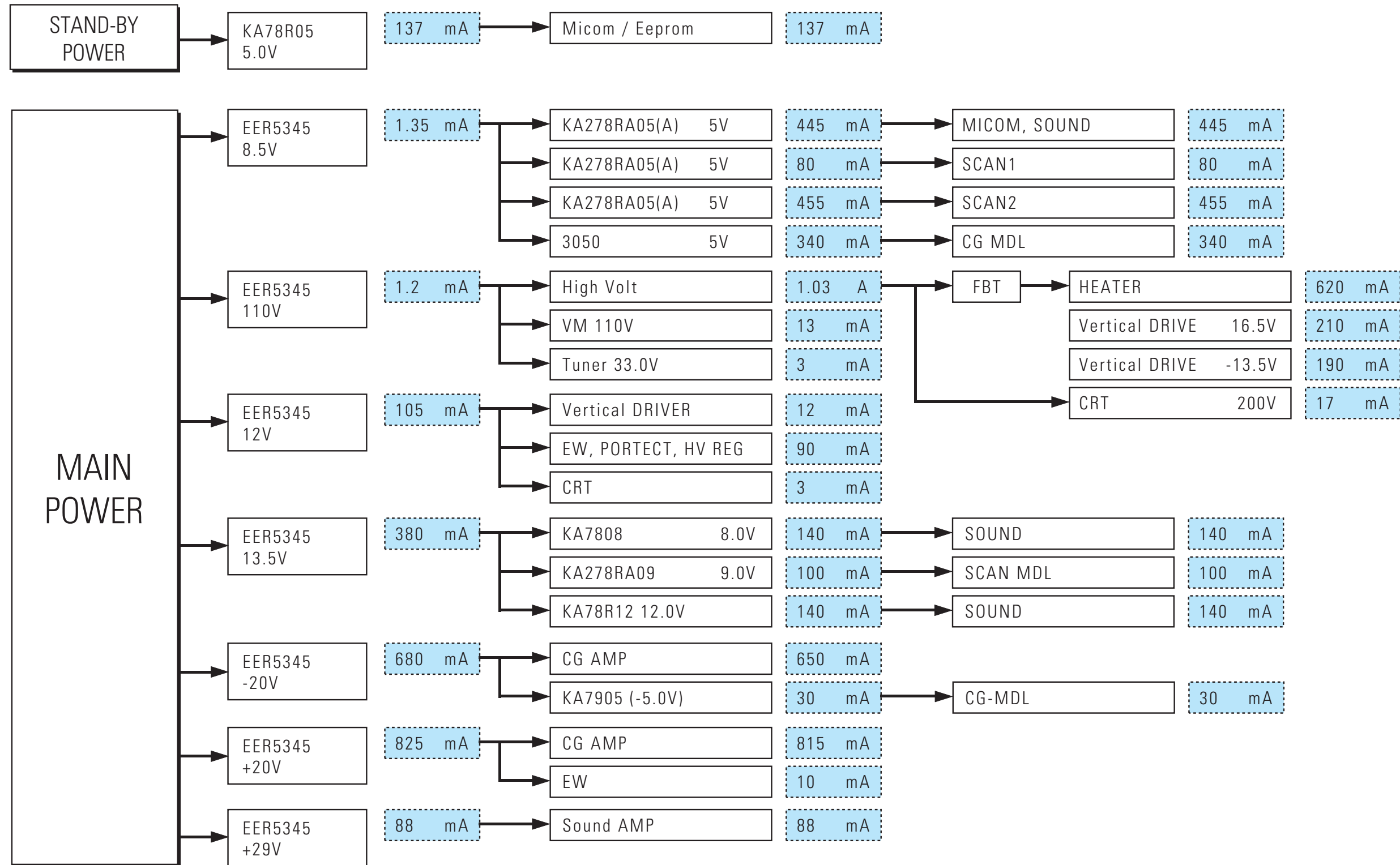
1	BP92-00011E	ASSY P/MATERIAL:SP43T7HPS/XSV,43T7	
.2	AA60-40006A	PIN-STAPLE:AUTO,33X17.8X2.4,H18,33X17.8X	S.N.A
.2	AA63-10007C	BAND-PP:W18,CLEA,1G	S.N.A
.2	6902-000008	BAG PE:HDPE/NITRON/HDPE,TO.015/TO.5/TO.0	S.N.A

ASSY ACCESSORY

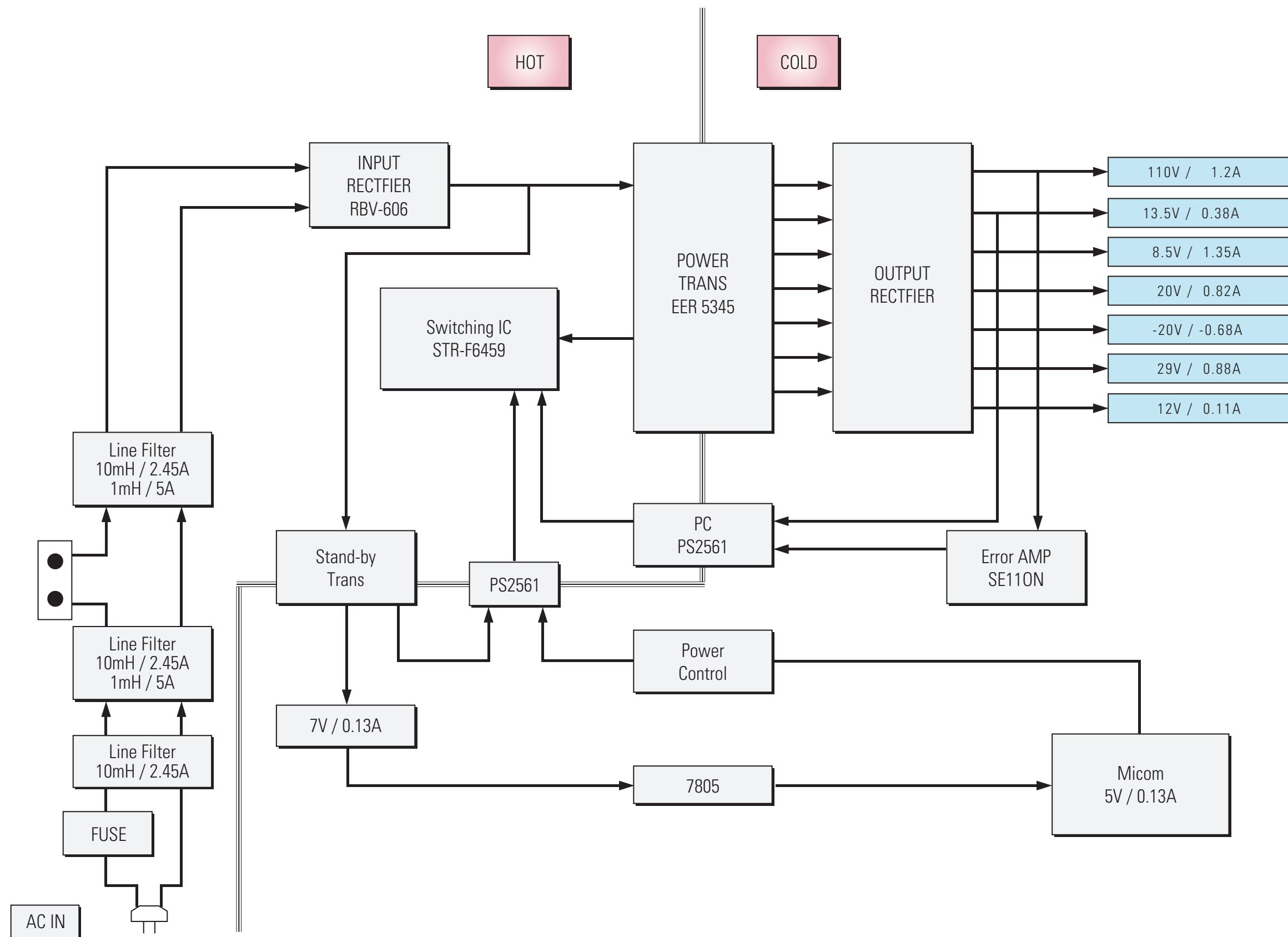
1	M0017	BP92-00532H ASSY ACCESSORY:SP43T7HFS/XSV,J54A,VIET N	
.2	6902-000018	BAG PE:LDPE,TO.1.W280,L400,GRY,8,2-	S.N.A
.2	T0116	AA39-40001B CABLE RCA;1500MM	
.2	T0074	BP59-00008A REMOCON;TM65A,COMMOANDO,J54A,49,L/GRAY,	
...3	T0122	2802-000194 RESONATOR-CERAMIC:8MHz,1.0%,TP,8.5x4.5x5	
...3	T0119	AA09-00371A IC MICOM:SZTM-839C R-52MX,28PIN,16KBYTE,	
.2	T0563	BP68-00027B MANUAL USERS:SP54T8HCX/XSG,ENG,W/P 100g,	
		S.N.A	

8. Block Diagram

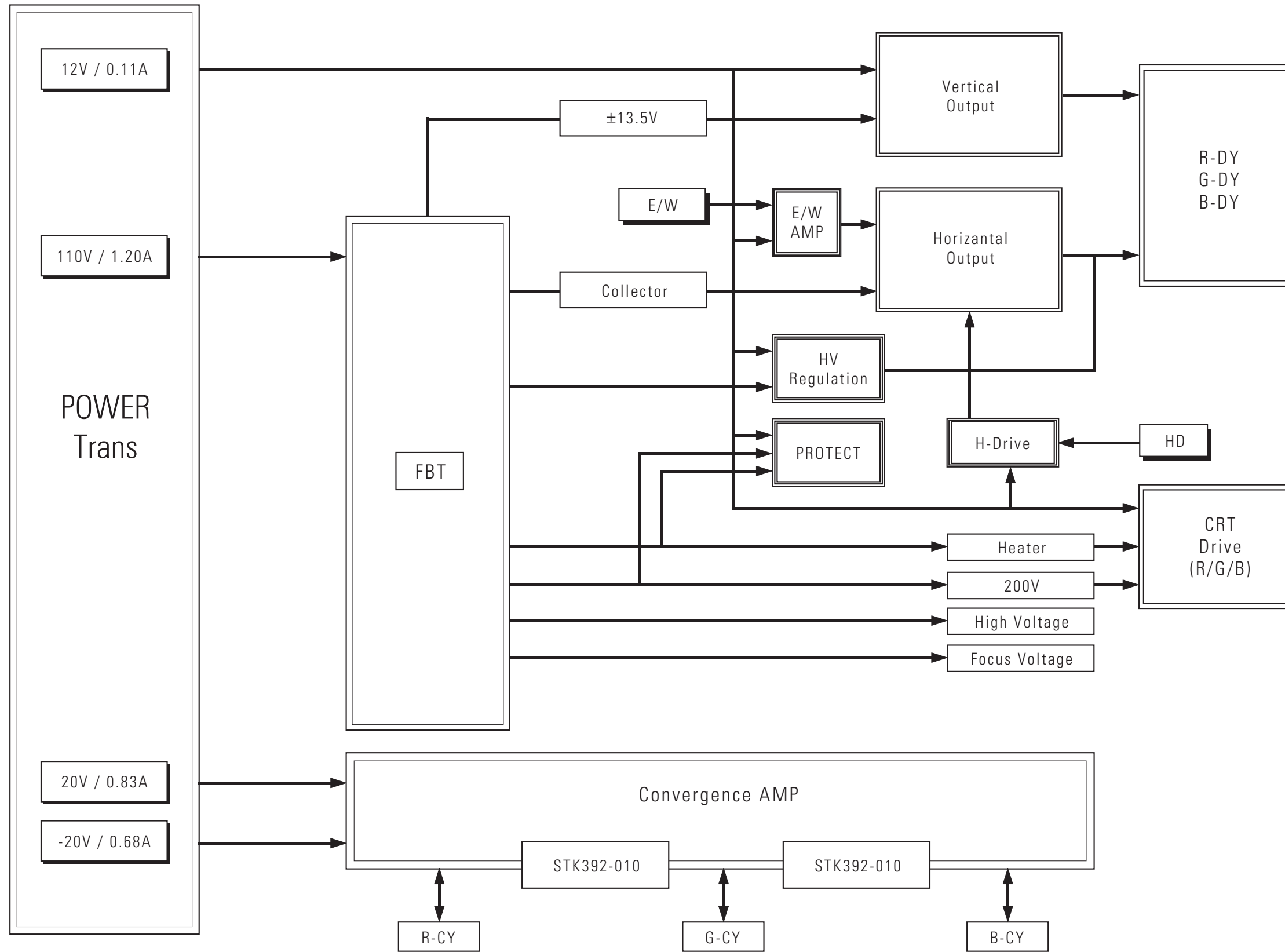
8-1 Current System



8-2 Power Supply System

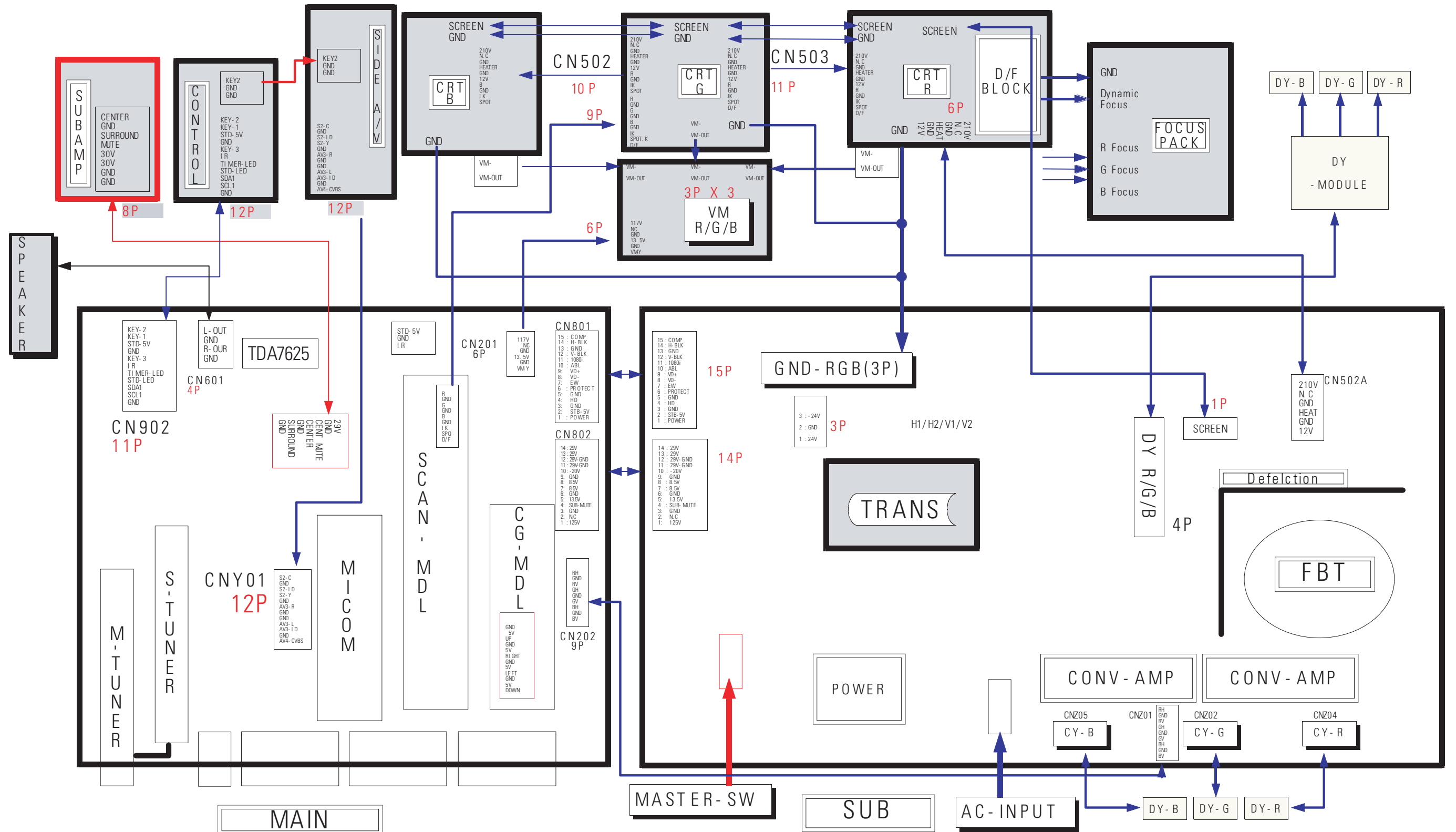


8-3 Deflection System



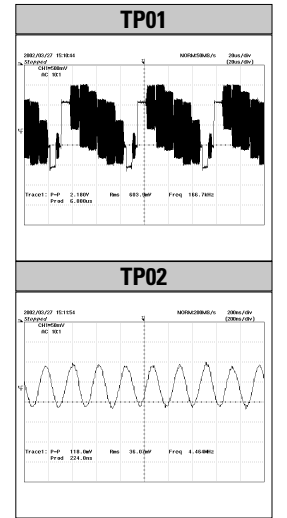
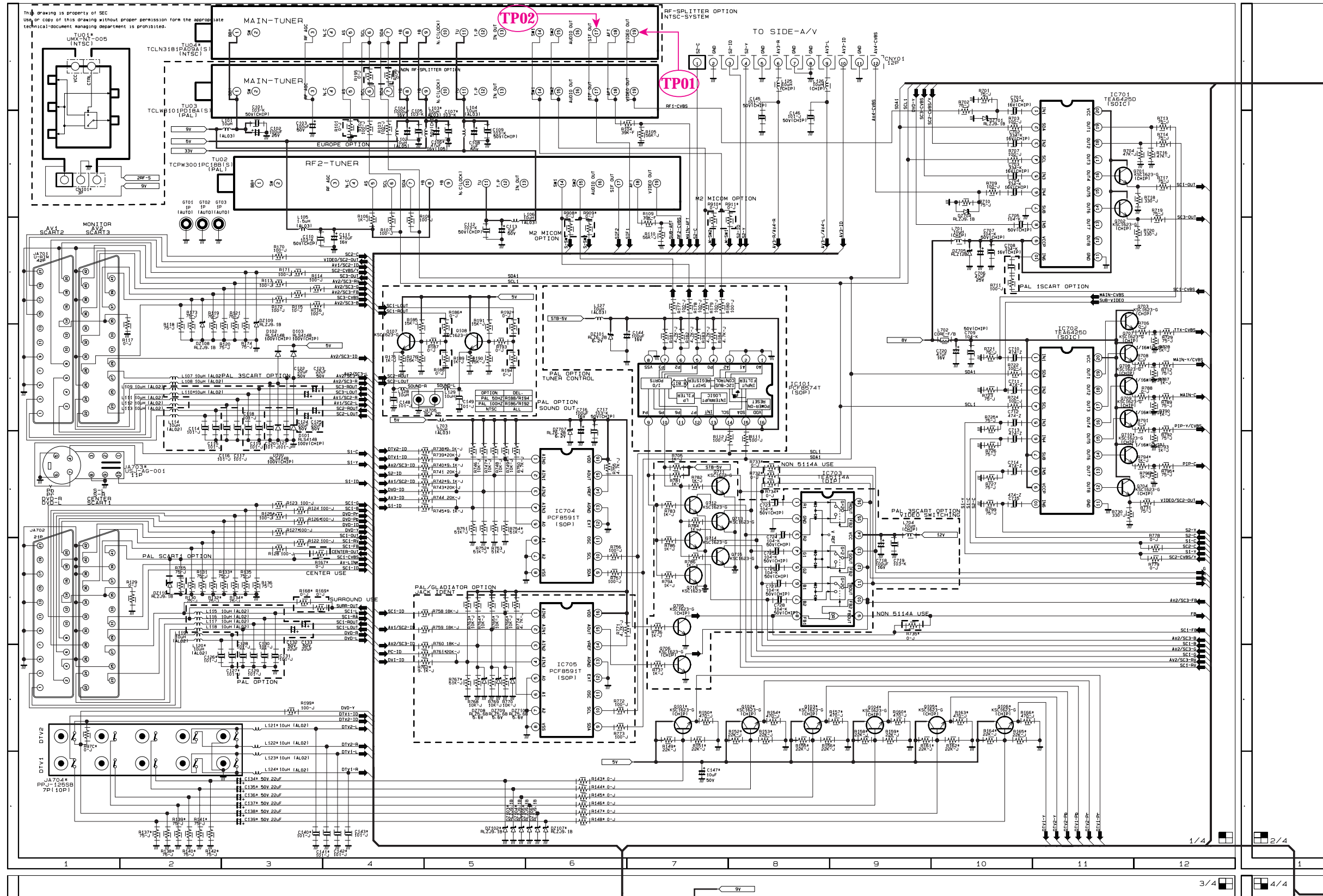
9. Wiring Diagram

9-1 Connection(Progressive)

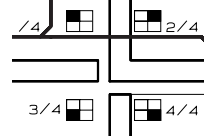
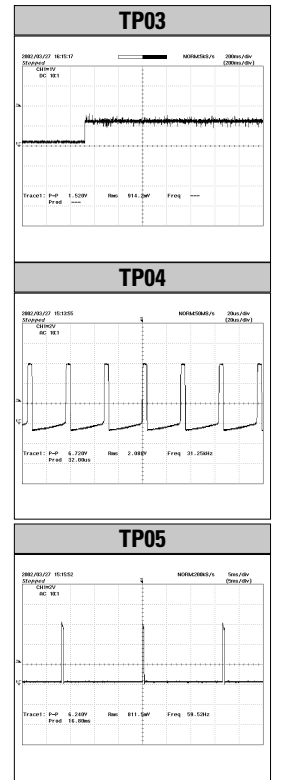
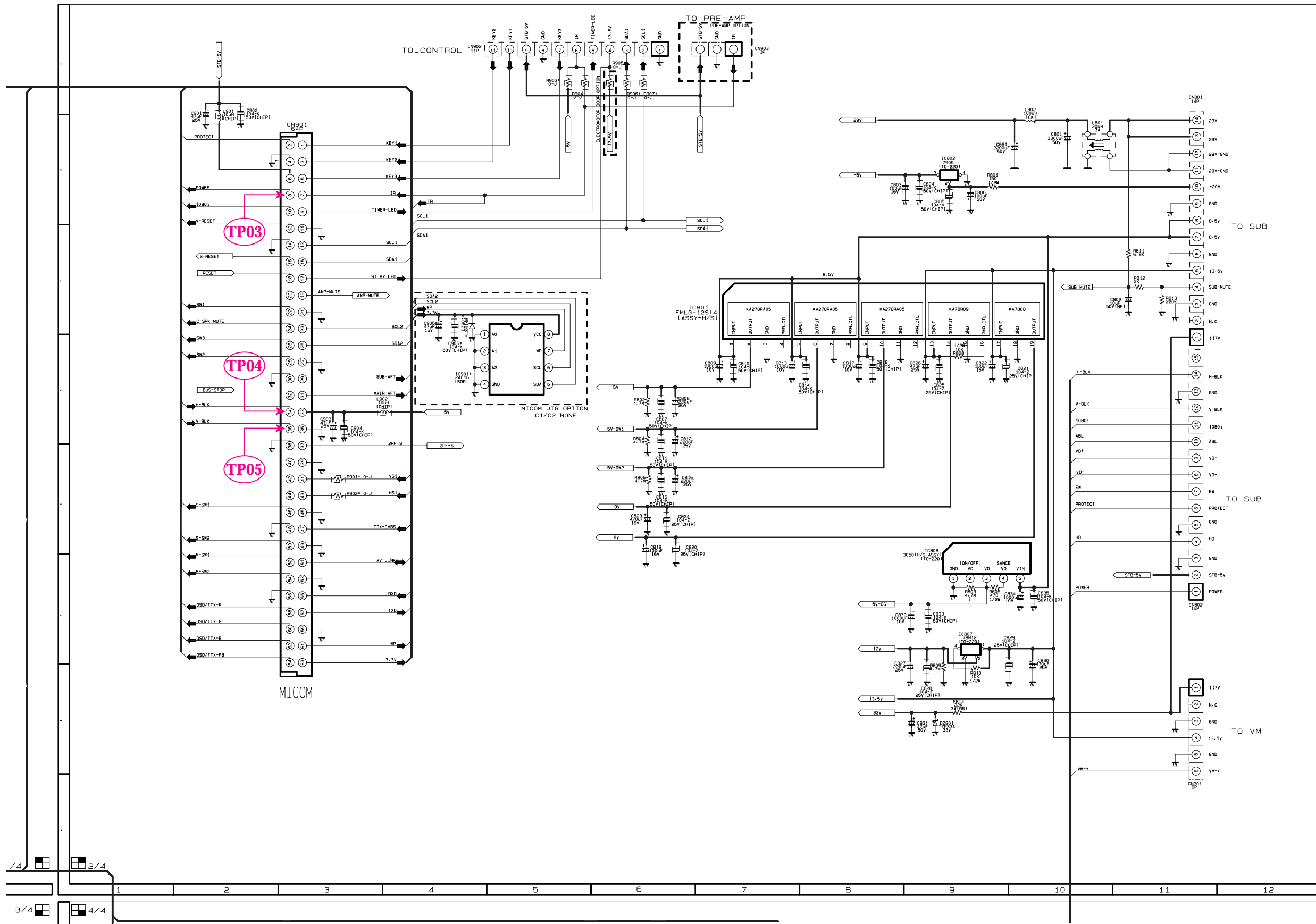


10. Schematic Diagrams

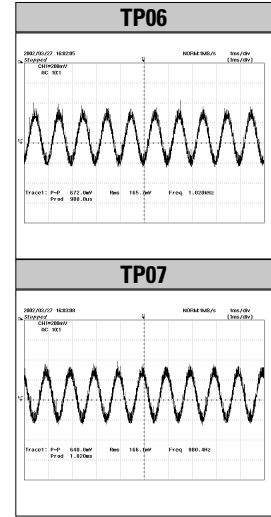
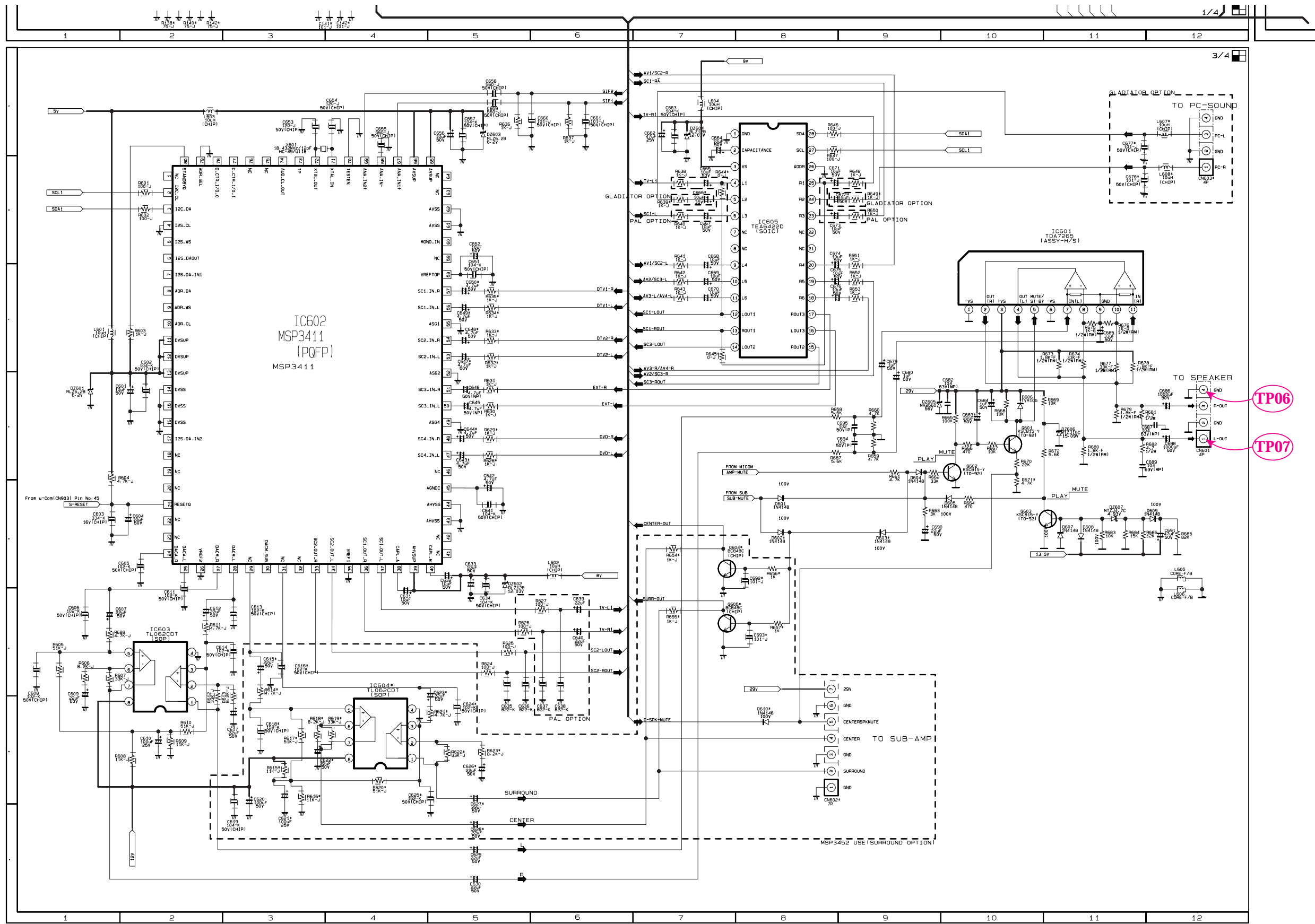
10-1 MAIN 1



10-2 MAIN 2

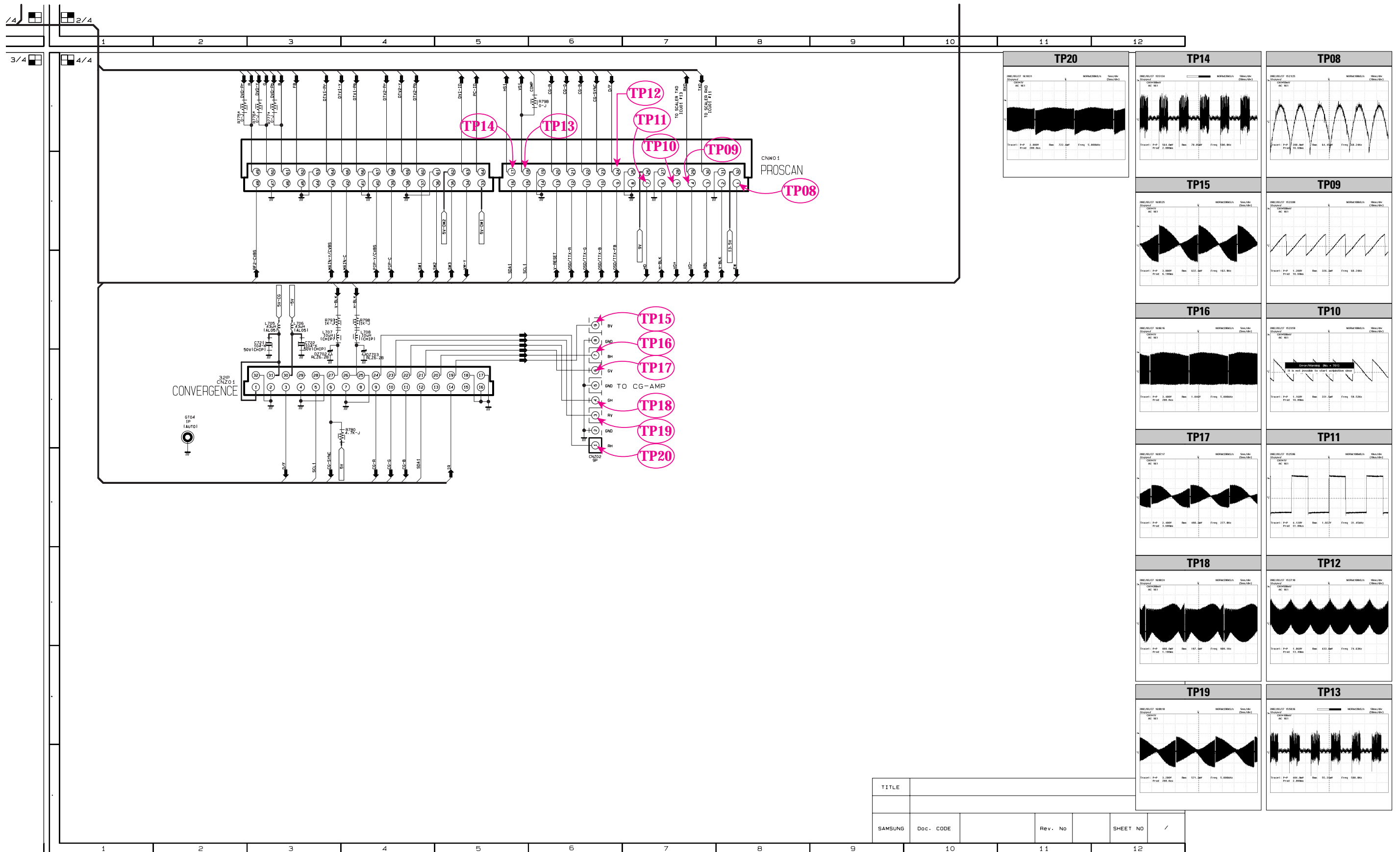


10-3 MAIN 3



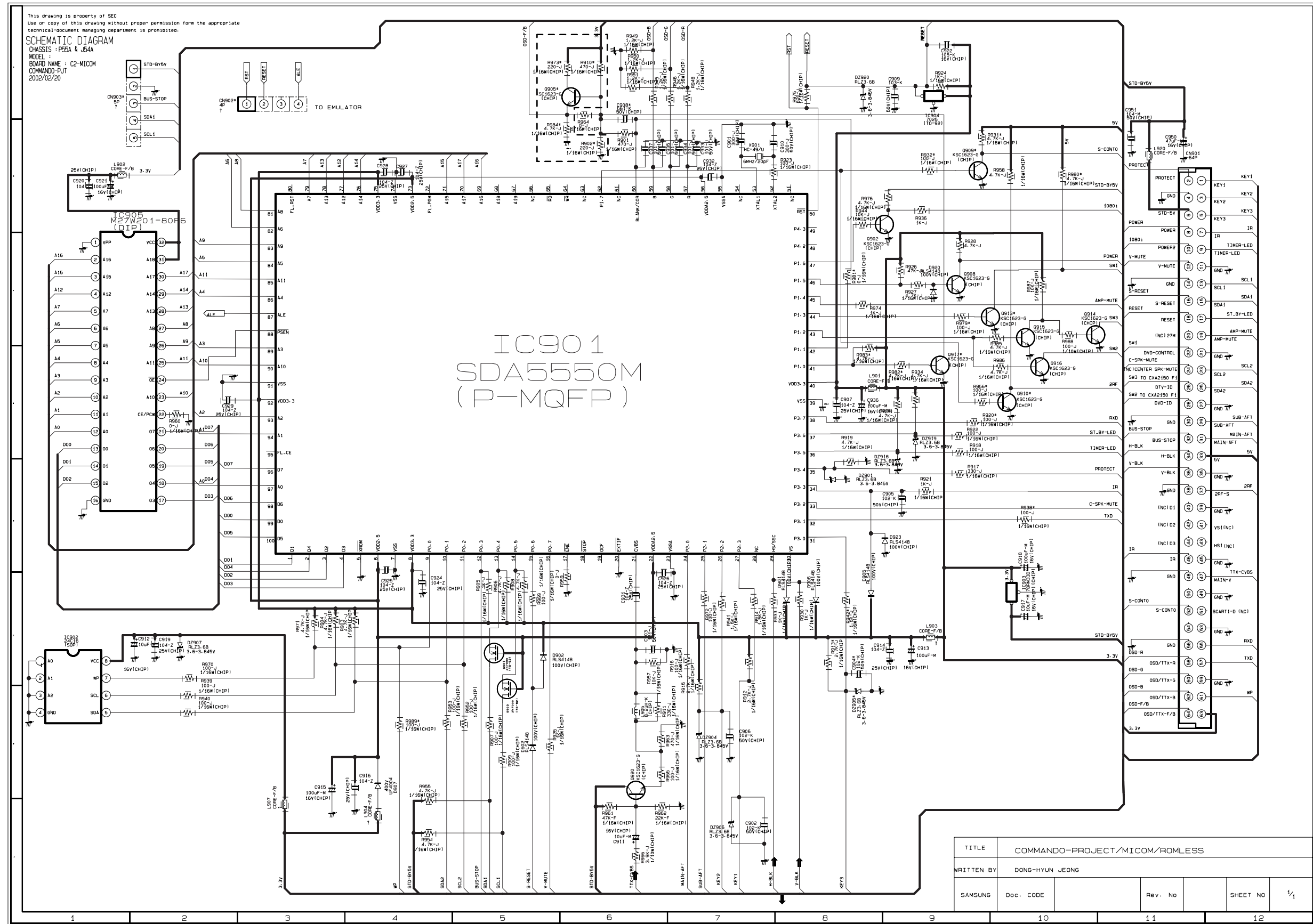
TP06
TP07

10-4 MAIN 4

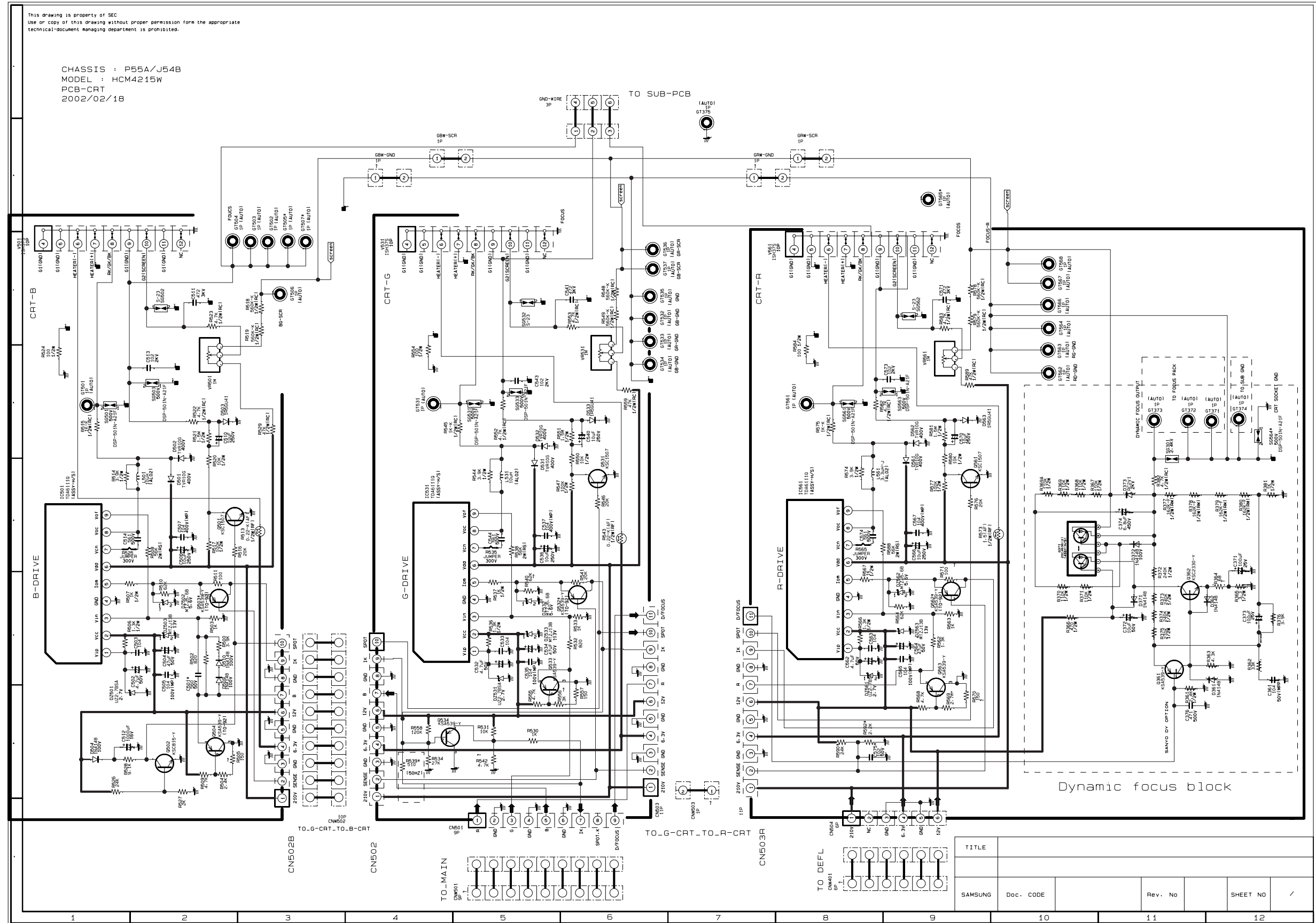


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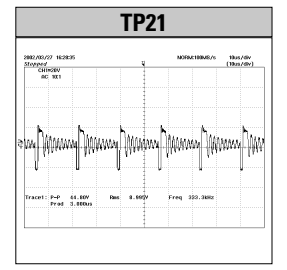
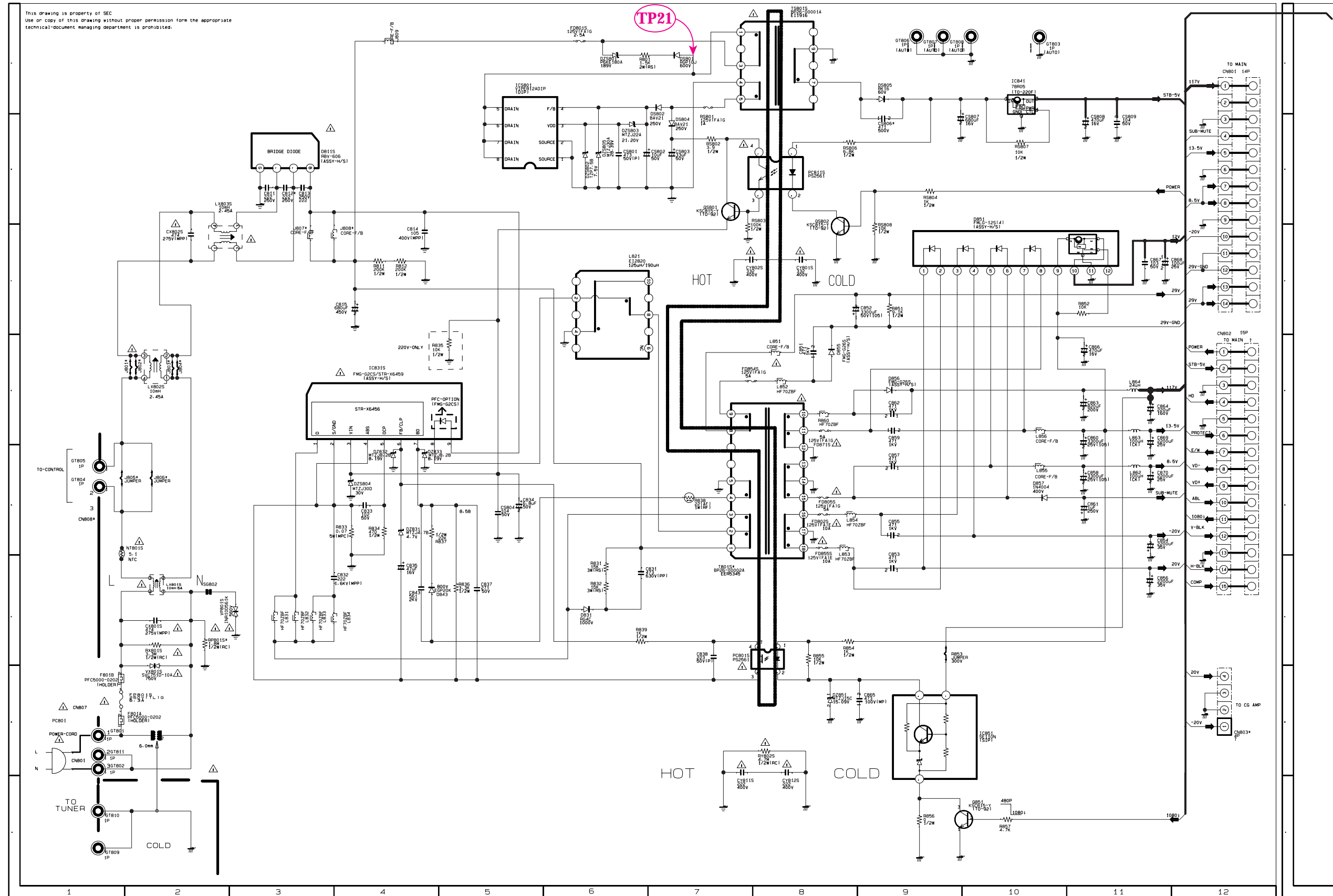
10-5 MICOM



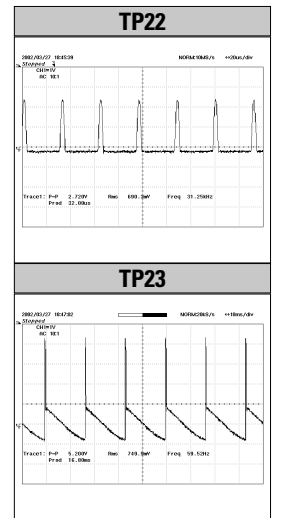
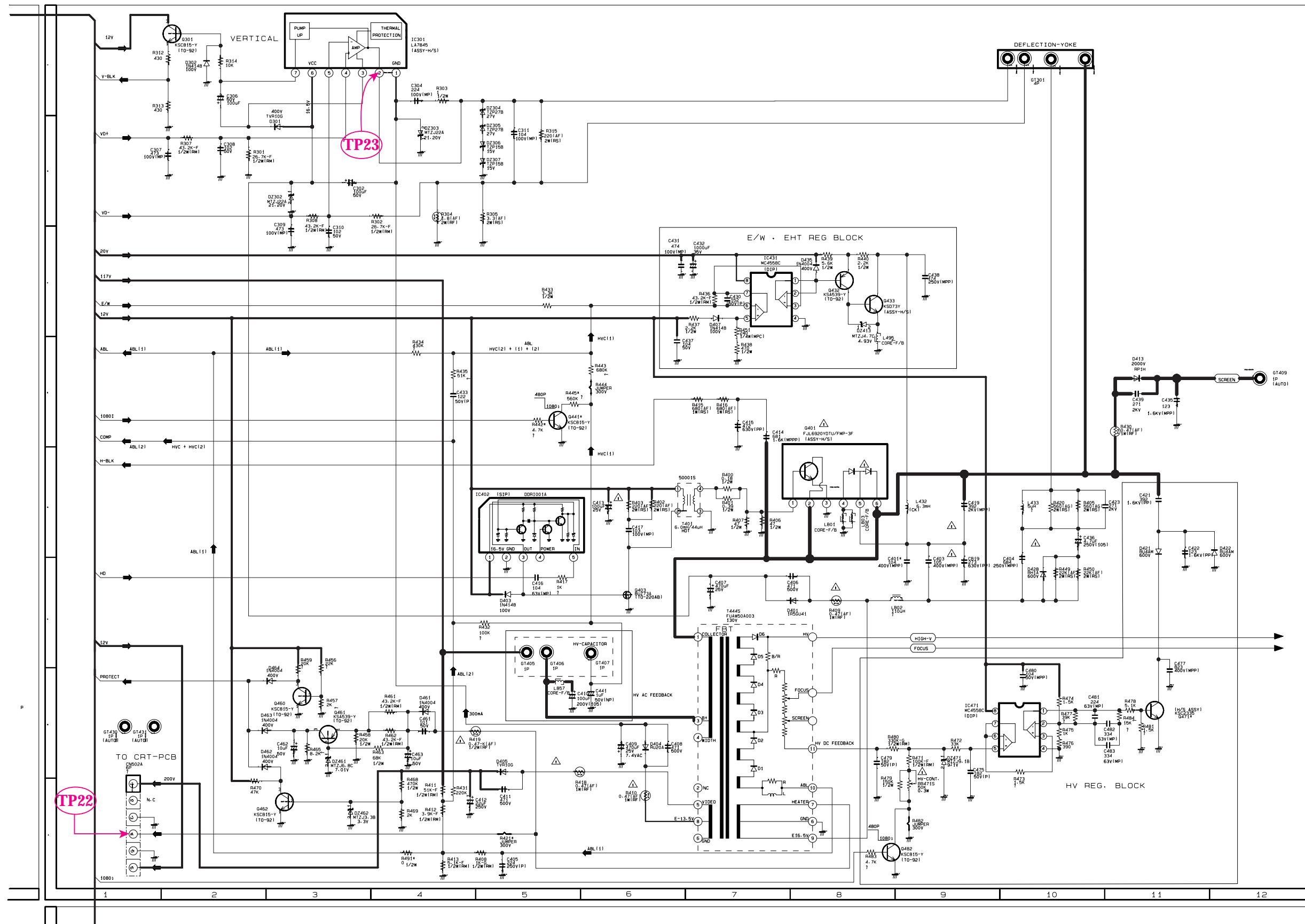
10-6 CRT



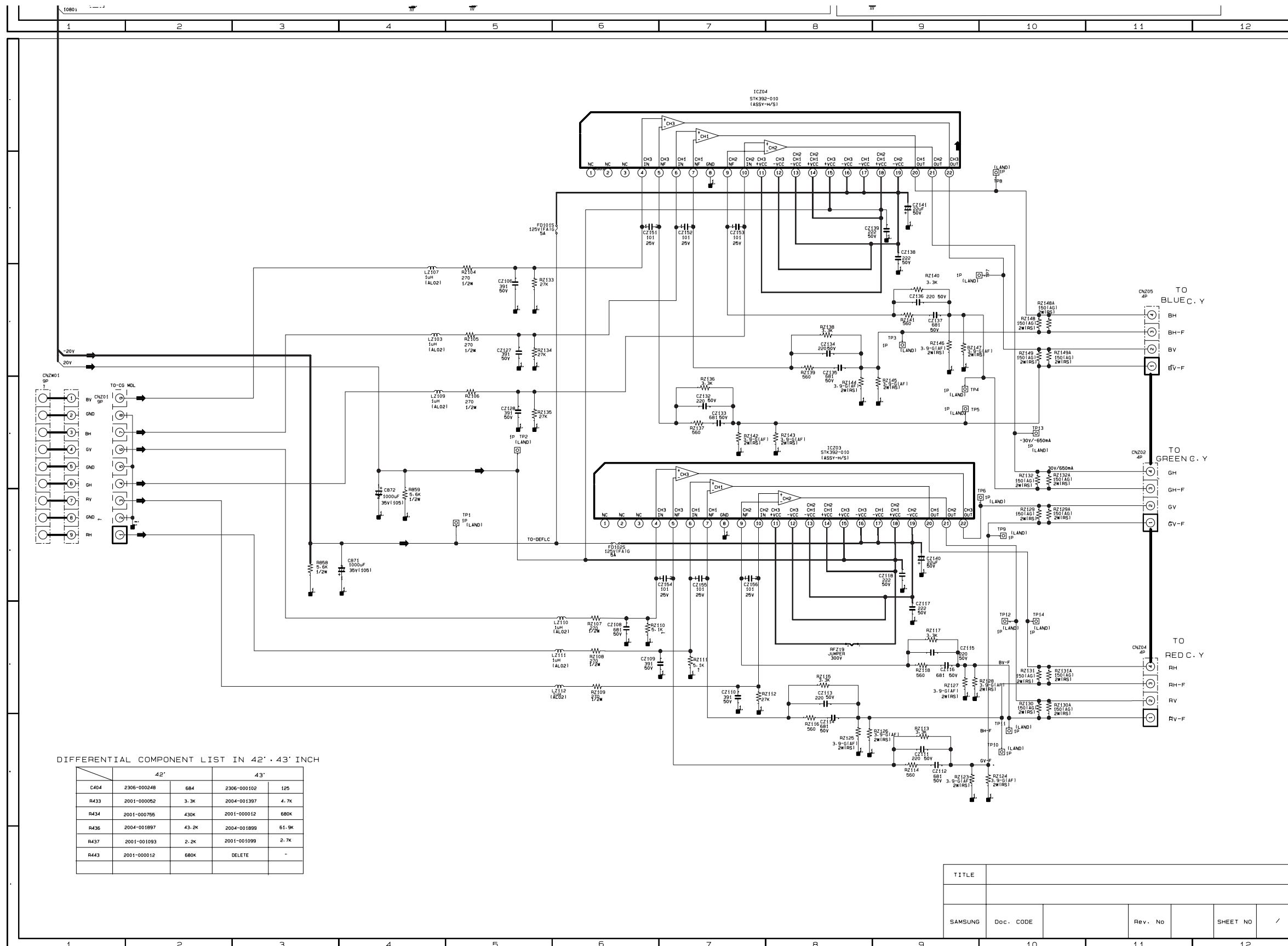
10-7 SUB 1



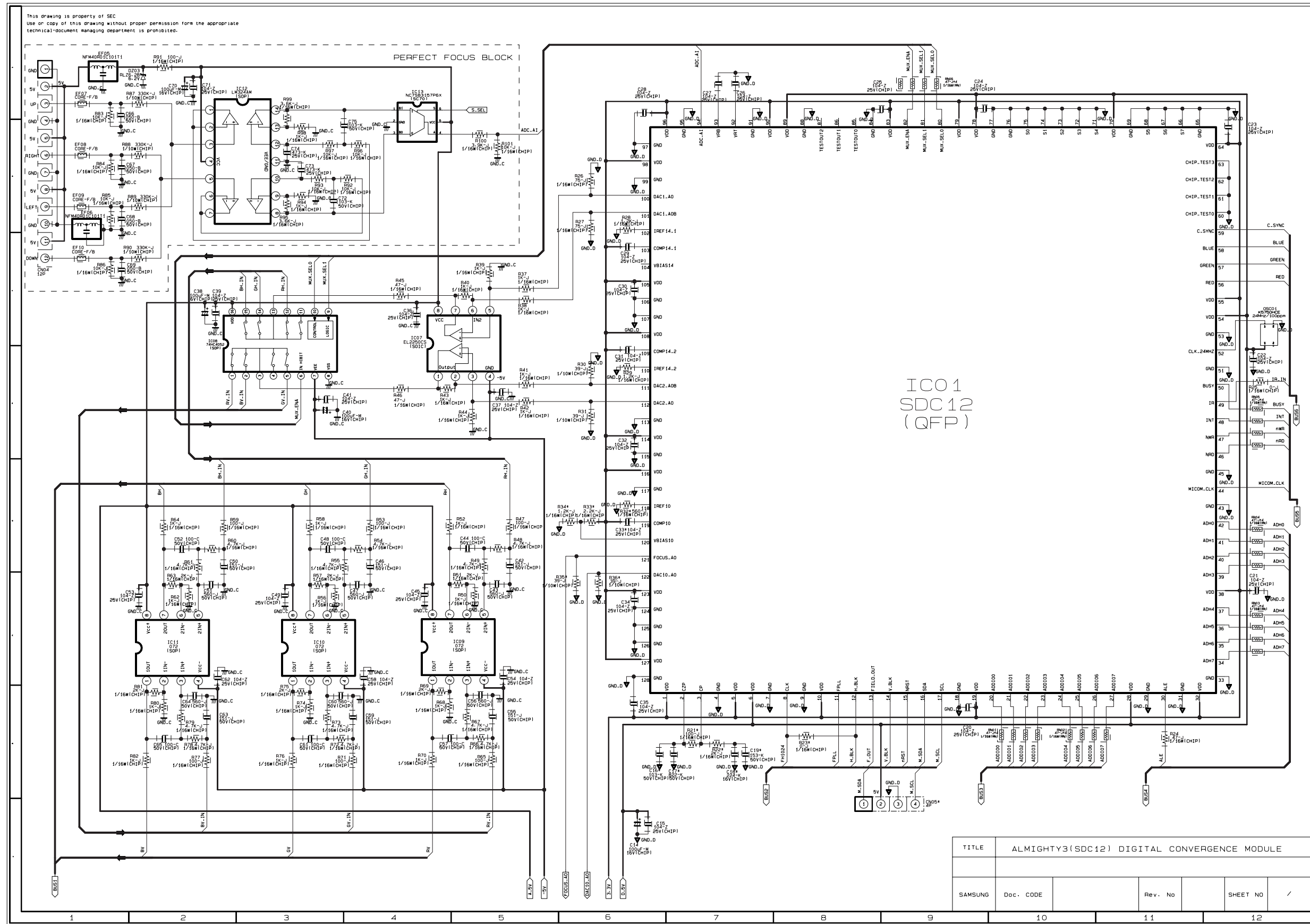
10-8 SUB 2



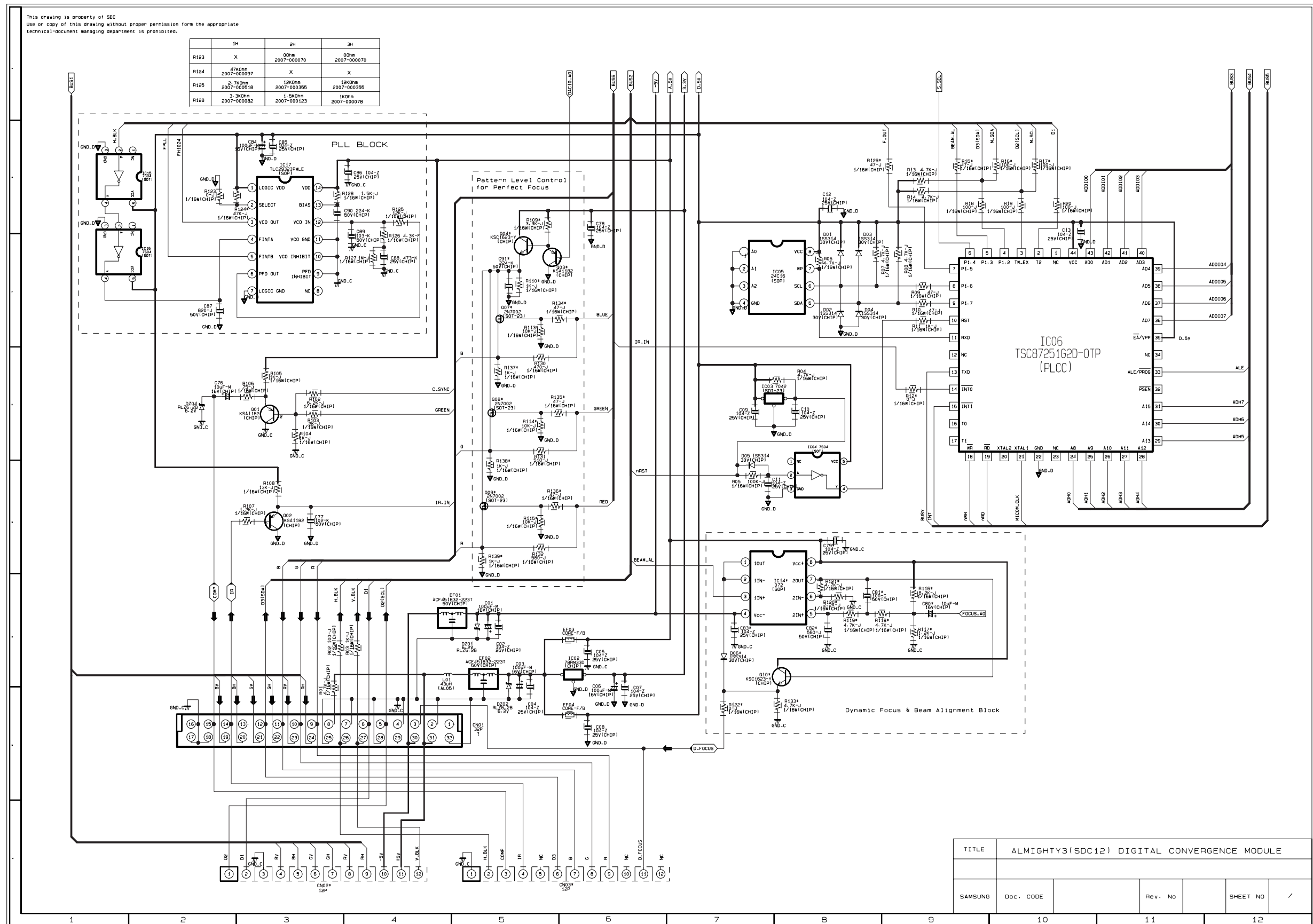
10-9 SUB 3



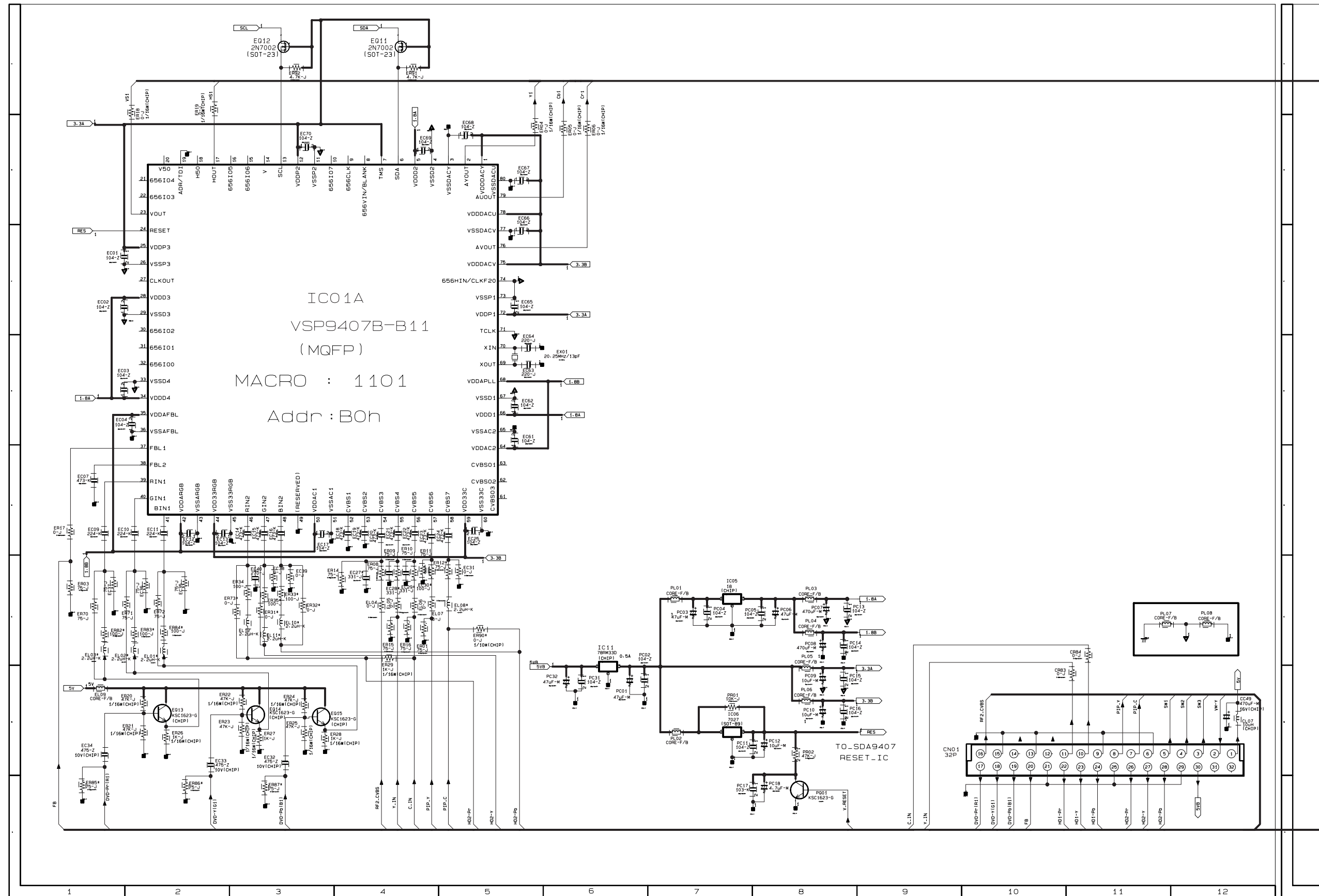
10-10 CONVERGENCE (SDC12 - 1)



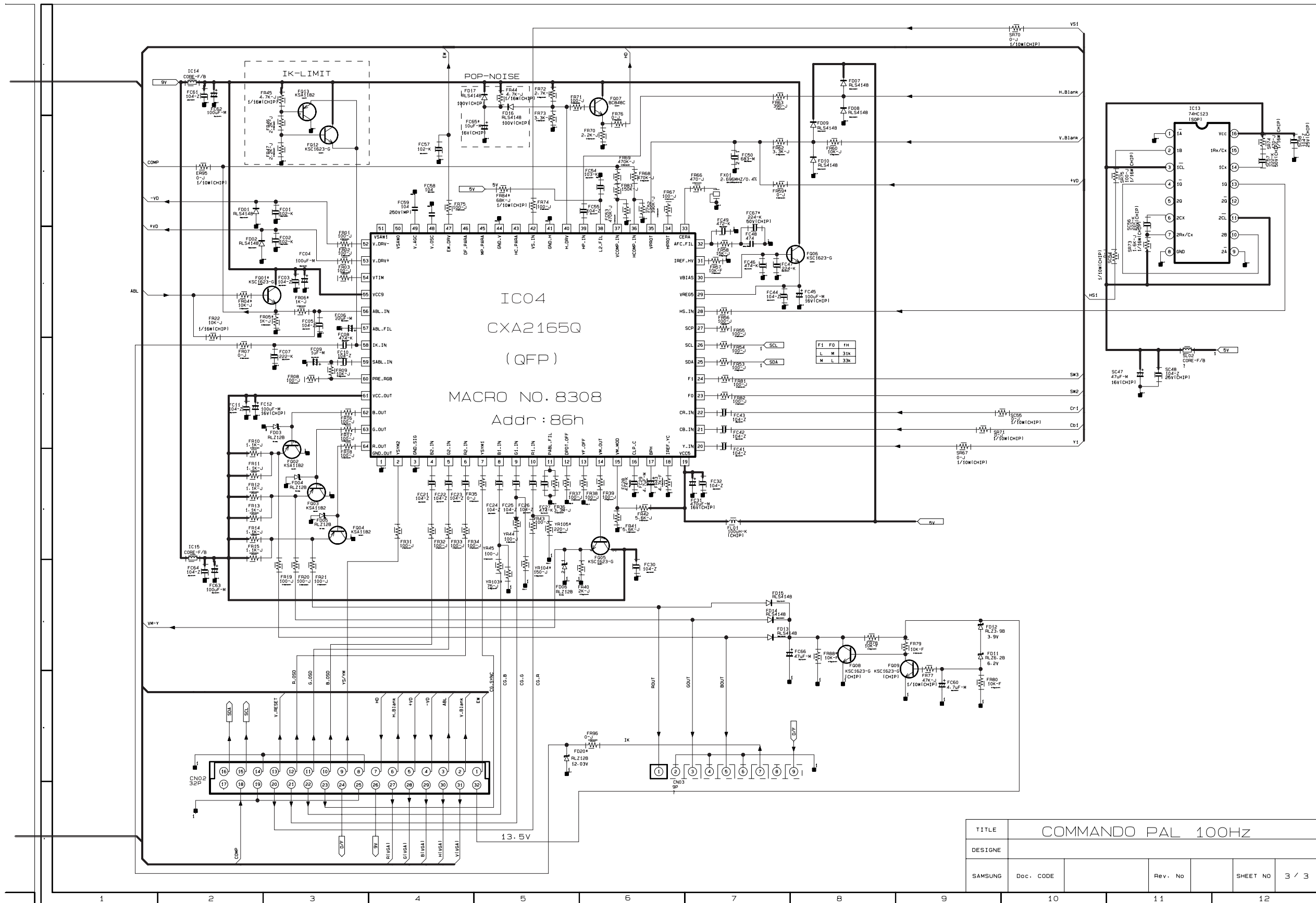
10-11 CONVERGENCE (SDC12 - 2)



10-12 PRO SCAN 1

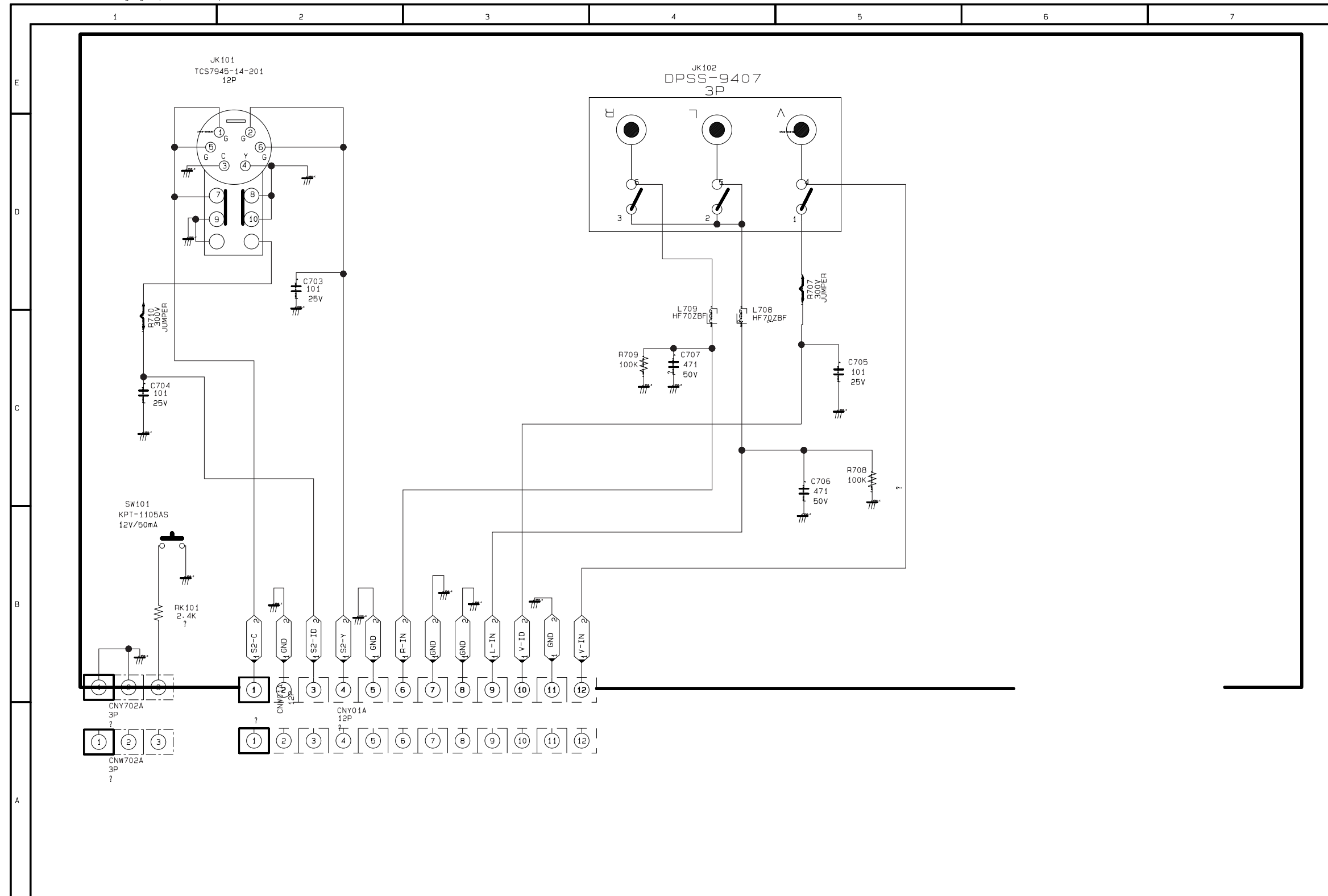


10-13 PRO SCAN 2



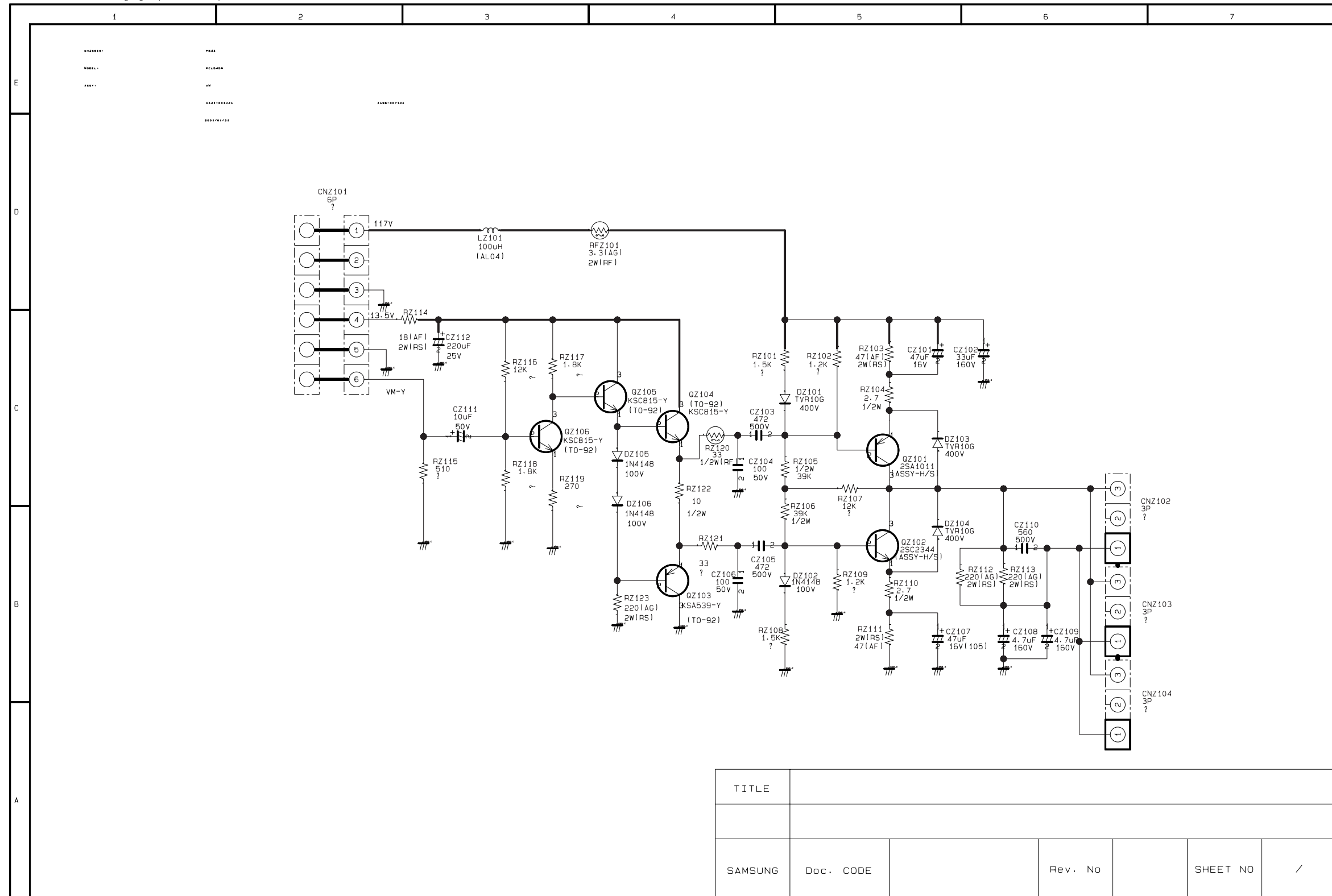
10-14 AV FRONT

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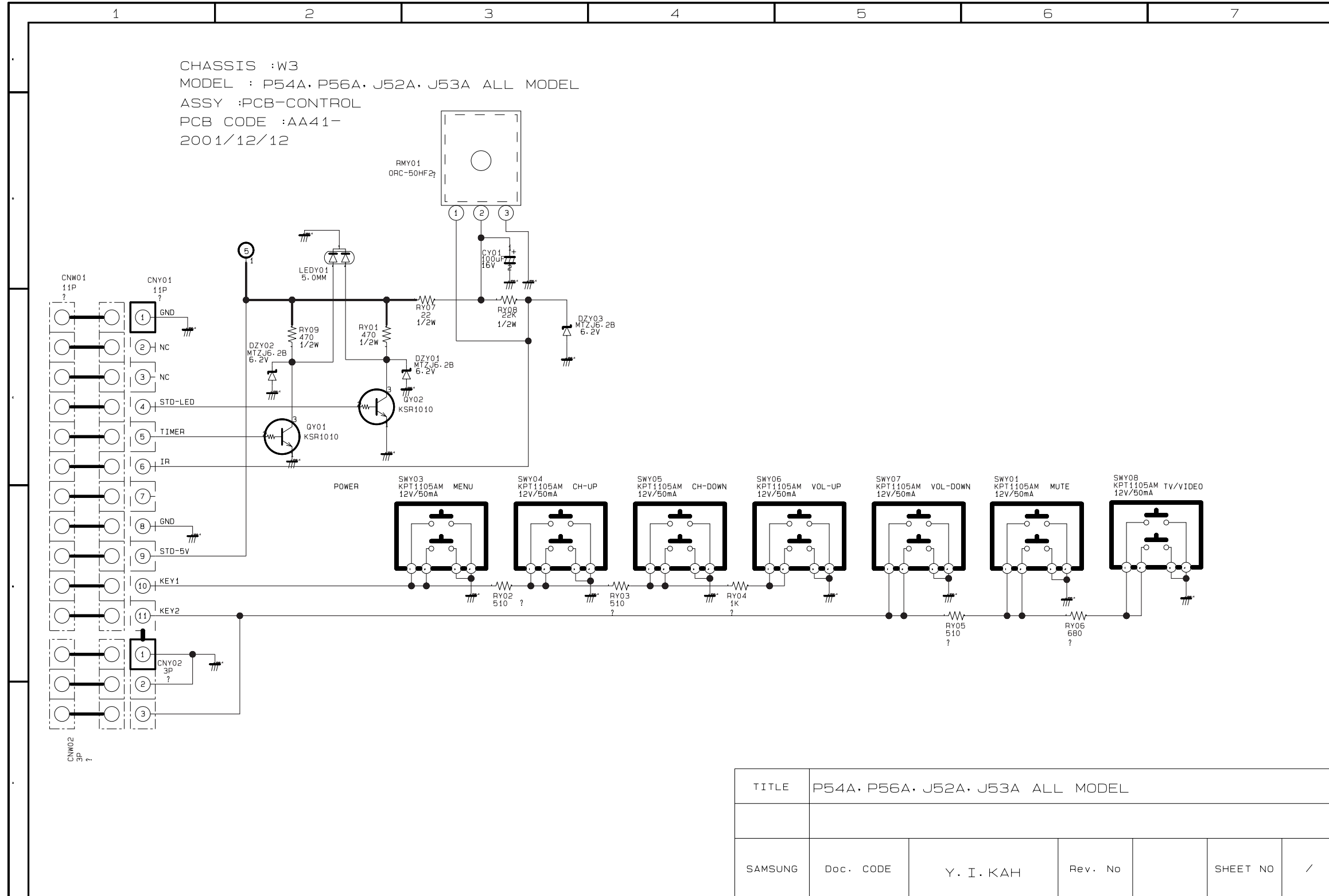
10-15 VM

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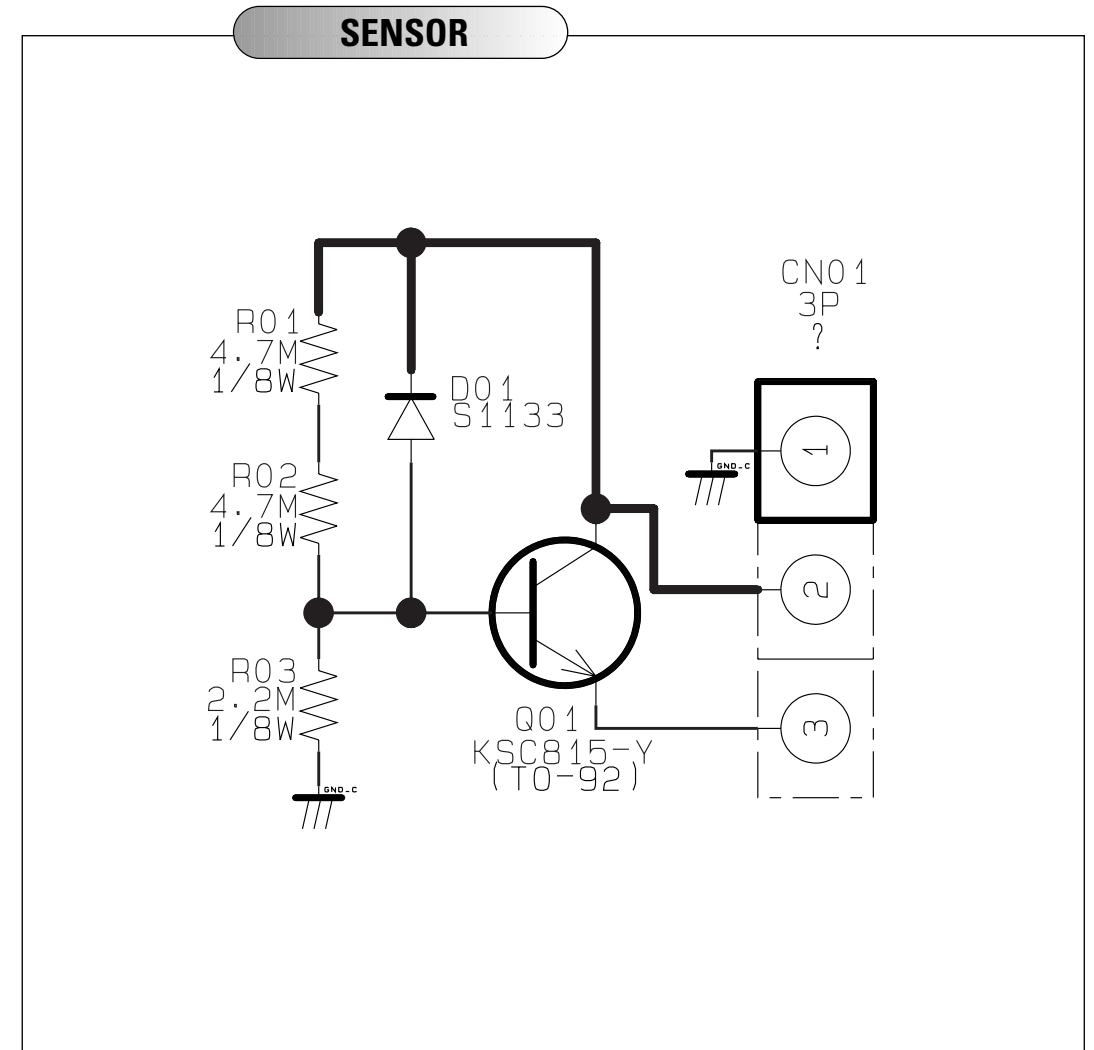
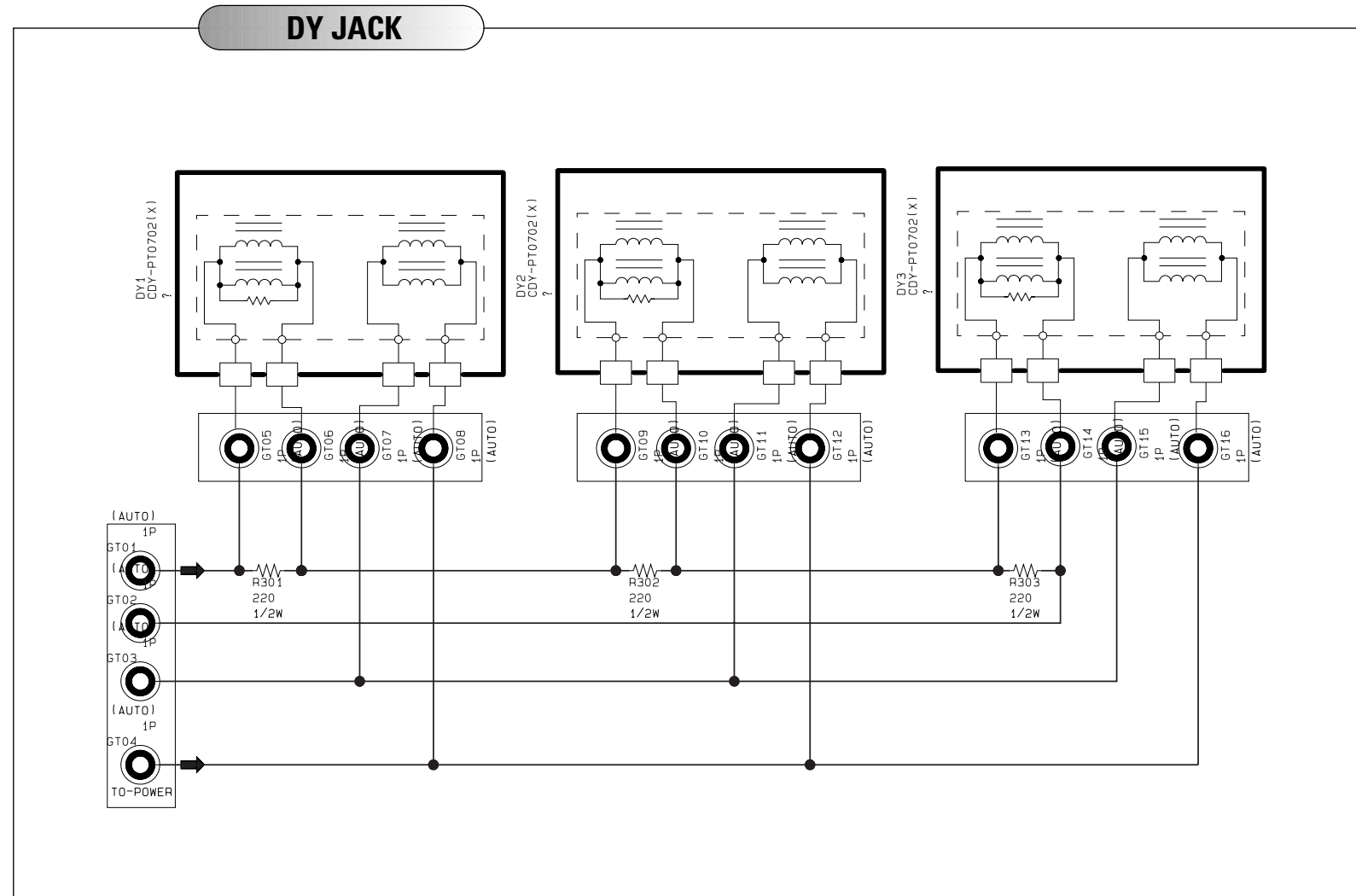


10-16 CONTROL

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10-17 DY JACK, SENSOR





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Printed in Korea
AA82-00866A