

SAMSUNG

LCD-TV

Chassis
GA46UO

Model
LT-P468W

SERVICE Manual

LCD-TV



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1 Precautions

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

1-1 Safety Precautions

1-1-1 Warnings

1. For continued safety, do not attempt to modify the circuit board.
2. Disconnect the AC power and DC Power Jack before servicing.

1-1-2 Servicing the LCD TV

1. When servicing the LCD TV disconnect the AC line cord from the AC outlet.
2. It is essential that service technicians have an accurate voltage meter available at all times. Check the calibration of this meter periodically.

1-1-3 Fire and Shock Hazard

Before returning the monitor to the user, perform the following safety checks:

1. Inspect each lead dress to make certain that the leads are not pinched or that hardware is not lodged between the chassis and other metal parts in the LCD TV.
2. Inspect all protective devices such as nonmetallic control knobs, insulating materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators, etc.
3. 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 (ANSI C101.1, *Leakage Current for Appliances*), and Underwriters Laboratories (UL Publication UL1410, 59.7).

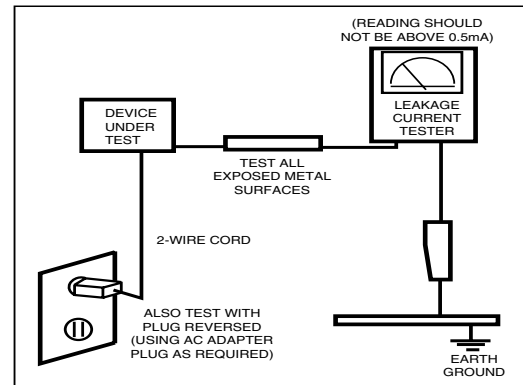


Figure 1-1. Leakage Current Test Circuit

4. With the unit completely reassembled, plug the AC line cord directly into a 120V AC 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: 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.

1-1-4 Product Safety Notices

Some electrical and mechanical parts have special safety-related characteristics which are often not evident from visual inspection. The protection they give may not be obtained by replacing them with components rated for higher voltage, wattage, etc. Parts that have special safety characteristics are identified by ⚠ on schematics and parts lists. A substitute replacement that does not have the same safety characteristics as the recommended replacement part might create shock, fire and/or other hazards. Product safety is under review continuously and new instructions are issued whenever appropriate.

1-2 Servicing Precautions

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

Caution: Before servicing units covered by this service manual, read and follow the Safety Precautions section of this manual.

Note: If unforeseen circumstances create conflict between the following servicing precautions and any of the safety precautions, always follow the safety precautions.

1-2-1 General Servicing Precautions

1. Always unplug the unit's AC power cord from the AC power source and disconnect the DC Power Jack before attempting to:
 - (a) remove or reinstall any component or assembly,
 - (b) disconnect PCB plugs or connectors, (c) connect a test component in parallel with an electrolytic capacitor.
2. 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.
3. After servicing, always check that the screws, components and wiring have been correctly reinstalled. Make sure that the area around the serviced part has not been damaged.
4. Check the insulation between the blades of the AC plug and accessible conductive parts (examples: metal panels, input terminals and earphone jacks).
5. Insulation Checking Procedure: Disconnect the power cord from the AC source and turn the power switch ON. Connect an insulation resistance meter (500 V) 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.
6. Always connect a test instrument's ground lead to the instrument chassis ground before connecting the positive lead; always remove the instrument's ground lead last.

1-3 Electrostatically Sensitive Devices (ESD) Precautions

Some semiconductor (solid state) devices can be easily damaged by static electricity. Such components are commonly called Electrostatically Sensitive Devices (ESD). Examples of typical ESD are integrated circuits and some field-effect transistors. The following techniques will reduce the incidence of component damage caused by static electricity.

1. 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. To avoid a shock hazard, be sure to remove the wrist strap before applying power to the LCD TV.
2. After removing an ESD-equipped assembly, place it on a conductive surface such as aluminum foil to prevent accumulation of an electrostatic charge.
3. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ESDs.
4. Use only a grounded-tip soldering iron to solder or desolder ESDs.
5. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static" can generate electrical charges sufficient to damage ESDs.
6. 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.
7. 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.
Caution: Be sure no power is applied to the chassis or circuit and observe all other safety precautions.
8. Minimize body motions when handling unpackaged replacement ESDs. Motions such as brushing clothes together, or lifting your foot from a carpeted floor can generate enough static electricity to damage an ESD.

2 Product Specifications

2-1 Specifications

Item	Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally black transmissive, (46 -Inch) viewable, 0.537 mm pixel pitch	
Scanning Frequency	Horizontal : 30 kHz ~ 68 kHz	Vertical : 56 Hz ~ 85 Hz
Display Colors	16,777,216 colors	
Maximum Resolution	Horizontal : 1,920 Pixels Vertical : 1,080 Pixels	
Input Video Signal	Analog, 0.7 Vp-p ± 5% positive at 75 Ω, internally terminated	
Input Sync Signal	Type : Separate H/V sync, Composite H/V, Sync-on-Green Level : TTL level	
AC power voltage & Frequency	AC 120 V, 50/60 Hz	
Power Consumption	350W (max)	
Dimensions Set (W x D x H)	54.1 x 5.7 x 27.1 Inches (1,374 x 144.5 x 688 mm) State of stand disassembled 54.1 x 15.8 x 31.1 Inches (1,374 x 402 x 789 mm) State of stand installed	
Package (W x D x H)	61.2 x 37.3 x 20.9 Inches (1,555 x 947 x 531 mm)	
Weight (Set x Package)	47 kg (103.6 lbs) State of stand installed / 60 kg (132.3 lbs)	
Environmental Considerations	Operating Temperature : 50°F ~ 104°F (10°C ~ 40°C) Humidity : 10 % ~ 80 % Storage Temperature : -4°F ~ 113°F (-20°C ~ 45°C) Humidity : 5 % ~ 95 %	
TV System	Color	NTSC-M
	Sound	BTSC, A2 STEREO, EIAJ
Antenna Input	75Ω, Coaxial Cable	
Sound Characteristics	•Max Internal speaker Out Main : Right -> 15 W / Left -> 15 W •Bass control Range : -6 ± -12dB ~ +6 ± 12dB •Treble control Range : -10 ± -12dB ~ +10 ± 12dB •Output frequency : RF -> 50 Hz~15 kHz / A/V -> 20 Hz~20 kHz •EQ : -10 ~ +10dB	
•Designs and specifications are subject to change without prior notice.		

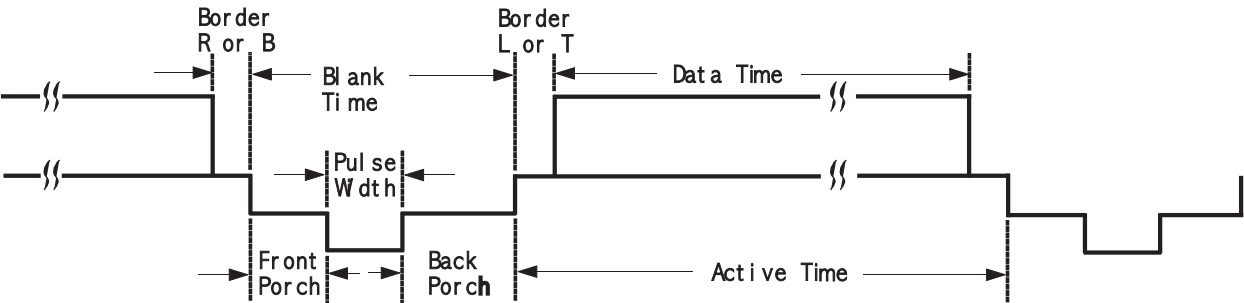
2-2 Timing Chart

2-2-1 LCD Panel mode

You can have the optimum display in the same mode as the panel pixel.

Table 2-1 Timing chart

Originator Mode Name Resolution (HxV)	VESA 1920/60Hz (Red.Blanking) 1920x1080
HORIZONTAL Frequency Total time Active time Blank time Border (L / R) Data time Front porch Sync. width Back porch Sync. polarity	66.647kHz 15.005 μ s 13.850 μ s 1.154 μ s 0.000 μ s 13.504 μ s 0.346 μ s 0.231 μ s 0.577 μ s Positive
VERTICAL Frequency Total time Active time Blank time Border (T / B) Data time Front porch Sync. width Back porch Sync. polarity	59.988Hz 16.670ms 16.205ms 0.465ms 0.000ms 16.205ms 30.009us 75.023us 360.108us Negative
Dot Clock	138.625MHz
Sync. Type	Separate
Scan Type	N/I



2-2-2 Supported Modes (1)

Table 2-2 Timing chart

Originator Mode Name Resolution (HxV)	IBM VGA1 640x350	IBM VGA2 720x400	IBM VGA3 640x480	VESA 640/72Hz 640x480	VESA 640/75Hz 640x480	VESA 800/56Hz 800x600	VESA 800/60Hz 800x600
HORIZONTAL							
Frequency	31.469kHz	31.469kHz	31.469kHz	37.861kHz	37.500kHz	35.156kHz	37.879kHz
Total time	31.778 μ s	31.777 μ s	31.778 μ s	26.413 μ s	26.667 μ s	28.444 μ s	26.400 μ s
Active time	26.058 μ s	26.058 μ s	26.058 μ s	20.825 μ s	20.317 μ s	22.222 μ s	20.000 μ s
Blank time	5.720 μ s	5.720 μ s	5.720 μ s	5.588 μ s	6.350 μ s	6.222 μ s	6.400 μ s
Border (L / R)	0.318 μ s	0.318 μ s	0.318 μ s	0.254 μ s	0.000 μ s	0.000 μ s	0.000 μ s
Data time	25.422 μ s	25.422 μ s	25.422 μ s	20.317 μ s	20.317 μ s	22.222 μ s	20.000 μ s
Front porch	0.318 μ s	0.318 μ s	0.318 μ s	0.508 μ s	0.508 μ s	0.667 μ s	1.000 μ s
Sync. width	3.813 μ s	3.813 μ s	3.813 μ s	1.270 μ s	2.032 μ s	2.000 μ s	3.200 μ s
Back porch	1.589 μ s	1.589 μ s	1.589 μ s	3.810 μ s	3.810 μ s	3.556 μ s	2.200 μ s
Sync. polarity	Positive	Negative	Negative	Negative	Negative	Positive or Negative	Positive
VERTICAL							
Frequency	70.086Hz	70.087Hz	59.940Hz	72.809Hz	75.000Hz	56.250Hz	60.317Hz
Total time	14.268ms	14.268ms	16.683ms	13.735ms	13.333ms	17.778ms	16.579ms
Active time	11.504ms	13.155ms	15.761ms	13.100ms	12.800ms	17.067ms	15.840ms
Blank time	2.764ms	1.113ms	0.922ms	0.635ms	0.533ms	0.711ms	0.739ms
Border (T / B)	0.191ms	0.222ms	0.254ms	0.211ms	0.000ms	0.000ms	0.000ms
Data time	11.122ms	12.711ms	15.253ms	12.678ms	12.800ms	17.067ms	15.840ms
Front porch	0.985ms	0.191ms	0.064ms	0.026ms	0.027ms	0.028ms	0.026ms
Sync. width	0.064ms	0.064ms	0.064ms	0.079ms	0.080ms	0.057ms	0.106ms
Back porch	1.716ms	0.858ms	0.794ms	0.528ms	0.427ms	0.626ms	0.607ms
Sync. polarity	Negative	Positive	Negative	Negative	Negative	Positive or Negative	Positive
Dot Clock	25.175MHz	28.322MHz	25.175MHz	31.500MHz	31.500MHz	36.000MHz	40.000MHz
Sync. Type	Separate	Separate	Separate	Separate	Separate	Separate	Separate
Scan Type	N/I	N/I	N/I	N/I	N/I	N/I	N/I

2-2-3 Supported Modes (2)

Table 2-3 Timing chart

Originator Mode Name Resolution (HxV)	VESA 800/72Hz 800x600	VESA 800/75Hz 800x600	VESA 1024/60Hz 1024x768	VESA 1024/70Hz 1024x768	VESA 1024/75Hz 1024x768	VESA 1280/60Hz 1280x1024	VESA 1280/75Hz 1280x1024
HORIZONTAL							
Frequency	48.077kHz	46.875kHz	48.363kHz	56.476kHz	60.023kHz	63.981kHz	79.976kHz
Total time	20.800 μ s	21.333 μ s	20.677 μ s	17.707 μ s	16.660 μ s	11.852 μ s	12.504 μ s
Active time	16.000 μ s	16.162 μ s	15.754 μ s	13.653 μ s	13.003 μ s	9.259 μ s	9.481 μ s
Blank time	4.800 μ s	5.171 μ s	4.923 μ s	4.054 μ s	3.657 μ s	3.778 μ s	3.023 μ s
Border (L / R)	0.000 μ s	0.000 μ s	0.000 μ s	0.000 μ s	0.000 μ s	0.000 μ s	0.000 μ s
Data time	16.000 μ s	16.162 μ s	15.754 μ s	13.653 μ s	13.003 μ s	9.259 μ s	9.481 μ s
Front porch	1.120 μ s	0.323 μ s	0.369 μ s	0.320 μ s	0.203 μ s	0.444 μ s	0.119 μ s
Sync. width	2.400 μ s	1.616 μ s	2.092 μ s	1.813 μ s	1.219 μ s	1.037 μ s	1.067 μ s
Back porch	1.280 μ s	3.232 μ s	2.462 μ s	1.920 μ s	2.235 μ s	2.296 μ s	1.837 μ s
Sync. polarity	Positive	Positive	Negative	Negative	Positive	Positive	Positive
VERTICAL							
Frequency	72.188Hz	75.000Hz	60.004Hz	70.069Hz	75.029Hz	60.020Hz	75.025Hz
Total time	13.853ms	13.333ms	16.666ms	14.272ms	13.328ms	16.005ms	13.329ms
Active time	12.480ms	12.800ms	15.880ms	13.599ms	12.795ms	15.630ms	12.804ms
Blank time	1.373ms	0.533ms	0.786ms	0.673ms	0.533ms	0.375ms	0.525ms
Border (T / B)	0.000ms	0.000ms	0.000ms	0.000ms	0.000ms	0.000ms	0.000ms
Data time	12.480ms	12.800ms	15.880ms	13.599ms	12.795ms	15.630ms	12.804ms
Front porch	0.770ms	0.021ms	0.062ms	0.053ms	0.017ms	0.016ms	0.013ms
Sync. width	0.125ms	0.064ms	0.124ms	0.106ms	0.050ms	0.047ms	0.038ms
Back porch	0.478ms	0.448ms	0.600ms	0.513ms	0.466ms	0.594ms	0.475ms
Sync. polarity	Positive	Positive	Negative	Negative	Positive	Positive	Positive
Dot Clock	50.000MHz	49.500MHz	65.000MHz	75.000MHz	78.750MHz	108.00MHz	135.00MHz
Sync. Type	Separate	Separate	Separate	Separate	Separate	Separate	Separate
Scan Type	N/I	N/I	N/I	N/I	N/I	N/I	N/I

Table 2-4 Abbreviations

A	Ampere	MV	Megavolt
Ah	Ampere-hour	MW	Megawatt
Å	Angstrom	M	Megohm
dB	Decibel	m	Meter
dBm	Decibel Referenced to One Milliwatt	A	Microampere
C	Degree Celsius	F	Microfarad
F	Degree Fahrenheit	H	Microhenry
K	degree Kelvin	m	Micrometer
F	Farad	s	Microsecond
G	Gauss	W	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		Ohm
k	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 2-5 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		

Memo

4 Alignments and Adjustments

4-1. Factory Mode OSD

4-1-1 Entering Factory Mode

- a. To enter "Service Mode" Press the remote -control keys in this sequence :

- If you do not have Factory remote - control



- b. Adjust separately according to each input mode for factory mode adjustment.

- Mode 1 : RF - Mode 2 : CVBS 1, 2 - Mode 3 : S-VHS 1, 2 - Mode 4 : DVD(480i, 480P, 720P, 1080i)
- Mode 5 : PC - Mode 6 : DVI

※ Adjust with Offset and other adjustment item in case there is data difference according to item of the same mode.

- c. Cancellation method : - Power off => On, Factory reset => Power On

- d. Factory OSD Main Menu

Factory
01. uPD64083
02. VSP9437
03. FLI 2310
04. Gm1601H
05. DN1e PRO
06. OPTION
07. Bus Stop Off
08. Panel Adjust
09. Reset
 Check Sum : 0000
 03/19T-GAIA 46NKR-1001

01. uPD64083

Item : OSD	Adjustment IC	Sub Address'h	Range	Input mode intial value					Remark
				TV (RF)	CVBS1,2 S-VHS1,2	Comp1,2 480i 480p, 720p 1080i	PC	DVI / HDMI	
uPD64083	uPD64083	-	-	Mode-1	Mode-2, 3	Mode-4, 5	Mode-6	Mode-7	-
VAPGAIN		0X0A[D7:D5]	0~7	0	→	x	x	x	
VAPINV		0X0A[D4:D0]	0~1F	15	→	x	x	x	
YPFT		0X0B[D5:D4]	0~3	3	→	x	x	x	
YPFG		0X0B[D3:D0]	0~F	10	→	x	x	x	

note:

1. VAPGIAN : Specifies a vertical aperture compensation convergence gain.
2. VAPINV : Specifies a vertical aperture compensation convergence point.
3. YPFT : Specifies the Y peaking filter(BPF) center frequency
4. YPFG : Specifies a Y peaking filter gain.

※ Vertical Sharpness Enhancement : VAPGIAN, VAPINV

※ Horizontal Sharpness Enhancement : VPFT VPFG

02. VSP9437

Item : OSD	Adjustment IC	Sub Address'h	Range	Input mode intial value					Remark
				TV (RF)	CVBS1,2 S-VHS1,2	Comp1,2 480i 480p, 720p 1080i	PC	DVI / HDMI	
VSP9437	VSP9437	-	-	Mode-1	Mode-2, 3	Mode-4, 5	Mode-6	Mode-7	-
U-Saturation		0X83 [5:0]	0~63	40	→	x	x	x	-
V-Saturation		0X82 [5:0]	0~63	40	→	x	x	x	-
Contrast		0X42 [9:4]	0~63	33	→	x	x	x	-
Brightness		0X42 [15:10]	-15~48	62	→	x	x	x	User Bright Adjustment interlocking automation -> 06
APK-1st-BPM		4A [5:4] 49 [10:9]	0~15	1	→	x	x	x	-
APK-2nd-BPM		49 [8:6]	0~7	1	1	x	x	x	-
Denoise-BPM		49 [5:4]	0~3	1	→	x	x	x	-
APK-1st-HPM		4A [3:2] 4A [15:14]	0~15	0	1	x	x	x	-
APK-2nd-HPM		4A [13:11]	0~7	0	1	x	x	x	-
Denoise-HPM		4A [10:9]	0~3	0	→	x	x	x	-
Y/C Delay Master		07 [12:8]	-16~15	0	→	x	x	x	-
AGC-R Gain		0XA8 [15:10]	0~63	63	→	x	x	x	-
AGC-G Gain		0XA9 [15:10]	0~63	63	→	x	x	x	-
AGC-B Gain		0XA8 [9:4]	0~63	63	→	x	x	x	-
AGC-RB offset		0XA9 [3:1]	0~63	15	→	x	x	x	-
AGC-G offset		0XA5 [11:10]	0~63	3	→	x	x	x	-
CORING on/off		0X4A [1BIT]	ON/OFF	1	→	x	x	x	-
TINT MASTER		0X08h [A7-A0]	0~255	0	→	x	x	x	-
TINT SLAVE		0X6C [A7-A0]	0~255	0	→	x	x	x	-
APK-1st BPS		96 [5:4] 95 [10:9]	0~15	1	-	x	x	x	-
APK-2nd BPS		95 [8:6]	0~7	1	→	x	x	x	-
Denoise-BPS		95 [5:4]	0~3	1	→	x	x	x	-
APK-1st-HPS		96 [3:2] 96 [15:14]	0~15	0	1	x	x	x	-
APK-2nd-HPS		96 [13:11]	0~7	0	→	x	x	x	-
Denoise-HPS		96 [10:9]	0~3	0	→	x	x	x	-
Y/C Delays		6B [12:8]	-16~15	0	→	x	x	x	-
NR		19 [6bit] 7B [6bit]	OFF	ON	→	x	x	x	-
RGB Brightness		-	13	13	→	x	x	x	-
RGB Contrast		-	41	41	→	x	x	x	-
Wetrical Peaking		-	16	16	→	x	x	x	By-pass : 16
LTIM		-	ON	OFF	→	x	x	x	-
✱ Adjusted data should be saved separately according to each input mode.									

03. FLI2310

Item : OSD	Adjustment IC	Sub Address'h	Range	Input mode initial value					Remark
				TV (RF)	CVBS1,2 S-VHS1,2	Comp1,2 480i 480p, 720p 1080i	PC	DVI / HDMI	
FLI2310	FLI2310	-	-	Mode-1	Mode-2, 3	Mode-4, 5	Mode-6	Mode-7	-
FLI-Saturation		0X304 [7:0]	0~255	140	→	x	x	x	-
FLI-Contrast		0X302 [7:0]	0~255	130	→	x	x	x	-
FLI-Brightness		0X303 [7:0]	0~255	110	→	x	x	x	User Bright Adjustment interlocking
Henh Gain		0X305 [7:0]	0~255	0	→	x	x	x	-
Hle Gain		0X307 [7:0]	0~255	64	→	x	x	x	-
Hchr En Gain		0X30E [7:0]	0~255	64	→	x	x	x	-
Fli-Y		0X038 [2:0]	0~7	6	→	x	x	x	-
Fli-C		0X142 [3:0]	0~15	11	→	x	x	x	-
V-motion Thresh		0X16E [7:0]	0~255	46	30	x	x	x	-
Venh Thresh		0X321 [4:0]	0~31	6	→	x	x	x	-
Venh Gain		0X322 [3:0]	0~15	2	→	x	x	x	-
G Bright		0X34E [10:0]	0~2047	0	→	x	x	x	-
B Bright		0X350 [10:0]	0~2047	4	→	x	x	x	-
R Bright		0X352 [10:0]	0~2047	4	→	x	x	x	-
Hden Level		0X30B [4:0]	0~31	12	→	x	x	x	-
NRI		-	Off	On	→	x	x	x	-
HDetail		-	3	3	→	-	-	-	-

04. Gm 1601H

Item : OSD	Adjustment IC	Sub Address'h	Range	Input mode intial value						Remark
				TV (RF)	CVBS1,2 S-VHS1,2	Comp1,2 480i 480p, 720p 1080i		PC	DVI / HDMI	
Gm1601H	Gm1601H	-	-	Mode-1	Mode-2, 3	Mode-4, 5		Mode-6	Mode-7	Automatic Code
Adc_Red_Offset		0X30FA	0~255	x	x	←		50(Auto Color)	x	-
Adc_Grn_Offset(SBT)		0X3100	0~255	x	x	←		50(Auto Color)	x	-
Adc_Blu_Offset		0X3106	0~255	x	x	←		50(Auto Color)	x	-
Adc_Red_Gain		0X30FC	0~255	x	x	←		286(Auto Color)	x	-
Adc_Grn_Gain		0X3102	0~255	x	x	←		286(Auto Color)	x	-
Adc_Blu_Gain		0X3108	0~255	x	x	←		286(Auto Color)	x	-
R_Cutoff		-	0~255	←	←	←		128	→	03
G_Cutoff		-	0~255	←	←	←		128	→	04
B_Cutoff		-	0~255	←	←	←		128	→	05
R_Gain		-	0~255	←	←	←		255	→	00
G_Gain		-	0~255	←	←	←		255	→	01
B_Gain		-	0~255	←	←	←		255	→	02
Flesh Tone		-	0~3	←	←	←		0	→	-
Auto Color		-	No/Yes	←	←	←		1024x768 60h	x	-
Gamma Tbi		-	Off	ON	ON	ON		Off	→	-
H Sharpness		-	0~12	9	10	8	7	6	→	-
V Sharpness		-	0~12	2	3	5	3	6	→	-

※ PC (Mode-6) Mode Adjustment : PC Analog “Grey Scale Pattern” to Auto Color adjustment.

※ Component (Mode-4,5) Mode Adjustment : Component 480p, 1080i Mode to Auto Color DNIe White Balance adjustment.

05. DNle Pro

Item : OSD	Adjustment IC	Sub Address'h	Range	Input mode intial value					Remark
				TV (RF)	CVBS1,2 S-VHS1,2	Comp1,2 480i 480p, 720p 1080i	PC	DVI / HDMI	
DNle Pro	DNle Pro	-	-	Mode-1	Mode-2, 3	Mode-4, 5	Mode-6	Mode-7	Automatic Code
Pattern_SEL		0x0020	0000~0013	0	→	0	→	→	-
NR_LimitY		0x009B	0081~FF81	125	→	125	→	→	-
NR_LimitC		0x009B	7D00~7DFF	129	→	129	→	→	-
NR_SEL		0x0090	0000~3000	2	→	2	→	→	-
DEP_Gain 1_X		0x0100	4000~7F00	89	→	74	→	→	high frequency range
DEP_Gain 1_Y		0x0101	0009~3F00	25	→	10	→	→	-
DEP_Gain 2_X		0x0101	0600~063F	15	→	3	→	→	low frequency range
DEP_Gain 2_Y		0x0102	0000~3F00	20	→	3	→	→	-
DEP_Scale_R		0x010A	B800~B8FF	64	→	64	→	→	-
DEP_Sup_ScaleTH1		0x0109	006B~1F6B	3	→	3	→	→	-
DEP_Sup_ScaleTHF		0x0109	0300~03FF	16	→	16	→	→	-
WTE_MCCT_FAC		0x0135	0000~03FF	150	→	150	→	→	-
DEC_Adap_SEL		0x00D2	1400~1403	1	→	2	→	→	-
BS_Tilt		0x00F3	00C8~FFC8	80	→	80	→	→	By-pass : 64
BS_GainMax		0x00F5	0000~03FF	400	→	350	→	→	By-pass : 330
NE_Core		0x00A9	01A0~01AF	3	→	3	→	→	-
NE_RTH2		0x00A4	11F0~11FF	3	→	3	→	→	-
CTE_H_min		0x0155	0000~02FF	6	→	6	→	→	-
DNlePro_R Gain		0x0160	0~255	124	→	125	128(Fixed)	→	00
DNlePro_G Gain		0x0160	0~255	128(Fixed)	→	128(Fixed)	128(Fixed)	→	-
DNlePro_B Gain		0x0161	0~255	144	→	146	128(Fixed)	→	02
DNlePro_R Cutoff		0x0161	0~255	133	→	125	128(Fixed)	→	03
DNlePro_G Cutoff		0x162	0~255	128(Fixed)	→	128(Fixed)	128(Fixed)	→	-
DNlePro_B Cutoff		0x162	0~255	135	→	124	128(Fixed)	→	05
CTE		-	Off	Off	-	Off	Off	-	-
CE		-	On	On	-	On	On	-	-

06. OPTION

Auto Power	on
DNLe Demo	on
High Devi	off
V Chip	off
DDC Protect	off
High Pilot	12
Low Pilot	7
AV Snd Delay	3
DTV Snd Delay	2
Channel Video Mute	On
LNA	On
Anynet	On
Inch	46 Inch
Video Recall	

07. Bus Stop Off

08. Panel Adjust

1. ANA DIMMING	180
2. PWM DIMMING	255
3. 12C(ANA DIMMING) CHECK	
4. 12C_Mean_OFS	0

09. Reset

- Reset to initial condition

4-2 White Balance in each Mode Coordinates

Mode		AV (RF, S-VHS)	DVD(480i/p)	DTV(720p/1080i)	PC (RGB)	DVI(DTV)
W/B	High	260,260 + / -2	260,260 + / -2	260,260 + / -2	260,260 + / -2	260,260 + / -2
		64Ft + / -15	64Ft + / -15	64Ft + / -15	64Ft + / -15	64Ft + / -15
	Low	270,260 + / -5	270,260 + / -5	270,260 + / -5	270,260 + / -5	270,260 + / -5
		0.5Ft + / -0.05	0.5Ft + / -0.05	0.5Ft + / -0.05	0.5Ft + / -0.05	0.5Ft + / -0.05
Gm1601 adc_Red_offset		x	Low Light Adjustment (x) (Gm1601 not Adjustment)	Low Light Adjustment (x) (Gm1601 not Adjustment)	50 (Auto Color)	x
Gm1601 adc_Grn_offset		x	Low Light Brightness Adjustment	Low Light Brightness Adjustment	50 (Auto Color)	x
Gm1601 adc_Blu_offset		x	Low Light Adjustment (y) (Gm1601 not Adjustment)	Low Light Adjustment (y) (Gm1601 not Adjustment)	50 (Auto Color)	x
Gm1601 adc_Blu_Gain		x	High Light Adjustment (x) (Gm1601 not Adjustment)	High Light Adjustment (x) (Gm1601 not Adjustment)	128 (Auto Color)	x
Gm1601 adc_Grn_Gain		x	←	←	128 (Auto Color)	x
Gm1601 adc_Red_Gain		x	High Light Adjustment (y) (Gm1601 not Adjustment)	High Light Adjustment (y) (Gm1601 not Adjustment)	128 (Auto Color)	x
(Gm1601) R_Cutoff		←	←	←	128	→
(Gm1601) G_Cutoff		←	←	←	128	→
(Gm1601) B_Cutoff		←	←	←	128	→
DNLePro R_Cutoff		Low Light Adjustment (x)	→	Low Light Adjustment (x)	128(Fixed)	Low Light Adjustment (x)
DNLePro G_Cutoff		128(Fixed)	→	128(Fixed)	128(Fixed)	128(Fixed)
DNLePro B_Cutoff		Low Light Adjustment (y)	→	Low Light Adjustment (y)	128(Fixed)	Low Light Adjustment (y)
DNLePro R_Gain		High Light Adjustment (x)	→	High Light Adjustment (x)	128(Fixed)	High Light Adjustment (x)
DNLePro G_Gain		128(Fixed)	→	128(Fixed)	128(Fixed)	128(Fixed)
DNLePro B_Gain		High Light Adjustment (y)	→	High Light Adjustment (y)	128(Fixed)	High Light Adjustment (y)

- Brightness adjustment for each model

- There is no High Light brightness adjustment. Use Wide Range Tolerance to inspect brightness.
- In other Modes except PC Mode, adjust Low/High Light Color the same way.
- Use IC Limitation to correct White Balance distortion in sub-screen of PIP/POP Picture.

1. "Auto Color" adjustment in PC Mode

- In an attempt to prevent Set-top Box Greenish problem, turn DNLe RGB White Balance Data of Micom Softwar Setting Offset.

2. AV (CVBS) Mode White Balance adjustment (Color axes adjustment and Low Light brightness adjustment)

- adjust VSP9437 Brightness to control Low Light brightness value

3. 480p Mode Mode White Balance adjustment (Color axes adjustment or Low Light brightness adjustment)

- Turn Micom Software Offset when entering 480i after adjustment in 480p

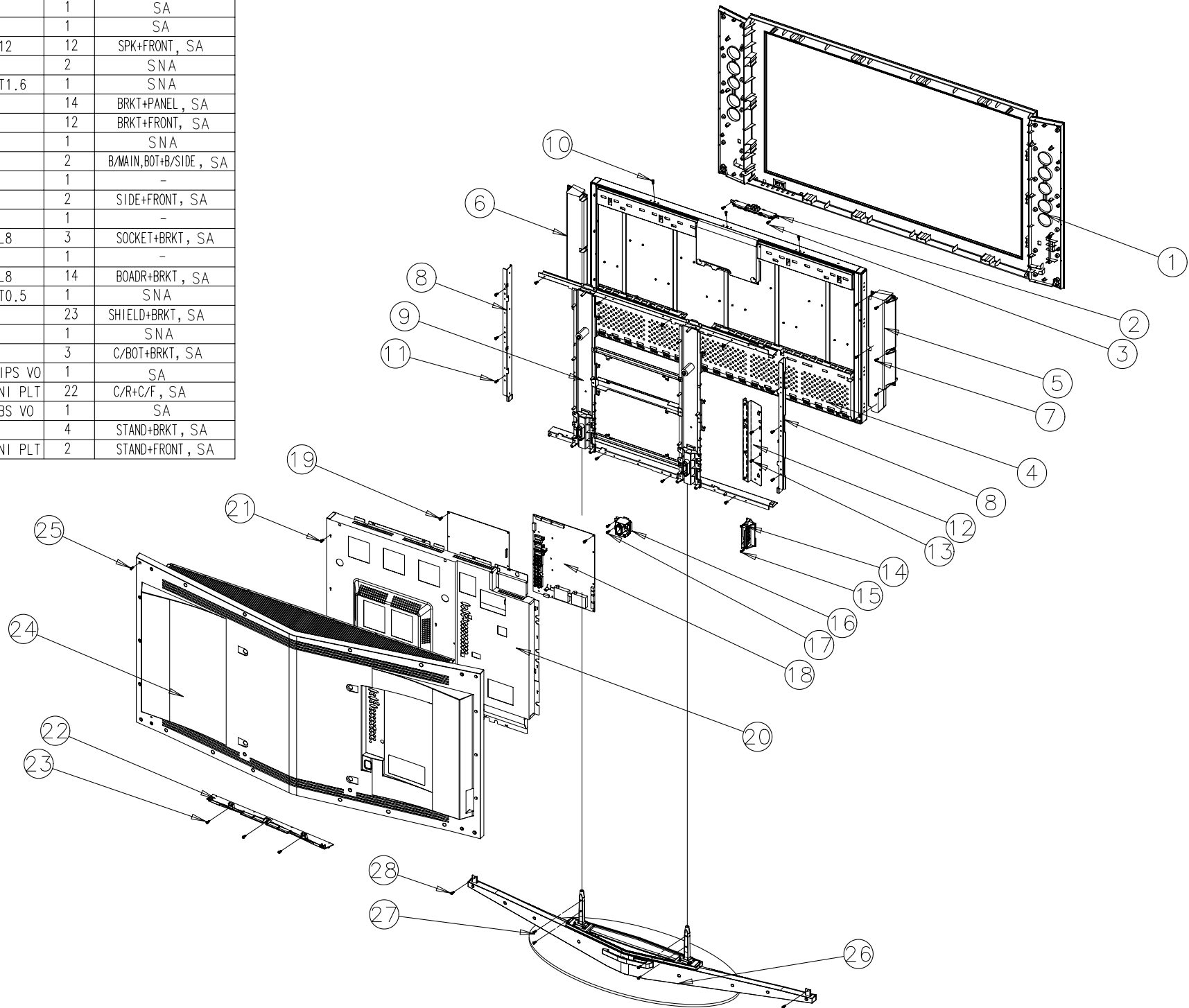
4. 1080i Mode White Balance adjustment (Color axes adjustment or Low Light brightness adjustment)

- Turn Micom Software Offset when entering 720p after adjustment in 1080i.

6 Exploded View and Parts List

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

NO.	DESCRIPTION	CODE NO.	SPECIFICATION	Q'TY	REMARK
1	ASSY COVER-FRONT	BN96-00977B	ABS V0	1	GA46J0 , SA
2	ASSY FUNCTION-PCB	BN96-01314A	GAIA 46	1	SNA
3	SCREW-TAPTITE	6003-000010	BWH,M3,L10	2	FUNC+FRONT , SA
4	PANEL	BN07-00157A	46" PANEL	1	SA
5	ASSY SPEAKER,L	BN96-00958A	GAIA, LEFT	1	SA
6	ASSY SPEAKER,R	BN96-00959A	GAIA,RIGHT	1	SA
7	SCREW-TAPTITE	6006-001095	WP,BH,M4,L12	12	SPK+FRONT , SA
8	BRKT-SIDE	BN61-00988A	SECC T1.0	2	SNA
9	ASSY BRKT-FRAME	BN96-01093A	GAIA,SECC T1.6	1	SNA
10	SCREW-MACHINE	6001-001786	TH,M4,L8	14	BRKT+PANEL , SA
11	SCREW-TAPTITE	6003-001019	RH,M4,L12	12	BRKT+FRONT , SA
12	BRKT-MAIN,BOT	BN61-00993A	SECC T1.2	1	SNA
13	SCREW-TAPTITE	6003-001019	RH,M4,L12	2	B/MAIN,BOT+B/SIDE , SA
14	ASSY SIDE-AV	BN96-01315B	GAIA 46"	1	-
15	SCREW-TAPTITE	6003-001019	RH,M4,L12	2	SIDE+FRONT , SA
16	ASSY POWER,SOCKET	BN94-00443U	GAIA 46"	1	-
17	SCREW-TAPTITE	6006-000245	WSP,PH,M4,L8	3	SOCKET+BRKT , SA
18	BOARD ASSY	BN94-00572K	GAIA 46"	1	-
19	SCREW-ASSY MACH	6006-001132	WSP,PH,M3,L8	14	BOADR+BRKT , SA
20	ASSY SHIELD	BN96-01122B	GAIA,SECC T0.5	1	SNA
21	SCREW-TAPTITE	6003-001019	RH,M4,L12	23	SHIELD+BRKT , SA
22	COVER-BOTTOM	BN63-01122A	ABS,V0	1	SNA
23	SCREW-TAPTITE	6003-001019	RH,M4,L12	3	C/BOT+BRKT , SA
24	ASSY COVER-REAR	BN96-00978B	GAIA 46",HIPS V0	1	SA
25	SCREW-TAPTITE	6003-001323	BH,M4,L12,NI PLT	22	C/R+C/F , SA
26	ASSY STAND	BN96-01165A	GAIA 46",ABS V0	1	SA
27	SCREW-TAPPING	6002-001290	RH,M4,L20	4	STAND+BRKT , SA
28	SCREW-TAPTITE	6003-001323	BH,M4,L12,NI PLT	2	STAND+FRONT , SA



Memo

7 Electrical Parts List

* You can search for updated part codes through ITSELF web site.

URL : <http://itself.sec.samsung.co.kr/>

7-1 Main PCB Parts

Level	Loc. No.	Code No.	Description	Specification	Remarks
0	LTP468WX/XAA				
1	E22-LTP468WX/XAA	-	1	SEC, LTA460H1-L01	-
3	BN94-00595A	-	ASSY PCB MAIN	GA46UO	SNA
4	2305-000665	C860	C-FILM, LEAD-PEF	100nF, 5%, 63V, TP, 7.5x4.0x5.0mm,	SA
4	2305-000665	C863	C-FILM, LEAD-PEF	100nF, 5%, 63V, TP, 7.5x4.0x5.0mm,	SA
4	0202-001362	CIS1	SOLDER-WIRE	-, S63S, D3, 63Sn/37Pb,-	SNA
4	0202-001366	CIS2	SOLDER-WIRE FLUX	-, RS60S, D1, 2, 63Sn/37Pb,-	SNA
4	0204-002420	CIS3	SOLVENT	1M-1000, C3H7OH, 96,-,-	SNA
4	0204-002426	CIS4	FLUX	DF-201TVS, MIX, 0.820, FLUX13%, 14KG,-	SNA
4	AA39-30007A	CIS6	CBF IF	-, T, 100mm, 1365#26	SA
4	3701-001292	CN102	CONNECTOR-DVI	24P, 3R, FEMALE, STRAIGHT, AU10U	SA
4	3701-001294	CN103	CONNECTOR-DSUB	15P, 3R, FEMALE, STRAIGHT, AUF	SA
4	3711-000057	CN104	CONNECTOR-HEADER	BOX, 3P, 1R, 2.5mm, ANGLE, SN	SA
4	3722-001845	CN201	JACK-PIN	3P, 8.3MM, AU, GRN/BLU/RED,-	SA
4	3722-001846	CN202	JACK-PIN	2P, 8.3MM, AU, WHT/RED,-	SA
4	3722-001846	CN204	JACK-PIN	2P, 8.3MM, AU, WHT/RED,-	SA
4	3722-001845	CN205	JACK-PIN	3P, 8.3MM, AU, GRN/BLU/RED,-	SA
4	3722-001061	CN206	JACK-PHONE	1P, 3.6PI, AG, BLK, N	SA
4	3722-001846	CN207	JACK-PIN	2P, 8.3MM, AU, WHT/RED,-	SA
4	3711-004909	CN208	CONNECTOR-HEADER	BOX, 14P, 2R, 2MM, ANGLE, SN, BLK	SA
4	3722-001844	CN209	JACK-PIN	3P, 8.3MM, AU, YEL/WHT/RED,-	SA
4	3722-001734	CN210	JACK-VHS	4P,-, SN, BLK,-	SA
4	3722-001844	CN211	JACK-PIN	3P, 8.3MM, AU, YEL/WHT/RED,-	SA
4	3705-001329	CN301	CONNECTOR-COAXIAL	NT(F), ADAPTOR,-, 75ohm,-	SA
4	3722-001931	CN601	JACK-PIN	1P,-, AU, BLK,-	SA
4	3711-004121	CN801	CONNECTOR-HEADER	BOX, 14P, 1R, 2mm, ANGLE, SN	SA
4	3722-001061	CN805	JACK-PHONE	1P, 3.6PI, AG, BLK, N	SA
4	3711-000057	CN806	CONNECTOR-HEADER	BOX, 3P, 1R, 2.5mm, ANGLE, SN	SA
4	BN40-00038A	TN301	TUNER	TMOH6-701A, MUSE, NTSC, 181CH, 45.75MHz, 75 ohm, 75 ohm, F-CON/PHONE, ASYMM, 5V, TR	SA
4	BN40-00050A	TN302	TUNER	TMOH6-0038, PDP-NELSON, NTSC, 181CH, 45.75MHz, 2.5V, 75 ohm, 75 ohm, PHONE, ASYMM, 5V, TR, 5	SA
4	2801-003224	X601	CRYSTAL-UNIT	32.768KHz, 20ppm, 28-AAY, 12.5pF,	SA
4	BN96-00918A	OP101	ASSY BOARD P-OPTICAL	SPD-50P4HD, OPTICAL	SNA
4	BN97-00360M	MICOM_SUB	ASSY MICOM	GA46KON	SNA
5	0903-001323	IC608	IC-MICROCONTROLLER	S3P863A (PLCC TYPE), 384BIT, PLCC, 44P,-, 12MHZ, ST,-, PLASTIC, 5.5V,-, 25TO+85C, 1040BY	SNA
4	BN97-00384Y	-	ASSY SMD	GA46UO	SNA
5	3301-001593	BD105	BEAD-SMD	200ohm, 2.0x1.2x1.3mm, 150mA, TP,,, 0.25ohm	SA
5	3301-001593	BD106	BEAD-SMD	200ohm, 2.0x1.2x1.3mm, 150mA, TP,,, 0.25ohm	SA
5	3301-001593	BD107	BEAD-SMD	200ohm, 2.0x1.2x1.3mm, 150mA, TP,,, 0.25ohm	SA
5	3301-001593	BD108	BEAD-SMD	200ohm, 2.0x1.2x1.3mm, 150mA, TP,,, 0.25ohm	SA
5	3301-001236	BD109	BEAD-SMD	60ohm, 1608, 200mA,,,, 0.7ohm	SA
5	3301-001236	BD110	BEAD-SMD	60ohm, 1608, 200mA,,,, 0.7ohm	SA
5	3301-001236	BD111	BEAD-SMD	60ohm, 1608, 200mA,,,, 0.7ohm	SA
5	3301-001236	BD112	BEAD-SMD	60ohm, 1608, 200mA,,,, 0.7ohm	SA
5	3301-001593	BD121	BEAD-SMD	200ohm, 2.0x1.2x1.3mm, 150mA, TP,,, 0.25ohm	SA
5	3301-001593	BD122	BEAD-SMD	200ohm, 2.0x1.2x1.3mm, 150mA, TP,,, 0.25ohm	SA
5	3301-001593	BD123	BEAD-SMD	200ohm, 2.0x1.2x1.3mm, 150mA, TP,,, 0.25ohm	SA
5	3301-001593	BD124	BEAD-SMD	200ohm, 2.0x1.2x1.3mm, 150mA, TP,,, 0.25ohm	SA
5	3301-001176	BD201	BEAD-SMD	80ohm, 2012, 400mA, TP,,, 0.4ohm	SA
5	3301-001176	BD202	BEAD-SMD	80ohm, 2012, 400mA, TP,,, 0.4ohm	SA
5	3301-001176	BD203	BEAD-SMD	80ohm, 2012, 400mA, TP,,, 0.4ohm	SA
5	3301-001176	BD204	BEAD-SMD	80ohm, 2012, 400mA, TP,,, 0.4ohm	SA
5	3301-001176	BD205	BEAD-SMD	80ohm, 2012, 400mA, TP,,, 0.4ohm	SA
5	3301-001176	BD206	BEAD-SMD	80ohm, 2012, 400mA, TP,,, 0.4ohm	SA
5	3301-001176	BD207	BEAD-SMD	80ohm, 2012, 400mA, TP,,, 0.4ohm	SA
5	3301-001176	BD208	BEAD-SMD	80ohm, 2012, 400mA, TP,,, 0.4ohm	SA
5	3301-001176	BD209	BEAD-SMD	80ohm, 2012, 400mA, TP,,, 0.4ohm	SA
5	3301-001176	BD210	BEAD-SMD	80ohm, 2012, 400mA, TP,,, 0.4ohm	SA
5	3301-001176	BD211	BEAD-SMD	80ohm, 2012, 400mA, TP,,, 0.4ohm	SA

LT-P468W

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	3301-001145	BD823	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD830	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD831	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD832	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD833	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD834	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD835	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD836	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD837	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD838	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001176	BD839	BEAD-SMD	80ohm,2012,400mA,TP,,0.4ohm	SA
5	3301-001176	BD840	BEAD-SMD	80ohm,2012,400mA,TP,,0.4ohm	SA
5	3301-001176	BD841	BEAD-SMD	80ohm,2012,400mA,TP,,0.4ohm	SA
5	3301-001176	BD842	BEAD-SMD	80ohm,2012,400mA,TP,,0.4ohm	SA
5	3301-001176	BD843	BEAD-SMD	80ohm,2012,400mA,TP,,0.4ohm	SA
5	3301-001176	BD844	BEAD-SMD	80ohm,2012,400mA,TP,,0.4ohm	SA
5	3301-001176	BD848	BEAD-SMD	80ohm,2012,400mA,TP,,0.4ohm	SA
5	3301-001176	BD849	BEAD-SMD	80ohm,2012,400mA,TP,,0.4ohm	SA
5	2203-000041	C101	C-CER,CHIP	0.01NF,0.25PF,50V,C0G,TP,1608	SA
5	2203-000041	C102	C-CER,CHIP	0.01NF,0.25PF,50V,C0G,TP,1608	SA
5	2203-000384	C103	C-CER,CHIP	0.015NF,5%,50V,C0G,TP,1608	SA
5	2203-000384	C104	C-CER,CHIP	0.015NF,5%,50V,C0G,TP,1608	SA
5	2203-005005	C105	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000108	C106	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005005	C107	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C108	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000108	C109	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-000257	C110	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-005005	C1100	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C1101	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C1102	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C1103	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C1104	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C1105	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C1106	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C1107	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C1108	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2409-001051	C1109	C-ORGANIC	82UF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2402-000108	C111	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005005	C1110	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2409-001035	C1111	C-ORGANIC	10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1	SA
5	2203-005065	C1112	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2402-000108	C1113	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005005	C1114	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C1115	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C1116	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C1117	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2409-001051	C1118	C-ORGANIC	82UF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2409-001051	C1119	C-ORGANIC	82UF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2203-005065	C112	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C113	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005005	C114	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000108	C115	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2402-000108	C116	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-000257	C117	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2409-001035	C118	C-ORGANIC	10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1	SA
5	2409-001051	C119	C-ORGANIC	82UF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2203-005005	C120	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C121	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000440	C1211	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-005065	C1212	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-000236	C1213	C-CER,CHIP	0.1NF,5%,50V,C0G,TP,1608	SA
5	2203-005005	C122	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C123	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C124	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C125	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C126	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C127	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C128	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2409-001051	C129	C-ORGANIC	82UF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2203-005005	C130	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C131	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000209	C132	C-AL,SMD	22uF,20%,16V,WT,TP,5.3x5.3mm,1	SA
5	2203-005005	C133	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C134	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000440	C135	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2409-001051	C136	C-ORGANIC	82UF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2203-005005	C137	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C138	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C139	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C140	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C141	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005005	C142	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000108	C143	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005005	C144	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000872	C145	C-CER,CHIP	0.003NF,0.25PF,50V,COG,TP,1608	SA
5	2203-000872	C146	C-CER,CHIP	0.003NF,0.25PF,50V,COG,TP,1608	SA
5	2203-000872	C147	C-CER,CHIP	0.003NF,0.25PF,50V,COG,TP,1608	SA
5	2409-001051	C148	C-ORGANIC	82UF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2203-005005	C149	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C150	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000209	C151	C-AL,SMD	22uF,20%,16V,WT,TP,5.3x5.3mm,1	SA
5	2203-005005	C152	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000440	C153	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000257	C154	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2402-000108	C155	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2402-000209	C156	C-AL,SMD	22uF,20%,16V,WT,TP,5.3x5.3mm,1	SA
5	2203-005005	C157	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C158	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000440	C159	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C160	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-005005	C161	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C162	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C163	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C164	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C165	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C166	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C167	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C168	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000440	C169	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C170	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-005005	C171	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C172	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000209	C173	C-AL,SMD	22uF,20%,16V,WT,TP,5.3x5.3mm,1	SA
5	2203-005005	C174	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000108	C175	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2402-000108	C176	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005005	C177	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000108	C178	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005005	C179	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000440	C180	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000236	C181	C-CER,CHIP	0.1NF,5%,50V,COG,TP,1608	SA
5	2203-000236	C182	C-CER,CHIP	0.1NF,5%,50V,COG,TP,1608	SA
5	2203-000236	C183	C-CER,CHIP	0.1NF,5%,50V,COG,TP,1608	SA
5	2203-000236	C184	C-CER,CHIP	0.1NF,5%,50V,COG,TP,1608	SA
5	2203-005065	C185	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005005	C186	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C187	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C188	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C189	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C190	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C191	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005437	C192	C-CER,CHIP	10000nF,+80-20%,10V,Y5V,TP,3216	SA
5	2203-000975	C193	C-CER,CHIP	47nF,10%,25V,X7R,TP,1608,-	SA
5	2203-005065	C194	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2402-000108	C195	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2402-000108	C196	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005065	C197	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2402-000108	C198	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2409-001051	C199	C-ORGANIC	82uF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2203-005005	C201	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-001086	C202	C-AL,SMD	100uF,20%,16V,WT,TP,6.6X6.6X5.3	SA
5	2402-001086	C203	C-AL,SMD	100uF,20%,16V,WT,TP,6.6X6.6X5.3	SA
5	2203-000384	C204	C-CER,CHIP	0.015NF,5%,50V,C0G,TP,1608	SA
5	2203-000384	C205	C-CER,CHIP	0.015NF,5%,50V,C0G,TP,1608	SA
5	2402-000108	C206	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2402-000108	C207	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-000236	C208	C-CER,CHIP	0.1NF,5%,50V,C0G,TP,1608	SA
5	2203-000236	C209	C-CER,CHIP	0.1NF,5%,50V,C0G,TP,1608	SA
5	2203-000236	C210	C-CER,CHIP	0.1NF,5%,50V,C0G,TP,1608	SA
5	2402-001086	C2100	C-AL,SMD	100uF,20%,16V,WT,TP,6.6X6.6X5.3	SA
5	2203-001656	C2101	C-CER,CHIP	0.47nF,5%,50V,NP0,TP,1608	SA
5	2203-001656	C2102	C-CER,CHIP	0.47nF,5%,50V,NP0,TP,1608	SA
5	2402-000108	C2103	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005005	C2104	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005065	C2105	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005005	C2106	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000236	C2107	C-CER,CHIP	0.1NF,5%,50V,C0G,TP,1608	SA
5	2203-000236	C2108	C-CER,CHIP	0.1NF,5%,50V,C0G,TP,1608	SA
5	2203-000236	C2109	C-CER,CHIP	0.1NF,5%,50V,C0G,TP,1608	SA
5	2402-000108	C211	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2402-000108	C212	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-001402	C213	C-CER,CHIP	220nF,+80-20%,16V,Y5V,TP,1608	SA
5	2203-005005	C214	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-001402	C215	C-CER,CHIP	220nF,+80-20%,16V,Y5V,TP,1608	SA
5	2203-000236	C216	C-CER,CHIP	0.1NF,5%,50V,C0G,TP,1608	SA
5	2203-000236	C217	C-CER,CHIP	0.1NF,5%,50V,C0G,TP,1608	SA
5	2203-005005	C218	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000108	C219	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-001630	C220	C-CER,CHIP	330nF,+80-20%,16V,Y5V,TP,1608	SA
5	2402-001086	C221	C-AL,SMD	100uF,20%,16V,WT,TP,6.6X6.6X5.3	SA
5	2203-005005	C222	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-001086	C223	C-AL,SMD	100uF,20%,16V,WT,TP,6.6X6.6X5.3	SA
5	2402-000108	C224	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2402-000108	C225	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2402-000108	C226	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2402-000108	C227	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005065	C228	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2402-000108	C229	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2402-000209	C230	C-AL,SMD	22uF,20%,16V,WT,TP,5.3x5.3mm,1	SA
5	2203-001402	C231	C-CER,CHIP	220nF,+80-20%,16V,Y5V,TP,1608	SA
5	2203-001402	C232	C-CER,CHIP	220nF,+80-20%,16V,Y5V,TP,1608	SA
5	2203-000236	C233	C-CER,CHIP	0.1NF,5%,50V,C0G,TP,1608	SA
5	2203-000236	C234	C-CER,CHIP	0.1NF,5%,50V,C0G,TP,1608	SA
5	2203-000236	C235	C-CER,CHIP	0.1NF,5%,50V,C0G,TP,1608	SA
5	2203-005005	C236	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C237	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C238	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-001086	C239	C-AL,SMD	100uF,20%,16V,WT,TP,6.6X6.6X5.3	SA
5	2203-005005	C240	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000108	C241	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2402-000108	C242	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2402-000108	C243	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2402-000108	C244	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2402-000108	C245	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2402-000108	C246	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-000236	C247	C-CER,CHIP	0.1NF,5%,50V,C0G,TP,1608	SA
5	2203-000236	C248	C-CER,CHIP	0.1NF,5%,50V,C0G,TP,1608	SA
5	2203-000236	C249	C-CER,CHIP	0.1NF,5%,50V,C0G,TP,1608	SA
5	2402-000108	C250	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-000236	C251	C-CER,CHIP	0.1NF,5%,50V,C0G,TP,1608	SA
5	2402-000108	C252	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-000236	C253	C-CER,CHIP	0.1NF,5%,50V,C0G,TP,1608	SA
5	2402-000108	C254	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2402-000108	C255	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2402-000108	C256	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2402-000108	C257	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2402-000108	C258	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-000236	C259	C-CER,CHIP	0.1NF,5%,50V,C0G,TP,1608	SA
5	2203-000236	C260	C-CER,CHIP	0.1NF,5%,50V,C0G,TP,1608	SA
5	2402-001086	C261	C-AL,SMD	100UF,20%,16V,WT,TP,6.6X6.6X5.3	SA
5	2203-005005	C262	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-001086	C263	C-AL,SMD	100UF,20%,16V,WT,TP,6.6X6.6X5.3	SA
5	2203-005005	C264	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000108	C265	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005005	C266	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000108	C267	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005005	C268	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000108	C269	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005005	C270	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000108	C271	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005005	C272	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000108	C273	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005005	C274	C-CER,CHIP	100nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005005	C275	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000108	C276	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-001402	C277	C-CER,CHIP	220nF,+80-20%,16V,Y5V,TP,1608	SA
5	2203-001402	C278	C-CER,CHIP	220nF,+80-20%,16V,Y5V,TP,1608	SA
5	2402-001086	C279	C-AL,SMD	100UF,20%,16V,WT,TP,6.6X6.6X5.3	SA
5	2409-001051	C280	C-ORGANIC	82UF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2203-000236	C281	C-CER,CHIP	0.1NF,5%,50V,C0G,TP,1608	SA
5	2203-005005	C282	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000236	C283	C-CER,CHIP	0.1NF,5%,50V,C0G,TP,1608	SA
5	2402-000108	C284	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005005	C285	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000108	C286	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005005	C287	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000236	C288	C-CER,CHIP	0.1NF,5%,50V,C0G,TP,1608	SA
5	2402-000108	C289	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005005	C290	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000108	C291	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005005	C292	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000108	C293	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005005	C294	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000108	C295	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005005	C296	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000236	C297	C-CER,CHIP	0.1NF,5%,50V,C0G,TP,1608	SA
5	2203-000236	C298	C-CER,CHIP	0.1NF,5%,50V,C0G,TP,1608	SA
5	2203-001402	C299	C-CER,CHIP	220nF,+80-20%,16V,Y5V,TP,1608	SA
5	2409-001051	C301	C-ORGANIC	82UF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2409-001051	C302	C-ORGANIC	82UF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2203-005005	C303	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C304	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000209	C305	C-AL,SMD	22uF,20%,16V,WT,TP,5.3x5.3mm,1	SA
5	2402-000209	C306	C-AL,SMD	22uF,20%,16V,WT,TP,5.3x5.3mm,1	SA
5	2203-005005	C307	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000257	C308	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000440	C309	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-005005	C310	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C3100	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000108	C3101	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2402-001086	C3102	C-AL,SMD	100UF,20%,16V,WT,TP,6.6X6.6X5.3	SA
5	2203-005005	C3103	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C3104	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000257	C311	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000440	C312	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-005005	C313	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000257	C314	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000440	C315	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-005005	C316	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000209	C317	C-AL,SMD	22uF,20%,16V,WT,TP,5.3x5.3mm,1	SA
5	2203-000236	C318	C-CER,CHIP	0.1NF,5%,50V,C0G,TP,1608	SA
5	2203-000257	C319	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-001652	C320	C-CER,CHIP	470nF,+80-20%,16V,Y5V,TP,1608	SA
5	2203-000998	C321	C-CER,CHIP	0.047NF,5%,50V,C0G,TP,1608	SA
5	2203-000998	C322	C-CER,CHIP	0.047NF,5%,50V,C0G,TP,1608	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2402-001145	C323	C-AL,CHIP	47UF,20%,50V,GP,TP,6.3X7.7MM	SA
5	2203-000257	C324	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000426	C325	C-CER,CHIP	0.018NF,5%,50V,COG,TP,1608	SA
5	2203-000426	C326	C-CER,CHIP	0.018NF,5%,50V,COG,TP,1608	SA
5	2203-000440	C327	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2402-000209	C328	C-AL,SMD	22uF,20%,16V,WT,TP,5.3x5.3mm,1	SA
5	2203-005005	C329	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000838	C330	C-CER,CHIP	0.39NF,5%,50V,COG,TP,1608	SA
5	2203-001222	C331	C-CER,CHIP	0.82NF,10%,50V,X7R,TP,1608	SA
5	2203-000659	C332	C-CER,CHIP	0.27NF,5%,50V,COG,TP,1608	SA
5	2203-005005	C333	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-001100	C334	C-AL,SMD	0.1uF,20%,50V,GP,TP,4.3x4.3x5.2mm	SA
5	2203-005005	C335	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-001155	C336	C-AL,SMD	47UF,20%,16V,WT,TP,6.3X5.2MM	SA
5	2409-001051	C337	C-ORGANIC	82UF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2203-005005	C338	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C339	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000681	C340	C-CER,CHIP	0.027NF,5%,50V,COG,TP,1608	SA
5	2402-000108	C341	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005005	C342	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000209	C343	C-AL,SMD	22uF,20%,16V,WT,TP,5.3x5.3mm,1	SA
5	2402-000209	C344	C-AL,SMD	22uF,20%,16V,WT,TP,5.3x5.3mm,1	SA
5	2203-005005	C345	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-001086	C346	C-AL,SMD	100UF,20%,16V,WT,TP,6.6X6.6X5.3	SA
5	2402-000108	C347	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-000998	C348	C-CER,CHIP	0.047NF,5%,50V,COG,TP,1608	SA
5	2203-000998	C349	C-CER,CHIP	0.047NF,5%,50V,COG,TP,1608	SA
5	2402-001145	C350	C-AL,CHIP	47UF,20%,50V,GP,TP,6.3X7.7MM	SA
5	2203-000257	C351	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2409-001035	C352	C-ORGANIC	10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1	SA
5	2402-000108	C353	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005005	C354	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C355	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005065	C356	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005005	C357	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000108	C358	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005005	C359	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C360	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000440	C361	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-005005	C362	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005065	C363	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005005	C364	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000838	C365	C-CER,CHIP	0.39NF,5%,50V,COG,TP,1608	SA
5	2203-005005	C366	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000357	C367	C-CER,CHIP	0.15NF,5%,50V,COG,TP,1608	SA
5	2203-005005	C368	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2409-001035	C369	C-ORGANIC	10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1	SA
5	2402-001155	C370	C-AL,SMD	47UF,20%,16V,WT,TP,6.3X5.2MM	SA
5	2203-000626	C371	C-CER,CHIP	0.022nF,5%,50V,COG,TP,1608	SA
5	2402-000173	C372	C-AL,SMD	4.7uF,20%,35V,GP,TP,4.3x4.3x5.	SA
5	2203-005005	C373	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000626	C374	C-CER,CHIP	0.022nF,5%,50V,COG,TP,1608	SA
5	2402-000108	C375	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005005	C376	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C377	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C378	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C379	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000108	C380	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005005	C381	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C382	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000108	C383	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005005	C384	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C385	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C386	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C387	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C388	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C389	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C390	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C391	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2203-005005	C392	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-001086	C393	C-AL,SMD	100UF,20%,16V,WT,TP,6.6X6.6X5.3	SA
5	2203-005005	C394	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000626	C395	C-CER,CHIP	0.022nF,5%,50V,C0G,TP,1608	SA
5	2409-001035	C396	C-ORGANIC	10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1	SA
5	2203-005005	C397	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-001155	C398	C-AL,SMD	47UF,20%,16V,WT,TP,6.3X5.2MM	SA
5	2409-001035	C399	C-ORGANIC	10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1	SA
5	2409-001035	C401	C-ORGANIC	10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1	SA
5	2203-005005	C402	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C403	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C404	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C405	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000626	C406	C-CER,CHIP	0.022nF,5%,50V,C0G,TP,1608	SA
5	2203-000626	C407	C-CER,CHIP	0.022nF,5%,50V,C0G,TP,1608	SA
5	2203-005005	C408	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2409-001035	C409	C-ORGANIC	10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1	SA
5	2409-001051	C410	C-ORGANIC	82UF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2203-005005	C4100	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000257	C4101	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C4102	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C4103	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C4104	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2409-001035	C4105	C-ORGANIC	10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1	SA
5	2203-005005	C4106	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C4107	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C4108	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C4109	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C411	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C4110	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000257	C4111	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C4112	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C4113	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2409-001051	C4114	C-ORGANIC	82UF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2409-001051	C4115	C-ORGANIC	82UF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2409-001035	C4116	C-ORGANIC	10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1	SA
5	2203-005005	C4117	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C4118	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C4119	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C412	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000257	C4120	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C4121	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C4122	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2402-000209	C4123	C-AL,SMD	22uF,20%,16V,WT,TP,5.3x5.3mm,1	SA
5	2203-005005	C4124	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C4125	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2409-001035	C4126	C-ORGANIC	10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1	SA
5	2203-005005	C4127	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C4128	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000257	C4129	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-005005	C413	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000257	C4130	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-005005	C414	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C415	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C416	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C417	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C418	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C419	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C420	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2409-001035	C421	C-ORGANIC	10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1	SA
5	2409-001051	C422	C-ORGANIC	82UF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2203-005005	C423	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2409-001035	C424	C-ORGANIC	10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1	SA
5	2203-005005	C425	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C426	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C427	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C428	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C429	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C430	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2203-005005	C431	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C432	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C433	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C434	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C437	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C440	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C441	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000972	C451	C-CER,CHIP	47nF,10%,16V,X7R,TP,1608	SA
5	2203-000972	C452	C-CER,CHIP	47nF,10%,16V,X7R,TP,1608	SA
5	2203-000972	C453	C-CER,CHIP	47nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C455	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000626	C457	C-CER,CHIP	0.022nF,5%,50V,C0G,TP,1608	SA
5	2203-000626	C458	C-CER,CHIP	0.022nF,5%,50V,C0G,TP,1608	SA
5	2203-005065	C459	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C460	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C461	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-001126	C462	C-CER,CHIP	0.68nF,10%,50V,X7R,TP,1608	SA
5	2203-001071	C463	C-CER,CHIP	0.056nF,5%,50V,C0G,TP,1608	SA
5	2203-001071	C464	C-CER,CHIP	0.056nF,5%,50V,C0G,TP,1608	SA
5	2203-001071	C465	C-CER,CHIP	0.056nF,5%,50V,C0G,TP,1608	SA
5	2203-005005	C466	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C467	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C468	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-001086	C469	C-AL,SMD	100UF,20%,16V,WT,TP,6.6X6.6X5.3	SA
5	2203-000440	C470	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-001656	C471	C-CER,CHIP	0.47nF,5%,50V,NP0,TP,1608	SA
5	2402-001100	C472	C-AL,SMD	0.1uF,20%,50V,GP,TP,4.3x4.3x5.2mm	SA
5	2409-001035	C473	C-ORGANIC	10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1	SA
5	2203-005005	C474	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C475	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C476	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C477	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000257	C478	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C479	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C480	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C481	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C482	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-001103	C483	C-CER,CHIP	6.8nF,10%,50V,X7R,TP,1608,-	SA
5	2203-001140	C484	C-CER,CHIP	68nF,10%,16V,X7R,TP,1608	SA
5	2203-000384	C485	C-CER,CHIP	0.015nF,5%,50V,C0G,TP,1608	SA
5	2203-000384	C486	C-CER,CHIP	0.015nF,5%,50V,C0G,TP,1608	SA
5	2203-000384	C487	C-CER,CHIP	0.015nF,5%,50V,C0G,TP,1608	SA
5	2203-005005	C488	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000108	C489	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005005	C490	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000209	C491	C-AL,SMD	22uF,20%,16V,WT,TP,5.3x5.3mm,1	SA
5	2203-005005	C492	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C493	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2409-001051	C494	C-ORGANIC	82UF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2409-001051	C495	C-ORGANIC	82UF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2203-005005	C496	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C497	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C498	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C499	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000257	C501	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-005005	C502	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000257	C503	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-005005	C504	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C505	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000257	C506	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-005005	C507	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000257	C508	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-005005	C5100	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2409-001035	C5101	C-ORGANIC	10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1	SA
5	2203-005005	C5102	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2409-001051	C5103	C-ORGANIC	82UF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2203-005005	C5104	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C5105	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C5106	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2203-005005	C5107	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C5108	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C5109	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C5110	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C5111	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C5112	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C5113	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C5114	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C5115	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2409-001035	C5116	C-ORGANIC	10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1	SA
5	2203-005005	C5117	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C5118	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2409-001035	C5119	C-ORGANIC	10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1	SA
5	2203-000626	C512	C-CER,CHIP	0.022nF,5%,50V,C0G,TP,1608	SA
5	2203-005005	C5120	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C5121	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C5122	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000626	C513	C-CER,CHIP	0.022nF,5%,50V,C0G,TP,1608	SA
5	2402-000108	C514	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2402-000108	C515	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005005	C516	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C517	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C518	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C519	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C520	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C521	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C522	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C523	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C524	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C525	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C526	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000108	C527	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005005	C528	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C529	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C530	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C531	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000041	C532	C-CER,CHIP	0.01nF,0.25PF,50V,C0G,TP,1608	SA
5	2203-005005	C533	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000257	C534	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000384	C535	C-CER,CHIP	0.015nF,5%,50V,C0G,TP,1608	SA
5	2203-000384	C536	C-CER,CHIP	0.015nF,5%,50V,C0G,TP,1608	SA
5	2203-000384	C537	C-CER,CHIP	0.015nF,5%,50V,C0G,TP,1608	SA
5	2203-005005	C538	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000108	C539	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005005	C540	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2409-001051	C541	C-ORGANIC	82uF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2203-005005	C542	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C543	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C544	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C545	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C546	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C547	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C548	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C549	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C550	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C551	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C552	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C553	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2409-001035	C554	C-ORGANIC	10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1	SA
5	2203-005005	C555	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C556	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C557	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C558	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C559	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C560	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C561	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2409-001035	C562	C-ORGANIC	10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1	SA
5	2409-001051	C563	C-ORGANIC	82uF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2409-001035	C564	C-ORGANIC	10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2203-005005	C565	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C566	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C567	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C568	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C569	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C570	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C571	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C572	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C573	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C574	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C575	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C576	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C577	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C578	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C579	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C580	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C581	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C582	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C583	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2409-001035	C584	C-ORGANIC	10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1	SA
5	2203-005005	C585	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C586	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C587	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C588	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C589	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2409-001035	C590	C-ORGANIC	10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1	SA
5	2203-005005	C591	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C592	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C593	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2409-001035	C594	C-ORGANIC	10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1	SA
5	2203-005005	C595	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C596	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C597	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C598	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2409-001035	C599	C-ORGANIC	10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1	SA
5	2203-005005	C601	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000108	C602	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005065	C603	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2409-001035	C604	C-ORGANIC	10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1	SA
5	2203-000552	C605	C-CER,CHIP	0.02nF,5%,50V,C0G,TP,1608	SA
5	2402-000108	C606	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005005	C607	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C608	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2409-001051	C609	C-ORGANIC	82uF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2203-005005	C610	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-001652	C6100	C-CER,CHIP	470nF,+80-20%,16V,Y5V,TP,1608	SA
5	2203-000872	C6101	C-CER,CHIP	0.003nF,0.25PF,50V,C0G,TP,1608	SA
5	2203-005065	C6102	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2402-001019	C6103	C-AL,SMD	2.2uF,20%,35V,GP,TP,3.3x3.3x5	SA
5	2203-005065	C6104	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-000440	C6105	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-001607	C6106	C-CER,CHIP	0.22nF,5%,50V,NP0,-,1608	SA
5	2402-000173	C6107	C-AL,SMD	4.7uF,20%,35V,GP,TP,4.3x4.3x5	SA
5	2402-000173	C6108	C-AL,SMD	4.7uF,20%,35V,GP,TP,4.3x4.3x5	SA
5	2402-000173	C6109	C-AL,SMD	4.7uF,20%,35V,GP,TP,4.3x4.3x5	SA
5	2203-005005	C611	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000108	C6110	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005005	C6111	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-001402	C6112	C-CER,CHIP	220nF,+80-20%,16V,Y5V,TP,1608	SA
5	2203-001402	C6113	C-CER,CHIP	220nF,+80-20%,16V,Y5V,TP,1608	SA
5	2203-001652	C6114	C-CER,CHIP	470nF,+80-20%,16V,Y5V,TP,1608	SA
5	2402-000173	C6115	C-AL,SMD	4.7uF,20%,35V,GP,TP,4.3x4.3x5	SA
5	2402-000173	C6116	C-AL,SMD	4.7uF,20%,35V,GP,TP,4.3x4.3x5	SA
5	2203-001402	C6117	C-CER,CHIP	220nF,+80-20%,16V,Y5V,TP,1608	SA
5	2203-005005	C6118	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000173	C6119	C-AL,SMD	4.7uF,20%,35V,GP,TP,4.3x4.3x5	SA
5	2203-000998	C612	C-CER,CHIP	0.047nF,5%,50V,C0G,TP,1608	SA
5	2203-005005	C6120	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000173	C6121	C-AL,SMD	4.7uF,20%,35V,GP,TP,4.3x4.3x5	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2402-001044	C6122	C-AL,SMD	100UF,20%,25V,GP,TP,8.3X8.3X6.3MM	SA
5	2203-000257	C6123	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C6124	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C6125	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-005005	C6126	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000108	C6127	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2402-000173	C6128	C-AL,SMD	4.7uF,20%,35V,GP,TP,4.3x4.3x5.	SA
5	2203-000440	C6129	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-005005	C613	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000440	C6130	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2402-000173	C6131	C-AL,SMD	4.7uF,20%,35V,GP,TP,4.3x4.3x5.	SA
5	2402-000173	C6132	C-AL,SMD	4.7uF,20%,35V,GP,TP,4.3x4.3x5.	SA
5	2203-001652	C6133	C-CER,CHIP	470nF,+80-20%,16V,Y5V,TP,1608	SA
5	2203-005065	C6134	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2402-001019	C6135	C-AL,SMD	2.2uF,20%,35V,GP,TP,3.3x3.3x5.	SA
5	2203-005065	C6136	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2402-000108	C6137	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005005	C6138	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-001607	C6139	C-CER,CHIP	0.22nF,5%,50V,NP0,-,1608	SA
5	2203-005005	C614	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-001656	C6140	C-CER,CHIP	0.47nF,5%,50V,NP0,TP,1608	SA
5	2203-001071	C6141	C-CER,CHIP	0.056NF,5%,50V,C0G,TP,1608	SA
5	2203-000140	C6142	C-CER,CHIP	1.5nF,10%,50V,X7R,TP,1608,-	SA
5	2203-001402	C6143	C-CER,CHIP	220nF,+80-20%,16V,Y5V,TP,1608	SA
5	2203-001652	C6144	C-CER,CHIP	470nF,+80-20%,16V,Y5V,TP,1608	SA
5	2203-001402	C6145	C-CER,CHIP	220nF,+80-20%,16V,Y5V,TP,1608	SA
5	2402-000209	C6146	C-AL,SMD	22uF,20%,16V,WT,TP,5.3x5.3mm,1	SA
5	2203-001222	C6147	C-CER,CHIP	0.82NF,10%,50V,X7R,TP,1608	SA
5	2203-005005	C6148	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005261	C6149	C-CER,CHIP	1000nF,10%,25V,X7R,-,3216	SA
5	2402-000108	C615	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-001222	C6150	C-CER,CHIP	0.82NF,10%,50V,X7R,TP,1608	SA
5	2402-001086	C6151	C-AL,SMD	100UF,20%,16V,WT,TP,6.6X6.6X5.3	SA
5	2203-005005	C6152	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000108	C6153	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005005	C6154	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000440	C6155	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C6156	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000626	C616	C-CER,CHIP	0.022nF,5%,50V,C0G,TP,1608	SA
5	2203-000626	C617	C-CER,CHIP	0.022nF,5%,50V,C0G,TP,1608	SA
5	2203-005261	C6170	C-CER,CHIP	1000nF,10%,25V,X7R,-,3216	SA
5	2402-000108	C618	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005005	C619	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2409-001035	C620	C-ORGANIC	10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1	SA
5	2203-005030	C6201	C-CER,CHIP	470nF,+80-20%,50V,Y5V,TP,3216	SA
5	2203-005030	C6202	C-CER,CHIP	470nF,+80-20%,50V,Y5V,TP,3216	SA
5	2203-005030	C6203	C-CER,CHIP	470nF,+80-20%,50V,Y5V,TP,3216	SA
5	2203-005030	C6204	C-CER,CHIP	470nF,+80-20%,50V,Y5V,TP,3216	SA
5	2203-001656	C6206	C-CER,CHIP	0.47nF,5%,50V,NP0,TP,1608	SA
5	2203-005005	C6207	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-001402	C6208	C-CER,CHIP	220nF,+80-20%,16V,Y5V,TP,1608	SA
5	2203-005005	C621	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C622	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000257	C623	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000236	C624	C-CER,CHIP	0.1NF,5%,50V,C0G,TP,1608	SA
5	2203-005005	C625	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-001656	C626	C-CER,CHIP	0.47nF,5%,50V,NP0,TP,1608	SA
5	2402-000108	C627	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005005	C628	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000108	C629	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005005	C630	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C631	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C632	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-000108	C633	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2402-000108	C634	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2402-000108	C635	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-005005	C636	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-001044	C637	C-AL,SMD	100UF,20%,25V,GP,TP,8.3X8.3X6.3MM	SA
5	2203-005005	C638	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2203-002398	C639	C-CER,CHIP	22nF,10%,50V,X7R,TP,1608	SA
5	2203-002398	C640	C-CER,CHIP	22nF,10%,50V,X7R,TP,1608	SA
5	2203-002398	C641	C-CER,CHIP	22nF,10%,50V,X7R,TP,1608	SA
5	2203-002398	C642	C-CER,CHIP	22nF,10%,50V,X7R,TP,1608	SA
5	2203-002398	C643	C-CER,CHIP	22nF,10%,50V,X7R,TP,1608	SA
5	2203-002398	C644	C-CER,CHIP	22nF,10%,50V,X7R,TP,1608	SA
5	2203-000236	C645	C-CER,CHIP	0.1nF,5%,50V,C0G,TP,1608	SA
5	2203-006170	C646	C-CER,CHIP	220nF,10%,16V,X7R,TP,1608	SA
5	2203-000440	C647	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-006170	C648	C-CER,CHIP	220nF,10%,16V,X7R,TP,1608	SA
5	2203-002398	C649	C-CER,CHIP	22nF,10%,50V,X7R,TP,1608	SA
5	2203-002398	C650	C-CER,CHIP	22nF,10%,50V,X7R,TP,1608	SA
5	2203-002398	C651	C-CER,CHIP	22nF,10%,50V,X7R,TP,1608	SA
5	2402-001086	C652	C-AL,SMD	100uF,20%,16V,WT,TP,6.6X6.6X5.3	SA
5	2402-001086	C653	C-AL,SMD	100uF,20%,16V,WT,TP,6.6X6.6X5.3	SA
5	2203-000236	C654	C-CER,CHIP	0.1nF,5%,50V,C0G,TP,1608	SA
5	2402-001019	C655	C-AL,SMD	2.2uF,20%,35V,GP,TP,3.3x3.3x5.5	SA
5	2402-001086	C656	C-AL,SMD	100uF,20%,16V,WT,TP,6.6X6.6X5.3	SA
5	2409-001051	C657	C-ORGANIC	82uF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2203-005005	C658	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-001086	C659	C-AL,SMD	100uF,20%,16V,WT,TP,6.6X6.6X5.3	SA
5	2203-002398	C660	C-CER,CHIP	22nF,10%,50V,X7R,TP,1608	SA
5	2203-002398	C661	C-CER,CHIP	22nF,10%,50V,X7R,TP,1608	SA
5	2203-002398	C662	C-CER,CHIP	22nF,10%,50V,X7R,TP,1608	SA
5	2402-000179	C663	C-AL,SMD	47uF,20%,16V,GP,TP,6.6X6.6X5.4	SA
5	2203-000236	C664	C-CER,CHIP	0.1nF,5%,50V,C0G,TP,1608	SA
5	2203-001630	C665	C-CER,CHIP	330nF,+80-20%,16V,Y5V,TP,1608	SA
5	2203-001630	C666	C-CER,CHIP	330nF,+80-20%,16V,Y5V,TP,1608	SA
5	2203-000236	C667	C-CER,CHIP	0.1nF,5%,50V,C0G,TP,1608	SA
5	2203-000236	C668	C-CER,CHIP	0.1nF,5%,50V,C0G,TP,1608	SA
5	2203-006170	C669	C-CER,CHIP	220nF,10%,16V,X7R,TP,1608	SA
5	2402-000108	C670	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2402-000108	C671	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-006170	C672	C-CER,CHIP	220nF,10%,16V,X7R,TP,1608	SA
5	2203-002398	C673	C-CER,CHIP	22nF,10%,50V,X7R,TP,1608	SA
5	2203-002398	C674	C-CER,CHIP	22nF,10%,50V,X7R,TP,1608	SA
5	2203-002398	C675	C-CER,CHIP	22nF,10%,50V,X7R,TP,1608	SA
5	2203-002398	C676	C-CER,CHIP	22nF,10%,50V,X7R,TP,1608	SA
5	2203-002398	C677	C-CER,CHIP	22nF,10%,50V,X7R,TP,1608	SA
5	2203-002398	C678	C-CER,CHIP	22nF,10%,50V,X7R,TP,1608	SA
5	2203-000440	C679	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C680	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C681	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C682	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2402-001086	C683	C-AL,SMD	100uF,20%,16V,WT,TP,6.6X6.6X5.3	SA
5	2203-005065	C684	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C685	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005005	C686	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-001086	C687	C-AL,SMD	100uF,20%,16V,WT,TP,6.6X6.6X5.3	SA
5	2402-001086	C688	C-AL,SMD	100uF,20%,16V,WT,TP,6.6X6.6X5.3	SA
5	2203-005005	C689	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-001044	C690	C-AL,SMD	100uF,20%,25V,GP,TP,8.3X8.3X6.3MM	SA
5	2203-000257	C691	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C692	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C693	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000440	C694	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000140	C695	C-CER,CHIP	1.5nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C696	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2402-000108	C697	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2402-000108	C698	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-000872	C699	C-CER,CHIP	0.003nF,0.25PF,50V,C0G,TP,1608	SA
5	2203-000384	C701	C-CER,CHIP	0.015nF,5%,50V,C0G,TP,1608	SA
5	2409-001051	C702	C-ORGANIC	82uF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2409-001035	C703	C-ORGANIC	10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1	SA
5	2203-005005	C704	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C705	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000257	C706	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C707	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2409-001051	C708	C-ORGANIC	82uF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA

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Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2409-001035	C709	C-ORGANIC	10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1	SA
5	2203-005005	C710	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000257	C7101	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-005005	C7102	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2409-001051	C7103	C-ORGANIC	82uF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2402-001086	C7104	C-AL,SMD	100uF,20%,16V,WT,TP,6.6X6.6X5.3	SA
5	2203-000257	C7105	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-005005	C7106	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2409-001051	C7107	C-ORGANIC	82uF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2203-005005	C7108	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C7109	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C711	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2409-001051	C7110	C-ORGANIC	82uF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2203-001402	C7111	C-CER,CHIP	220nF,+80-20%,16V,Y5V,TP,1608	SA
5	2203-000257	C712	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C713	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2409-001051	C714	C-ORGANIC	82uF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2402-000108	C715	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-000440	C716	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2402-000108	C717	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-000440	C718	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2402-000108	C719	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2203-000440	C720	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2409-001051	C721	C-ORGANIC	82uF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2409-001035	C722	C-ORGANIC	10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1	SA
5	2203-000384	C723	C-CER,CHIP	0.015NF,5%,50V,C0G,TP,1608	SA
5	2203-000384	C724	C-CER,CHIP	0.015NF,5%,50V,C0G,TP,1608	SA
5	2409-001035	C725	C-ORGANIC	10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1	SA
5	2203-000384	C726	C-CER,CHIP	0.015NF,5%,50V,C0G,TP,1608	SA
5	2203-000384	C727	C-CER,CHIP	0.015NF,5%,50V,C0G,TP,1608	SA
5	2409-001051	C728	C-ORGANIC	82uF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2409-001051	C729	C-ORGANIC	82uF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2203-005005	C730	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C731	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C732	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000440	C733	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-005005	C734	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000257	C735	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2409-001051	C736	C-ORGANIC	82uF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2203-005005	C737	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C738	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000257	C739	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2409-001051	C740	C-ORGANIC	82uF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2203-005005	C741	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C742	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C743	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C744	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C745	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C746	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C747	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C748	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C749	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C750	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000440	C751	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-005005	C752	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C753	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C754	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C755	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C756	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C757	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C758	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C759	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000440	C760	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-005005	C761	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000257	C762	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2409-001051	C763	C-ORGANIC	82uF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2203-005005	C764	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C765	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C766	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2203-005005	C767	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C768	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C769	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000440	C770	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000257	C771	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2409-001051	C772	C-ORGANIC	82UF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2203-000440	C773	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C774	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C775	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2409-001035	C776	C-ORGANIC	10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1	SA
5	2203-005005	C777	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C778	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C779	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C780	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C781	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000257	C782	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C783	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C784	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C785	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C786	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C787	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2409-001035	C788	C-ORGANIC	10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1	SA
5	2203-005005	C789	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C790	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C791	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C792	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C793	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000257	C794	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C795	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C796	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C797	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C798	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C799	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-005261	C803	C-CER,CHIP	1000nF,10%,25V,X7R,-,3216	SA
5	2402-001086	C811	C-AL,SMD	100UF,20%,16V,WT,TP,6.6X6.6X5.3	SA
5	2402-001086	C812	C-AL,SMD	100UF,20%,16V,WT,TP,6.6X6.6X5.3	SA
5	2402-001086	C813	C-AL,SMD	100UF,20%,16V,WT,TP,6.6X6.6X5.3	SA
5	2402-001086	C814	C-AL,SMD	100UF,20%,16V,WT,TP,6.6X6.6X5.3	SA
5	2203-005005	C815	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C816	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C817	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2409-001051	C818	C-ORGANIC	82UF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2203-005005	C819	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2409-001051	C820	C-ORGANIC	82UF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2203-005005	C821	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2409-001051	C822	C-ORGANIC	82UF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2203-005005	C823	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-001086	C824	C-AL,SMD	100UF,20%,16V,WT,TP,6.6X6.6X5.3	SA
5	2402-001086	C825	C-AL,SMD	100UF,20%,16V,WT,TP,6.6X6.6X5.3	SA
5	2402-001086	C826	C-AL,SMD	100UF,20%,16V,WT,TP,6.6X6.6X5.3	SA
5	2203-005005	C827	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C828	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2409-001051	C829	C-ORGANIC	82UF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2203-005005	C830	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2409-001051	C831	C-ORGANIC	82UF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2203-005005	C832	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2409-001051	C836	C-ORGANIC	82UF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2402-000209	C837	C-AL,SMD	22uF,20%,16V,WT,TP,5.3x5.3mm,1	SA
5	2203-005005	C838	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2409-001051	C839	C-ORGANIC	82UF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2203-005005	C840	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-001086	C841	C-AL,SMD	100UF,20%,16V,WT,TP,6.6X6.6X5.3	SA
5	2203-005005	C842	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000440	C843	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2409-001051	C844	C-ORGANIC	82UF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2402-001145	C845	C-AL,CHIP	47UF,20%,50V,GP,TP,6.3X7.7MM	SA
5	2402-001145	C846	C-AL,CHIP	47UF,20%,50V,GP,TP,6.3X7.7MM	SA
5	2409-001051	C847	C-ORGANIC	82UF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2203-005005	C848	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2203-005005	C849	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C850	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2409-001035	C851	C-ORGANIC	10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1	SA
5	2203-000257	C852	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2409-001051	C853	C-ORGANIC	82UF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2203-005005	C854	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000440	C855	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2409-001051	C856	C-ORGANIC	82UF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2203-005005	C857	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C859	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C861	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C864	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C865	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2409-001051	C866	C-ORGANIC	82UF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2409-001029	C867	C-ORGANIC	120uF,20%,6.3V,WT,TP,10.3x10.3x10.3mm,9	SA
5	2203-005005	C868	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C869	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C870	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000405	C871	C-CER,CHIP	0.18NF,5%,50V,C0G,TP,1608	SA
5	2203-000715	C872	C-CER,CHIP	3.3nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000257	C873	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2409-001029	C874	C-ORGANIC	120uF,20%,6.3V,WT,TP,10.3x10.3x10.3mm,9	SA
5	2203-005005	C875	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-001086	C876	C-AL,SMD	100UF,20%,16V,WT,TP,6.6X6.6X5.3	SA
5	2203-005005	C877	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2409-001051	C878	C-ORGANIC	82UF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2203-005005	C879	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2409-001035	C880	C-ORGANIC	10uF,20%,10V,LZ,TP,5.4x4.3x4.3mm,1	SA
5	2203-005005	C881	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C882	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-000405	C883	C-CER,CHIP	0.18NF,5%,50V,C0G,TP,1608	SA
5	2203-000715	C884	C-CER,CHIP	3.3nF,10%,50V,X7R,TP,1608,-	SA
5	2203-005005	C885	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C886	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C887	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C888	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2409-001051	C889	C-ORGANIC	82UF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2409-001051	C890	C-ORGANIC	82UF,20%,6.3V,WT,TP,6.3*5.9MM,2.1	SA
5	2203-005005	C891	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C892	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2402-001044	C893	C-AL,SMD	100UF,20%,25V,GP,TP,8.3X8.3X6.3MM	SA
5	2402-001044	C894	C-AL,SMD	100UF,20%,25V,GP,TP,8.3X8.3X6.3MM	SA
5	2203-000257	C895	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C896	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-005005	C897	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2503-001018	CA401	C-NETWORK	15PFX4,10%,50V,-	SA
5	2503-001018	CA402	C-NETWORK	15PFX4,10%,50V,-	SA
5	2503-001018	CA403	C-NETWORK	15PFX4,10%,50V,-	SA
5	2503-001018	CA404	C-NETWORK	15PFX4,10%,50V,-	SA
5	2503-001018	CA405	C-NETWORK	15PFX4,10%,50V,-	SA
5	2503-001018	CA406	C-NETWORK	15PFX4,10%,50V,-	SA
5	2503-001018	CA501	C-NETWORK	15PFX4,10%,50V,-	SA
5	2503-001018	CA502	C-NETWORK	15PFX4,10%,50V,-	SA
5	2503-001018	CA503	C-NETWORK	15PFX4,10%,50V,-	SA
5	2503-001018	CA504	C-NETWORK	15PFX4,10%,50V,-	SA
5	2503-001018	CA505	C-NETWORK	15PFX4,10%,50V,-	SA
5	2503-001018	CA506	C-NETWORK	15PFX4,10%,50V,-	SA
5	2503-001018	CA507	C-NETWORK	15PFX4,10%,50V,-	SA
5	2503-001018	CA508	C-NETWORK	15PFX4,10%,50V,-	SA
5	2503-001018	CA509	C-NETWORK	15PFX4,10%,50V,-	SA
5	2503-001018	CA510	C-NETWORK	15PFX4,10%,50V,-	SA
5	2503-001018	CA511	C-NETWORK	15PFX4,10%,50V,-	SA
5	2503-001018	CA512	C-NETWORK	15PFX4,10%,50V,-	SA
5	0202-001376	CIS5	SOLDER-CREAM	RX3603-2330HO,S45A,PASTE,Sn63/Pb34/Bi3,FLUX10.5%	SNA
5	3701-001298	CN101	CONNECTOR-HDMI	19P,2R,FEMALE,SMD-S,AU20U	SA
5	3711-000862	CN501	CONNECTOR-HEADER	BOX,3P,1R,1.25mm,SMD-A,SN	SNA
5	3711-000862	CN502	CONNECTOR-HEADER	BOX,3P,1R,1.25mm,SMD-A,SN	SNA
5	3711-005470	CN702	CONNECTOR-HEADER	BOX,30P,1R,1.25mm,SMD-A,Sn+Pb,IVR	SA
5	3711-005471	CN802	CONNECTOR-HEADER	BOX,12P,1R,1.25mm,SMD-A,Sn+Pb,IVR	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	3711-005499	CN803	CONNECTOR-HEADER	BOX,8P,1R,1.25mm,SMD-A,SnPb,IVR	SA
5	0403-001052	D101	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0406-001172	D102	DIODE-TVS	CDS3C306TH,48V,0W,SMD	SA
5	0406-001172	D103	DIODE-TVS	CDS3C306TH,48V,0W,SMD	SA
5	0403-001052	D112	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0401-001056	D113	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D114	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D115	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D116	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D117	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D118	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D119	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D120	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0404-001084	D121	DIODE-SCHOTTKY	BAT54A,30V,200MA,SOT-23,TP	SA
5	0403-001435	D122	DIODE-ZENER	QZX363C5V6,5.32-5.88V,200MW,SOT-363,TP	SA
5	0403-001052	D123	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D124	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0401-001056	D125	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D126	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D127	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0403-001435	D128	DIODE-ZENER	QZX363C5V6,5.32-5.88V,200MW,SOT-363,TP	SA
5	0404-001084	D129	DIODE-SCHOTTKY	BAT54A,30V,200MA,SOT-23,TP	SA
5	0404-001084	D130	DIODE-SCHOTTKY	BAT54A,30V,200MA,SOT-23,TP	SA
5	0404-001084	D131	DIODE-SCHOTTKY	BAT54A,30V,200MA,SOT-23,TP	SA
5	0404-001084	D132	DIODE-SCHOTTKY	BAT54A,30V,200MA,SOT-23,TP	SA
5	0403-001180	D201	DIODE-ZENER	BZX84C6V2,5.8-6.6V,350MW,SOT-23,TP	SA
5	0403-001052	D202	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D203	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D204	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D205	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D206	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D207	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D208	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D209	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D210	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D211	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D212	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001180	D213	DIODE-ZENER	BZX84C6V2,5.8-6.6V,350MW,SOT-23,TP	SA
5	0403-001052	D214	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D215	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D216	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D217	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D218	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D219	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D220	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D221	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D222	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D223	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D224	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D225	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D226	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D227	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D228	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D229	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D230	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D231	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D232	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D233	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D234	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D235	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D236	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D237	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D238	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D239	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D240	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D241	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D242	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D243	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D244	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	0403-001052	D245	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D246	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D247	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D248	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D249	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D250	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D251	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D252	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D253	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-000579	D601	DIODE-ZENER	BZX84C5V1,4.8-5.4V,200MW,SOT-23,TP	SA
5	0401-001056	D602	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0403-001052	D605	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D606	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D607	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0402-000553	D609	DIODE-RECTIFIER	SS24,40V,2.0A,DO-214AA	SA
5	0402-000553	D610	DIODE-RECTIFIER	SS24,40V,2.0A,DO-214AA	SA
5	0402-000553	D611	DIODE-RECTIFIER	SS24,40V,2.0A,DO-214AA	SA
5	0402-000553	D612	DIODE-RECTIFIER	SS24,40V,2.0A,DO-214AA	SA
5	0403-001052	D613	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0402-000553	D801	DIODE-RECTIFIER	SS24,40V,2.0A,DO-214AA	SA
5	0402-000553	D802	DIODE-RECTIFIER	SS24,40V,2.0A,DO-214AA	SA
5	0402-000553	D803	DIODE-RECTIFIER	SS24,40V,2.0A,DO-214AA	SA
5	0403-001052	D804	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D805	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0406-001172	D816	DIODE-TVS	CDS3C30GTH,48V,0W,SMD	SA
5	0406-001172	D817	DIODE-TVS	CDS3C30GTH,48V,0W,SMD	SA
5	0406-001172	D818	DIODE-TVS	CDS3C30GTH,48V,0W,SMD	SA
5	2901-001114	FT101	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	SA
5	2901-001264	FT102	FILTER-EMI SMD	25V,1A,-,297PF,3.2X1.6X10MM,TP	SA
5	2901-001264	FT103	FILTER-EMI SMD	25V,1A,-,297PF,3.2X1.6X10MM,TP	SA
5	2901-001264	FT104	FILTER-EMI SMD	25V,1A,-,297PF,3.2X1.6X10MM,TP	SA
5	2901-001264	FT105	FILTER-EMI SMD	25V,1A,-,297PF,3.2X1.6X10MM,TP	SA
5	2901-001264	FT106	FILTER-EMI SMD	25V,1A,-,297PF,3.2X1.6X10MM,TP	SA
5	2901-001264	FT107	FILTER-EMI SMD	25V,1A,-,297PF,3.2X1.6X10MM,TP	SA
5	2901-001264	FT108	FILTER-EMI SMD	25V,1A,-,297PF,3.2X1.6X10MM,TP	SA
5	2901-001114	FT201	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	SA
5	2901-001114	FT202	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	SA
5	2901-001114	FT203	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	SA
5	2901-001264	FT204	FILTER-EMI SMD	25V,1A,-,297PF,3.2X1.6X10MM,TP	SA
5	2901-001114	FT301	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	SA
5	2909-001051	FT302	FILTER-LC	6MHz,6MHz,0.8dB,TP,5dB/6MHz,30dB/14.3MHz	SA
5	2901-001114	FT303	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	SA
5	2901-001114	FT304	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	SA
5	2909-001051	FT305	FILTER-LC	6MHz,6MHz,0.8dB,TP,5dB/6MHz,30dB/14.3MHz	SA
5	2901-001114	FT306	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	SA
5	2909-001051	FT307	FILTER-LC	6MHz,6MHz,0.8dB,TP,5dB/6MHz,30dB/14.3MHz	SA
5	2909-001051	FT308	FILTER-LC	6MHz,6MHz,0.8dB,TP,5dB/6MHz,30dB/14.3MHz	SA
5	2909-001051	FT309	FILTER-LC	6MHz,6MHz,0.8dB,TP,5dB/6MHz,30dB/14.3MHz	SA
5	2909-001052	FT310	FILTER-LC	3.58MHz,3MHz,1.5dB,TP,11dB/1.0	SA
5	2901-001114	FT601	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	SA
5	2901-001264	FT602	FILTER-EMI SMD	25V,1A,-,297PF,3.2X1.6X10MM,TP	SA
5	2901-001264	FT603	FILTER-EMI SMD	25V,1A,-,297PF,3.2X1.6X10MM,TP	SA
5	2901-001264	FT604	FILTER-EMI SMD	25V,1A,-,297PF,3.2X1.6X10MM,TP	SA
5	2901-001264	FT605	FILTER-EMI SMD	25V,1A,-,297PF,3.2X1.6X10MM,TP	SA
5	2901-001264	FT606	FILTER-EMI SMD	25V,1A,-,297PF,3.2X1.6X10MM,TP	SA
5	2901-001264	FT607	FILTER-EMI SMD	25V,1A,-,297PF,3.2X1.6X10MM,TP	SA
5	2901-001114	FT711	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	SA
5	2901-001114	FT712	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	SA
5	3301-001145	FT713	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	2901-001114	FT714	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	SA
5	2901-001114	FT719	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	SA
5	2901-001114	FT720	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	SA
5	1205-002198	IC101	IC-RECEIVER	SI1169CT100,LQFP,100P,14X14MM,PLASTIC,3.6V,-,0TO+70C,TR,PANELINK RECEIVER	SA
5	1205-001778	IC102	IC-TRANSMITTER	SI1160CT100,TQFP,100P,55X1MIL,PLASTIC,4V,1.0W,0to+70C,TR,Digital Transmitter	SA
5	1203-001212	IC103	IC-VOL. DETECTOR	7029,SOT-89,3P,-,PLASTIC,-,500	SA
5	1203-001212	IC104	IC-VOL. DETECTOR	7029,SOT-89,3P,-,PLASTIC,-,500	SA
5	1103-000129	IC105	IC-EEPROM	24C02,256x8,SOP,8P,5x4mm,4.5/5.5V,0to+70C	SA
5	0803-000117	IC106	IC-TTL	74F14,INVERTER,SOP,14P,150MIL	SA
5	1203-001519	IC107	IC-POS1.ADJUST REG.	LM317,SOT223,3P,274 X 256MIL,P	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	1203-001293	IC108	IC-POSI.FIXED REG.	033,TO-252,3P,6.5MIL,PLASTIC,3	SA
5	1103-000129	IC109	IC-EEPROM	24C02,256x8,SOP,8P,5x4mm,4.5/5.5V,0to+70C	SA
5	1103-000129	IC110	IC-EEPROM	24C02,256x8,SOP,8P,5x4mm,4.5/5.5V,0to+70C	SA
5	1203-001293	IC114	IC-POSI.FIXED REG.	033,TO-252,3P,6.5MIL,PLASTIC,3	SA
5	1205-002383	IC115	IC-RECEIVER	SI993CT100,TQFP,100P,14x14mm,PLASTIC,3.6V,-,0to+70C,TR,IC-RECEIVER	SA
5	1001-001177	IC201	IC-VIDEO SWITCH	TEA6425D,VIDEO SWITCH,SOIC,20P,300MIL,-,8.8V,0TO+70C,PLASTIC,,-,,-,2UA,ST,-	SA
5	1001-001177	IC203	IC-VIDEO SWITCH	TEA6425D,VIDEO SWITCH,SOIC,20P,300MIL,-,8.8V,0TO+70C,PLASTIC,,-,,-,2UA,ST,-	SA
5	0904-001009	IC204	IC-I/O SUPPORT CHIP	8574A,-,SOP,16P,300MIL,100KHz,	SA
5	1001-001178	IC205	IC-AUDIO SWITCH	TEA6422D,AUDIO SWITCH,SOIC,28P,300MIL,-,10.2V,0TO+70C,PLASTIC,,-,,-,10UA,ST,-	SA
5	1001-001082	IC206	IC-VIDEO SWITCH	BA7657F,-,SOP,24P,300MIL,SINGL	SA
5	1203-001816	IC207	IC-POSI.FIXED REG.	78M08,TO-252,3P,-,PLASTIC,7.7/8.3V,1.0W,-,40TO+85C,0.5A,-,TP	SA
5	1001-001082	IC208	IC-VIDEO SWITCH	BA7657F,-,SOP,24P,300MIL,SINGL	SA
5	1203-002519	IC209	IC-POSI.FIXED REG.	KIA7808AF,DPAK,3P,240MIL,PLASTIC,8.64/9.36V,12W,-,30TO+150C,8MA,-,TP	SA
5	1204-001551	IC210	IC-VIDEO SYSTEM	GS1881,SOIC,8P,150MIL,PLASTIC,13.2V,-,0TO+70C,TP,VIDEO SYNC SEPARATOR	SA
5	1203-001824	IC211	IC-VOL. DETECTOR	7042,SOT-89,3P,-,PLASTIC,4.05V/4.35V,500MW,-,30TO+75C,20MA,-,TP	SA
5	1203-002855	IC301	IC-POSI.FIXED REG.	MC33269DTRK-5.0,DPRK,3P,257MIL,PLASTIC,4.95/5.05V,-,40to+150C,800mA,1.235/1.265V	SA
5	0801-002345	IC302	IC-CMOS LOGIC	7S04,INVERTER,SOT-353,5P,49MIL,SINGLE,TP,PLASTIC,,-,0.26V,-,40TO+85C,200MW,4.2V,	SA
5	0801-002345	IC304	IC-CMOS LOGIC	7S04,INVERTER,SOT-353,5P,49MIL,SINGLE,TP,PLASTIC,,-,0.26V,-,40TO+85C,200MW,4.2V,	SA
5	1204-001935	IC305	IC-SEPARATOR	UPD64083GF,QFP,100P,14X20MM,PLASTIC,3.6V,-,0TO+70C,TP,UPD64083GF	SA
5	1203-002351	IC306	IC-MULTI REG.	LF25C,DPAK,3P,240MIL,PLASTIC,2.45V/2.55V,-,40TO+125C,-,2.85V/16V,TP	SA
5	1204-002168	IC401	IC-VIDEO DECODER	VSP9437B-VK-C3,MQFP,80P,14x14mm,PLASTIC,3.47V,1.6W,0 to+70C,TR,-	SA
5	1204-001388	IC403	IC-DECODER	Z86129,SOP,18P,-,PLASTIC,6.0V,	SA
5	1105-001336	IC404	IC-DRAM	-,512K*32*4Bit,TSOP,86P,400MIL,6nS,3.3V,10%,-,0to70C,2mA,-,TP	SA
5	1003-001589	IC405	IC-DISPLAY DRIVER	FLI2310-BD,QFPF,208P,28x28mm,-,TR,PLASTIC,3.3V,-,40to100C,-,,-,-	SA
5	1203-002844	IC406	IC-POSI.FIXED REG.	AP1117D-18A,TO-252-3L,3P,6.7X5.6MM,PLASTIC,1.764/1.836V,-,0TO+150C,1A,-,TP	SA
5	1003-001592	IC501	IC-LCD CONTROLLER	GM1601H,PBGA,416P,35x35mm,-,TR,PLASTIC,3.15V,0to70C,-,2.4V/GND,-	SA
5	1105-001380	IC502	IC-DRAM	K4D263238F,4x1Mx32Bit,TQFP,100P,14x20mm,5nS,2.5V,5%,-,0to+65C,80mA,-,TR	SA
5	1203-002351	IC505	IC-MULTI REG.	LF25C,DPAK,3P,240MIL,PLASTIC,2.45V/2.55V,-,40TO+125C,-,2.85V/16V,TP	SA
5	1203-001293	IC506	IC-POSI.FIXED REG.	033,TO-252,3P,6.5MIL,PLASTIC,3	SA
5	1203-001559	IC601	IC-RESET	DS1834A,SOIC,8P,150MIL,PLASTIC,,-,,-,40TO+85C,-,,-,TP	SA
5	0801-002709	IC602	IC-CMOS LOGIC	74HC373,D FLIP-FLOP,TSSOP,20P,173MIL,OCTAL,TP,PLASTIC,3-STATE,-,OV,-,40TO+85C,600	SA
5	0909-001032	IC603	IC-REAL TIME CLOCK	8563,-,SOP,8P,153MIL,32.768KHz,TP,CMOS,PLASTIC,3V,300mW,-,40to+85C,-,,-,-,-	SA
5	0803-000777	IC604	IC-TTL	74F163,COUNTER,SOP,16P,150MIL,	SA
5	1103-001279	IC605	IC-EEPROM	24C32,4Kx8,SOP,8P,5x4mm,2.5/5.5V,-,40to+85C	SA
5	1106-001476	IC606	IC-SRAM	K6X1008C2D,128Kx8Bit,TSOP,32P,18.4x8.4mm,55nS,5V,4.5-5.5V,-,40to+85C,15uA,-,TP	SA
5	0803-000777	IC607	IC-TTL	74F163,COUNTER,SOP,16P,150MIL,	SA
5	3704-000001	IC608_SOCKET	SOCKET-IC	44P,PLCC,SN,-	SA
5	0801-002709	IC609	IC-CMOS LOGIC	74HC373,D FLIP-FLOP,TSSOP,20P,173MIL,OCTAL,TP,PLASTIC,3-STATE,-,OV,-,40TO+85C,600	SA
5	0803-000777	IC611	IC-TTL	74F163,COUNTER,SOP,16P,150MIL,	SA
5	1203-001559	IC612	IC-RESET	DS1834A,SOIC,8P,150MIL,PLASTIC,,-,,-,40TO+85C,-,,-,TP	SA
5	1001-001109	IC613	IC-ANALOG SWITCH	FST3125M,BUS SWITCH & CMOS,SOIC,17P,150MIL,QUAD,7V,-,40TO+85C,PLASTIC,-,4.00HM,5.	SA
5	0803-000777	IC614	IC-TTL	74F163,COUNTER,SOP,16P,150MIL,	SA
5	0803-000122	IC615	IC-TTL	74F125,BUFFER,SOP,14P,150MIL,Q	SA
5	1201-000166	IC616	IC-OP AMP	LM358,SOP,ST,8P,150MIL,DUAL,100V/MV,PLASTIC,32V,500MW,0TO+70C,70DB,0.6V/US,5NA,-	SA
5	0803-000117	IC617	IC-TTL	74F14,INVERTER,SOP,14P,150MIL,	SA
5	1001-001109	IC618	IC-ANALOG SWITCH	FST3125M,BUS SWITCH & CMOS,SOIC,17P,150MIL,QUAD,7V,-,40TO+85C,PLASTIC,-,4.00HM,5.	SA
5	1201-001907	IC619	IC-OP AMP	4580,EMP,TP,8P,5X3.9MM,DUAL,110DB,PLASTIC,15V,300MW,-,20TO+75C,110DB,5V/US,5NA,10	SA
5	1201-001907	IC620	IC-OP AMP	4580,EMP,TP,8P,5X3.9MM,DUAL,110DB,PLASTIC,15V,300MW,-,20TO+75C,110DB,5V/US,5NA,10	SA
5	1201-001907	IC621	IC-OP AMP	4580,EMP,TP,8P,5X3.9MM,DUAL,110DB,PLASTIC,15V,300MW,-,20TO+75C,110DB,5V/US,5NA,10	SA
5	1201-001907	IC622	IC-OP AMP	4580,EMP,TP,8P,5X3.9MM,DUAL,110DB,PLASTIC,15V,300MW,-,20TO+75C,110DB,5V/US,5NA,10	SA
5	1201-001907	IC623	IC-OP AMP	4580,EMP,TP,8P,5X3.9MM,DUAL,110DB,PLASTIC,15V,300MW,-,20TO+75C,110DB,5V/US,5NA,10	SA
5	1201-001495	IC624	IC-AUDIO AMP	7050,SOP,8P,150MIL,DUAL,26DB,PLASTIC,6V,0.25W,-,40DB,-,,-,20NA,-	SA
5	1201-002031	IC625	IC-AUDIO AMP	TPA3001D1,TSSOP,24P,7.8x4.4mm,-,2V,PLASTIC,18V,4.16W,-,40to+85C,-41dB,-,1uA,15mA,	SA
5	0801-002617	IC626	IC-CMOS LOGIC	7S08,2-INPUT AND GATE,SOT-23,5P,63MIL,SINGLE,TP,PLASTIC,3-STATE,-,OV,-,40to+85CC,	SA
5	1204-002179	IC627	IC-SOUND PROCESSOR	MSP4406_OA_C12_500,PQFP,80P,20x14mm,PLASTIC,8.7V,11W,0to+70C,TR,IC-SOUND PROCESS	SA
5	1203-001109	IC628	IC-VOL. DETECTOR	7045,SOT-89,3P,-,PLASTIC,4.3/4	SA
5	1201-002031	IC629	IC-AUDIO AMP	TPA3001D1,TSSOP,24P,7.8x4.4mm,-,2V,PLASTIC,18V,4.16W,-,40to+85C,-41dB,-,1uA,15mA,	SA
5	0801-002617	IC630	IC-CMOS LOGIC	7S08,2-INPUT AND GATE,SOT-23,5P,63MIL,SINGLE,TP,PLASTIC,3-STATE,-,OV,-,40to+85CC,	SA
5	0801-000703	IC632	IC-CMOS LOGIC	74HC126,BUFFER,SOP,14,150MIL,QUAD,TP,2.0/6.0V	SA
5	1203-001816	IC635	IC-POSI.FIXED REG.	78M08,TO-252,3P,-,PLASTIC,7.7/8.3V,1.0W,-,40TO+85C,0.5A,-,TP	SA
5	1203-002855	IC636	IC-POSI.FIXED REG.	MC33269DTRK-5.0,DPRK,3P,257MIL,PLASTIC,4.95/5.05V,-,40to+150C,800mA,1.235/1.265V	SA
5	1203-002387	IC701	IC-POSI.ADJUST REG.	39102,SOP,8P,153MIL,PLASTIC,-,2.5W,-,40TO+125C,2.5A,1.203/1.277V,TP	SA
5	1204-002244	IC702	IC-VIDEO PROCESS	DNIEPRO,BGA,272P,27x27mm,PLASTIC,3.3V,-,0to+70C,TR,IC-VIDEO PROCESS	SA
5	1203-002387	IC703	IC-POSI.ADJUST REG.	39102,SOP,8P,153MIL,PLASTIC,-,2.5W,-,40TO+125C,2.5A,1.203/1.277V,TP	SA
5	1205-001740	IC704	IC-TRANSMITTER	DS90C385,TSSOP,56P,240MIL,PLASTIC,4V,1.63W,-,10 TO +70C,ST,FPD LINK-85MHZ(LVDS)	SA
5	1205-001740	IC705	IC-TRANSMITTER	DS90C385,TSSOP,56P,240MIL,PLASTIC,4V,1.63W,-,10 TO +70C,ST,FPD LINK-85MHZ(LVDS)	SA
5	1105-001336	IC706	IC-DRAM	-,512K*32*4Bit,TSOP,86P,400MIL,6nS,3.3V,10%,-,0to70C,2mA,-,TP	SA
5	1105-001336	IC707	IC-DRAM	-,512K*32*4Bit,TSOP,86P,400MIL,6nS,3.3V,10%,-,0to70C,2mA,-,TP	SA
5	1203-001293	IC708	IC-POSI.FIXED REG.	033,TO-252,3P,6.5MIL,PLASTIC,3	SA

7 Electrical Parts List

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	1203-002351	IC709	IC-MULTI REG.	LF25C,DPAK,3P,240MIL,PLASTIC,2.45V/2.55V,-,-40TO+125C,-,2.85V/16V,TP	SA
5	1203-001009	IC803	IC-SWITCH REG.	3172,SOP,8P,244MIL,PLASTIC,1.8	SA
5	1203-003059	IC804	IC-SWITCH VOL. REG.	MP1583,SOLIC,8P,4.9x3.9mm,PLASTIC,1.22/21V,-,-40to+85CC,3A,1.194/1.25V,TP	SA
5	1203-003059	IC805	IC-SWITCH VOL. REG.	MP1583,SOLIC,8P,4.9x3.9mm,PLASTIC,1.22/21V,-,-40to+85CC,3A,1.194/1.25V,TP	SA
5	1006-001076	IC806	IC-DRIVER/RECEIVER	232,SOP,16P,300MIL,DUAL,ST,PLA	SA
5	1203-002855	IC808	IC-POSI.FIXED REG.	MC33269DTRK-5.0,DPRK,3P,257MIL,PLASTIC,4.95/5.05V,-,-40to+150C,800mA,1.235/1.265V	SA
5	1206-000111	IC851	IC-TIMER	KA555D/T.R,SOP,8P,150MIL,-,18V	SA
5	1206-000111	IC852	IC-TIMER	KA555D/T.R,SOP,8P,150MIL,-,18V	SA
5	1203-002855	IC853	IC-POSI.FIXED REG.	MC33269DTRK-5.0,DPRK,3P,257MIL,PLASTIC,4.95/5.05V,-,-40to+150C,800mA,1.235/1.265V	SA
5	1203-002855	IC854	IC-POSI.FIXED REG.	MC33269DTRK-5.0,DPRK,3P,257MIL,PLASTIC,4.95/5.05V,-,-40to+150C,800mA,1.235/1.265V	SA
5	2703-001778	L211	INDUCTOR-SMD	3.3uH,20%,3225	SA
5	2703-001778	L212	INDUCTOR-SMD	3.3uH,20%,3225	SA
5	2703-001334	L213	INDUCTOR-SMD	1.5uH,10%,2012	SA
5	2703-001334	L214	INDUCTOR-SMD	1.5uH,10%,2012	SA
5	2703-001778	L301	INDUCTOR-SMD	3.3uH,20%,3225	SA
5	2703-001778	L302	INDUCTOR-SMD	3.3uH,20%,3225	SA
5	2703-001778	L303	INDUCTOR-SMD	3.3uH,20%,3225	SA
5	2703-001778	L304	INDUCTOR-SMD	3.3uH,20%,3225	SA
5	2703-000398	L305	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L306	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-001778	L308	INDUCTOR-SMD	3.3uH,20%,3225	SA
5	2703-001778	L309	INDUCTOR-SMD	3.3uH,20%,3225	SA
5	2703-001778	L310	INDUCTOR-SMD	3.3uH,20%,3225	SA
5	2703-001334	L311	INDUCTOR-SMD	1.5uH,10%,2012	SA
5	2703-001334	L312	INDUCTOR-SMD	1.5uH,10%,2012	SA
5	2703-000271	L313	INDUCTOR-SMD	4.7uH,10%,2012	SA
5	2703-001334	L314	INDUCTOR-SMD	1.5uH,10%,2012	SA
5	2703-001334	L315	INDUCTOR-SMD	1.5uH,10%,2012	SA
5	2703-001334	L316	INDUCTOR-SMD	1.5uH,10%,2012	SA
5	2703-001334	L317	INDUCTOR-SMD	1.5uH,10%,2012	SA
5	2703-001334	L318	INDUCTOR-SMD	1.5uH,10%,2012	SA
5	2703-001334	L319	INDUCTOR-SMD	1.5uH,10%,2012	SA
5	2703-001334	L320	INDUCTOR-SMD	1.5uH,10%,2012	SA
5	BN27-00017A	L321	COIL CHOKE-SMD	P05845-330,LT17N2,33uH,10%,0.3ohm,1A,DR5845,35.5Ts,6*5.2*4.5,1.5mm,TP	SA
5	2703-001334	L401	INDUCTOR-SMD	1.5uH,10%,2012	SA
5	2703-001778	L402	INDUCTOR-SMD	3.3uH,20%,3225	SA
5	2703-001778	L403	INDUCTOR-SMD	3.3uH,20%,3225	SA
5	2703-001778	L404	INDUCTOR-SMD	3.3uH,20%,3225	SA
5	2703-001334	L405	INDUCTOR-SMD	1.5uH,10%,2012	SA
5	2703-001778	L407	INDUCTOR-SMD	3.3uH,20%,3225	SA
5	2703-001334	L408	INDUCTOR-SMD	1.5uH,10%,2012	SA
5	2703-001334	L409	INDUCTOR-SMD	1.5uH,10%,2012	SA
5	2703-001778	L411	INDUCTOR-SMD	3.3uH,20%,3225	SA
5	2703-001334	L412	INDUCTOR-SMD	1.5uH,10%,2012	SA
5	2703-001334	L413	INDUCTOR-SMD	1.5uH,10%,2012	SA
5	2703-001334	L414	INDUCTOR-SMD	1.5uH,10%,2012	SA
5	2703-001334	L415	INDUCTOR-SMD	1.5uH,10%,2012	SA
5	2703-001239	L420	INDUCTOR-SMD	3.3uH,10%,1608	SA
5	2703-001239	L421	INDUCTOR-SMD	3.3uH,10%,1608	SA
5	2703-001239	L422	INDUCTOR-SMD	3.3uH,10%,1608	SA
5	2703-001334	L501	INDUCTOR-SMD	1.5uH,10%,2012	SA
5	2703-001778	L502	INDUCTOR-SMD	3.3uH,20%,3225	SA
5	2703-001778	L503	INDUCTOR-SMD	3.3uH,20%,3225	SA
5	2703-001334	L504	INDUCTOR-SMD	1.5uH,10%,2012	SA
5	2703-001334	L505	INDUCTOR-SMD	1.5uH,10%,2012	SA
5	2703-001778	L506	INDUCTOR-SMD	3.3uH,20%,3225	SA
5	2703-001334	L507	INDUCTOR-SMD	1.5uH,10%,2012	SA
5	2703-001334	L508	INDUCTOR-SMD	1.5uH,10%,2012	SA
5	3301-001145	L511	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	2703-001778	L512	INDUCTOR-SMD	3.3uH,20%,3225	SA
5	2703-001778	L513	INDUCTOR-SMD	3.3uH,20%,3225	SA
5	2703-001334	L514	INDUCTOR-SMD	1.5uH,10%,2012	SA
5	2703-001778	L601	INDUCTOR-SMD	3.3uH,20%,3225	SA
5	3301-001595	L605	BEAD-SMD	1000ohm,7.0x6.0x4.5mm,4000mA,TP,,,0.012ohm	SA
5	3301-001595	L608	BEAD-SMD	1000ohm,7.0x6.0x4.5mm,4000mA,TP,,,0.012ohm	SA
5	2703-001778	L609	INDUCTOR-SMD	3.3uH,20%,3225	SA
5	3301-001593	L714	BEAD-SMD	200ohm,2.0x1.2x1.3mm,150mA,TP,,,0.25ohm	SA
5	3301-001593	L715	BEAD-SMD	200ohm,2.0x1.2x1.3mm,150mA,TP,,,0.25ohm	SA
5	3301-001593	L717	BEAD-SMD	200ohm,2.0x1.2x1.3mm,150mA,TP,,,0.25ohm	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	3301-001593	L718	BEAD-SMD	200ohm,2.0x1.2x1.3mm,150mA,TP,,,0.25ohm	SA
5	3301-001593	L719	BEAD-SMD	200ohm,2.0x1.2x1.3mm,150mA,TP,,,0.25ohm	SA
5	3301-001593	L720	BEAD-SMD	200ohm,2.0x1.2x1.3mm,150mA,TP,,,0.25ohm	SA
5	3301-001593	L721	BEAD-SMD	200ohm,2.0x1.2x1.3mm,150mA,TP,,,0.25ohm	SA
5	3301-001593	L722	BEAD-SMD	200ohm,2.0x1.2x1.3mm,150mA,TP,,,0.25ohm	SA
5	3301-001593	L725	BEAD-SMD	200ohm,2.0x1.2x1.3mm,150mA,TP,,,0.25ohm	SA
5	3301-001593	L726	BEAD-SMD	200ohm,2.0x1.2x1.3mm,150mA,TP,,,0.25ohm	SA
5	2703-000398	L811	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L812	INDUCTOR-SMD	10uH,10%,3225	SA
5	BN27-00008A	L813	COIL CHOKE-SMD	SMD12*12*8.5,GH15/17PS,22.0UH,±20%,0.0450HM MAX.,3.0A,DR10X7/SMD12X6.7,16.5TS	SA
5	BN27-00008A	L814	COIL CHOKE-SMD	SMD12*12*8.5,GH15/17PS,22.0UH,±20%,0.0450HM MAX.,3.0A,DR10X7/SMD12X6.7,16.5TS	SA
5	2703-001334	L815	INDUCTOR-SMD	1.5uH,10%,2012	SA
5	2703-001334	L816	INDUCTOR-SMD	1.5uH,10%,2012	SA
5	BN41-00423D	MP1.0	PCB MAIN	GAIA,6,MP1.0,1.6,320*245	SNA
5	0501-000344	Q101	TR-SMALL SIGNAL	KSC1623-G,NPN,200mW,SOT-23,TP,	SA
5	0501-002080	Q201	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
5	0501-000280	Q202	TR-SMALL SIGNAL	KSA1182,PNP,150mW,SOT-23,TP,70	SA
5	0501-002080	Q301	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
5	0501-002080	Q302	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
5	0501-002080	Q303	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
5	0501-002080	Q304	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
5	0501-000280	Q305	TR-SMALL SIGNAL	KSA1182,PNP,150mW,SOT-23,TP,70	SA
5	0501-000280	Q306	TR-SMALL SIGNAL	KSA1182,PNP,150mW,SOT-23,TP,70	SA
5	0501-000280	Q307	TR-SMALL SIGNAL	KSA1182,PNP,150mW,SOT-23,TP,70	SA
5	0501-000344	Q308	TR-SMALL SIGNAL	KSC1623-G,NPN,200mW,SOT-23,TP,	SA
5	0501-000342	Q309	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q310	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000344	Q311	TR-SMALL SIGNAL	KSC1623-G,NPN,200mW,SOT-23,TP,	SA
5	0501-000342	Q312	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000280	Q313	TR-SMALL SIGNAL	KSA1182,PNP,150mW,SOT-23,TP,70	SA
5	0501-000280	Q314	TR-SMALL SIGNAL	KSA1182,PNP,150mW,SOT-23,TP,70	SA
5	0501-002080	Q315	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
5	0501-000280	Q316	TR-SMALL SIGNAL	KSA1182,PNP,150mW,SOT-23,TP,70	SA
5	0501-000342	Q317	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000280	Q318	TR-SMALL SIGNAL	KSA1182,PNP,150mW,SOT-23,TP,70	SA
5	0501-000280	Q319	TR-SMALL SIGNAL	KSA1182,PNP,150mW,SOT-23,TP,70	SA
5	0501-000342	Q320	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q321	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000280	Q322	TR-SMALL SIGNAL	KSA1182,PNP,150mW,SOT-23,TP,70	SA
5	0501-000280	Q323	TR-SMALL SIGNAL	KSA1182,PNP,150mW,SOT-23,TP,70	SA
5	0501-000280	Q324	TR-SMALL SIGNAL	KSA1182,PNP,150mW,SOT-23,TP,70	SA
5	0501-000342	Q325	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000280	Q326	TR-SMALL SIGNAL	KSA1182,PNP,150mW,SOT-23,TP,70	SA
5	0501-002080	Q602	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
5	0501-000342	Q603	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q604	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-002080	Q605	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
5	0501-000342	Q606	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q610	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q611	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000344	Q801	TR-SMALL SIGNAL	KSC1623-G,NPN,200mW,SOT-23,TP,	SA
5	0501-002080	Q802	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
5	0501-002080	Q803	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
5	0501-000344	Q804	TR-SMALL SIGNAL	KSC1623-G,NPN,200mW,SOT-23,TP,	SA
5	0501-000344	Q805	TR-SMALL SIGNAL	KSC1623-G,NPN,200mW,SOT-23,TP,	SA
5	0501-000344	Q807	TR-SMALL SIGNAL	KSC1623-G,NPN,200mW,SOT-23,TP,	SA
5	0501-000344	Q808	TR-SMALL SIGNAL	KSC1623-G,NPN,200mW,SOT-23,TP,	SA
5	2007-000113	R101	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R102	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000113	R103	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R104	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R105	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R106	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R107	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000869	R108	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000309	R109	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R110	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000113	R1100	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R1101	R-CHIP	100ohm,5%,1/10W,TP,1608	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2007-000608	R1102	R-CHIP	240ohm,5%,1/10W,TP,1608	SA
5	2007-000821	R1103	R-CHIP	390ohm,1%,1/10W,TP,1608	SA
5	2007-000073	R1104	R-CHIP	91ohm,5%,1/10W,TP,1608	SA
5	2007-000073	R1105	R-CHIP	91ohm,5%,1/10W,TP,1608	SA
5	2007-000073	R1106	R-CHIP	91ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R1107	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R1108	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000869	R1109	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R111	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R1110	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000092	R1111	R-CHIP	15Kohm,5%,1/10W,TP,1608	SA
5	2007-000092	R1112	R-CHIP	15Kohm,5%,1/10W,TP,1608	SA
5	2007-000125	R1113	R-CHIP	3.9Kohm,5%,1/10W,TP,1608	SA
5	2007-000072	R1114	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-001042	R1115	R-CHIP	56ohm,1%,1/10W,TP,1608	SA
5	2007-000072	R1116	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-001042	R1117	R-CHIP	56ohm,1%,1/10W,TP,1608	SA
5	2007-000092	R1118	R-CHIP	15Kohm,5%,1/10W,TP,1608	SA
5	2007-000092	R1119	R-CHIP	15Kohm,5%,1/10W,TP,1608	SA
5	2007-000070	R112	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R1120	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R1121	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R1122	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-001042	R1123	R-CHIP	56ohm,1%,1/10W,TP,1608	SA
5	2007-000309	R1124	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R1125	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-001042	R1126	R-CHIP	56ohm,1%,1/10W,TP,1608	SA
5	2007-000309	R1127	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000092	R1128	R-CHIP	15Kohm,5%,1/10W,TP,1608	SA
5	2007-000092	R1129	R-CHIP	15Kohm,5%,1/10W,TP,1608	SA
5	2007-000309	R113	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-001042	R1130	R-CHIP	56ohm,1%,1/10W,TP,1608	SA
5	2007-001042	R1131	R-CHIP	56ohm,1%,1/10W,TP,1608	SA
5	2007-000052	R1132	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R1133	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000113	R1134	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-000113	R1135	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-000113	R1136	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-000113	R1137	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-000113	R1138	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R114	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R115	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R116	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R117	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R118	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R119	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R120	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R121	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000113	R122	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-000113	R1223	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-000113	R1224	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-000113	R1225	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-001002	R123	R-CHIP	510ohm,5%,1/10W,TP,1608	SA
5	2007-000869	R124	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R125	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R126	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000071	R127	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000869	R128	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R129	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000869	R130	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R131	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000869	R132	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000080	R133	R-CHIP	2Kohm,5%,1/10W,TP,1608	SA
5	2007-000869	R134	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000070	R135	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000076	R136	R-CHIP	330ohm,5%,1/10W,TP,1608	SA
5	2007-000869	R137	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R138	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R139	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2007-000869	R140	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R141	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R142	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R143	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R144	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R145	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000075	R146	R-CHIP	220ohm,5%,1/10W,TP,1608	SA
5	2007-000120	R147	R-CHIP	680ohm,5%,1/10W,TP,1608	SA
5	2007-000869	R148	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R149	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R150	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R151	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000070	R152	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000113	R1522	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-000113	R1523	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-000113	R1524	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-000113	R1525	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-000113	R1526	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-000113	R1527	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-000113	R1528	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-000113	R1529	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R153	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R154	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R155	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R156	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R157	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R158	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R159	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R160	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R161	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R162	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R163	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000113	R164	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R165	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000120	R166	R-CHIP	680ohm,5%,1/10W,TP,1608	SA
5	2007-000113	R167	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-000113	R168	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-000075	R169	R-CHIP	220ohm,5%,1/10W,TP,1608	SA
5	2007-000821	R170	R-CHIP	390ohm,1%,1/10W,TP,1608	SA
5	2007-001002	R171	R-CHIP	510ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R172	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R173	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R174	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R175	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R176	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R177	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R178	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R179	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R180	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R181	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R182	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R183	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000113	R184	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-000113	R186	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R187	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R188	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-001164	R189	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-000309	R190	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R191	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-001164	R192	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-000309	R193	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-001164	R194	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-000309	R195	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R196	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000113	R197	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R198	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R199	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000869	R201	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R202	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2007-000869	R203	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R204	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R205	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R206	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R207	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R208	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R209	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R210	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R2100	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000091	R2101	R-CHIP	12Kohm,5%,1/10W,TP,1608	SA
5	2007-000052	R2102	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R2103	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R2104	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R2105	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R2106	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R2107	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R2108	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R2109	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R211	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R2110	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R2111	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R2112	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-001164	R2113	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-000072	R2114	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R2115	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000094	R2116	R-CHIP	22Kohm,5%,1/10W,TP,1608	SA
5	2007-000074	R2117	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R2118	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R2119	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R212	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R2120	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R2121	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R2122	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R2123	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R2124	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000072	R2125	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R2126	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R2127	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R2128	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000072	R2129	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000869	R213	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000072	R2130	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R2131	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R2132	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R2133	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R2134	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R2135	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R2136	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R2137	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R2138	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R2139	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000869	R214	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000072	R2140	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000102	R2141	R-CHIP	100Kohm,5%,1/10W,TP,1608	SA
5	2007-000102	R2142	R-CHIP	100Kohm,5%,1/10W,TP,1608	SA
5	2007-000102	R2143	R-CHIP	100Kohm,5%,1/10W,TP,1608	SA
5	2007-000102	R2144	R-CHIP	100Kohm,5%,1/10W,TP,1608	SA
5	2007-000102	R2145	R-CHIP	100Kohm,5%,1/10W,TP,1608	SA
5	2007-000102	R2146	R-CHIP	100Kohm,5%,1/10W,TP,1608	SA
5	2007-000102	R2147	R-CHIP	100Kohm,5%,1/10W,TP,1608	SA
5	2007-000102	R2148	R-CHIP	100Kohm,5%,1/10W,TP,1608	SA
5	2007-000102	R2149	R-CHIP	100Kohm,5%,1/10W,TP,1608	SA
5	2007-000052	R215	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000102	R2150	R-CHIP	100Kohm,5%,1/10W,TP,1608	SA
5	2007-000102	R2151	R-CHIP	100Kohm,5%,1/10W,TP,1608	SA
5	2007-000102	R2152	R-CHIP	100Kohm,5%,1/10W,TP,1608	SA
5	2007-000043	R2153	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000072	R2154	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R2155	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2007-000072	R2156	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R2157	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R2158	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R2159	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R216	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R2160	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000072	R2161	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R2162	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000309	R2163	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R2164	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R2165	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000309	R2166	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R2167	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000869	R2168	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000097	R2169	R-CHIP	47Kohm,5%,1/10W,TP,1608	SA
5	2007-000074	R217	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R2170	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R2171	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-001164	R2172	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-000072	R2173	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R2174	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R2175	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R2176	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R2177	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R2178	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R2179	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R218	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000072	R2180	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R2181	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000107	R2182	R-CHIP	470Kohm,5%,1/10W,TP,1608	SA
5	2007-001164	R2183	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R2184	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-000107	R2185	R-CHIP	470Kohm,5%,1/10W,TP,1608	SA
5	2007-000043	R2186	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R2187	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-001164	R2189	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-000219	R219	R-CHIP	1.2Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R2190	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-001114	R2191	R-CHIP	680Kohm,5%,1/10W,TP,1608	SA
5	2007-000102	R2192	R-CHIP	100Kohm,5%,1/10W,TP,1608	SA
5	2007-000102	R2193	R-CHIP	100Kohm,5%,1/10W,TP,1608	SA
5	2007-001164	R2194	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-000072	R2195	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R220	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R222	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R223	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R224	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R225	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R226	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R227	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R228	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R229	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R230	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R231	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R232	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R233	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R234	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000072	R235	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R236	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R237	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R238	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R239	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R240	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R241	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000219	R242	R-CHIP	1.2Kohm,1%,1/10W,TP,1608	SA
5	2007-000072	R243	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R245	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R246	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R247	R-CHIP	100ohm,5%,1/10W,TP,1608	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2007-000074	R248	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R249	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R250	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R251	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R252	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R253	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R254	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R255	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R256	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R257	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R258	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R259	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R261	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R262	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R263	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R264	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R265	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R266	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000121	R267	R-CHIP	820ohm,5%,1/10W,TP,1608	SA
5	2007-000869	R268	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R269	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R270	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000097	R271	R-CHIP	47Kohm,5%,1/10W,TP,1608	SA
5	2007-000043	R272	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R273	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R274	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R275	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R276	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000072	R277	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R278	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R279	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R280	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R281	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R282	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R283	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R284	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R285	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R286	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R287	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R288	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R289	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R290	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R291	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R292	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R293	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R294	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R295	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R296	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000869	R297	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000071	R298	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000869	R299	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R301	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R303	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R304	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R305	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000097	R308	R-CHIP	47Kohm,5%,1/10W,TP,1608	SA
5	2007-000119	R3100	R-CHIP	560ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R3101	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000979	R3102	R-CHIP	5.6Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R3103	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R3104	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000124	R3105	R-CHIP	2.2Kohm,5%,1/10W,TP,1608	SA
5	2007-000096	R3106	R-CHIP	30Kohm,5%,1/10W,TP,1608	SA
5	2007-000124	R3107	R-CHIP	2.2Kohm,5%,1/10W,TP,1608	SA
5	2007-000043	R3108	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000309	R3109	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000109	R311	R-CHIP	1Mohm,5%,1/10W,TP,1608	SA
5	2007-000124	R3110	R-CHIP	2.2Kohm,5%,1/10W,TP,1608	SA
5	2007-000077	R3111	R-CHIP	470ohm,5%,1/10W,TP,1608	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2007-000043	R3112	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000119	R3113	R-CHIP	560ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R3114	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R3115	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000125	R3116	R-CHIP	3.9Kohm,5%,1/10W,TP,1608	SA
5	2007-000309	R3117	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000094	R3118	R-CHIP	22Kohm,5%,1/10W,TP,1608	SA
5	2007-000309	R3119	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R312	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R3120	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-001093	R3122	R-CHIP	620ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R3123	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000088	R3124	R-CHIP	7.5Kohm,5%,1/10W,TP,1608	SA
5	2007-000043	R3125	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000119	R3126	R-CHIP	560ohm,5%,1/10W,TP,1608	SA
5	2007-000979	R3127	R-CHIP	5.6Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R313	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R3131	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R3132	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000659	R3133	R-CHIP	27ohm,5%,1/10W,TP,1608	SA
5	2007-000097	R314	R-CHIP	47Kohm,5%,1/10W,TP,1608	SA
5	2007-000097	R315	R-CHIP	47Kohm,5%,1/10W,TP,1608	SA
5	2007-000097	R317	R-CHIP	47Kohm,5%,1/10W,TP,1608	SA
5	2007-000097	R318	R-CHIP	47Kohm,5%,1/10W,TP,1608	SA
5	2007-000309	R319	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R320	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R321	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-001164	R323	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001002	R324	R-CHIP	510ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R325	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000121	R326	R-CHIP	820ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R327	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000691	R328	R-CHIP	3.3Mohm,5%,1/10W,TP,1608	SA
5	2007-000119	R329	R-CHIP	560ohm,5%,1/10W,TP,1608	SA
5	2007-000080	R330	R-CHIP	2Kohm,5%,1/10W,TP,1608	SA
5	2007-000869	R331	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000097	R332	R-CHIP	47Kohm,5%,1/10W,TP,1608	SA
5	2007-000125	R333	R-CHIP	3.9Kohm,5%,1/10W,TP,1608	SA
5	2007-000077	R334	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R335	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-007733	R336	R-CHIP	51ohm,1%,1/10W,TP,1608	SA
5	2007-000962	R337	R-CHIP	5.1Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R338	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000219	R339	R-CHIP	1.2Kohm,1%,1/10W,TP,1608	SA
5	2007-000097	R340	R-CHIP	47Kohm,5%,1/10W,TP,1608	SA
5	2007-000052	R341	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000097	R342	R-CHIP	47Kohm,5%,1/10W,TP,1608	SA
5	2007-000097	R343	R-CHIP	47Kohm,5%,1/10W,TP,1608	SA
5	2007-001164	R344	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-000402	R345	R-CHIP	150ohm,5%,1/10W,TP,1608	SA
5	2007-000219	R346	R-CHIP	1.2Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R347	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R348	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000219	R349	R-CHIP	1.2Kohm,1%,1/10W,TP,1608	SA
5	2007-000093	R350	R-CHIP	20Kohm,5%,1/10W,TP,1608	SA
5	2007-000119	R351	R-CHIP	560ohm,5%,1/10W,TP,1608	SA
5	2007-000979	R352	R-CHIP	5.6Kohm,1%,1/10W,TP,1608	SA
5	2007-000309	R354	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000075	R355	R-CHIP	220ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R356	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000309	R357	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R358	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000729	R359	R-CHIP	300ohm,5%,1/10W,TP,1608	SA
5	2007-001164	R360	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-000309	R361	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R362	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R363	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-001164	R364	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-000097	R365	R-CHIP	47Kohm,5%,1/10W,TP,1608	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2007-000043	R366	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R367	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R368	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R369	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R370	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000869	R371	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R372	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R373	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000124	R374	R-CHIP	2.2Kohm,5%,1/10W,TP,1608	SA
5	2007-000119	R375	R-CHIP	560ohm,5%,1/10W,TP,1608	SA
5	2007-000075	R376	R-CHIP	220ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R377	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000608	R378	R-CHIP	240ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R379	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000309	R380	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R381	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R382	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000070	R383	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R384	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000132	R385	R-CHIP	180Kohm,5%,1/10W,TP,1608	SA
5	2007-000124	R386	R-CHIP	2.2Kohm,5%,1/10W,TP,1608	SA
5	2007-001101	R387	R-CHIP	62ohm,5%,1/10W,TP,1608	SA
5	2007-000979	R388	R-CHIP	5.6Kohm,1%,1/10W,TP,1608	SA
5	2007-000077	R389	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000119	R390	R-CHIP	560ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R391	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R392	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000094	R393	R-CHIP	22Kohm,5%,1/10W,TP,1608	SA
5	2007-000309	R394	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-001093	R396	R-CHIP	620ohm,5%,1/10W,TP,1608	SA
5	2007-001101	R397	R-CHIP	62ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R398	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000088	R399	R-CHIP	7.5Kohm,5%,1/10W,TP,1608	SA
5	2007-001164	R401	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R402	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-000070	R403	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R404	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-001164	R405	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-000074	R406	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R407	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R409	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R410	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R4100	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R4102	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R4103	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R4104	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000869	R4105	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000070	R411	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-001164	R412	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R413	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R414	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R417	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R418	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-000074	R422	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R424	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R425	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-001164	R426	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-007870	R427	R-CHIP	187ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R428	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-000869	R429	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R430	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R431	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-001164	R432	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-000121	R433	R-CHIP	820ohm,5%,1/10W,TP,1608	SA
5	2007-000121	R434	R-CHIP	820ohm,5%,1/10W,TP,1608	SA
5	2007-000121	R435	R-CHIP	820ohm,5%,1/10W,TP,1608	SA
5	2007-001164	R436	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-000097	R437	R-CHIP	47Kohm,5%,1/10W,TP,1608	SA
5	2007-000074	R438	R-CHIP	100ohm,5%,1/10W,TP,1608	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2007-000052	R439	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-001164	R440	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R441	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R442	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-000043	R443	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000072	R444	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R445	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000080	R446	R-CHIP	2Kohm,5%,1/10W,TP,1608	SA
5	2007-000072	R447	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R448	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R449	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R450	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R451	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000869	R452	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000070	R453	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R454	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R455	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000070	R456	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R457	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R458	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R459	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R460	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000087	R461	R-CHIP	6.8Kohm,5%,1/10W,TP,1608	SA
5	2007-000070	R462	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R463	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R464	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R465	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R466	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R467	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R468	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R469	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R470	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R471	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R472	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R473	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R474	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R475	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R476	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R477	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R478	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R479	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R480	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000070	R481	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000113	R482	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R483	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R484	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R485	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000070	R486	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R487	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R488	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R489	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R490	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R491	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R492	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R493	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R494	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R495	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R496	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000070	R497	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R499	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R501	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R502	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-007850	R503	R-CHIP	249ohm,1%,1/10W,TP,1608	SA
5	2007-000052	R504	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-001042	R505	R-CHIP	56ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R506	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001042	R507	R-CHIP	56ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R508	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-000052	R509	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2007-000052	R51	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-001042	R510	R-CHIP	56ohm,1%,1/10W,TP,1608	SA
5	2007-000052	R5101	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R5102	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R5104	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R5106	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000071	R5107	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R5108	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000071	R5109	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-001164	R511	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-000052	R5111	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000071	R5112	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R5113	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R5115	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000071	R5116	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000082	R5117	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000074	R5118	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000869	R5119	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000821	R512	R-CHIP	390ohm,1%,1/10W,TP,1608	SA
5	2007-000869	R5120	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R5121	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R5122	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000071	R5123	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R513	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R514	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R515	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000082	R516	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-007852	R517	R-CHIP	140ohm,1%,1/10W,TP,1608	SA
5	2007-000113	R518	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-000113	R519	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-000113	R520	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-000113	R521	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-000113	R522	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-000113	R523	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-000113	R524	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-000113	R525	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-000113	R526	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-000113	R527	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R528	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000113	R529	R-CHIP	33ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R530	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R531	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R532	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R533	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R534	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R535	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R536	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000071	R537	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R538	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R539	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R540	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000082	R541	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000074	R542	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000082	R543	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000071	R544	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R545	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R546	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R547	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R548	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R549	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R550	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R551	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R552	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R553	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R554	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R555	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R556	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R557	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R558	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2007-000869	R559	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R560	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R561	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R562	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R563	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R564	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000072	R565	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R566	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R567	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R569	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000072	R570	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R571	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R573	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R575	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R576	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R577	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R578	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R580	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R581	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R583	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R584	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R585	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R587	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000070	R589	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R590	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R591	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R592	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R594	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R595	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R596	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R598	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R599	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R601	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R602	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R603	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R604	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000071	R605	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R606	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R607	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R608	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R609	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R610	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000704	R6101	R-CHIP	3.6Kohm,5%,1/10W,TP,1608	SA
5	2007-000402	R6103	R-CHIP	150ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R6104	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000070	R6105	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R6106	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R6107	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R6108	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000869	R6109	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R611	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R6110	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000070	R6111	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R6112	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000869	R6116	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R6117	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R6118	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R6119	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R6120	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R6121	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R6122	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R6123	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R6124	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R6125	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R6126	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R6127	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R6129	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R613	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R6130	R-CHIP	100ohm,5%,1/10W,TP,1608	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2007-000869	R6131	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R6132	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R6134	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R6135	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R6136	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R6137	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R6138	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000458	R6139	R-CHIP	18Kohm,5%,1/10W,TP,1608	SA
5	2007-000074	R614	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000869	R6140	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R6141	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R6142	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R6143	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R6144	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R6145	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000098	R6146	R-CHIP	56Kohm,5%,1/10W,TP,1608	SA
5	2007-000070	R6147	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R6148	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000076	R6149	R-CHIP	330ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R615	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000076	R6150	R-CHIP	330ohm,5%,1/10W,TP,1608	SA
5	2007-000076	R6151	R-CHIP	330ohm,5%,1/10W,TP,1608	SA
5	2007-000076	R6152	R-CHIP	330ohm,5%,1/10W,TP,1608	SA
5	2007-001164	R6153	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-000098	R6155	R-CHIP	56Kohm,5%,1/10W,TP,1608	SA
5	2007-000043	R6156	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R6157	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R6158	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R6159	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R616	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000097	R6160	R-CHIP	47Kohm,5%,1/10W,TP,1608	SA
5	2007-000098	R6161	R-CHIP	56Kohm,5%,1/10W,TP,1608	SA
5	2007-000043	R6162	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R6163	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R6164	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-001164	R6166	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-000329	R6167	R-CHIP	11Kohm,5%,1/10W,TP,1608	SA
5	2007-000329	R6168	R-CHIP	11Kohm,5%,1/10W,TP,1608	SA
5	2007-000076	R6169	R-CHIP	330ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R617	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R6170	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-001164	R6171	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-000076	R6172	R-CHIP	330ohm,5%,1/10W,TP,1608	SA
5	2007-000076	R6173	R-CHIP	330ohm,5%,1/10W,TP,1608	SA
5	2007-000076	R6174	R-CHIP	330ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R6175	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R6176	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R6177	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R6178	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R6179	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R6180	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R6181	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R6182	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R6183	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000098	R6184	R-CHIP	56Kohm,5%,1/10W,TP,1608	SA
5	2007-000043	R6185	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R6186	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R6187	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000093	R6188	R-CHIP	20Kohm,5%,1/10W,TP,1608	SA
5	2007-000093	R6189	R-CHIP	20Kohm,5%,1/10W,TP,1608	SA
5	2007-000074	R619	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R6190	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R6191	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000102	R6192	R-CHIP	100Kohm,5%,1/10W,TP,1608	SA
5	2007-000124	R6193	R-CHIP	2.2Kohm,5%,1/10W,TP,1608	SA
5	2007-000052	R6194	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R6195	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R6196	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R6197	R-CHIP	22ohm,5%,1/10W,TP,1608	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2007-000071	R6198	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000103	R6199	R-CHIP	120Kohm,5%,1/10W,TP,1608	SA
5	2007-000074	R620	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R6200	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-007733	R6201	R-CHIP	51ohm,1%,1/10W,TP,1608	SA
5	2007-000043	R6202	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-007733	R6203	R-CHIP	51ohm,1%,1/10W,TP,1608	SA
5	2007-000043	R6204	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R6205	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R6206	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R6207	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R6208	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R6209	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R621	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000869	R6210	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R6211	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R6212	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R6213	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000071	R6214	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R6215	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000071	R6216	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R6217	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R6218	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000071	R6219	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R622	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R6220	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R6221	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000071	R6222	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R6223	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000102	R6224	R-CHIP	100Kohm,5%,1/10W,TP,1608	SA
5	2007-000124	R6225	R-CHIP	2.2Kohm,5%,1/10W,TP,1608	SA
5	2007-000103	R6226	R-CHIP	120Kohm,5%,1/10W,TP,1608	SA
5	2007-007733	R6227	R-CHIP	51ohm,1%,1/10W,TP,1608	SA
5	2007-007733	R6228	R-CHIP	51ohm,1%,1/10W,TP,1608	SA
5	2007-000074	R6229	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R6230	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000869	R6232	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R6238	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R6239	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R624	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-007004	R6241	R-CHIP	12Kohm,1%,1/10W,TP,1608	SA
5	2007-001175	R6242	R-CHIP	8.2Kohm,1%,1/10W,TP,1608	SA
5	2007-000683	R6243	R-CHIP	3.3Kohm,1%,1/10W,TP,1608	SA
5	2007-000704	R6244	R-CHIP	3.6Kohm,5%,1/10W,TP,1608	SA
5	2007-000071	R6245	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R6249	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R625	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R6250	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R626	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R627	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R628	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R629	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R630	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R6309	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R631	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000309	R6310	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R632	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R633	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R634	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R635	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R636	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R641	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R642	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R643	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R644	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R645	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R646	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R647	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R648	R-CHIP	100ohm,5%,1/10W,TP,1608	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2007-000074	R649	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R650	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R651	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R652	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R653	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R654	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R655	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R656	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R657	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R658	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R659	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R660	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R661	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R662	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R663	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R664	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R665	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R666	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R667	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R668	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R669	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R670	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000309	R671	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R672	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R673	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R674	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000309	R675	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R676	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R677	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R678	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R679	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R680	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R681	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R682	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R683	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R684	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000070	R685	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R686	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R687	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R688	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R689	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R690	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R691	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R692	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R693	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R694	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R695	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R696	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000074	R697	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R698	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R699	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000071	R701	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R702	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R703	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R704	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R705	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R706	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R707	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R708	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R709	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000070	R710	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R711	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R712	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000070	R713	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R715	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R716	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R717	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000070	R718	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R719	R-CHIP	0ohm,5%,1/10W,TP,1608	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2007-000070	R720	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R721	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R722	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R723	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R724	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R725	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R726	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R727	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R728	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000072	R729	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R730	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R731	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R732	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R733	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R734	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R735	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R736	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R737	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R738	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R739	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R740	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R741	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R742	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R743	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R744	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R745	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R746	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R747	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R748	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R749	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R750	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000869	R751	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000071	R754	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R756	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R757	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R758	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000052	R811	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R812	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R813	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R814	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000962	R815	R-CHIP	5.1Kohm,1%,1/10W,TP,1608	SA
5	2007-000093	R816	R-CHIP	20Kohm,5%,1/10W,TP,1608	SA
5	2007-007651	R817	R-CHIP	9.1Kohm,1%,1/10W,TP,1608	SA
5	2007-000869	R818	R-CHIP	4.7Kohm,1%,1/10W,TP,1608	SA
5	2007-000119	R819	R-CHIP	560ohm,5%,1/10W,TP,1608	SA
5	2007-000119	R820	R-CHIP	560ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R821	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R822	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R823	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R824	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R825	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R826	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000129	R827	R-CHIP	27Kohm,5%,1/10W,TP,1608	SA
5	2007-000125	R828	R-CHIP	3.9Kohm,5%,1/10W,TP,1608	SA
5	2007-000043	R829	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000101	R830	R-CHIP	82Kohm,5%,1/10W,TP,1608	SA
5	2007-000043	R831	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000098	R832	R-CHIP	56Kohm,5%,1/10W,TP,1608	SA
5	2007-000052	R833	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000939	R834	R-CHIP	47Kohm,1%,1/10W,TP,1608	SA
5	2007-000094	R835	R-CHIP	22Kohm,5%,1/10W,TP,1608	SA
5	2007-000052	R836	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000102	R837	R-CHIP	100Kohm,5%,1/10W,TP,1608	SA
5	2007-000979	R838	R-CHIP	5.6Kohm,1%,1/10W,TP,1608	SA
5	2007-000070	R839	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R840	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000102	R841	R-CHIP	100Kohm,5%,1/10W,TP,1608	SA
5	2007-000070	R842	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000043	R843	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA

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Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2011-000002	RA543	R-NET	220HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000002	RA701	R-NET	220HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000002	RA702	R-NET	220HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000002	RA703	R-NET	220HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000002	RA704	R-NET	220HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000002	RA705	R-NET	220HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000002	RA706	R-NET	220HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000002	RA707	R-NET	220HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000002	RA708	R-NET	220HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000002	RA709	R-NET	220HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000002	RA710	R-NET	220HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000002	RA711	R-NET	220HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000002	RA712	R-NET	220HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	3711-005292	SP601	CONNECTOR-HEADER	BOX,3P,1R,2MM,SMD-A,SN,WHT	SA
5	3711-005291	SP602	CONNECTOR-HEADER	BOX,2P,1R,2MM,SMD-A,SN,WHT	SA
5	3404-001207	SW601	SWITCH-TACT	12V,50MA,160GF,6.2X6.2,SPST	SA
5	2801-003948	X201	CRYSTAL-SMD	12MHZ,30ppm,28-AAN,12pF,60ohm,TP	SA
5	2801-003755	X301	CRYSTAL-SMD	20MHZ,30PPM,28-AAN,20PF,50OHM,TP	SA
5	2801-003755	X302	CRYSTAL-SMD	20MHZ,30PPM,28-AAN,20PF,50OHM,TP	SA
5	2801-004004	X401	CRYSTAL-SMD	20.25MHZ,20ppm,28-AAN,13pF,25ohm,TP	SA
5	2801-004211	X402	CRYSTAL-SMD	13.5MHZ,25PPM,28-AAN,20PF,40OHM,TP	SA
5	2801-003667	X501	CRYSTAL-SMD	14.31818MHz,30ppm,28-AAN,16,50ohm,TP	SA
5	2801-003700	X602	CRYSTAL-SMD	8MHz,30ppm,28-AAN,20pF,80ohm,T	SA
5	2801-004300	X604	CRYSTAL-SMD	18.432MHz,30ppm,28-ABX,13pF,30ohm,TP	SA
5	BN97-00400R	MICOM	ASSY MICOM	GA46UO	SNA
5	MD09-00137A	IC202	IC MICOM	P-PCFM-012,P-PCFM-012,32.5V,12MHZ,I/O EXPANDER,8K BYTE,SOP,SOP,12 X19.9,8,-40°...	SA
6	1107-001405	IC504	IC-FLASH MEMORY	29LV320,4Mx8/2Mx16,TSOP,48P,18.4x12mm,3.0/3.6V,-40to+85C	SA
5	BP27-00003A	L603	COIL CHOKE-SMD	33uH,HLN507WX,33uH,20%,0.06ohm,1.5A,19.5T,12*12*8.5,7.0mm,TP,-25-85,SMD TYPE	SA
5	BP27-00003A	L604	COIL CHOKE-SMD	33uH,HLN507WX,33uH,20%,0.06ohm,1.5A,19.5T,12*12*8.5,7.0mm,TP,-25-85,SMD TYPE	SA
5	BP27-00003A	L606	COIL CHOKE-SMD	33uH,HLN507WX,33uH,20%,0.06ohm,1.5A,19.5T,12*12*8.5,7.0mm,TP,-25-85,SMD TYPE	SA
5	BP27-00003A	L607	COIL CHOKE-SMD	33uH,HLN507WX,33uH,20%,0.06ohm,1.5A,19.5T,12*12*8.5,7.0mm,TP,-25-85,SMD TYPE	SA
3	BN94-00443U	-	ASSY PCB POWER	GA46KO	SNA
4	2401-003024	C1816	C-AL	220uF,20%,200V,WT,BK,22x35,10	SA
4	2401-003024	C1817	C-AL	220uF,20%,200V,WT,BK,22x35,10	SA
4	0202-001362	CIS	SOLDER-WIRE	-,S63S,D3,63Sn/37Pb,-	SNA
4	0202-001366	CIS	SOLDER-WIRE FLUX	-,RS60S,D1.2,63Sn/37Pb,-	SNA
4	0204-002420	CIS	SOLVENT	1M-1000,C3H7OH,96,-,-	SNA
4	0204-002426	CIS	FLUX	DF-201TVS,MIX,0.820,FLUX13%,14KG,-	SNA
4	2401-003872	CM818	C-AL	2200UF,20%,25V,LZ,TP,18X20MM,7.5	SA
4	2401-003875	CM819	C-AL	2200UF,20%,16V,LZ,TP,16X20MM,7.5	SA
4	2401-003875	CM820	C-AL	2200UF,20%,16V,LZ,TP,16X20MM,7.5	SA
4	2409-001044	CM829	C-ORGANIC	100UF,+20%,16V,WT,TP,8X10.5,5	SA
4	3711-000024	CNB811	CONNECTOR-HEADER	BOX,3P,1R,2.5mm,STRAIGHT,SN	SA
4	3711-004122	CNI801	CONNECTOR-HEADER	BOX,14P,1R,2mm,STRAIGHT,SN	SA
4	3711-004352	CNI802	CONNECTOR-HEADER	BOX,15P,1R,2MM,STRAIGHT,SN	SA
4	3711-004236	CNI803	CONNECTOR-HEADER	BOX,6P,1R,2MM,STRAIGHT,SN	SA
4	3711-004122	CNM801	CONNECTOR-HEADER	BOX,14P,1R,2mm,STRAIGHT,SN	SA
4	2401-003092	CP823	C-AL	330uF,20%,450V,GP,BK,35X40,10m	SA
4	2401-003092	CP824	C-AL	330uF,20%,450V,GP,BK,35X40,10m	SA
4	2306-000321	CP825	C-FILM,LEAD-PPF	470NF,20%,275V,BK,31X11X21MM,27.5	SA
4	2401-003872	CS816	C-AL	2200UF,20%,25V,LZ,TP,18X20MM,7.5	SA
4	2401-003872	CS817	C-AL	2200UF,20%,25V,LZ,TP,18X20MM,7.5	SA
4	2401-003872	CS818	C-AL	2200UF,20%,25V,LZ,TP,18X20MM,7.5	SA
4	2306-000318	CX811S	C-FILM,LEAD-PPF	220NF,20%,250V,BK,-,22.5	SA
4	2306-000318	CX812S	C-FILM,LEAD-PPF	220NF,20%,250V,BK,-,22.5	SA
4	2201-000963	CY802S	C-CERAMIC,DISC	1NF,20%,400V,Y5U,TP,9.5X6MM,10	SA
4	2201-000963	CY803S	C-CERAMIC,DISC	1NF,20%,400V,Y5U,TP,9.5X6MM,10	SA
4	2201-000963	CY804S	C-CERAMIC,DISC	1NF,20%,400V,Y5U,TP,9.5X6MM,10	SA
4	2201-000987	CY814S	C-CERAMIC,DISC	2.2NF,20%,400V,Y5U,BK,12.5X6MM,10	SA
4	0402-000102	D811S	DIODE-BRIDGE	D2SB60,200V,1.5A,SIP-4,ST	SA
4	0402-000250	DM805	DIODE-RECTIFIER	RG4C,1KV,2A,-,-	SA
4	0402-000562	DP803	DIODE-RECTIFIER	UF5406,600V,3A,DO-201AD,BK	SA
4	0402-000250	DS805	DIODE-RECTIFIER	RG4C,1KV,2A,-,-	SA
4	3601-001165	FS811S	FUSE-CARTRIDGE	250V,8A,TIME-LAG,CERAMIC,5,2X20mm	SA
4	AA60-40014A	GT811	PIN-GT,ASSY	AUTO	SNA
4	1203-002828	IC802S	IC-PWM CONTROLLER	4981,DIP,20P,25.4X7.1MM,PLASTIC,0.3/8.5V,-40TO+125C,2A,4.97/5.23V,ST	SA
4	1203-002177	IC811S	IC-PWM CONTROLLER	VIPER12ADIP,DIP,8P,300MIL,PLASTIC,730V,15W,-40to+150C,0.36A,-,ST	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
4	1404-001195	NT801S	THERMISTOR-NTC	5.1ohm,15%,2900,27mW/C,BK	SA
4	1404-001195	NT802S	THERMISTOR-NTC	5.1ohm,15%,2900,27mW/C,BK	SA
4	1404-001045	NT811S	THERMISTOR-NTC	4.7ohm,15%,2900K,35.0mW,TP	SA
4	0604-001038	PC801S	PHOTO-COUPLER	TR,130-260%,200mW,DIP-4,ST	SA
4	0604-001038	PC802S	PHOTO-COUPLER	TR,130-260%,200mW,DIP-4,ST	SA
4	0604-001038	PC803S	PHOTO-COUPLER	TR,130-260%,200mW,DIP-4,ST	SA
4	0604-001038	PC804S	PHOTO-COUPLER	TR,130-260%,200mW,DIP-4,ST	SA
4	0604-001038	PC811S	PHOTO-COUPLER	TR,130-260%,200mW,DIP-4,ST	SA
4	3711-002855	PD811S	CONNECTOR-HEADER	BOX,2P,1R,7.92mm,STRAIGHT,SN	SA
4	3501-001263	RL811S	RELAY-POWER	5V,530mW,10000mA,1FormA,7mS,2mS	SA
4	3501-001263	RL812S	RELAY-POWER	5V,530mW,10000mA,1FormA,7mS,2mS	SA
4	2009-001146	RP803	R-METAL PLATE	0.05ohm,10%,5W,CL,TP,15x18.5mm	SA
4	2009-001146	RP805	R-METAL PLATE	0.05ohm,10%,5W,CL,TP,15x18.5mm	SA
4	2009-001012	RS807	R-METAL PLATE	0.27OHM,10%,5W,CL,TP,5X14X18MM	SA
4	BN96-00324A	IC803S	ASSY BOARD P	PDB20049A M,CONTROLLER ASS'Y	SA
4	BN97-00208N	-	ASSY AUTO-SUB PCB	GA46KO	SNA
5	2201-000014	CB807	C-CERAMIC,DISC	0.33NF,10%,1KV,Y5P,TP,6.3X5MM,5	SA
5	2201-000556	CB809	C-CERAMIC,DISC	0.47NF,10%,500V,Y5P,TP,5.5X3MM,5	SA
5	2201-000556	CB810	C-CERAMIC,DISC	0.47NF,10%,500V,Y5P,TP,5.5X3MM,5	SA
5	2201-000315	CB811	C-CERAMIC,DISC	2.2NF,+80-20%,250V,Y5U,TP,10X6MM,7.5	SA
5	2201-000315	CB812	C-CERAMIC,DISC	2.2NF,+80-20%,250V,Y5U,TP,10X6MM,7.5	SA
5	2401-000957	CB813	C-AL	22UF,20%,450V,GP,BK,16X25MM,7.5	SA
5	2301-000356	CB814	C-FILM,LEAD-PEF	47nF,5%,50V,TP,7.5x4.0x6.5,5mm	SA
5	2401-000493	CB815	C-AL	10uF,20%,50V,LT,TP,5x11mm,5mm	SA
5	2401-002300	CB816	C-AL	47uF,20%,50V,GP,TP,6.3x11,5	SA
5	2401-003473	CB817	C-AL	680UF,20%,16V,GP,TP,10X12.5MM,5	SA
5	2306-000122	CB819	C-FILM,LEAD-PPF	100nF,5%,50V,TP,7.3x4.0x5.0mm,	SA
5	2301-001396	CI801	C-FILM,LEAD-PEF	100nF,10%,630V,TP,18x6.5x13mm,7.5	SA
5	2305-000289	CI802	C-FILM,LEAD-PEF	220nF,5%,63V,TP,-,5mm	SA
5	2305-000289	CI803	C-FILM,LEAD-PEF	220nF,5%,63V,TP,-,5mm	SA
5	2305-000289	CI804	C-FILM,LEAD-PEF	220nF,5%,63V,TP,-,5mm	SA
5	2201-000132	CI805	C-CERAMIC,DISC	0.1NF,10%,500V,Y5P,TP,6.5X3MM,5	SA
5	2201-000132	CI806	C-CERAMIC,DISC	0.1NF,10%,500V,Y5P,TP,6.5X3MM,5	SA
5	2301-001396	CI807	C-FILM,LEAD-PEF	100nF,10%,630V,TP,18x6.5x13mm,7.5	SA
5	2201-000930	CI808	C-CERAMIC,DISC	0.22NF,10%,500V,Y5P,TP,5.5X3MM,5	SA
5	2201-000132	CI809	C-CERAMIC,DISC	0.1NF,10%,500V,Y5P,TP,6.5X3MM,5	SA
5	2301-001395	CI810	C-FILM,LEAD-PPF	30nF,5%,630V,TP,20x15.5x10.5,7.5	SA
5	2401-003028	CI812	C-AL	100uF,20%,25V,WT,TP,6.3x11,5	SA
5	2305-000665	CI813	C-FILM,LEAD-PEF	100nF,5%,63V,TP,7.5x4.0x5.0mm,	SA
5	2305-000411	CI815	C-FILM,LEAD-PEF	470nF,5%,50V,TP,7.3x4.8x5.5mm,	SA
5	2401-000569	CI818	C-AL	1uF,20%,250V,GP,TP,6.3x11,5	SA
5	2305-000704	CI819	C-FILM,LEAD-PEF	100nF,5%,250V,TP,16.5x10.3x5.7	SA
5	2305-000704	CI820	C-FILM,LEAD-PEF	100nF,5%,250V,TP,16.5x10.3x5.7	SA
5	2305-000704	CI823	C-FILM,LEAD-PEF	100nF,5%,250V,TP,16.5x10.3x5.7	SA
5	2401-003139	CI824	C-AL	1000uF,20%,25V,WT,TP,10*20,5mm	SA
5	2305-000665	CI825	C-FILM,LEAD-PEF	100nF,5%,63V,TP,7.5x4.0x5.0mm,	SA
5	2305-000665	CI826	C-FILM,LEAD-PEF	100nF,5%,63V,TP,7.5x4.0x5.0mm,	SA
5	2401-000480	CM801	C-AL	10uF,20%,50V,GP,TP,5x11,5	SA
5	2401-000962	CM802	C-AL	22uF,20%,50V,GP,TP,5x11,5	SA
5	2301-000192	CM803	C-FILM,LEAD-PEF	1nF,5%,50V,TP,5.3x10mm,5mm	SA
5	2301-000445	CM804	C-FILM,LEAD-PEF	4.7nF,5%,50V,TP,5.5x7x3mm,5mm	SA
5	2401-000480	CM805	C-AL	10uF,20%,50V,GP,TP,5x11,5	SA
5	2202-000263	CM806	C-CERAMIC,MLC-AXIAL	470pF,10%,50V,Y5P,TP,3.5x19,-	SA
5	2202-000263	CM807	C-CERAMIC,MLC-AXIAL	470pF,10%,50V,Y5P,TP,3.5x19,-	SA
5	2301-000356	CM808	C-FILM,LEAD-PEF	47nF,5%,50V,TP,7.5x4.0x6.5,5mm	SA
5	2303-000122	CM809	C-FILM,LEAD-PEF	10nF,5%,630V,TP,19x12.5mm,7.5mm	SA
5	2201-000129	CM810	C-CERAMIC,DISC	0.1NF,10%,1KV,Y5P,TP,7X4MM,5	SA
5	2201-000129	CM811	C-CERAMIC,DISC	0.1NF,10%,1KV,Y5P,TP,7X4MM,5	SA
5	2306-000122	CM812	C-FILM,LEAD-PPF	100nF,5%,50V,TP,7.3x4.0x5.0mm,	SA
5	2401-001192	CM813	C-AL	33uF,20%,50V,GP,TP,6.3x11,5	SA
5	2201-000556	CM814	C-CERAMIC,DISC	0.47NF,10%,500V,Y5P,TP,5.5X3MM,5	SA
5	2201-000556	CM815	C-CERAMIC,DISC	0.47NF,10%,500V,Y5P,TP,5.5X3MM,5	SA
5	2201-000556	CM816	C-CERAMIC,DISC	0.47NF,10%,500V,Y5P,TP,5.5X3MM,5	SA
5	2201-000556	CM817	C-CERAMIC,DISC	0.47NF,10%,500V,Y5P,TP,5.5X3MM,5	SA
5	2401-003141	CM822	C-AL	2200uF,20%,25V,WT,TP,13x25,5mm	SA
5	2401-003141	CM823	C-AL	2200uF,20%,25V,WT,TP,13x25,5mm	SA
5	2301-000224	CM824	C-FILM,LEAD-PEF	22nF,5%,50V,TP,7.4x3.9x13mm,5mm	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2201-000375	CM825	C-CERAMIC,DISC	0.22NF,5%,50V,RH,TP,12.5X3.5MM,5	SA
5	2306-000122	CM826	C-FILM,LEAD-PPF	100nF,5%,50V,TP,7.3x4.0x5.0mm,	SA
5	2306-000122	CM827	C-FILM,LEAD-PPF	100nF,5%,50V,TP,7.3x4.0x5.0mm,	SA
5	2305-000289	CM828	C-FILM,LEAD-PEF	220nF,5%,63V,TP,-,5mm	SA
5	2401-003141	CM830	C-AL	2200uF,20%,25V,WT,TP,13x25.5mm	SA
5	2201-000315	CP801	C-CERAMIC,DISC	2.2NF,+80-20%,250V,Y5U,TP,10X6MM,7.5	SA
5	2201-000315	CP802	C-CERAMIC,DISC	2.2NF,+80-20%,250V,Y5U,TP,10X6MM,7.5	SA
5	2201-000315	CP803	C-CERAMIC,DISC	2.2NF,+80-20%,250V,Y5U,TP,10X6MM,7.5	SA
5	2303-000331	CP804	C-FILM,LEAD-PPF	4.7nF,5%,630V,TP,19.5x12x7.7.5	SA
5	2201-000315	CP805	C-CERAMIC,DISC	2.2NF,+80-20%,250V,Y5U,TP,10X6MM,7.5	SA
5	2303-000122	CP806	C-FILM,LEAD-PEF	10nF,5%,630V,TP,19x12.5mm,7.5m	SA
5	2401-000603	CP808	C-AL	1uF,20%,50V,GP,TP,5X11,2	SA
5	2401-002300	CP809	C-AL	47uF,20%,50V,GP,TP,6.3x11,5	SA
5	2305-000285	CP810	C-FILM,LEAD-PEF	220NF,5%,100V,TP,10.5X5.5X15MM,5	SA
5	2305-000289	CP811	C-FILM,LEAD-PEF	220nF,5%,63V,TP,-,5mm	SA
5	2201-000375	CP812	C-CERAMIC,DISC	0.22NF,5%,50V,RH,TP,12.5X3.5MM,5	SA
5	2401-002619	CP814	C-AL	47uF,20%,25V,GP,TP,5x11,5	SA
5	2305-000411	CP815	C-FILM,LEAD-PEF	470nF,5%,50V,TP,7.3x4.8x5.5mm,	SA
5	2301-000192	CP816	C-FILM,LEAD-PEF	1nF,5%,50V,TP,5.3x10mm,5mm	SA
5	2201-000961	CP817	C-CERAMIC,DISC	0.01NF,0.5PF,50V,RH,TP,4X3.5MM,5	SA
5	2305-000665	CP818	C-FILM,LEAD-PEF	100nF,5%,63V,TP,7.5x4.0x5.0mm,	SA
5	2301-000342	CP819	C-FILM,LEAD-PEF	2.2nF,5%,50V,TP,7.4x3.9x13mm,5	SA
5	2401-000603	CP820	C-AL	1uF,20%,50V,GP,TP,5X11,2	SA
5	2401-000493	CP822	C-AL	10uF,20%,50V,LZ,TP,5x11mm,5mm	SA
5	2301-001396	CS802	C-FILM,LEAD-PEF	100nF,10%,630V,TP,18x6.5x13mm,7.5	SA
5	2401-000480	CS803	C-AL	10uF,20%,50V,GP,TP,5x11,5	SA
5	2401-000962	CS804	C-AL	22uF,20%,50V,GP,TP,5x11,5	SA
5	2301-000445	CS805	C-FILM,LEAD-PEF	4.7nF,5%,50V,TP,5.5x7x3mm,5mm	SA
5	2301-000192	CS806	C-FILM,LEAD-PEF	1nF,5%,50V,TP,5.3x10mm,5mm	SA
5	2401-000962	CS807	C-AL	22uF,20%,50V,GP,TP,5x11,5	SA
5	2202-000263	CS808	C-CERAMIC,MLC-AXIAL	470pF,10%,50V,Y5P,TP,3.5x19,-	SA
5	2202-000263	CS809	C-CERAMIC,MLC-AXIAL	470pF,10%,50V,Y5P,TP,3.5x19,-	SA
5	2301-000356	CS810	C-FILM,LEAD-PEF	47nF,5%,50V,TP,7.5x4.0x6.5.5mm	SA
5	2303-000122	CS811	C-FILM,LEAD-PEF	10nF,5%,630V,TP,19x12.5mm,7.5m	SA
5	2201-000012	CS812	C-CERAMIC,DISC	0.22NF,10%,1KV,Y5P,TP,6.3X5MM,5	SA
5	2201-000012	CS813	C-CERAMIC,DISC	0.22NF,10%,1KV,Y5P,TP,6.3X5MM,5	SA
5	2201-000556	CS814	C-CERAMIC,DISC	0.47NF,10%,500V,Y5P,TP,5.5X3MM,5	SA
5	2201-000556	CS815	C-CERAMIC,DISC	0.47NF,10%,500V,Y5P,TP,5.5X3MM,5	SA
5	2305-000411	CS819	C-FILM,LEAD-PEF	470nF,5%,50V,TP,7.3x4.8x5.5mm,	SA
5	2201-000375	CS820	C-CERAMIC,DISC	0.22NF,5%,50V,RH,TP,12.5X3.5MM,5	SA
5	2306-000122	CS821	C-FILM,LEAD-PPF	100nF,5%,50V,TP,7.3x4.0x5.0mm,	SA
5	2305-000289	CS822	C-FILM,LEAD-PEF	220nF,5%,63V,TP,-,5mm	SA
5	2201-002026	CY811S	C-CERAMIC,DISC	1NF,20%,400V,Y5P,TP,11X6MM,7.5	SA
5	2201-002026	CY812S	C-CERAMIC,DISC	1NF,20%,400V,Y5P,TP,11X6MM,7.5	SA
5	2201-002026	CY813S	C-CERAMIC,DISC	1NF,20%,400V,Y5P,TP,11X6MM,7.5	SA
5	0401-000006	DB812	DIODE-SWITCHING	BAV21,250V,200MA,DO-35,TP	SA
5	0402-000546	DB813	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	SA
5	0404-001056	DB814	DIODE-SCHOTTKY	RK16,60V,1500MA,DO-204AC,TP	SA
5	0402-000132	DB815	DIODE-RECTIFIER	1N4004,400V,1A,DO-41,TP	SA
5	0401-000005	DB816	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0402-000254	DB817	DIODE-RECTIFIER	RGPI0J,600V,1A,DO-41,TP	SA
5	0402-000132	DB818	DIODE-RECTIFIER	1N4004,400V,1A,DO-41,TP	SA
5	0402-000546	DI805	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	SA
5	0402-000546	DI806	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	SA
5	0401-000005	DI807	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0402-000546	DI808	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	SA
5	0401-000005	DI809	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	DI810	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0402-000132	DI811	DIODE-RECTIFIER	1N4004,400V,1A,DO-41,TP	SA
5	0402-000546	DI812	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	SA
5	0402-000546	DI813	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	SA
5	0402-000546	DM801	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	SA
5	0402-000222	DM802	DIODE-RECTIFIER	EU1Z,200V,0.25A,DO-41,TP	SA
5	0401-000006	DM803	DIODE-SWITCHING	BAV21,250V,200MA,DO-35,TP	SA
5	0401-000006	DM804	DIODE-SWITCHING	BAV21,250V,200MA,DO-35,TP	SA
5	0402-000546	DM806	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	SA
5	0401-000005	DP801	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0402-000540	DP802	DIODE-RECTIFIER	RU20A,600V,1.5A,-,TP	SA
5	0404-001207	DP804	DIODE-SCHOTTKY	SB140,40V,1000MA,DO-41,TP	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	0404-001207	DP805	DIODE-SCHOTTKY	SB140,40V,1000MA,DO-41,TP	SA
5	0402-000546	DP806	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	SA
5	0404-001207	DP809	DIODE-SCHOTTKY	SB140,40V,1000MA,DO-41,TP	SA
5	0402-000546	DS801	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	SA
5	0402-000222	DS802	DIODE-RECTIFIER	EU1Z,200V,0.25A,DO-41,TP	SA
5	0401-000006	DS803	DIODE-SWITCHING	BAV21,250V,200MA,DO-35,TP	SA
5	0401-000006	DS804	DIODE-SWITCHING	BAV21,250V,200MA,DO-35,TP	SA
5	3601-001064	FD801S	FUSE-AXIAL LEAD	125V,4A,FAST-ACTING, GLASS,2.4x7.5mm	SA
5	3601-001064	FD802S	FUSE-AXIAL LEAD	125V,4A,FAST-ACTING, GLASS,2.4x7.5mm	SA
5	3601-001064	FD803S	FUSE-AXIAL LEAD	125V,4A,FAST-ACTING, GLASS,2.4x7.5mm	SA
5	3601-001064	FD811S	FUSE-AXIAL LEAD	125V,4A,FAST-ACTING, GLASS,2.4x7.5mm	SA
5	3602-000114	FS811A	FUSE-HOLDER	-, -,30mohm	SA
5	3602-000114	FS811B	FUSE-HOLDER	-, -,30mohm	SA
5	2901-000299	LB812	FILTER-EMI ON BOARD	-.6A,UL/CSA,-,9x7.5,TP,-	SA
5	3301-001223	LM801	BEAD-AXIAL	62ohm,3.5x0.8x5mm,,TP,,,	SA
5	3301-000374	LP807	BEAD-AXIAL	,3.5x1.0x9.0mm,3000mA,TP,,50000ohm	SA
5	3301-000374	LP808	BEAD-AXIAL	,3.5x1.0x9.0mm,3000mA,TP,,50000ohm	SA
5	3301-000374	LP809	BEAD-AXIAL	,3.5x1.0x9.0mm,3000mA,TP,,50000ohm	SA
5	3301-000374	LP810	BEAD-AXIAL	,3.5x1.0x9.0mm,3000mA,TP,,50000ohm	SA
5	3301-001223	LS801	BEAD-AXIAL	62ohm,3.5x0.8x5mm,,TP,,,	SA
5	BN41-00385A	MP1.0	PCB MAIN	GAIA,FR4,2,A,1.6T,330*245,1	SNA
5	0501-000010	QB13	TR-SMALL SIGNAL	KSC1008,NPN,800mW,TO-92,TP,120-240	SA
5	0501-000369	QB811	TR-SMALL SIGNAL	KSC2331-Y,NPN,1000mW,TO-92L,TP,120-240	SA
5	0501-000389	QB812	TR-SMALL SIGNAL	KSC815,NPN,400mW,TO-92,TP,120-240	SA
5	0501-000369	QB814	TR-SMALL SIGNAL	KSC2331-Y,NPN,1000mW,TO-92L,TP,120-240	SA
5	0501-000389	QB815	TR-SMALL SIGNAL	KSC815,NPN,400mW,TO-92,TP,120-240	SA
5	0501-000389	QB816	TR-SMALL SIGNAL	KSC815,NPN,400mW,TO-92,TP,120-240	SA
5	0501-000389	QI801	TR-SMALL SIGNAL	KSC815,NPN,400mW,TO-92,TP,120-240	SA
5	0501-000283	QI802	TR-SMALL SIGNAL	KSA539,PNP,400mW,TO-92,TP,120-240	SA
5	0501-000389	QI804	TR-SMALL SIGNAL	KSC815,NPN,400mW,TO-92,TP,120-240	SA
5	0501-000283	QI805	TR-SMALL SIGNAL	KSA539,PNP,400mW,TO-92,TP,120-240	SA
5	0501-000369	QI807	TR-SMALL SIGNAL	KSC2331-Y,NPN,1000mW,TO-92L,TP,120-240	SA
5	0501-000366	QI809	TR-SMALL SIGNAL	KSC2330-Y,NPN,1W,TO-92L,-,70-1	SA
5	0501-000366	QI810	TR-SMALL SIGNAL	KSC2330-Y,NPN,1W,TO-92L,-,70-1	SA
5	0501-000138	QI811	TR-SMALL SIGNAL	2N5401,PNP,625mW,TO-92,TP,60-240	SA
5	0501-000389	QM801	TR-SMALL SIGNAL	KSC815,NPN,400mW,TO-92,TP,120-240	SA
5	0501-000389	QM813	TR-SMALL SIGNAL	KSC815,NPN,400mW,TO-92,TP,120-240	SA
5	0501-000389	QP801	TR-SMALL SIGNAL	KSC815,NPN,400mW,TO-92,TP,120-240	SA
5	0501-000369	QP802	TR-SMALL SIGNAL	KSC2331-Y,NPN,1000mW,TO-92L,TP,120-240	SA
5	0502-001262	QP803	TR-POWER	2SA2073,PNP,1000mW,-,TP,120-270	SA
5	0502-001261	QP804	TR-POWER	2SC5826,NPN,1000mW,-,TP,120-270	SA
5	2001-000085	RB20	R-CARBON(S)	100KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2003-002239	RB811	R-METAL OXIDE(S)	100KOHM,5%,2W,AF,TP,3.9X10MM	SA
5	2008-000205	RB812	R-FUSIBLE(S)	10ohm,5%,1/2W,AF,TP,2.5x6.5mm	SA
5	2008-000206	RB813	R-FUSIBLE(S)	1ohm,5%,1/2W,AF,TP,2.5x6.5mm	SA
5	2001-001072	RB814	R-CARBON(S)	120HM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000429	RB815	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000591	RB816	R-CARBON	3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000591	RB817	R-CARBON	3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000019	RB819	R-CARBON(S)	100HM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001072	RB820	R-CARBON(S)	120HM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001117	RB821	R-CARBON(S)	2KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000660	RB822	R-CARBON	33KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000066	RB823	R-CARBON(S)	10KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000066	RB824	R-CARBON(S)	10KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000066	RB825	R-CARBON(S)	10KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000052	RB826	R-CARBON(S)	3.3KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001096	RI801	R-CARBON(S)	2.2OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001146	RI802	R-CARBON(S)	4.7OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001120	RI803	R-CARBON(S)	3.3OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000085	RI804	R-CARBON(S)	100KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001096	RI805	R-CARBON(S)	2.2OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2003-001091	RI806	R-METAL OXIDE(S)	10ohm,5%,2W,AF,TP,4x12mm	SA
5	2001-000019	RI807	R-CARBON(S)	100HM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000020	RI808	R-CARBON(S)	22OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001105	RI809	R-CARBON(S)	200HM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000085	RI810	R-CARBON(S)	100KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001152	RI812	R-CARBON(S)	47KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001136	RI816	R-CARBON(S)	360HM,5%,1/2W,AA,TP,2.4X6.4MM	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2001-001099	RI818	R-CARBON(S)	2.7KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000109	RI820	R-CARBON(S)	4700HM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2003-002007	RI821	R-METAL OXIDE(S)	4.7Kohm,5%,2W,AF,TP,3.9x10mm	SA
5	2003-002007	RI822	R-METAL OXIDE(S)	4.7Kohm,5%,2W,AF,TP,3.9x10mm	SA
5	2001-000109	RI823	R-CARBON(S)	4700HM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001088	RI824	R-CARBON(S)	1KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000066	RI825	R-CARBON(S)	10KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2004-001099	RI826	R-METAL	56Kohm,1%,1/4W,AA,TP,2.4x6.4mm	SA
5	2004-001099	RI827	R-METAL	56Kohm,1%,1/4W,AA,TP,2.4x6.4mm	SA
5	2003-001090	RI828	R-METAL OXIDE(S)	10Kohm,5%,2W,AF,TP,4x12mm	SA
5	2004-001406	RI829	R-METAL(S)	8.2Kohm,1%,1/2W,AA,TP,2.4x6.4m	SA
5	2001-001108	RI830	R-CARBON(S)	22KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000109	RI831	R-CARBON(S)	4700HM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2003-001090	RI832	R-METAL OXIDE(S)	10Kohm,5%,2W,AF,TP,4x12mm	SA
5	2001-000016	RI833	R-CARBON(S)	10HM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2009-000026	RI834	R-METAL PLATE	0.150HM,10%,5W,CL,TP,5X14X18MM	SA
5	2001-000052	RI835	R-CARBON(S)	3.3KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001152	RI836	R-CARBON(S)	47KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001078	RI837	R-CARBON(S)	15KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001078	RI838	R-CARBON(S)	15KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2004-002016	RI839	R-METAL(S)	15Kohm,1%,1/2W,AA,TP,2.5x6.5mm	SA
5	2001-001142	RI840	R-CARBON(S)	3KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001194	RM801	R-CARBON(S)	82KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001194	RM802	R-CARBON(S)	82KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001194	RM803	R-CARBON(S)	82KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001103	RM804	R-CARBON(S)	20KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001117	RM805	R-CARBON(S)	2KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001129	RM806	R-CARBON(S)	330KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001131	RM807	R-CARBON(S)	33KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2009-000022	RM808	R-METAL PLATE	0.47ohm,10%,5W,CL,TP,5x14x18mm	SA
5	2001-000037	RM809	R-CARBON(S)	330OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001097	RM810	R-CARBON(S)	2.4KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001088	RM811	R-CARBON(S)	1KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2003-002186	RM812	R-METAL OXIDE(S)	22Kohm,5%,2W,AG,TP,3.9x12mm	SA
5	2003-002186	RM813	R-METAL OXIDE(S)	22Kohm,5%,2W,AG,TP,3.9x12mm	SA
5	2003-002186	RM814	R-METAL OXIDE(S)	22Kohm,5%,2W,AG,TP,3.9x12mm	SA
5	2001-001050	RM815	R-CARBON(S)	1.5KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001088	RM816	R-CARBON(S)	1KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001131	RM817	R-CARBON(S)	33KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001093	RM818	R-CARBON(S)	2.2KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001050	RM819	R-CARBON(S)	1.5KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2003-001023	RM820	R-METAL OXIDE(S)	120ohm,5%,2W,AF,TP,3.9x10mm	SA
5	2003-002071	RM821	R-METAL OXIDE	560ohm,5%,2W,AF,TP,3.9x10mm	SA
5	2008-000206	RM823	R-FUSIBLE(S)	1ohm,5%,1/2W,AF,TP,2.5x6.5mm	SA
5	2001-001194	RM824	R-CARBON(S)	82KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001088	RM827	R-CARBON(S)	1KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2003-001038	RP802	R-METAL OXIDE(S)	4.7ohm,5%,2W,AF,TP,3.9x10mm	SA
5	2001-001088	RP806	R-CARBON(S)	1KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001049	RP807	R-CARBON(S)	1.3KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001144	RP808	R-CARBON(S)	4.7KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000028	RP809	R-CARBON(S)	1000HM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001161	RP810	R-CARBON(S)	560KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001161	RP811	R-CARBON(S)	560KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001191	RP814	R-CARBON(S)	820KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001191	RP815	R-CARBON(S)	820KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001150	RP816	R-CARBON(S)	470KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001131	RP817	R-CARBON(S)	33KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000019	RP818	R-CARBON(S)	100HM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000019	RP819	R-CARBON(S)	100HM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001099	RP820	R-CARBON(S)	2.7KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000085	RP821	R-CARBON(S)	100KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000019	RP822	R-CARBON(S)	100HM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000019	RP823	R-CARBON(S)	100HM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2004-001099	RP824	R-METAL	56Kohm,1%,1/4W,AA,TP,2.4x6.4mm	SA
5	2001-001150	RP825	R-CARBON(S)	470KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001078	RP826	R-CARBON(S)	15KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001179	RP827	R-CARBON(S)	68KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000107	RP828	R-CARBON(S)	150KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001099	RP830	R-CARBON(S)	2.7KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2001-001146	RP831	R-CARBON(S)	4.70HM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001163	RP832	R-CARBON(S)	5600HM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001154	RP833	R-CARBON(S)	5.1KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2004-002018	RP834	R-METAL(S)	220Kohm,1%,1/2W,AA,TP,2.4x6.4m	SA
5	2004-002018	RP835	R-METAL(S)	220Kohm,1%,1/2W,AA,TP,2.4x6.4m	SA
5	2004-002018	RP836	R-METAL(S)	220Kohm,1%,1/2W,AA,TP,2.4x6.4m	SA
5	2004-001395	RP837	R-METAL(S)	330Kohm,2%,1/2W,AA,TP,2.4x6.4m	SA
5	2004-000643	RP838	R-METAL	270Kohm,1%,1/4W,AA,TP,2.4x6.4m	SA
5	2004-000643	RP839	R-METAL	270Kohm,1%,1/4W,AA,TP,2.4x6.4m	SA
5	2004-004015	RP840	R-METAL(S)	9.1Kohm,1%,1/2W,AA,TP,2.5x6.5m	SA
5	2004-000216	RP841	R-METAL	10Kohm,1%,1/4W,AA,TP,2.4x6.4mm	SA
5	2003-002239	RP843	R-METAL OXIDE(S)	100KOHM,5%,2W,AF,TP,3.9X10MM	SA
5	2003-002239	RP844	R-METAL OXIDE(S)	100KOHM,5%,2W,AF,TP,3.9X10MM	SA
5	2003-002239	RP845	R-METAL OXIDE(S)	100KOHM,5%,2W,AF,TP,3.9X10MM	SA
5	2008-001047	RP846	R-FUSIBLE(S)	68ohm,5%,2W,AF,TP,3.9x10mm	SA
5	2001-000019	RP847	R-CARBON(S)	100HM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2008-001047	RP848	R-FUSIBLE(S)	68ohm,5%,2W,AF,TP,3.9x10mm	SA
5	2008-000299	RP849	R-FUSIBLE(S)	47ohm,5%,2W,AF,TP,3.9x10mm	SA
5	2001-001194	RS801	R-CARBON(S)	82KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001194	RS802	R-CARBON(S)	82KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001194	RS803	R-CARBON(S)	82KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001103	RS804	R-CARBON(S)	20KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001117	RS805	R-CARBON(S)	2KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001129	RS806	R-CARBON(S)	330KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001131	RS808	R-CARBON(S)	33KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000037	RS809	R-CARBON(S)	330KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001097	RS810	R-CARBON(S)	2.4KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001088	RS811	R-CARBON(S)	1KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2003-002186	RS812	R-METAL OXIDE(S)	22Kohm,5%,2W,AG,TP,3.9x12mm	SA
5	2003-002186	RS813	R-METAL OXIDE(S)	22Kohm,5%,2W,AG,TP,3.9x12mm	SA
5	2003-002186	RS814	R-METAL OXIDE(S)	22Kohm,5%,2W,AG,TP,3.9x12mm	SA
5	2001-001050	RS815	R-CARBON(S)	1.5KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001088	RS816	R-CARBON(S)	1KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001131	RS817	R-CARBON(S)	33KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2004-001382	RS818	R-METAL(S)	13Kohm,1%,1/2W,AA,TP,2.4x6.4mm	SA
5	2004-001983	RS819	R-METAL(S)	2.49Kohm,1%,1/2W,AA,TP,2.4x6.4	SA
5	2003-002071	RS820	R-METAL OXIDE	560ohm,5%,2W,AF,TP,3.9x10mm	SA
5	2008-000206	RS821	R-FUSIBLE(S)	1ohm,5%,1/2W,AF,TP,2.5x6.5mm	SA
5	2001-001194	RS822	R-CARBON(S)	82KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2002-001010	RX811S	R-COMPOSITION	1.8Mohm,5%,1/2W,AA,TP,3.7x9mm	SA
5	2103-000670	VRM801	VR-SEMI	1Kohm,25%,1/5W,TOP	SA
5	1405-000187	VX811S	VARISTOR	750V,1250A,12.5x7mm,TP	SA
5	0403-001167	ZDB812	DIODE-ZENER	MTZJ30D,29.02-30.51V,500MW,DO-34,TP	SA
5	0403-001328	ZDB813	DIODE-ZENER	MTZJ22A,20.15-21.2V,500MW,DO-34,TP	SA
5	0406-001007	ZDB814	DIODE-TVS	P6KE180A,171/180/189V,600W,CAS	SA
5	0406-001106	ZDB815	DIODE-TVS	P6KE300A,285/-315V,600W,DO-204AC	SA
5	0406-001062	ZDB816	DIODE-TVS	P6KE200A,190/200/210V,600W,CAS	SA
5	0403-001328	ZDI801	DIODE-ZENER	MTZJ22A,20.15-21.2V,500MW,DO-34,TP	SA
5	0403-000718	ZDI803	DIODE-ZENER	MTZJ6.8B,6.52-6.79V,500MW,DO-34,10.4-11V	SA
5	0403-001330	ZDI804	DIODE-ZENER	MTZJ30A,26.99-28.39V,500MW,DO-34,TP	SA
5	0403-001330	ZDI805	DIODE-ZENER	MTZJ30A,26.99-28.39V,500MW,DO-34,TP	SA
5	0403-001330	ZDI806	DIODE-ZENER	MTZJ30A,26.99-28.39V,500MW,DO-34,TP	SA
5	0403-001330	ZDI807	DIODE-ZENER	MTZJ30A,26.99-28.39V,500MW,DO-34,TP	SA
5	0403-000510	ZDI808	DIODE-ZENER	MTZJ6.2B,5.96-6.27V,500MW,DO-34,TP	SA
5	0403-000348	ZDI809	DIODE-ZENER	UZ36B,33-39V,500MW,DO-35,TP	SA
5	0403-001327	ZDM801	DIODE-ZENER	MTZJ18A,16.22-17.06V,500MW,DO-34,TP	SA
5	0403-001328	ZDM802	DIODE-ZENER	MTZJ22A,20.15-21.2V,500MW,DO-34,TP	SA
5	0403-001211	ZDP801	DIODE-ZENER	MTZJ12B,11.8-12.3V,500MW,DO-34,TP	SA
5	0403-001318	ZDP802	DIODE-ZENER	MTZJ4.3B,4.17-4.43V,500MW,DO-34,TP	SA
5	0403-001325	ZDP803	DIODE-ZENER	MTZJ15C,14.42-15.02V,500MW,DO-34,TP	SA
5	0403-000510	ZDP804	DIODE-ZENER	MTZJ6.2B,5.96-6.27V,500MW,DO-34,TP	SA
5	0403-001327	ZDP805	DIODE-ZENER	MTZJ18A,16.22-17.06V,500MW,DO-34,TP	SA
5	0403-001327	ZDS801	DIODE-ZENER	MTZJ18A,16.22-17.06V,500MW,DO-34,TP	SA
5	0403-001328	ZDS802	DIODE-ZENER	MTZJ22A,20.15-21.2V,500MW,DO-34,TP	SA
5	1203-001217	ZDT801	IC-POSI.ADJUST REG.	431,TO-92,3P,4.58MIL,PLASTIC,2	SA
5	1203-001217	ZDT802	IC-POSI.ADJUST REG.	431,TO-92,3P,4.58MIL,PLASTIC,2	SA
4	BP96-00421A	IC805S	ASSY HEAT SINK P	BP62-00043C,SCREW,STR-W6853,FB20N50K,FB20N50K,OIL,RUBBER	SNA
5	1203-002827	CIS	IC-PWM CONTROLLER	STR-W6853,TO-220(FORMING),6P,16.9X10MM,PLASTIC,10.4/18.2V,1.5W;-20TO+125C,22A-,	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	6003-000333	CIS	SCREW-TAPTITE	RH,+,2S,M3,L10,ZPC(YEL),SWRCH1	SNA
5	BP62-00043C	CIS	HEAT SINK-ES	GAIA,A1050S,T3.5,37.0,70	SNA
4	BP96-00433A	IC801S	ASSY HEAT SINK P	BP62-00043B,SCREW,UGF15JT,SPW47N60C3,SPW47B60C3,OIL,RUBBER	SNA
5	0402-001590	CIS	DIODE-RECTIFIER	ISL9R1560P2,600V,15A,TO-220AC,ST	SA
5	1404-001252	CIS	THERMISTOR-PTC	850HM,25%,16V,30VAC,-,-,BK	SA
5	6003-000333	CIS	SCREW-TAPTITE	RH,+,2S,M3,L10,ZPC(YEL),SWRCH1	SNA
5	BN61-01056A	CIS	BRACKET-IC	SPD-50P4,SECC,T1.0	SNA
5	BP62-00043B	CIS	HEAT SINK-ES	GAIA,A1050S,T3.5,37.0,100	SNA

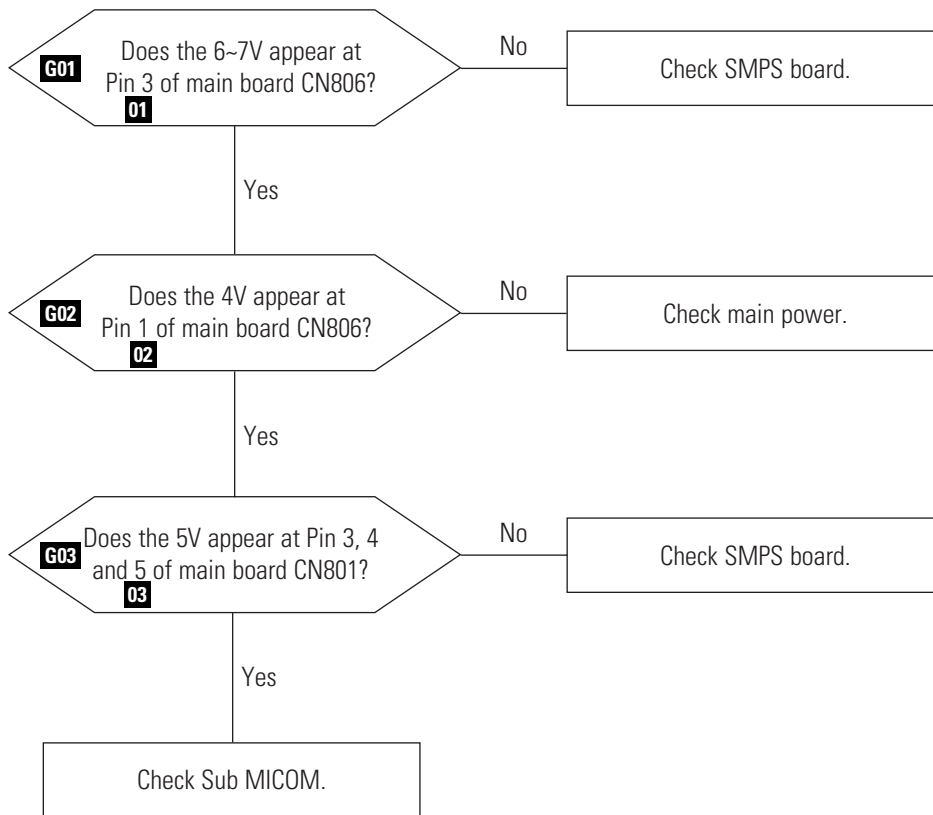
7-2 Others

Level	Loc. No.	Code No.	Description	Specification	Remarks
2	BN90-00565A	-	ASSY STAND	GA46KON	SNA
3	6002-001290	C/F+STD	SCREW-TAPPING	RH,+,2S,M4,L20,ZPC(BLK)	SNA
3	6003-001323	C/F+STD	SCREW-TAPTITE	BH,+,B,M4,L12,NI PLT,SWRCH18A,-	SNA
3	BN96-01265A	STD	ASSY STAND P-TOP	GAIA 2,ABS V0	SA
4	6001-000139	STD	SCREW-MACHINE	BH,+,M4,L10,ZPC(YEL),SWRCH18A,-,-	SNA
4	6003-001323	STD	SCREW-TAPTITE	BH,+,B,M4,L12,NI PLT,SWRCH18A,-	SNA
4	BN61-00931A	STD	STAND-BAR	DAVINCI42,AL DIECASTING,NAT	SNA
4	BN61-00980A	STD	STAND-BASE FRAME	GAIA46,AL DIECAST,NAT	SNA
4	BN61-00986A	STD	STAND-CABLE HOLDER	GAIA46,ABS V0,GR81	SNA
4	BN61-00997A	STD	GUIDE-BRACKET	GAIA46,SECC,T1.0	SNA
4	BN63-01119A	STD	COVER-STAND FRONT	GAIA46,ABS V0,GR81	SNA
4	BN63-01120A	STD	COVER-STAND REAR	GAIA46,ABS V0,GR81	SNA
4	BN96-01303A	STD	ASSY STAND P-BASE	GAIA 2,ABS V0	SA
5	6003-001239	STD_BASE	SCREW-TAPTITE	FH,+,B,M4,L10,ZPC(YEL),SWRCH18A	SA
5	BN61-00134A	STD_BASE	STAND-FOOT,A	APOLLO40,NEOPRENE ,T1.5	SNA
5	BN61-00135A	STD_BASE	STAND-FOOT,B	APOLLO40,NEOPRENE ,T1.5	SNA
5	BN61-01241A	STD_BASE	STAND-ACRYL	GAIA46,ACRYL,T2.5,NAT	SNA
5	BN61-01242A	STD_BASE	STAND-BASE,COVER	GAIA46,ABS HB,NAT	SNA
5	BN61-01244A	STD_BASE	BRACKET-BASE	GAIA46,SPC,T3.0	SNA
2	BN90-00659T	-	ASSY COVER FRONT	GA46U0	SNA
3	6003-001323	C/F+C/R	SCREW-TAPTITE	BH,+,B,M4,L12,NI PLT,SWRCH18A,-	SNA
3	6006-001095	C/F+SPK	SCREW-TAPTITE	WP,BH,+,M4,L12,ZPC(YEL),SWRCH18A	SNA
3	BN96-00958A	C/F	ASSY SPEAKER P	8ohm,2Way 5Speaker,Left,15W,Gaia	SNA
3	BN96-00959A	C/F	ASSY SPEAKER P	8ohm,2Way 5Speaker,Right,15W,Gaia	SNA
3	BN96-00977D	C/F	ASSY COVER P-FRONT	GA46U0,ABS V0	SA
2	BN90-00663J	-	ASSY COVER REAR	GA46U0	SNA
3	BN96-00978D	C/R	ASSY COVER P-REAR	GA46U0,HIPS V0	SA
2	BN91-00349N	-	ASSY LCD-E22	GA46KO	SNA
3	BN07-00157A	LCD	LCD-PANEL	LTA460H1-L01,Venus,8BIT,1083*627*53.5,16.7M,40,0.17675*0.53025,0-50.5V,PVA	SA
2	BN91-00807M	-	ASSY SHIELD	GA46U0	SNA
3	6003-001023	AV/PCB+C/AUD	SCREW-TAPTITE	PWH,+,B,M3,L10,ZPC(YEL),SWRCH18A,-	SNA
3	6003-001019	AV/PCB+C/F	SCREW-TAPTITE	RH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
3	6003-001019	B/BOT+C/F	SCREW-TAPTITE	RH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
3	6003-001019	B/TOP+C/F	SCREW-TAPTITE	RH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
3	6003-001019	BRKT/SIDE+C/F	SCREW-TAPTITE	RH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
3	6003-001010	BRKT+INLET	SCREW-TAPTITE	FH,+,B,M3,L6,ZPC(YEL),SWRCH18A	SNA
3	6001-000157	BRKT+PAN	SCREW-MACHINE	BH,+,M4,L8,ZPC(YEL),SM20C,-	SNA

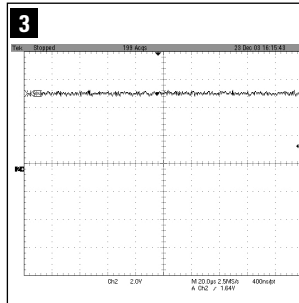
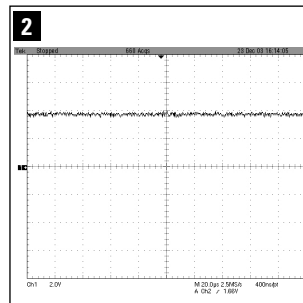
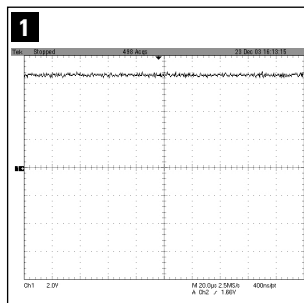
Level	Loc. No.	Code No.	Description	Specification	Remarks
3	6003-001019	C/BOT+BRKT	SCREW-TAPTITE	RH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
3	2901-001288	CIS	FILTER-EMI AC LINE	250V,6A,-,50x22.5x37.2mm,BK,-	SA
3	6046-001007	CIS	STAND OFF	M3,L5,NI PLT,SUM24L,#4-40	SNA
3	6502-000126	CIS	CABLE CLAMP	DATL-600,ID14.5,-,NTR,NYLON66	SA
3	6502-000135	CIS	CABLE CLAMP	DAWS-2NA,ID10,-,NTR,NYLON66	SC
3	6502-001095	CIS	CABLE CLAMP	DAQC-103-1,ID13.6,-,NYLON66,GRAY	SNA
3	BN39-00499A	CIS	LEAD CONNECTOR	GAIA,UL2464#26,UL/CSA,14P,170MM,#26,SMH200-14,PAP-14V-S,BK,2464#26,SJ03-01-627	SA
3	BN39-00501A	CIS	LEAD CONNECTOR	GAIA,UL2464#26,UL/CSA,3P,750MM,#26,SMH250-03,SMH250-03,BK,2464#26,SJ03-01-630	SA
3	BN39-00503A	CIS	LEAD CONNECTOR	GAIA,UL2835#28,UL/CSA,6(5)P,310MM,#28,SMH200-06,12507HS-06L,BK,2835#28,SJ03-01-6	SA
3	BN39-00504A	CIS	LEAD CONNECTOR	GAIA,UL2835#28,UL/CSA,14P,450MM,#28,YDH200-14,YDH200-14,BK,2835#28,SJ03-01-569,C	SA
3	BN39-00509A	CIS	LEAD CONNECTOR	GAIA,UL2835#28,UL/CSA,8P,260MM,#28,12507HS-08L,12507HS-08L,BK,2835#28,SJ03-01-63	SA
3	BN39-00510A	CIS	LEAD CONNECTOR	GAIA,UL20276 #3015PR,UL/CSA,30P,450MM,#30,FI-E30C,12507HS-30L,BK,SJ03-01-632	SA
3	BN39-00511A	CIS	LEAD CONNECTOR	GAIA,UL2464#26,UL/CSA,14P,400MM,#26,SMH200-14,SMH200-14,BK,2464#26,SJ03-01-628	SA
3	BN39-00512A	CIS	LEAD CONNECTOR	GAIA,UL2464#26,UL/CSA,15P,150MM,#26,SMH200-15,SMH200-15,BK,2464#26,SJ03-01-629	SA
3	BN39-00553A	CIS	LEAD CONNECTOR	GAIA,UL2835#28,UL/CSA,12P,1200MM,#28,12505HS-12,12507HS-12L,BK,2835#28,SJ04-01-1	SA
3	BN61-00988A	CIS	BRACKET-SIDE	GAIA46,SECC,T1.6	SNA
3	BN61-0093A	CIS	BRACKET-GUIDE MAIN-BOTTOM	GAIA46,SECC,T1.0	SNA
3	BN63-01122A	CIS	COVER-BOTTOM	GAIA46,ABS VO,GR81,SV-012P	SNA
3	6006-000245	G/WIRE+B/MIDDLE	SCREW-MACHINE	WSP,PH,+,M4,L8,ZPC(YEL),SWRCH1	SNA
3	6003-001023	K/FUN+K/GUIDE	SCREW-TAPTITE	PWH,+,B,M3,L10,ZPC(YEL),SWRCH18A,-	SNA
3	6003-001023	KNOB+C/F	SCREW-TAPTITE	PWH,+,B,M3,L10,ZPC(YEL),SWRCH18A,-	SNA
3	6006-001132	M/PCB+BRKT	SCREW-MACHINE	WSP,PH,+,M3,L8,NI PLT,SWRCH18A	SNA
3	6003-001019	MAIN/B_GUD+B/SIDE	SCREW-TAPTITE	RH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
3	6006-001132	POW/PCB+B/MID	SCREW-MACHINE	WSP,PH,+,M3,L8,NI PLT,SWRCH18A	SNA
3	6003-001019	SHIELD+BRKT	SCREW-TAPTITE	RH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
3	BN96-01093B	CIS	ASSY MISC P-BRKT,FRAME	46 GAIA,SECC,T1.6	SNA
3	BN96-01122B	CIS	ASSY MISC P-SHIELD COVER	GAIA46,JAPAN,SECC TO.5	SNA
4	AA63-00792A	CIS	GASKET	GAIA2,CONDUCTIVE FABRIC,2.5mm,35mm,50mm,GRAY,45K,Shield Form	SA
4	BN63-01114B	CIS	SHIELD-PCB	GAIA46,SECC,TO.5,JAPAN	SNA
4	BN63-01283A	CIS	GASKET	GA46K0,CONDUCTIVE FABRIC,5mm,13mm,335mm,GRAY,32k,71TSSK13-5-335-13	SNA
4	BN63-01284A	CIS	GASKET	GA46K0,CONDUCTIVE FABRIC,5mm,13mm,190mm,GRAY,32k,71TSSK13-5-190-13	SNA
4	BN63-01285A	CIS	GASKET	GA46K0,CONDUCTIVE FABRIC,5mm,10mm,55mm,GRAY,32k,71TSSK10-5-55-13	SNA
3	BN96-01314A	CIS	ASSY MISC P-FUNCTION	GAIA46,FUNCTION	SNA
3	BN96-01315C	CIS	ASSY MISC P-SIDE AV	GA46U0,SIDE-AV	SNA
2	BN91-00808B	-	ASSY CHASSIS	GY15VS	SA
2	BN92-00933A	-	ASSY P/MATERIAL	GA46K0,DOMESTIC	SNA
3	6902-000426	P/M	BAG PE	HDPE/NITRON,TO.015/TO.5,W1600,L1600,TRP,28,23-REMARK	SNA
3	AA61-20285A	P/M	HOLDER-BOX	3456,PP,-,,-,WHT,VO	SNA
3	AA69-02446Y	P/M	PALLET-SET	GAIA46,PAPER,1555,1065,120	SNA
3	AA69-02609A	P/M	BAND-PP	W18,CLEA,1G	SNA
3	BN69-00703A	P/M	CUSHION-SET	GAIA46,EPP	SNA
2	BN92-01044N	-	ASSY LABEL	GA46U0	SNA
3	AA68-00511C	LABEL	LABEL-00,TSXT	J57A,T/P,75,22,SRS	SNA
3	AA68-01070A	LABEL	LABEL-01,MODEL	-,A/P,-,30,20,-,,-,ALL MODEL,-	SNA
3	BN68-00412F	LABEL	LABEL-01,BARCODE	ALL MODEL,PE,TO.05,60*35,POLYESTER,NO SILK	SNA
3	BN68-00605C	LABEL	LABEL RATING-01	GA46U0,XAA,XAC,PC EMBO,TO.178,145*75,GRAY,USA,CANADA	SNA
2	BN92-01072P	-	ASSY ACCESSORY	GA46U0	SNA
3	BN96-01296X	UNIT/ACCESSORY	ASSY ACCESSORY	GA46U0	SA
4	3903-000085	ACCESSORY	CBF-POWER CORD	DT,US,8P3/YES,IEC C13/C14,125/125V,10/10A,BLK,1830MM,-,SVT AWG18X3,UL/CSA,-,	SA
4	4301-000103	ACCESSORY	BATTERY-ALKALINE	1.5V,750mAh,AAA,10.5x44.5mm,-	SA
4	6801-001011	ACCESSORY	CARD-WARRANTY	SEA/SECA,1	SNA
4	6902-000110	ACCESSORY	BAG PE	LDPE,TO.05,L356,W240,TRP,28,2,PE MARK	SNA
4	AA39-00039A	ACCESSORY	CABLE IF	-,C2680R-H,S,1P,-,3C-2V,BLK,F-CON,3000MM,-	SA
4	AA68-00371C	ACCESSORY	CARD WARRANTY-01	-,SEA,W/P100(G),1 YEAR	SNA
4	AA68-03242A	ACCESSORY	MANUAL-01,SAFETY GUIDE	NT/PAL ALL MODEL,E/F/S/I/G/SC/ST/J/P,R,B5	SNA
4	AA68-40065B	ACCESSORY	CARD-01,REGISTRATION	-,SEA,A5,ENG,A/P220,2P(SIDES),4	SNA
4	BN39-00518A	ACCESSORY	CBF SIGNAL-STEREO	NA32K0,1P,UL2464#26,1800mm,BLACK,STEREO,SJ03-09-206	SA
4	BN59-00435B	ACCESSORY	REMOCON	GAIA,TM77,47,SMV-3012,NT,EX	SNA
4	BN68-00665C	ACCESSORY	MANUAL USERS	LT46G15W,XAA,EN,N.America,MOJO100g,B5,00,GA46U0	SNA
4	BN68-00683C	ACCESSORY	MANUAL-QUICK GUIDE	LT46G15W,XAA,EN,N.America,MOJO100g,B5,00,GA46U0	SNA
4	BN68-00683D	ACCESSORY	MANUAL-ANYNET	LT46G15W,XAA,EN,N.America,MOJO100g,B5,00,GA46U0,ANYNET	SNA
4	BN69-00350A	ACCESSORY	BOX-00,ACCESSORY	AL29N0/AO,CB SW-1,YEL,KSD-21,60,300,230	SNA
2	BN92-01133D	-	ASSY BOX	GA46U0	SNA
3	AA68-50509A	BOX	LABEL-00,BOX	ALL MODEL,A/P 90(G),250,90	SNA
3	BN69-00710A	BOX	PACKING CASE-IN	GAIA46,D-4 AB,1521,497,285,YEL	SNA
3	BN69-00711C	BOX	PACKING CASE-00,OUT	GA46U0,D-4 AB,C3,YEL,AMERICA/ASIA	SNA

5 Troubleshooting

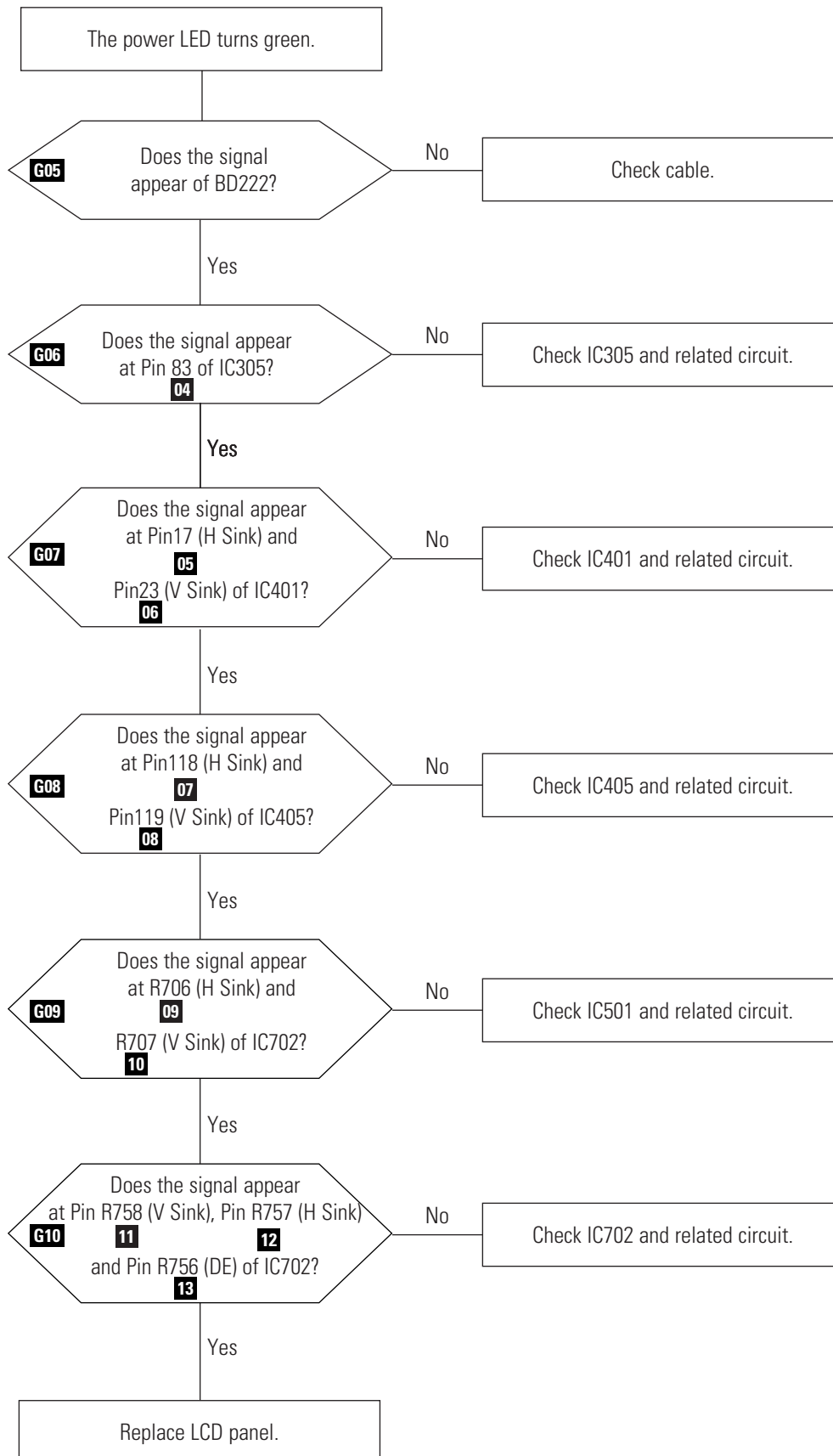
5-1 No Power



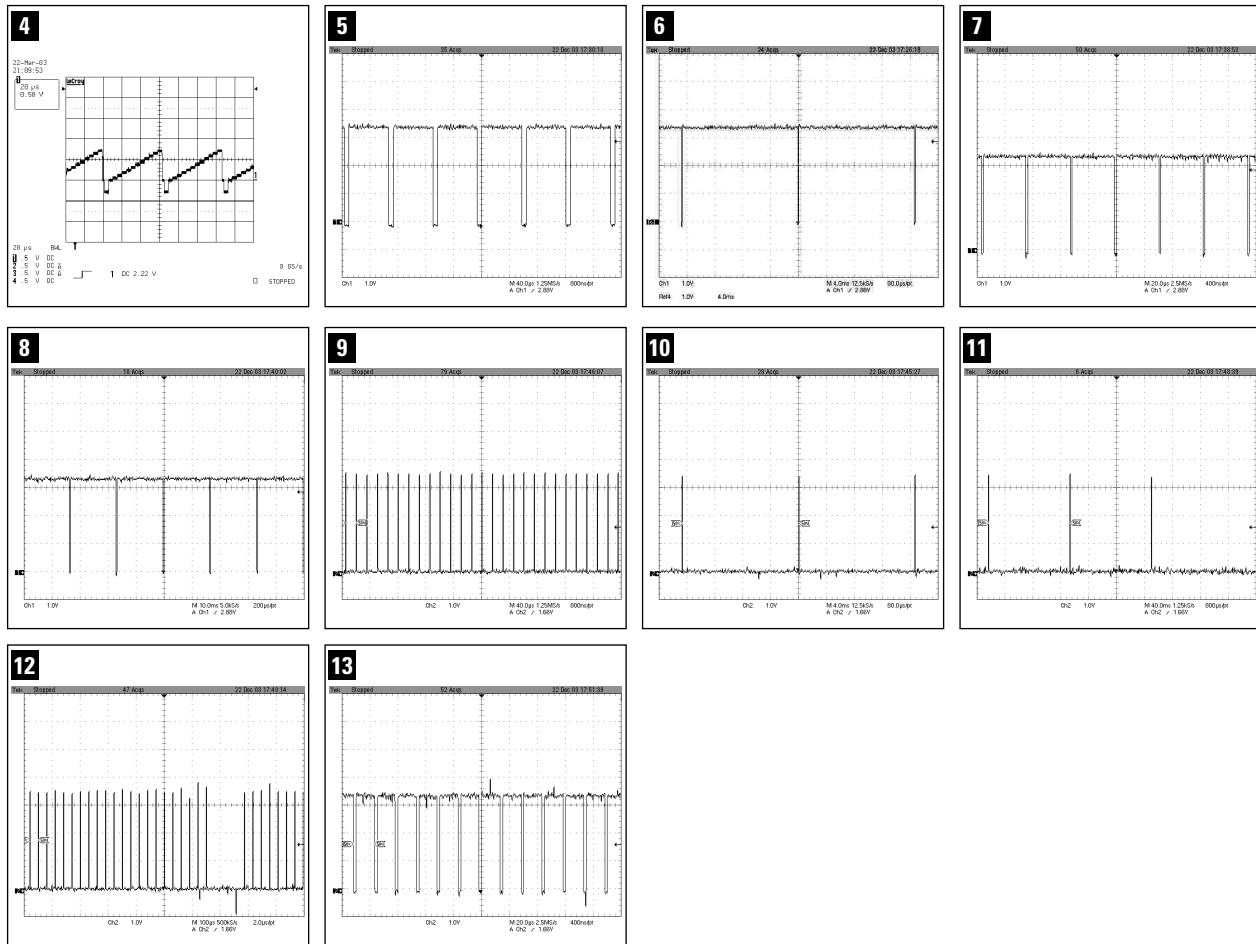
WAVEFORMS



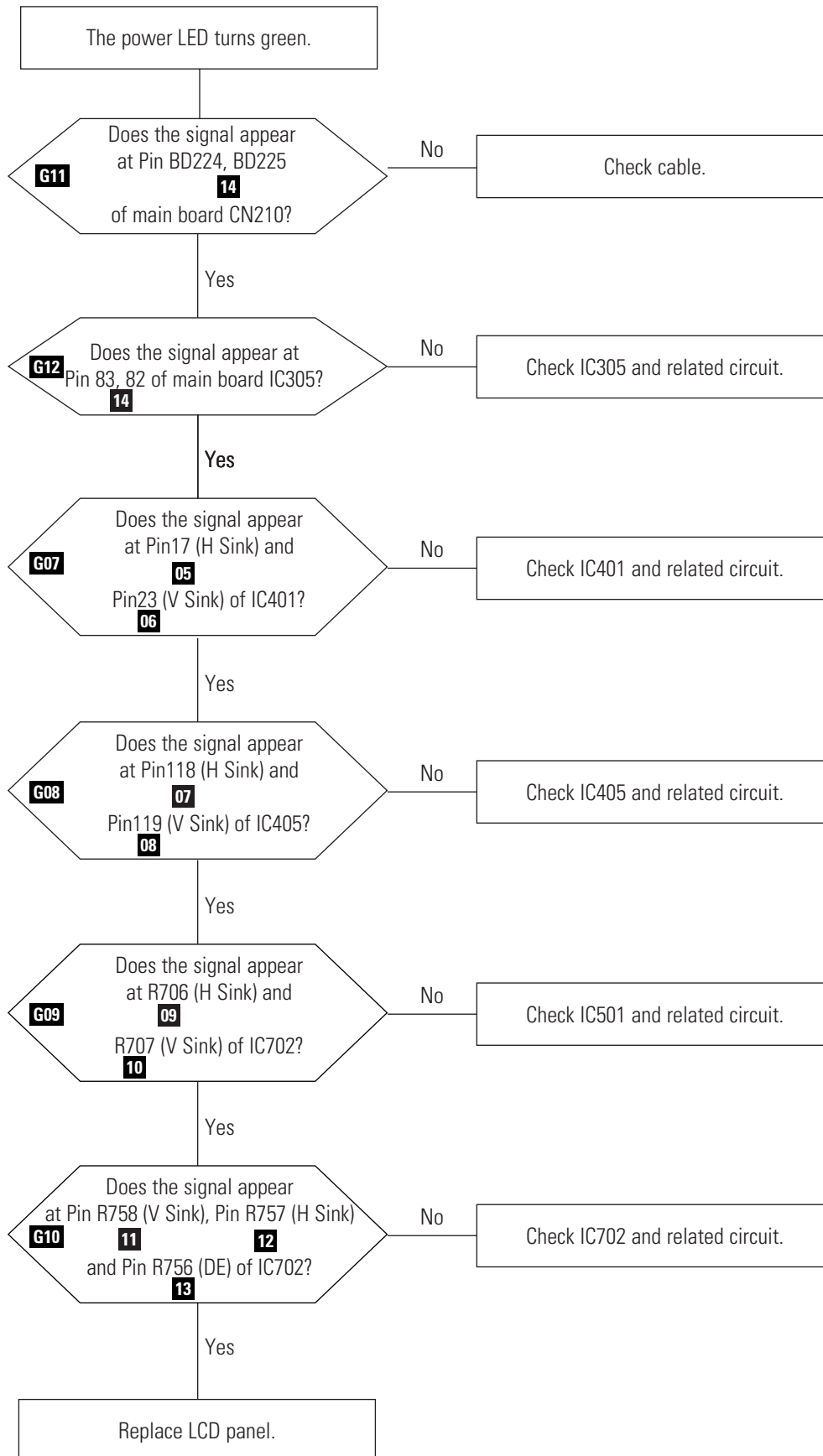
5-2 No Video (CVBS)



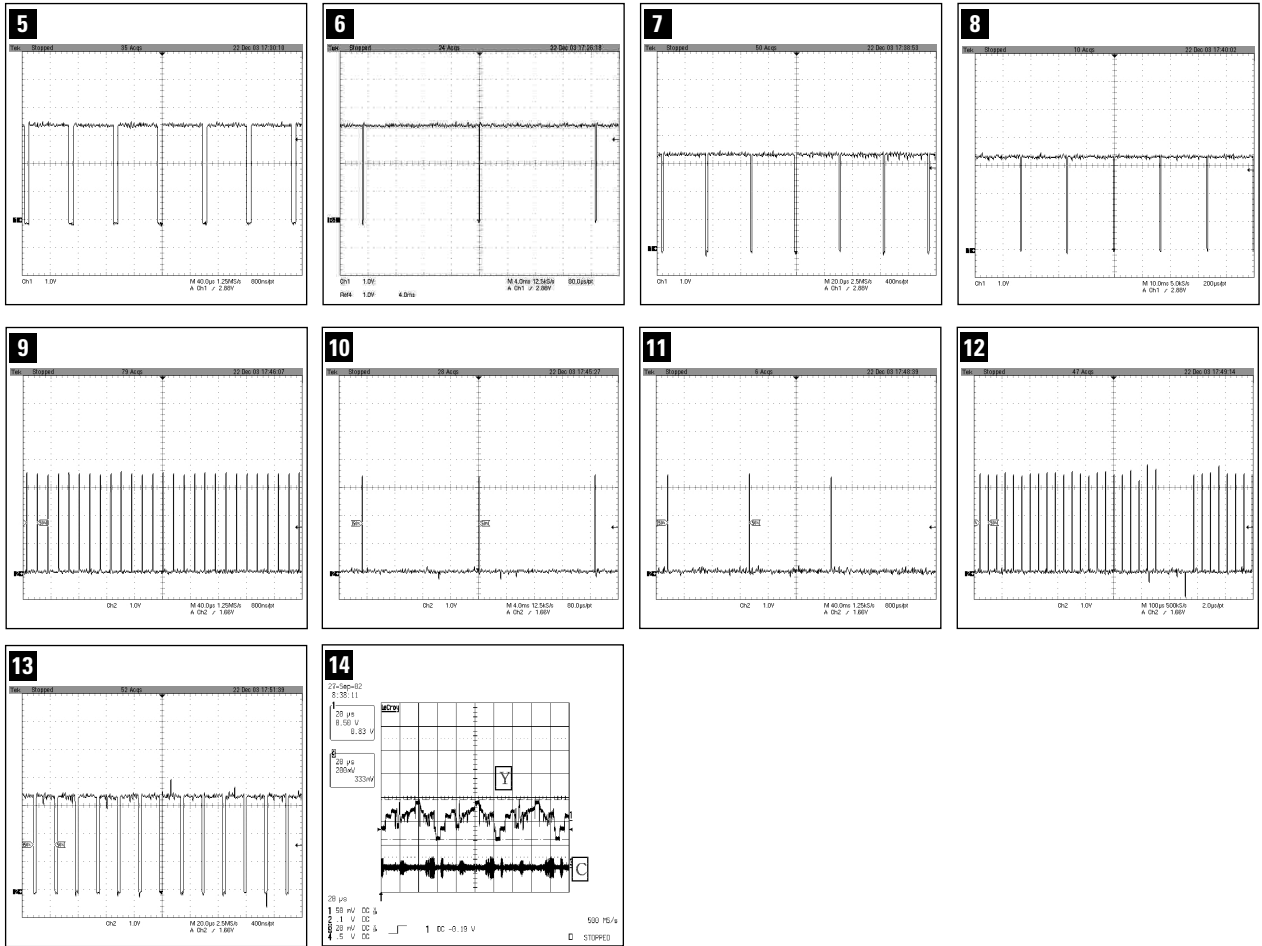
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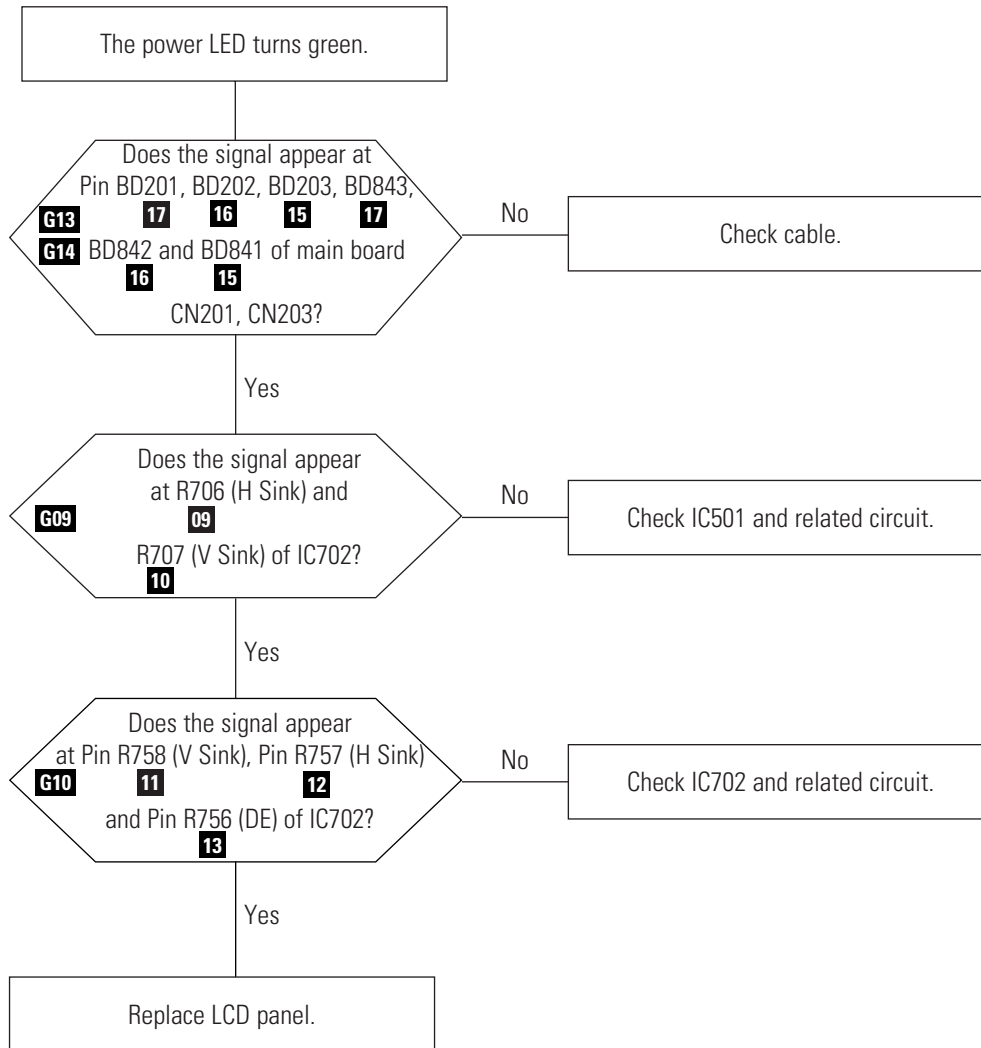
5-3 No Video (S-Video)



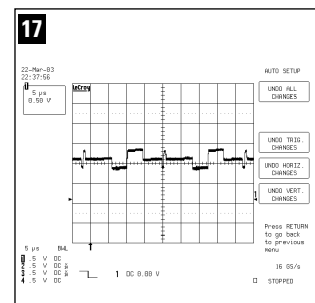
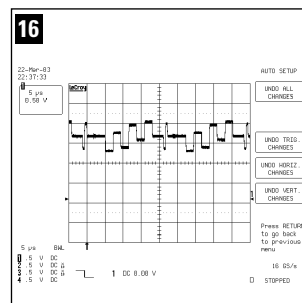
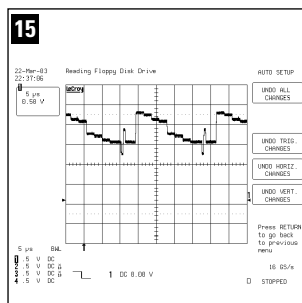
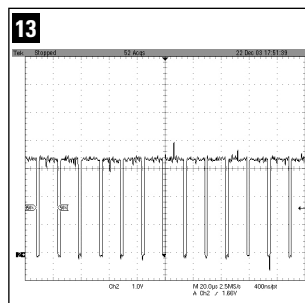
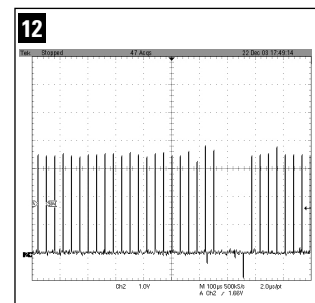
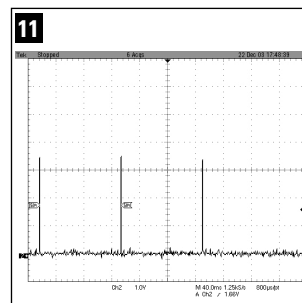
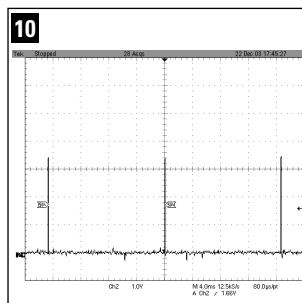
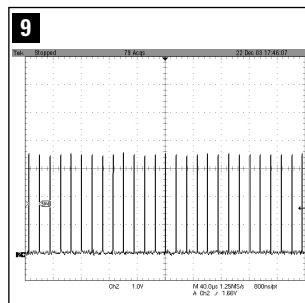
WAVEFORMS



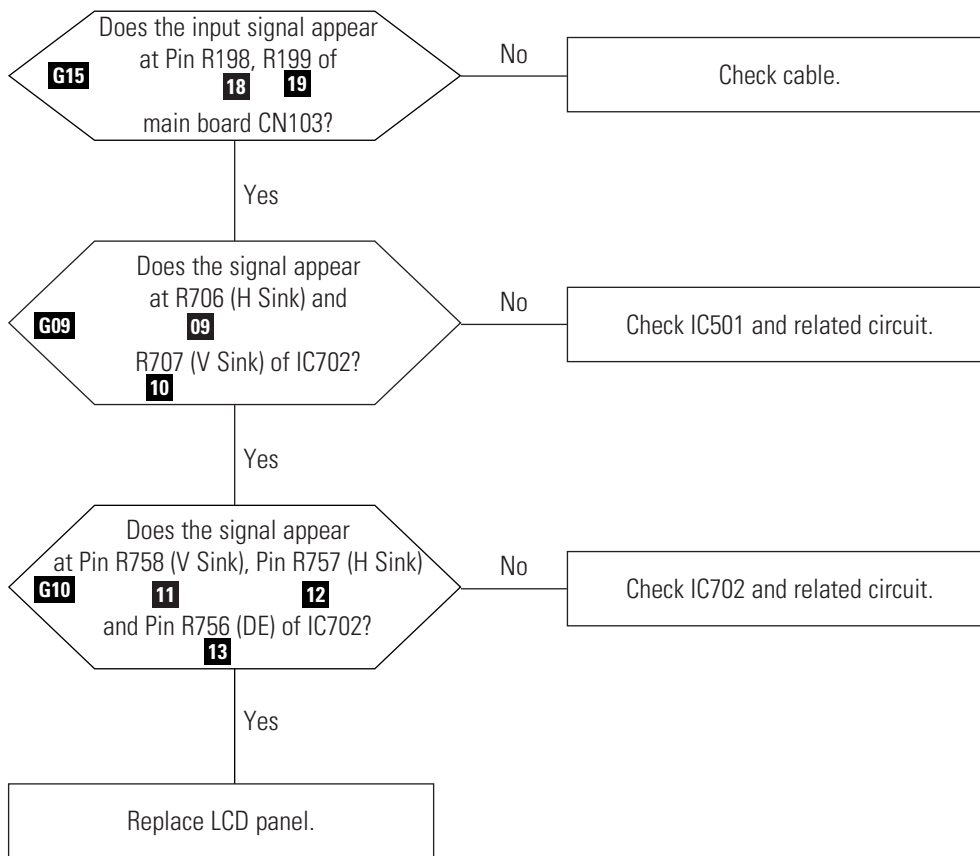
5-4 No Screen (Componet & Analog)



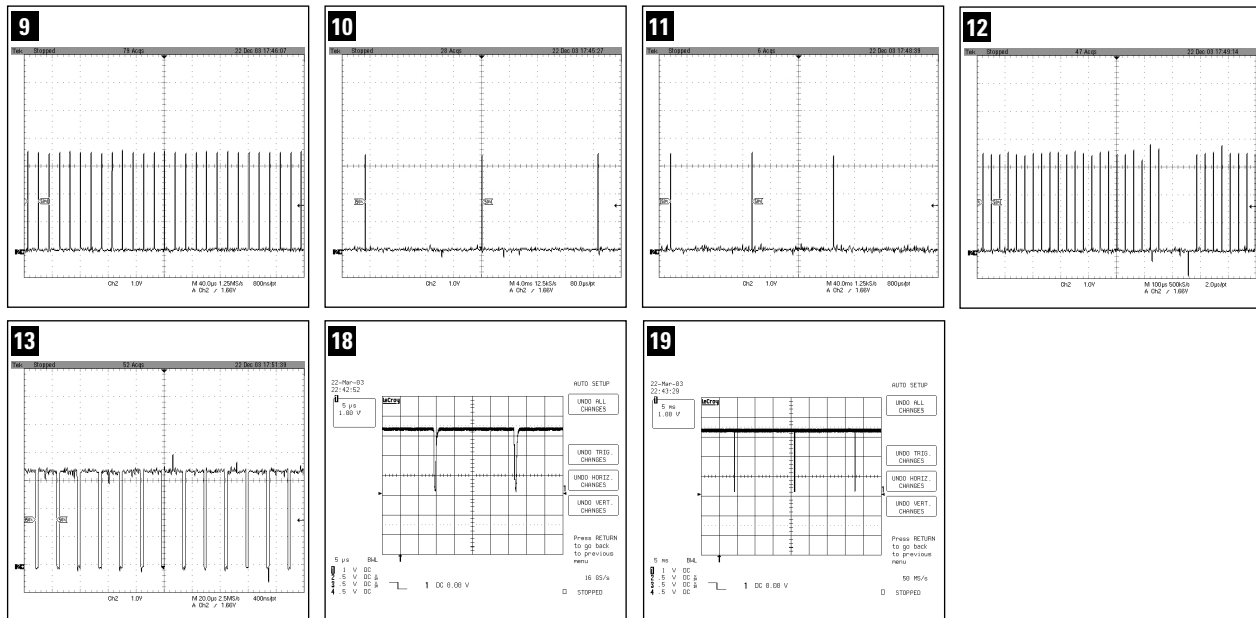
WAVEFORMS



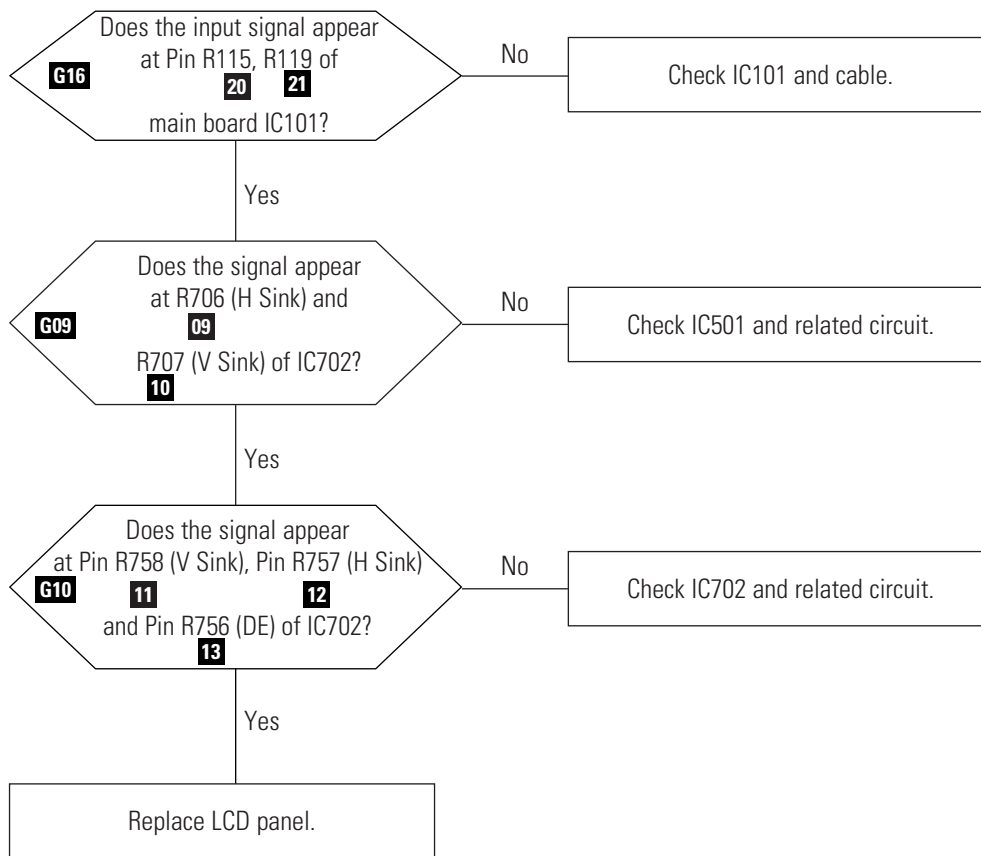
5-5 No Screen (PC Signal [Analog])



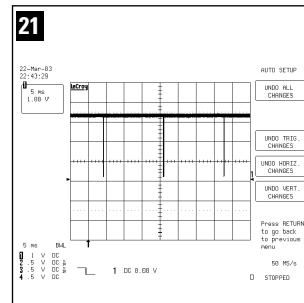
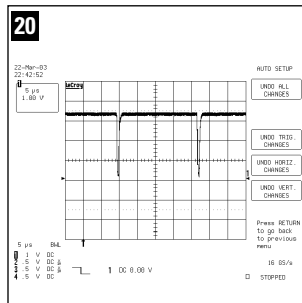
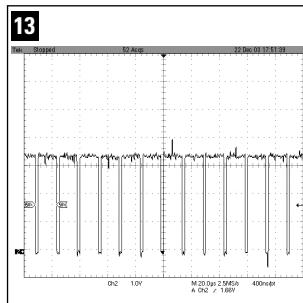
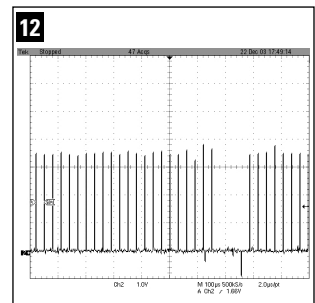
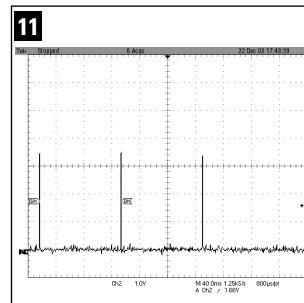
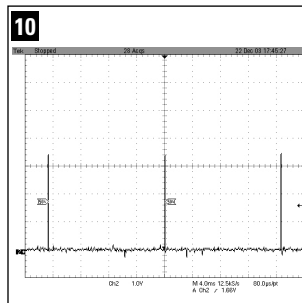
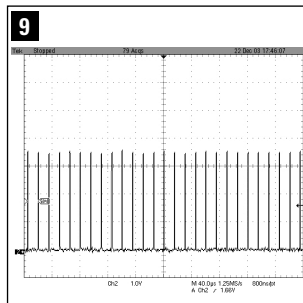
WAVEFORMS



5-6 No Screen (PC Signal [Digital])

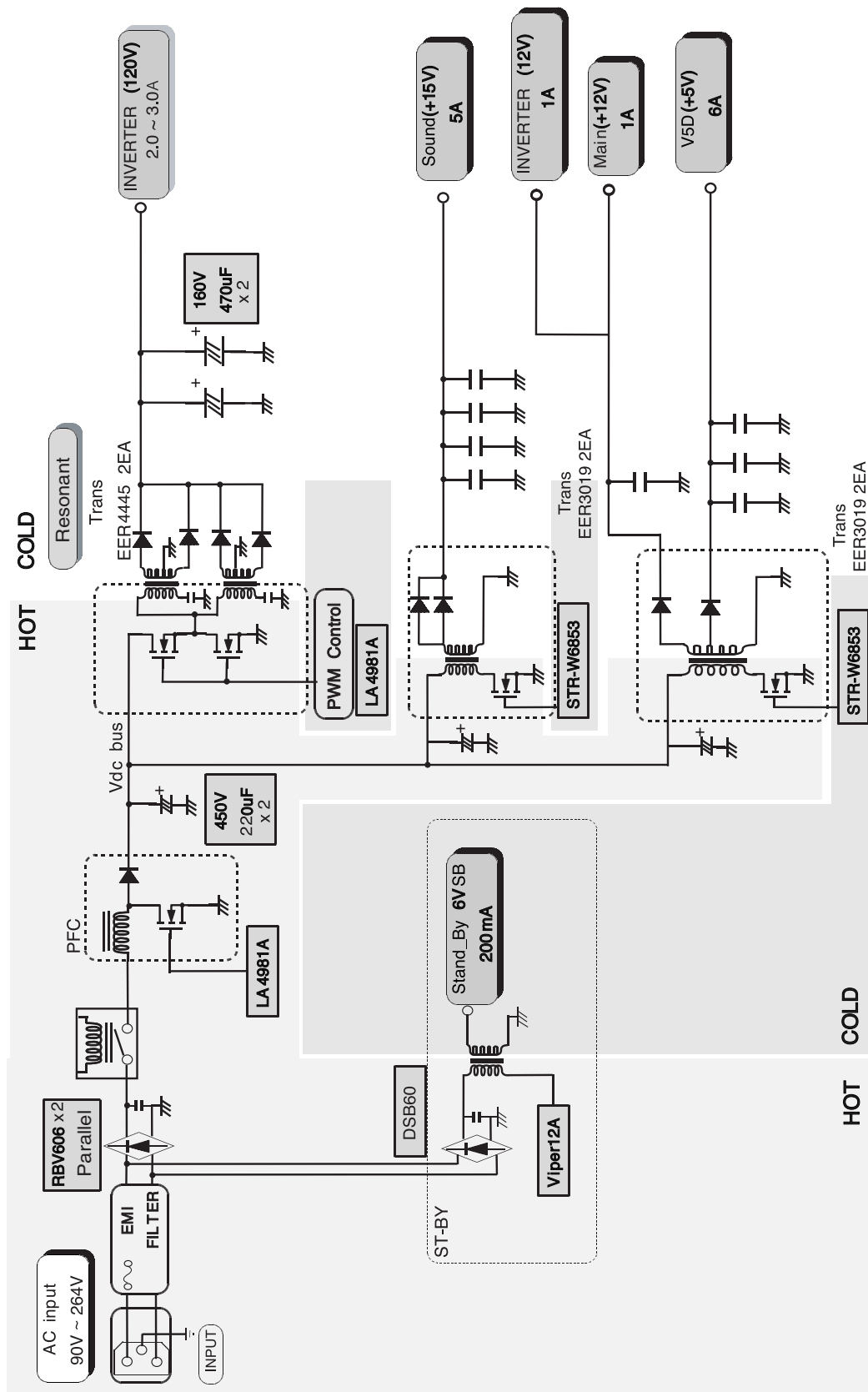


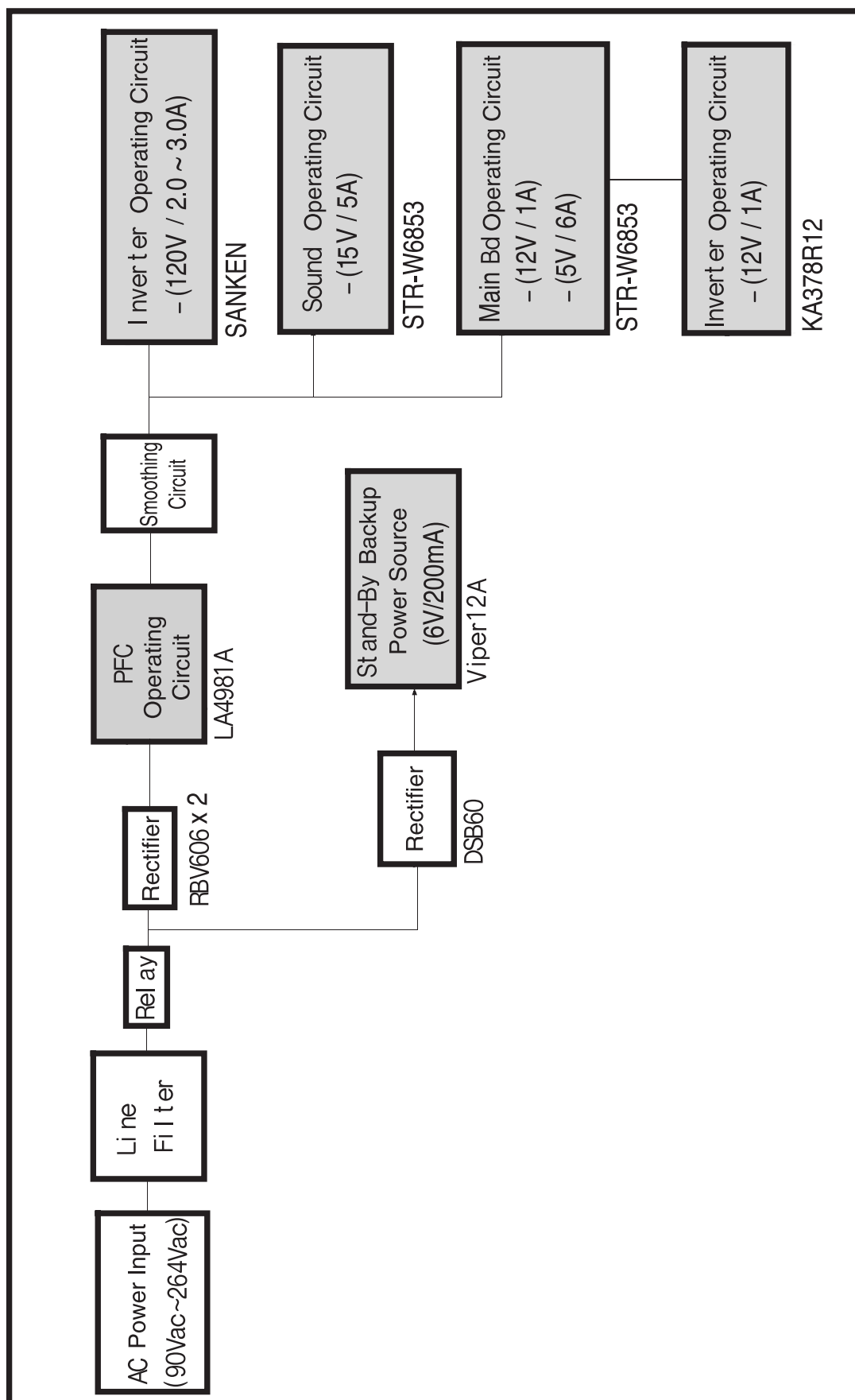
WAVEFORMS



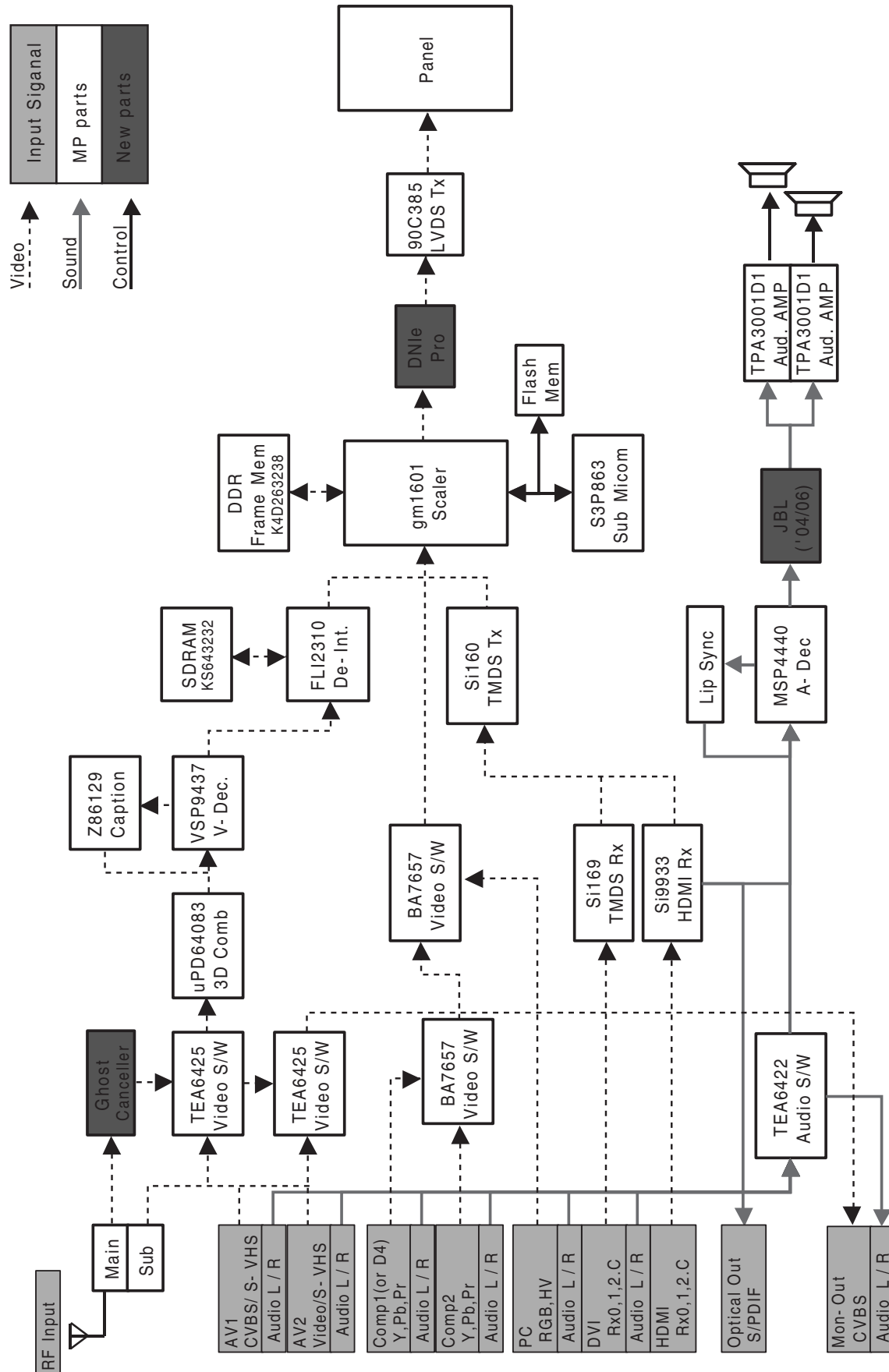
8 Block Diagram

8-1 LCD-TV 46" 57" Power Block diagram



8-2 LCD-TV 46" Power Block diagram

8-3 Main Block diagram



Memo

9 Wiring Diagram

1	VCC(5V)
2	
3	
4	
5	
6	GND
7	
8	
9	
10	
11	TXOB3+
12	TXOB3-
13	TXOBC+
14	TXOBC-
15	TXOB2+
16	TXOB2-
17	TXOB1+
18	TXOB1-
19	TXOB0+
20	TXOB0-
21	TXOA3+
22	TXOA3-
23	TXOAC+
24	TXOAC-
25	TXOA2+
26	TXOA2-
27	TXOA1+
28	TXOA1-
29	TXOA0+
30	TXOA0-

CN702

1	GND
2	On_Off In
3	PWM In
4	Analog_Dim In
5	NULL
6	NULL
7	NULL
8	NULL

CN803

1	12V/0.7A
2	GND_PW
3	5V/5A
4	
5	
6	GND_PW
7	
8	
9	15V_AUD/3A
10	
11	
12	GND_PW
13	
14	

CN801

1	OUT P
2	NC
3	OUT N

SP601

1	OUT P
2	OUT N

SP602

1	HP_R_OUT
2	HP_IDENT
3	CVBS_AR2
4	GND
5	SVIDEO_Y2
6	GND
7	CVBS2
8	HP_L_OUT
9	GND
10	CVBS_AL2
11	GND
12	SVIDEO_C2
13	CVBS_CHK2
14	GND

CN208

1	SDA_5
2	SCL_5
3	GND
4	GND
5	KEY2
6	KEY1
7	LED_GRN
8	LED_RED
9	IRRCVR0
10	GND
11	POWER_SW
12	VCC

CN802

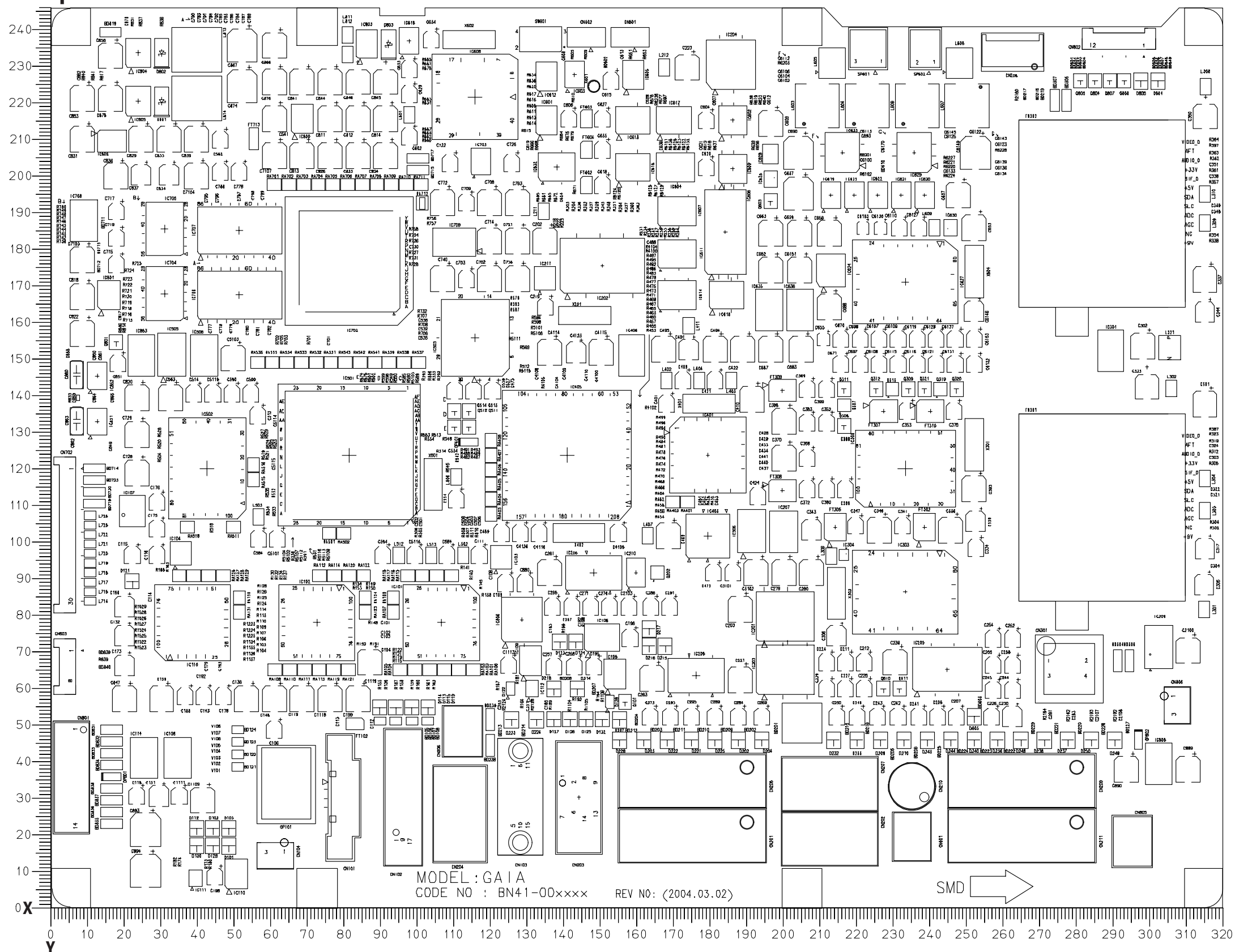
CN806

1	STANDBY_VCC
2	GND
3	MAIN_PW

Memo

10 PCB Layout

10-1 PCB Layout Top



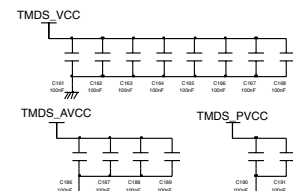
Loc. No.	Description	X	Y
DIODE			
D101	DIODE-ZENER	48.4	16.8
D102	DIODE-ZENER	44.0	21.6
D103	DIODE-ZENER	48.4	21.6
D112	DIODE-ZENER	39.6	21.6
D113	DIODE-SWITCHING	94.0	54.4
D114	DIODE-SWITCHING	89.6	54.4
D115	DIODE-SWITCHING	98.4	54.4
D116	DIODE-SWITCHING	89.6	54.4
D117	DIODE-SWITCHING	94.0	54.4
D118	DIODE-SWITCHING	98.4	54.4
D119	DIODE-SWITCHING	102.8	54.4
D120	DIODE-SWITCHING	102.8	54.4
D121	DIODE-SCHOTTKY	22.0	88.8
D122	DIODE-ZENER	125.2	59.6
D123	DIODE-ZENER	138.8	72.4
D124	DIODE-ZENER	143.2	72.4
D125	DIODE-SWITCHING	146.0	51.2
D126	DIODE-SWITCHING	141.6	51.2
D127	DIODE-SWITCHING	137.2	51.2
D128	DIODE-ZENER	152.4	56.0
D129	DIODE-SCHOTTKY	44.0	16.8
D130	DIODE-SCHOTTKY	39.6	16.8
D131	DIODE-SCHOTTKY	125.2	59.6
D132	DIODE-SCHOTTKY	150.4	51.2
D201	DIODE-ZENER	134.4	181.6
D202	DIODE-ZENER	187.6	45.6
D203	DIODE-ZENER	161.8	45.6
D204	DIODE-ZENER	194.0	45.6
D205	DIODE-ZENER	161.8	45.6
D206	DIODE-ZENER	194.0	45.6
D207	DIODE-ZENER	155.2	51.2
D208	DIODE-ZENER	187.6	45.6
D209	DIODE-ZENER	226.4	45.6
D210	DIODE-ZENER	232.8	45.6
D211	DIODE-ZENER	232.8	45.6
D212	DIODE-ZENER	226.4	45.6
D213	DIODE-ZENER	173.6	228.8
D214	DIODE-ZENER	143.6	59.6
D215	DIODE-ZENER	167.6	71.2
D216	DIODE-ZENER	163.2	71.2
D217	DIODE-ZENER	163.2	76.0
D218	DIODE-ZENER	137.2	59.6
D219	DIODE-ZENER	137.2	59.6
D220	DIODE-ZENER	143.6	59.6
D221	DIODE-ZENER	174.8	45.6
D222	DIODE-ZENER	168.2	45.6
D223	DIODE-ZENER	125.6	51.2
D224	DIODE-ZENER	132.4	51.2
D225	DIODE-ZENER	181.2	45.6
D226	DIODE-ZENER	132.4	51.2
D227	DIODE-ZENER	181.2	45.6
D228	DIODE-ZENER	155.2	45.6
D229	DIODE-ZENER	168.2	45.6
D230	DIODE-ZENER	174.8	45.6
D231	DIODE-ZENER	125.6	51.2
D232	DIODE-ZENER	213.6	45.6
D233	DIODE-ZENER	220.0	45.6
D234	DIODE-ZENER	220.0	45.6
D235	DIODE-ZENER	213.6	45.6

Loc. No.	Description	X	Y
D236	DIODE-ZENER	258.4	45.6
D237	DIODE-ZENER	277.6	45.6
D238	DIODE-ZENER	271.2	45.6
D239	DIODE-ZENER	271.2	45.6
D240	DIODE-ZENER	252.0	45.6
D241	DIODE-ZENER	258.4	45.6
D242	DIODE-ZENER	277.6	45.6
D243	DIODE-ZENER	239.2	45.6
D244	DIODE-ZENER	245.6	45.6
D245	DIODE-ZENER	252.0	45.6
D246	DIODE-ZENER	239.2	45.6
D247	DIODE-ZENER	245.6	45.6
D248	DIODE-ZENER	264.8	45.6
D249	DIODE-ZENER	290.4	45.6
D250	DIODE-ZENER	284.0	45.6
D251	DIODE-ZENER	284.0	45.6
D252	DIODE-ZENER	264.8	45.6
D253	DIODE-ZENER	290.4	45.6
D601	DIODE-ZENER	195.2	173.6
D602	DIODE-SWITCHING	250.4	185.6
D605	DIODE-ZENER	252.0	52.0
D606	DIODE-ZENER	236.8	185.2
D607	DIODE-ZENER	252.0	154.8
D609	DIODE-RECTIFIER	224.4	214.4
D610	DIODE-RECTIFIER	210.8	214.4
D611	DIODE-RECTIFIER	251.6	214.4
D612	DIODE-RECTIFIER	238.0	214.4
D613	DIODE-ZENER	252.0	52.0
D801	DIODE-RECTIFIER	30.0	219.6
D802	DIODE-RECTIFIER	30.0	232.8
D803	DIODE-RECTIFIER	92.0	235.2
D804	DIODE-ZENER	302.2	225.2
D805	DIODE-ZENER	297.6	225.2
D816	DIODE-TVS	293.6	28.4
D817	DIODE-TVS	293.6	30.8
IC			
IC101	IC-RECEIVER	106.4	77.6
IC102	IC-TRANSMITTER	72.4	77.6
IC103	IC-VOL. DETECTOR	122.8	94.8
IC104	IC-VOL. DETECTOR	35.2	96.0
IC105	IC-EEPROM	153.8	63.6
IC106	IC-TTL	150.4	73.6
IC107	IC-POS1.ADJUST REG.	22.0	108.0
IC108	IC-POS1.FIXED REG.	34.4	41.2
IC109	IC-EEPROM	130.8	67.2
IC110	IC-EEPROM	50.4	9.2
IC111	"PR : 3P,0.95PITCH"	39.2	8.0
IC112	"PR : 3P,0.95PITCH"	131.2	59.6
IC114	IC-POS1.FIXED REG.	25.2	41.2
IC115	IC-RECEIVER	38.4	77.6
IC201	IC-VIDEO SWITCH	200.4	79.2
IC202	IC MICOM	150.4	174.8
IC203	IC-VIDEO SWITCH	200.4	64.8
IC204	IC-I/O SUPPORT CHIP	185.6	229.6
IC205	IC-AUDIO SWITCH	244.6	64.8
IC206	IC-VIDEO SWITCH	148.0	91.2
IC207	IC-POS1.FIXED REG.	200.0	102.8
IC208	IC-VIDEO SWITCH	176.0	63.2
IC209	IC-VOLTAGE REGULATOR	302.4	70.8

Loc. No.	Description	X	Y
IC210	IC-VIDEO SYSTEM	159.6	91.2
IC211	IC-VOL. DETECTOR	134.8	170.8
IC301	IC-VOLTAGE REGULATOR	289.3	151.6
IC302	IC-CMOS LOGIC	230.0	84.4
IC303	IC-VIDEO PROCESS	233.2	86.0
IC304	IC-CMOS LOGIC	216.4	96.0
IC305	IC-SEPARATOR	233.2	119.6
IC306	IC-POS1.FIXED REG.	191.2	102.4
IC401	IC-VIDEO DECODER	179.2	123.2
IC403	IC-DECODER	179.2	101.2
IC404	IC-DRAM	140.8	124.8
IC405	IC-DISPLAY DRIVER	140.8	123.2
IC406	IC-VOLTAGE REGULATOR	158.4	150.4
IC501	IC-LCD CONTROLLER	81.3	123.2
IC502	IC-DRAM	42.4	119.6
IC503	IC-EPROM	115.6	155.2
IC504	IC-FLASH MEMORY	115.6	155.2
IC505	IC-POS1.FIXED REG.	32.8	150.4
IC506	IC-POS1.FIXED REG.	41.6	150.8
IC601	IC-RESET	135.2	214.4
IC602	IC-CMOS LOGIC	186.0	214.4
IC603	IC-REAL TIME CLOCK	142.8	226.8
IC604	IC-TTL	170.4	201.6
IC605	IC-EEPROM	158.8	226.8
IC606	IC-SRAM	184.0	184.0
IC607	IC-TTL	170.8	189.6
IC608	IC-MICROCONTROLLER	115.6	220.8
IC609	IC-CMOS LOGIC	186.0	201.2
IC611	IC-TTL	170.8	178.0
IC612	IC-RESET	135.2	226.4
IC613	IC-ANALOG SWITCH	158.8	214.4
IC614	IC-TTL	170.8	166.8
IC615	IC-TTL	184.4	166.8
IC616	IC-OP AMP	97.6	236.0
IC617	IC-TTL	170.0	214.4
IC618	IC-ANALOG SWITCH	158.8	201.6
IC619	IC-OP AMP	212.8	194.0
IC620	IC-OP AMP	238.4	194.0
IC621	IC-OP AMP	232.0	194.0
IC622	IC-OP AMP	225.6	194.0
IC623	IC-OP AMP	219.2	194.0
IC624	IC-AUDIO AMP	212.8	173.6
IC625	IC-AUDIO AMP	216.0	205.6
IC626	IC-CMOS LOGIC	196.4	198.4
IC627	IC-SOUND PROCESSOR	233.2	170.4
IC628	IC-VOL. DETECTOR	196.4	205.2
IC629	IC-AUDIO AMP	235.6	205.6
IC630	IC-CMOS LOGIC	245.6	185.2
IC632	IC-CMOS LOGIC	138.0	201.6
IC635	IC-POS1.FIXED REG.	196.0	163.2
IC636	IC-VOLTAGE REGULATOR	204.4	162.8
IC701	IC-POS1.ADJUST REG.	120.4	181.6
IC702	IC-VIDEO PROCESS	81.3	176.0
IC703	IC-POS1.ADJUST REG.	117.2	203.2
IC704	IC-TRANSMITTER	30.8	167.2
IC705	IC-TRANSMITTER	30.8	184.8
IC706	IC-DRAM	51.2	166.8
IC707	IC-DRAM	51.2	184.4
IC708	IC-POS1.FIXED REG.	8.8	187.6
IC709	IC-POS1.FIXED REG.	110.0	181.2

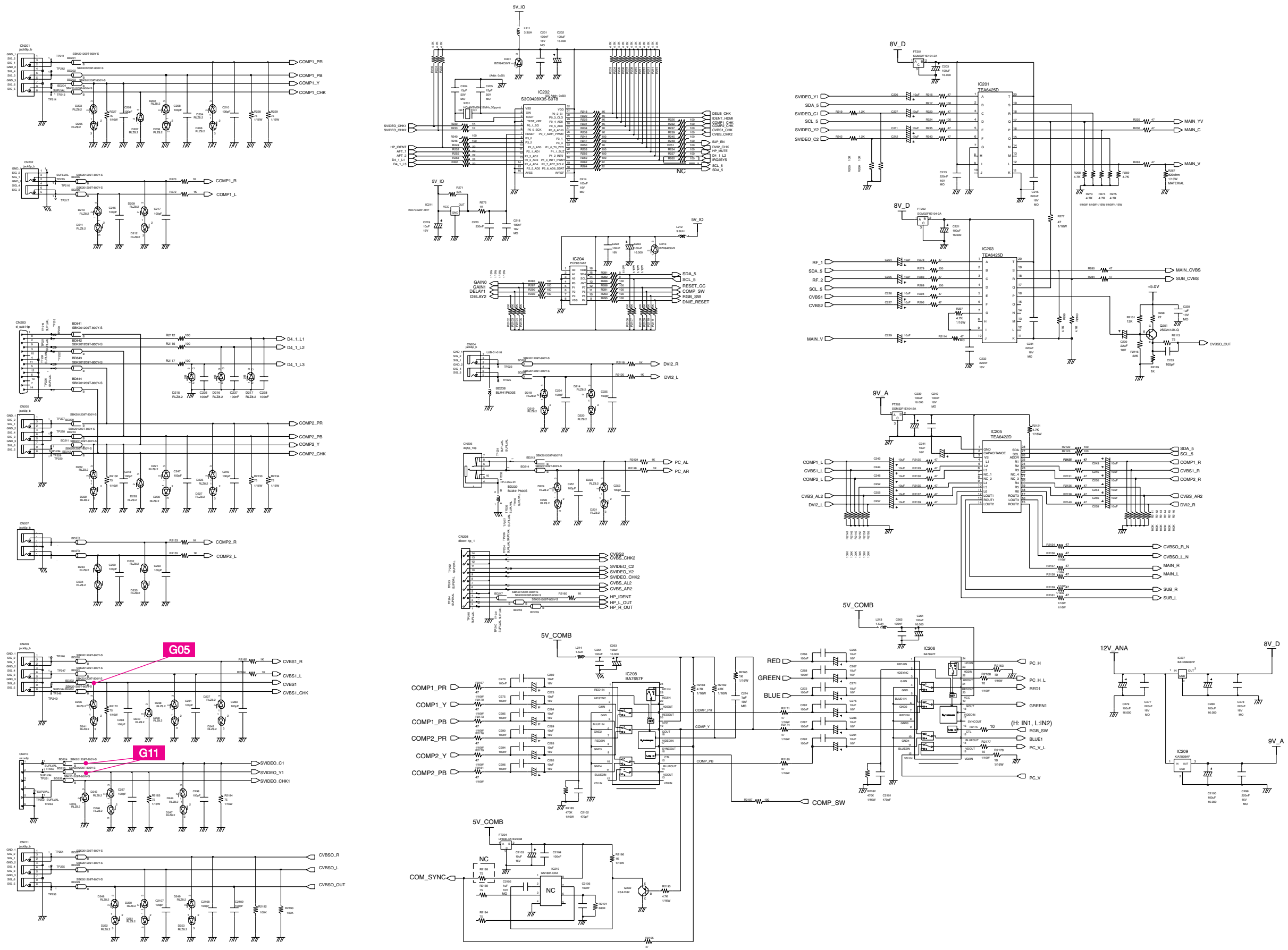
Loc. No.	Description	X	Y
IC800	FET-SILICON	68.4	214.8
IC801	FET-SILICON	15.6	166.8
IC802	FET-SILICON	16.4	208.8
IC803	IC-SWITCH REG.	86.0	235.2
IC804	IC-SWITCH VOL. REG.	23.6	232.8
IC805	IC-SWITCH VOL. REG.	23.6	219.6
IC806	IC-DRIVER/RECEIVER	128.4	78.4
IC808	IC-VOLTAGE REGULATOR	302.4	39.2
IC851	IC-TIMER	12.4	132.4
IC852	IC-TIMER	12.4	144.8
IC853	IC-VOLTAGE REGULATOR	24.4	150.4
TRANSISTOR			
Q101	TR-SMALL SIGNAL	156.6	56.0
Q201	TR-SMALL SIGNAL	262.4	53.2
Q202	TR-SMALL SIGNAL	165.4	91.2
Q301	TR-SMALL SIGNAL	241.2	104.8
Q302	TR-SMALL SIGNAL	252.4	105.2
Q303	TR-SMALL SIGNAL	213.6	100.8
Q304	TR-SMALL SIGNAL	223.2	105.2
Q305	TR-SMALL SIGNAL	213.6	105.2
Q306	TR-SMALL SIGNAL	209.2	105.6
Q307	TR-SMALL SIGNAL	216.4	136.8
Q308	TR-SMALL SIGNAL	216.4	131.2
Q309	TR-SMALL SIGNAL	234.0	141.2
Q310	TR-SMALL SIGNAL	240.0	122.8
Q311	TR-SMALL SIGNAL	216.4	141.2
Q312	TR-SMALL SIGNAL	225.2	141.2
Q313	TR-SMALL SIGNAL	229.6	141.2
Q314	TR-SMALL SIGNAL	227.2	133.2
Q315	TR-SMALL SIGNAL	206.4	122.0
Q316	TR-SMALL SIGNAL	204.0	114.8
Q317	TR-SMALL SIGNAL	198.8	122.0
Q318	TR-SMALL SIGNAL	199.6	114.8
Q319	TR-SMALL SIGNAL	242.8	141.2
Q320	TR-SMALL SIGNAL	247.2	141.2
Q321	TR-SMALL SIGNAL	238.4	141.2
Q322	TR-SMALL SIGNAL	240.4	133.2
Q323	TR-SMALL SIGNAL	236.0	133.2
Q324	TR-SMALL SIGNAL	204.4	142.0
Q325	TR-SMALL SIGNAL	200.0	132.4
Q326	TR-SMALL SIGNAL	199.6	142.0
Q511	FET-SILICON	114.0	130.8
Q512	FET-SILICON	110.0	130.8
Q513	FET-SILICON	114.0	135.2
Q514	FET-SILICON	110.0	135.2
Q602	TR-SMALL SIGNAL	150.8	201.2
Q603	TR-SMALL SIGNAL	196.4	192.4
Q604	TR-SMALL SIGNAL	134.4	201.6
Q605	TR-SMALL SIGNAL	155.2	201.2
Q606	TR-SMALL SIGNAL	196.4	183.6
Q610	TR-SMALL SIGNAL	227.2	59.6
Q611	TR-SMALL SIGNAL	231.6	59.6
Q801	TR-SMALL SIGNAL	17.6	154.0
Q802	TR-SMALL SIGNAL	68.0	216.0
Q803	TR-SMALL SIGNAL	16.8	213.6
Q804	TR-SMALL SIGNAL	285.0	225.2
Q805	TR-SMALL SIGNAL	281.0	225.2
Q807	TR-SMALL SIGNAL	289.0	225.2
Q808	TR-SMALL SIGNAL	293.0	225.2

11-1 DVI & PC INPUT TMDS INTERFACE Schematic Diagram



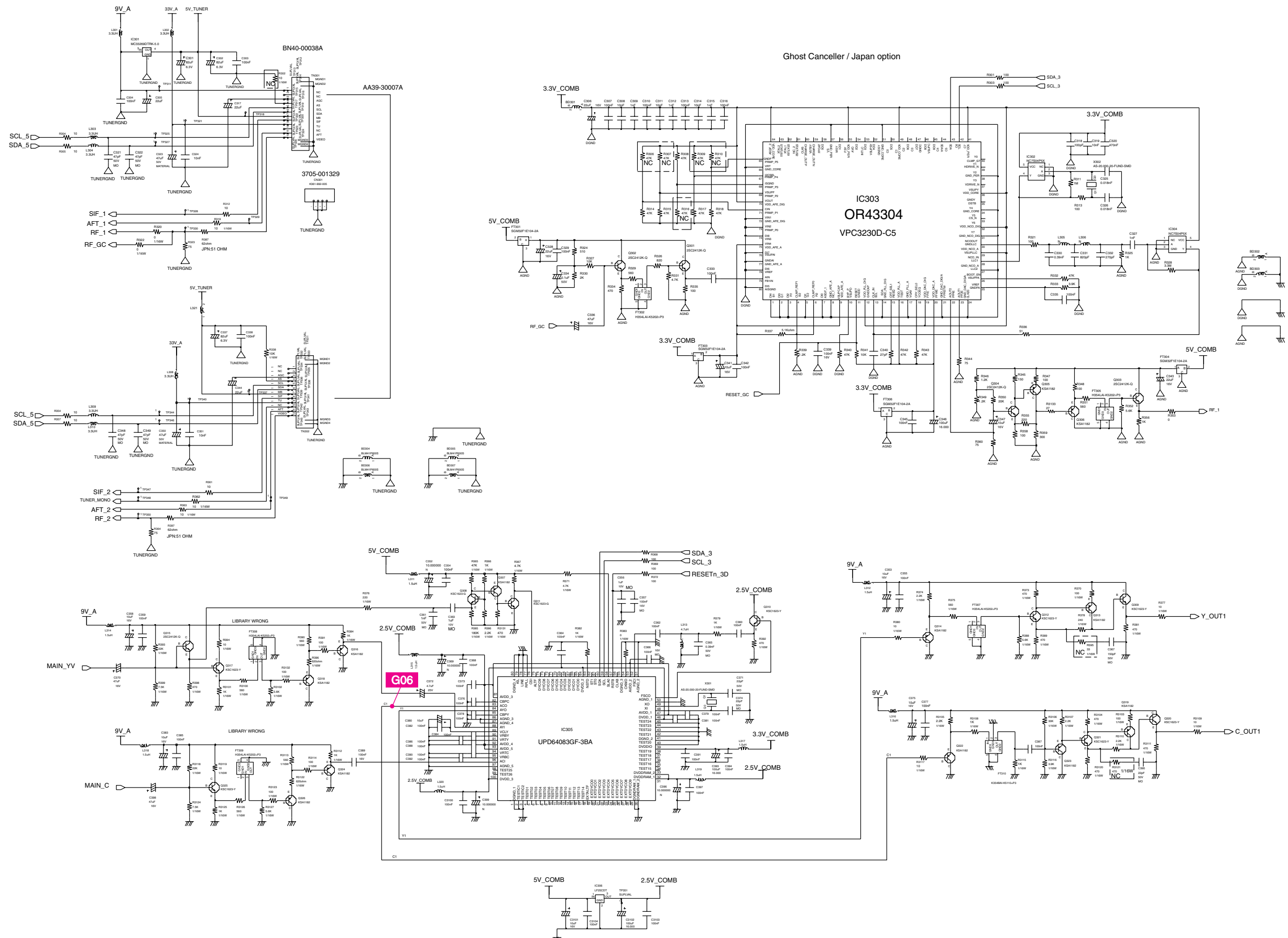
* This Document can not be used without Samsung's authorization.

11-2 AV INPUT JACK INPUT MUX (AV) Schematic Diagram



* This Document can not be used without Samsung's authorization.

11-3 TUNER & G/C(JAPAN) 3D-COM FLITER Schematic Diagram

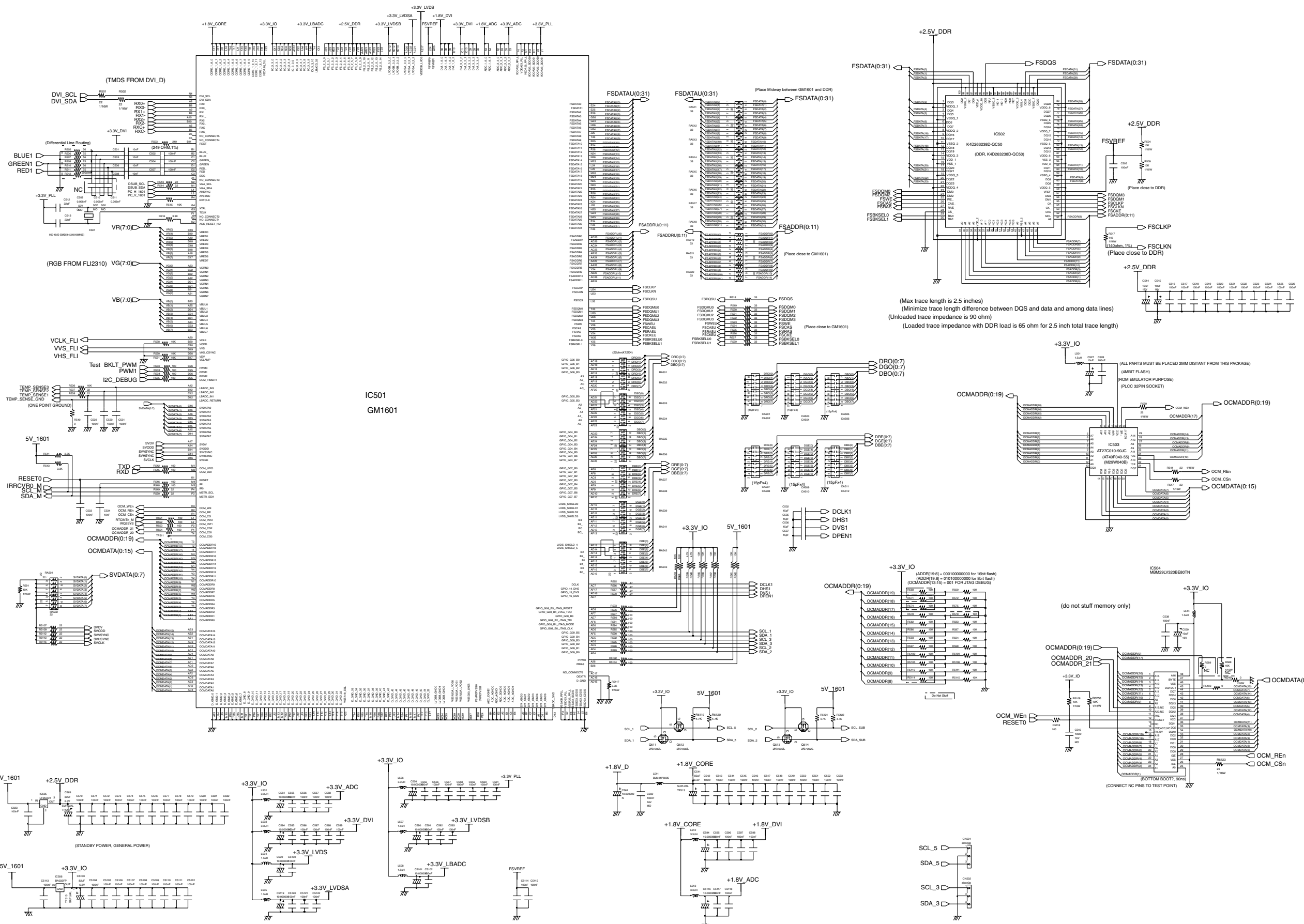


11-4



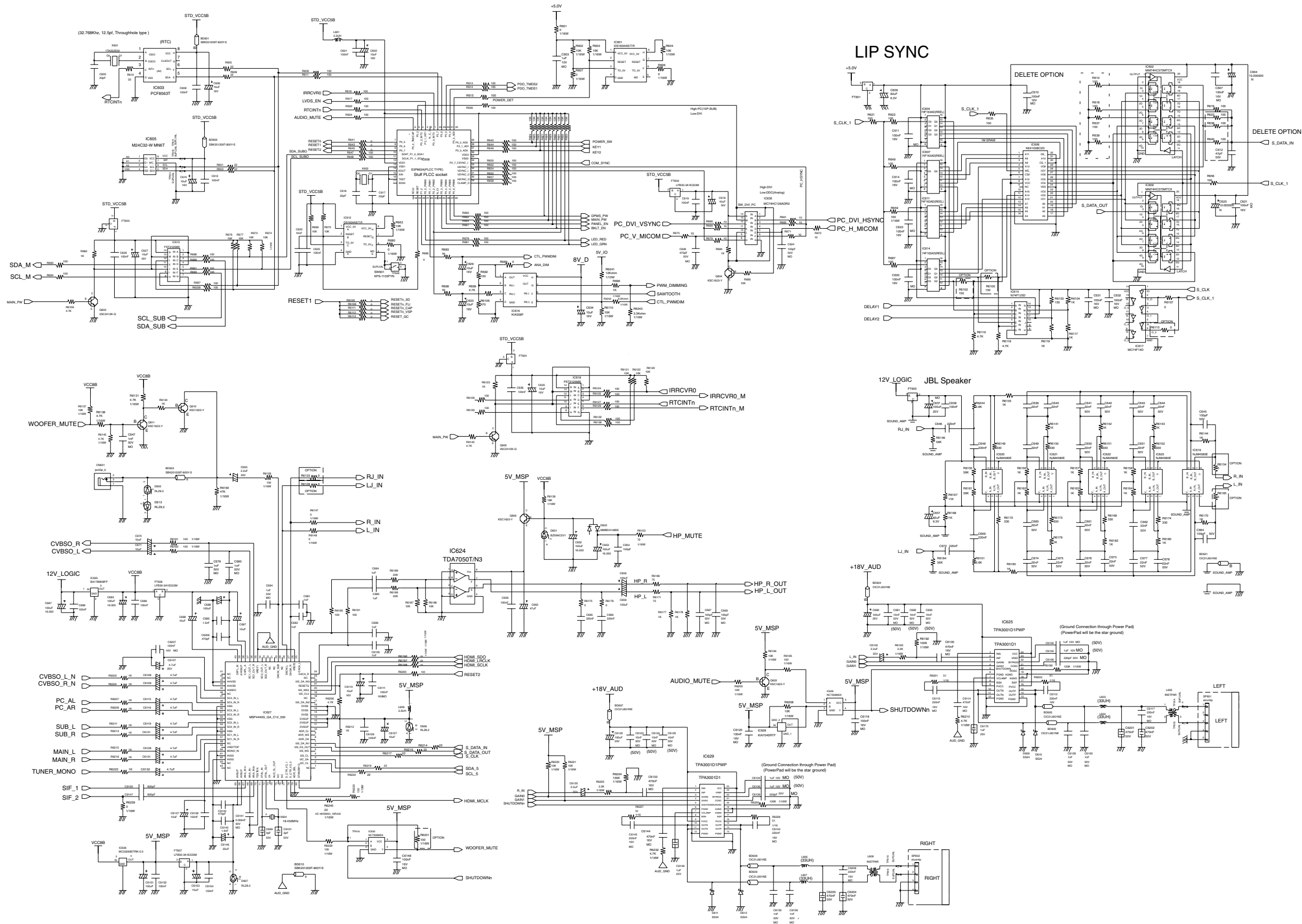
* This Document can not be used without Samsung's authorization.

11-5 Gm1601-SCALER Schematic Diagram



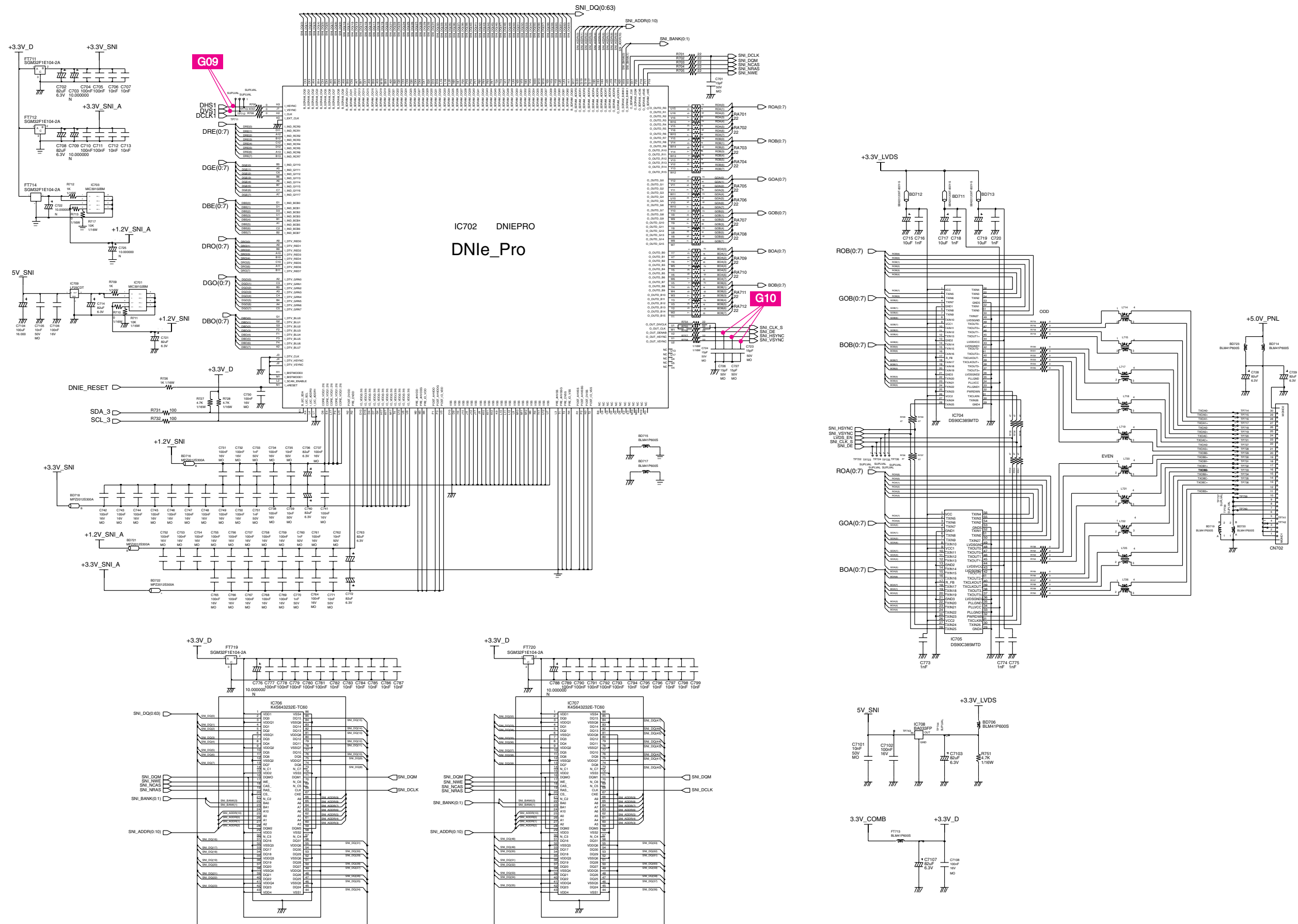
* This Document can not be used without Samsung's authorization.

11-6 SUB & I/O MICOM SOUND PROCESSOR Schematic Diagram



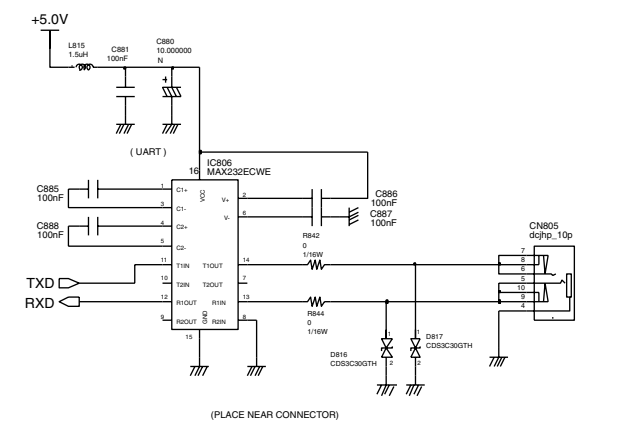
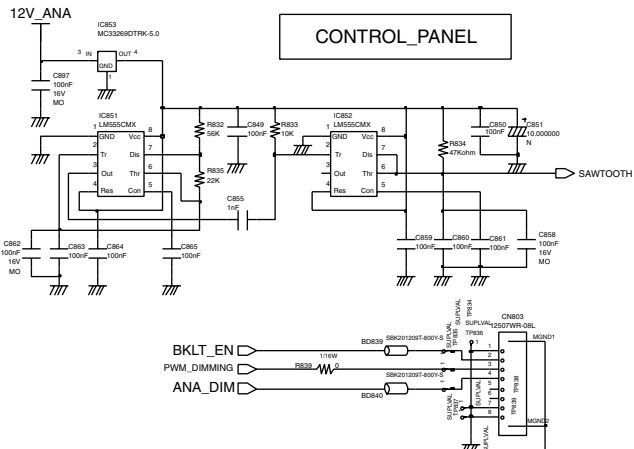
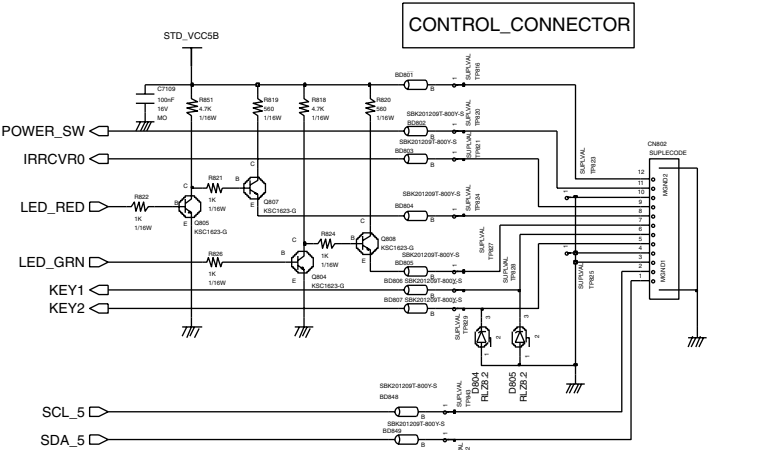
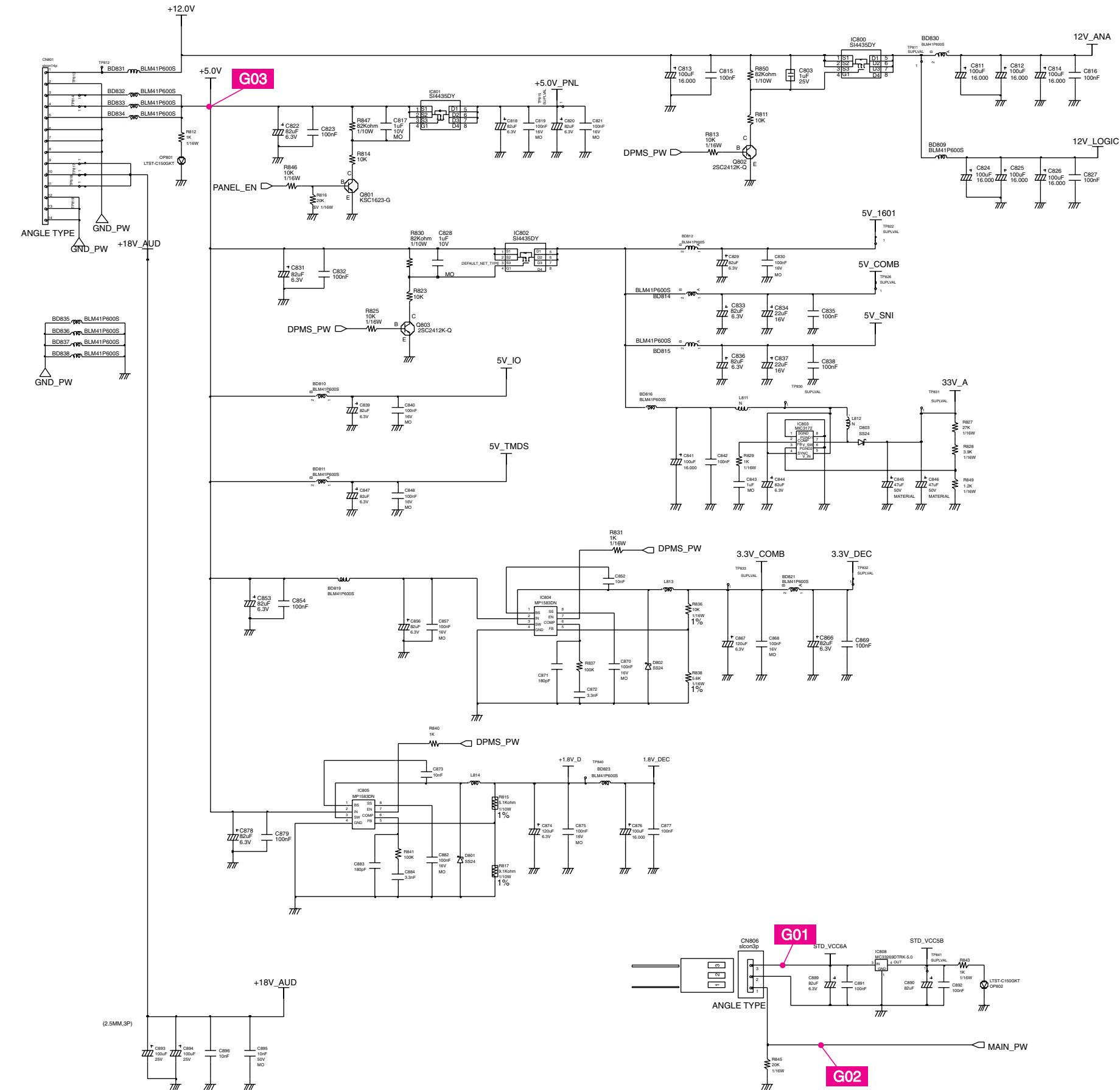
* This Document can not be used without Samsung's authorization.

11-7 DINE Pro LVDS INTERFACE Schematic Diagram



* This Document can not be used without Samsung's authorization.

11-8 POWER DISTRIBUT FUNCTION JACK Schematic Diagram



3 Disassembly and Reassembly

This section of the service manual describes the disassembly and reassembly procedures for the LT-P468W monitor.

WARNING: This monitor contains electrostatically sensitive devices. Use caution when handling these components.

3-1 Disassembly

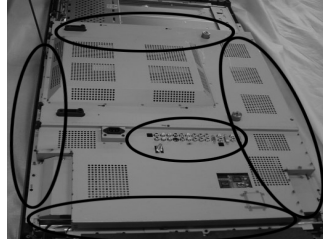
Cautions : 1. Disconnect the monitor from the power source before disassembly.
2. Follow these directions carefully; never use metal instruments to pry apart the cabinet.



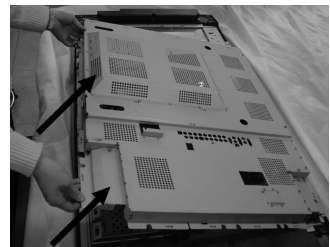
1. Place SET face down on cushioned table. Remove 6 screws from grip on the stand and lift up the stand.



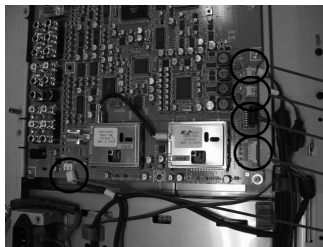
2. Remove 22 screws from the rear cover and lift up the rear cover.



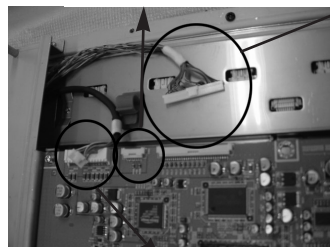
3. Remove 3 screws from the COVER BOTTOM.



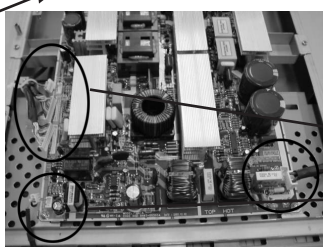
T.CON Control Cable



LVDS Cable



MAIN Power Cable

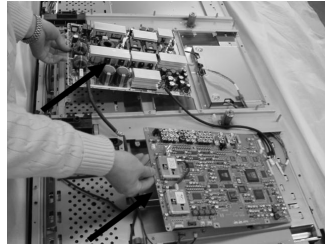
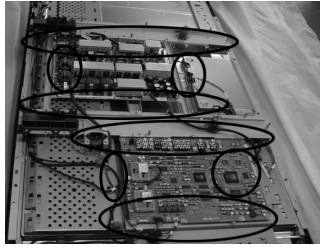


4. Remove 23 screws and 4 HEXA screws from the SHIELD.

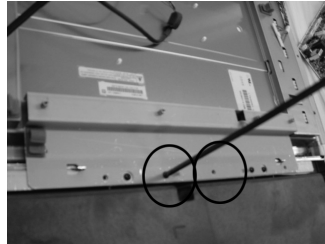
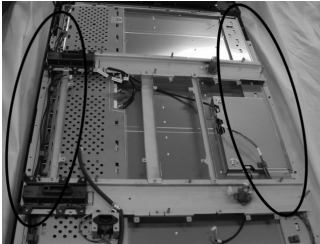
Speck Cable (left)
Speck Cable (right)
SIDE A/V Cable
FUNCTION Cable
STAND BY Cable

5. Lift up the shield and disconnect speaker cable, function cable and power cable from the board.

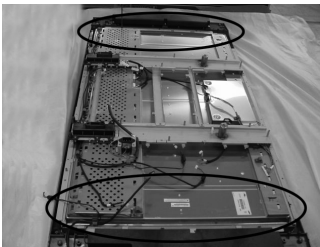
Inverter Power Cable



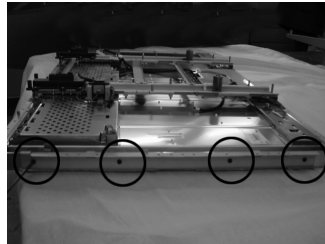
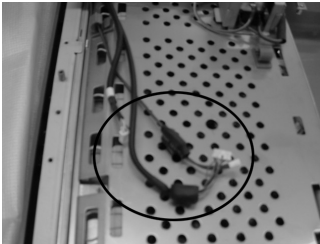
6. Remove 14 screws from the MAIN board, power and lift up the board.



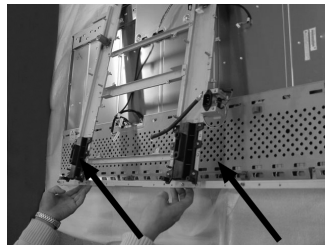
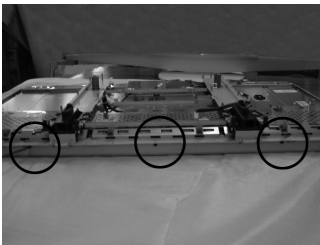
7. Remove 14 screws from the BRKT. (see illustrations)



8. Remove 10 screws from the Ass'y chassis. (see illustrations)



9. Disconnect speaker cable, power cable and fuction cable from the shield. Remove 8 screws from the side BRKT. (right/left, see illustrations)



10. Remove 6 screws from the Ass's chassis. (top/bottom)



This picture is panel.

3-2 Reassembly

Reassembly procedures are in the reverse order of disassembly procedures.