

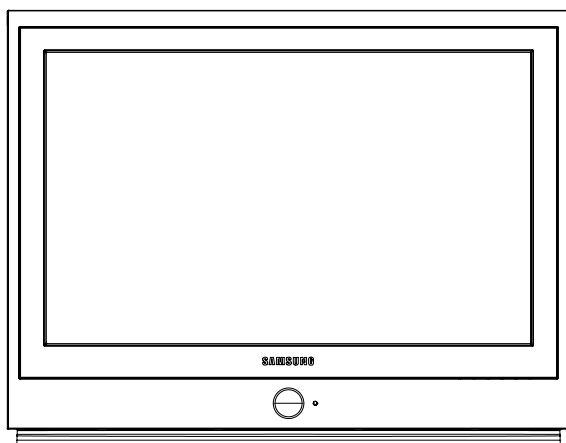
SAMSUNG

LCD-TV

Chassis	Model
VN32UO	LTN325W
VN40UO	LTN406W

SERVICE Manual

LCD-TV



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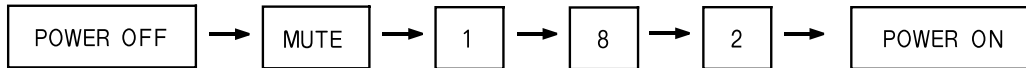
4 Alignments and Adjustments

4-1 Factory Mode Adjustments

4-1-1 Entering Factory Mode

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

- If you do not have Factory remote - contro



- If you have Factory remote - control



4-1-2 Factory Mode Tree

Factory Mode Tree

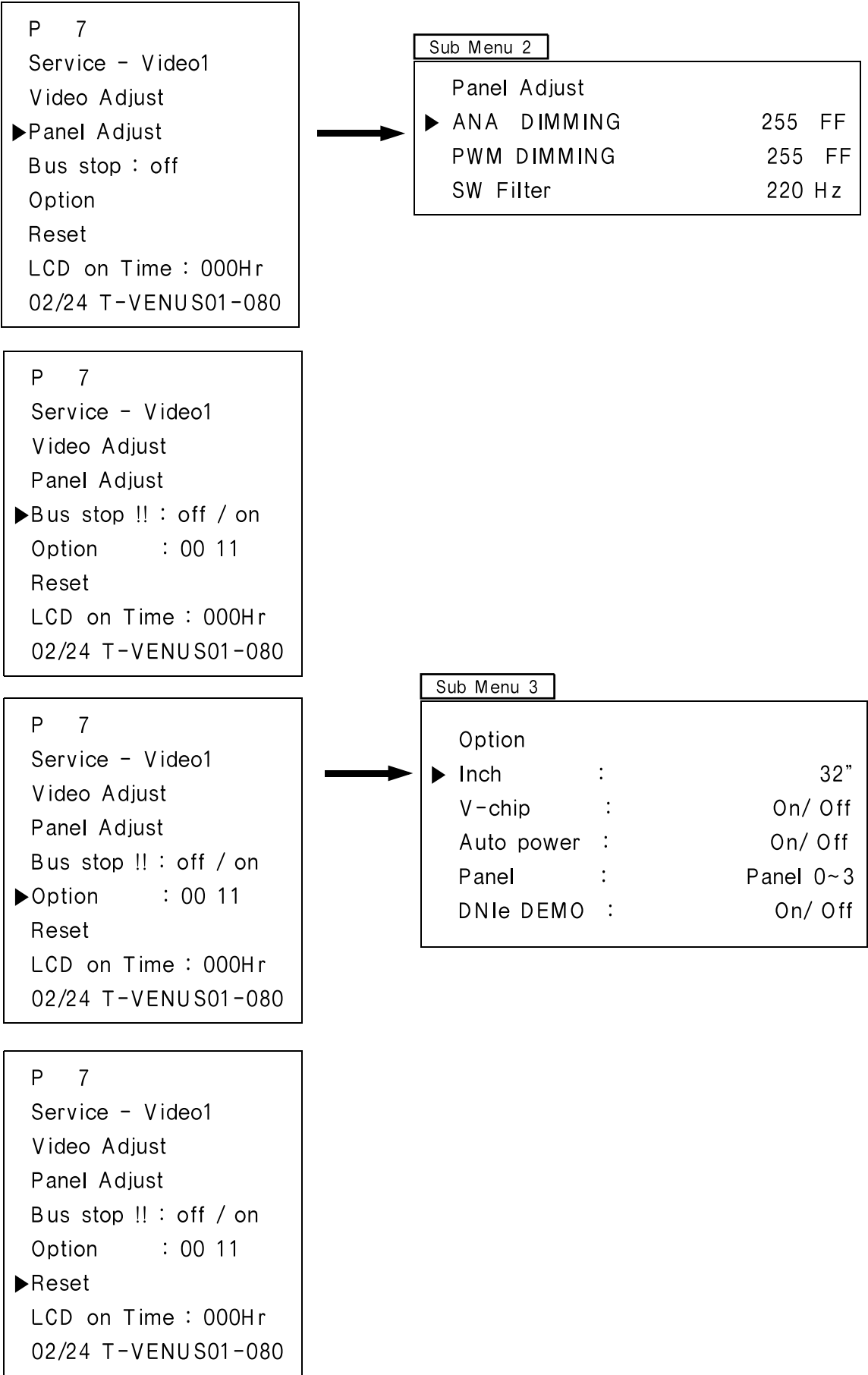
Main Menu	Present Mode
P 7	
Service - Video1	
▶ Video Adjust	
Panel Adjust	
Bus stop : off	
Option : 00 11	
Reset	
LCD on Time : 000Hr	
02/22 T-VENUS01-080	

Sub Menu 1

Video Adjust		
▶ Red Gain	0	00
Green Gain	0	00
Blue Gain	6	03
Red Cutoff	133	85
Green Cutoff	130	82
Blue Cutoff	129	81
Inverter		
Gamma		On
SUB CONT	7	07
SUB BRIGHT	165	A5
PMM ADC R Gain		
PMM ADC G Gain		
PMM ADC B Gain		
PMM DTV Pr Gain		
PMM DTV Y Gain		
PMM DTV Pb Gain		
PC Red Cutoff	129	81
PC Blue Cutoff	129	81
9883 R Gain	128	80
9883 G Gain	95	5F
9883 B Gain	128	80
9883 R Cutoff	128	80
9883 G Cutoff	149	95
9883 B Cutoff	125	7D
MP sub COLOR	44	2C
PIP sub COLOR	32	20
MP sub TINT	1	01
PIP Sub TINT	1	01
PPMM sharpness	32	20
DN1e sharpness	32	20
DN1e NR	129	81
Video Recall		

Decimal

Hexa Decimal



4-2 SUB Menu 1

- In sub menu 1, you can adjust the white balance.
- As the adjustment and data values differ depending on input sources, different adjustments are required for RF, DVD, DTV and PC modes.
- Optimum condition data for each mode are saved as default values. (Refer to Table 2, W/B default value)
- As the RF mode is applied with the same values as for video and S-VHS, adjustment can be made in any of RF, video and S-VHS modes.

Table 4-1 White Balance Setting Conditions

Mode		RF	DVD(480i/p)	DTV(720p/1080i)	PC
W/B	High	260,258	260,258	260,258	260,258
		165cd/ m ²	140cd/ m ²	150cd/ m ²	165cd/ m ²
	Low	270,250	270,250	270,250	270,250
		2.7cd/ m ²	3.0cd/ m ²	3.0cd/ m ²	2.7cd/ m ²

4-2-1 Conditions for Measurement

On the basis of ToshibaABL Pattern
Optical measuring device : CA210

4-2-2 Method of Adjustment

1. Set the input to the mode in which the adjustment will be made (RF/DVD/DTV/PC).
The sequence of adjustment is RF → DVD → DTV → PC.
2. Enter factory video adjust, confirm the data, and if it differs from the default values, perform video recall and return to factory video adjust.
*Video recall restores the values in video adjust to the default.
3. Adjust the low value. (Refer to table 2 in adjustment positions by mode)
 - Adjust green cutoff to set the Y value (except for PC).
 - Adjust red cutoff and blue cutoff to the color coordinates.
 *For the high value, the gain value is fixed to the default and is not adjusted.

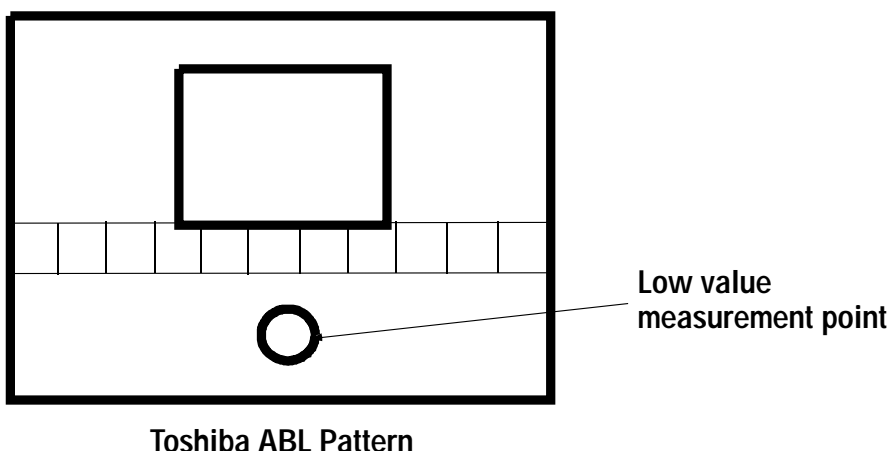


Table 4-2 Default Value

Mode	RF	DVD (480i/p)	DTV (720p/1080i)	PC
Red Gain	128(80)->Fix	128(80)->Fix	128(80)->Fix	128(80)->Fix
Green Gain	128(80)->Fix	128(80)->Fix	128(80)->Fix	128(80)->Fix
Blue Gain	134(86)->Fix	134(86)->Fix	134(86)->Fix	134(86)->Fix
Red Cutoff	133(85)->Adjust	133(85)->don't care	133(85)->don't care	133(85)->don't care
Green Cutoff	130(82)->Adjust	130(82)->don't care	130(82)->don't care	130(82)->don't care
Blue Cutoff	129(81)->Adjust	129(81)->don't care	129(81)->don't care	129(81)->don't care
Inverter	Fix	Fix	Fix	Fix
Gamma	ON	ON	ON	ON
Sub cont	7(07)->Fix	7(07)->Fix	7(07)->Fix	7(07)->Fix
Sub bright	165(A5)->Fix	165(A5)->Fix	165(A5)->Fix	165(A5)->Fix
PMM adc Rgain	don't care	don't care	don't care	don't care
PMM adc Ggain	don't care	don't care	don't care	don't care
PMM adc Bgain	don't care	don't care	don't care	don't care
PMM ptv pr gain	don't care	don't care	don't care	don't care
PMM ptv Y gain	don't care	don't care	don't care	don't care
PMM ptv pb gain	don't care	don't care	don't care	don't care
PC red cutoff	129(81)->don't care	129(81)->don't care	129(81)->don't care	129(81)->adjust
PC blue cutoff	129(81)->don't care	129(81)->don't care	129(81)->don't care	129(81)->adjust
9883 Rgain	128(80)->don't care	114(72)->Fix	115(73)->Fix	128(80)->don't care
9883 Ggain	95(5F)->don't care	109(6D)->Fix	109(6D)->Fix	95(5F)->don't care
9883 Bgain	128(80)->don't care	118(76)->Fix	112(70)->Fix	128(80)->don't care
9883 Rcutoff	128(80)->don't care	118(76)->Adjust	123(7B)->Adjust	128(80)->don't care
9883 Gcutoff	149(95)->don't care	157(9D)->Adjust	159(9F)->Adjust	149(95)->don't care
9883 Bcutoff	125(7d)->don't care	121(79)->Adjust	128(80)->Adjust	125(7d)->don't care
MP sub color	44(2C)->Fix	32(20)->Fix	don't care	don't care
PIP sub color	32(20)->Fix	don't care	37(25)->Fix	don't care
MP Sub TINT	1 (01)->Fix	1 (01)->Fix	1 (01)->Fix	1 (01)->Fix
PIP Sub TINT	1 (01)->Fix	1 (01)->Fix	1 (01)->Fix	1 (01)->Fix
PPMM sharpness	32 (20)->Fix	32 (20)->Fix	32 (20)->Fix	32 (20)->Fix
DNie sharpness	32 (20)->Fix	32 (20)->Fix	32 (20)->Fix	32 (20)->Fix
DNie NR	129(81)->Fix	129(81)->Fix	129(81)->Fix	129(81)->Fix
video recall				

4-3 SUB Menu 2 (Panel Adjustment)

You can adjust the brightness of the panel lamps and the woofer sound output.

	Default	Adjustment	Remark
ANA Dimming	208 (d0)	FIX	You can alter the brightness by adjusting the lamp operating current. *The life of the lamps is affected by adjustment,so fix the value at the default.
PWM Dimming	255 (ff)	FIX	You can adjust the brightness by adjusting the lamp operating PWM. *The life of the lamps is affected by adjustment,so fix the value at the default.
SW Fiter	220 Hz	FIX	Adjusts the woofer output frequency characteristics. Allows the woofer output up to 220 Hz.

Bus Sotp

	Default	Adjustment	Remark
ANA Dimming	208 (d0)	FIX	If set to on,12C communication will stop. As it is an option for developers,do not change the value. The default is restored when power is off.

4-4 SUB Menu 3 (Option)

You can add or delete Options.

	Default	Adjustment	Remark
Inch	32" or 40"	FIX	For separating MICOM by panel size.It is set to suit the set size.
V-chip	Off	FIX	For implementing the V-chip function in models for the US area. It is fixed to off for domestic models.
Auto power	On	FIX	For setting auto power in the event that the external power source is turned on/off. The default value is on.
Panel	Panel 0	FIX	For allowing different default values of video adjust for different panels, since the optical characteristics of panels may vary depending on the supplier. Panel 0 : Samsung AMLCD panel Others : None
DNle Demo	Off	FIX	For demonstrating the DNle function

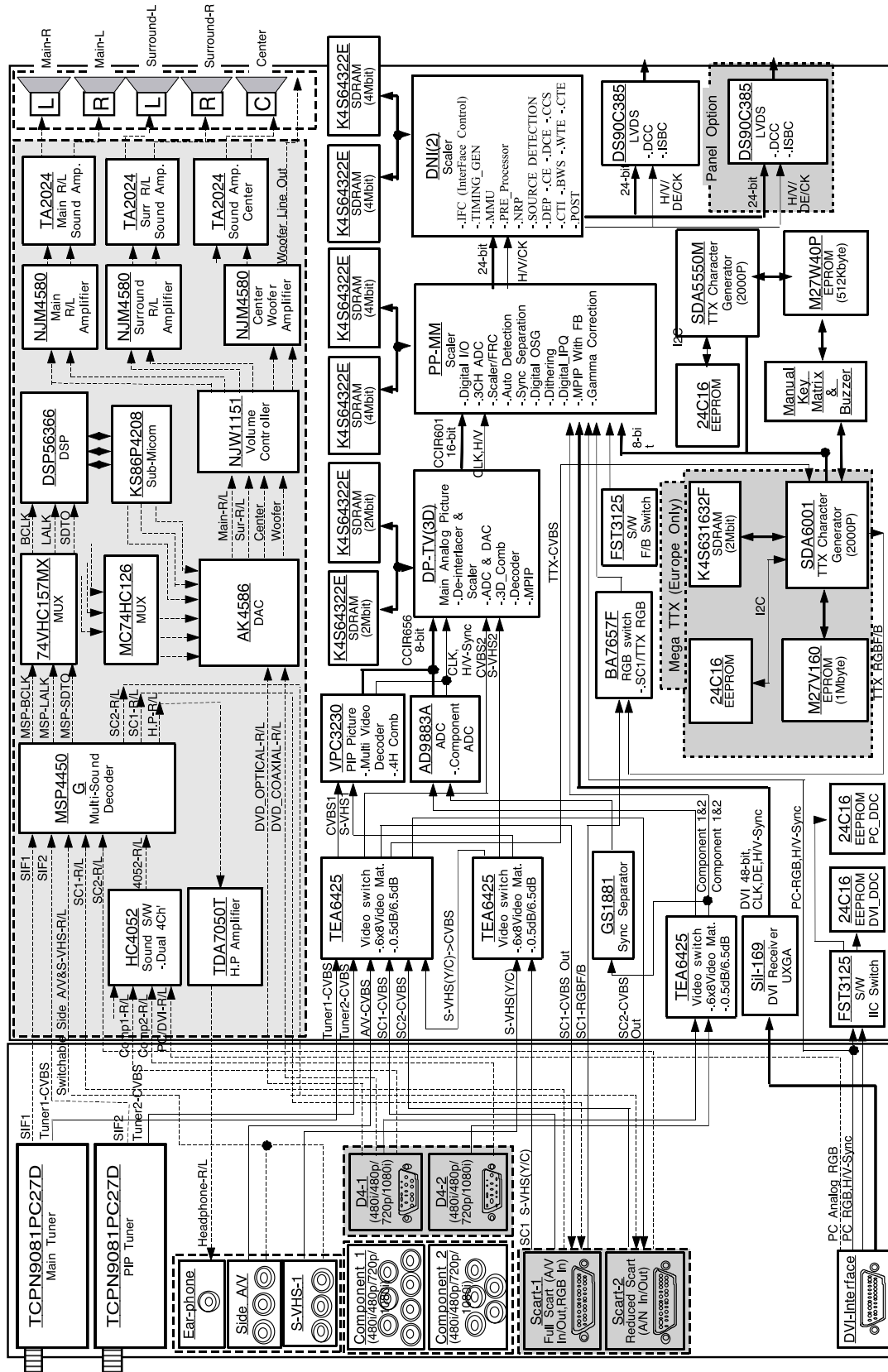
***Do not change the fixed values without good reason .**

Checksum	xxxx	Displays the current CheckSum size of the MICOM. (Varies depending on program update)
Reset		Initializes the data in the MICOM. (Set to default value) The values set in factory mode remain unchanged.
LCD ON Time	0Hr	Displays the panel running hours. It is reset (0Hr) at the factory or when the MICOM is replaced .
04/02 T-VENUSN01-093		Displays the MICOM program version.

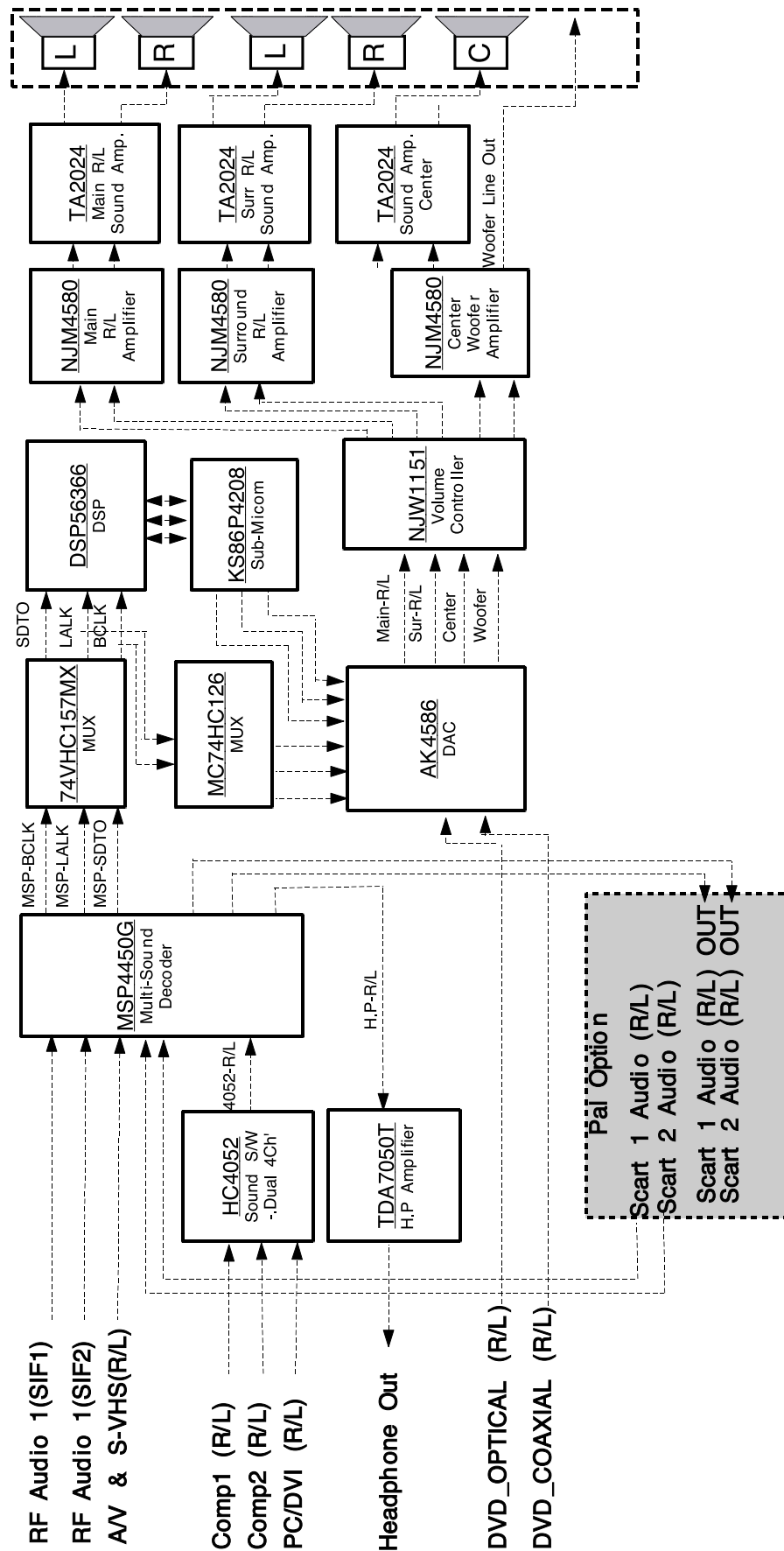
Memo

8 Block Diagram

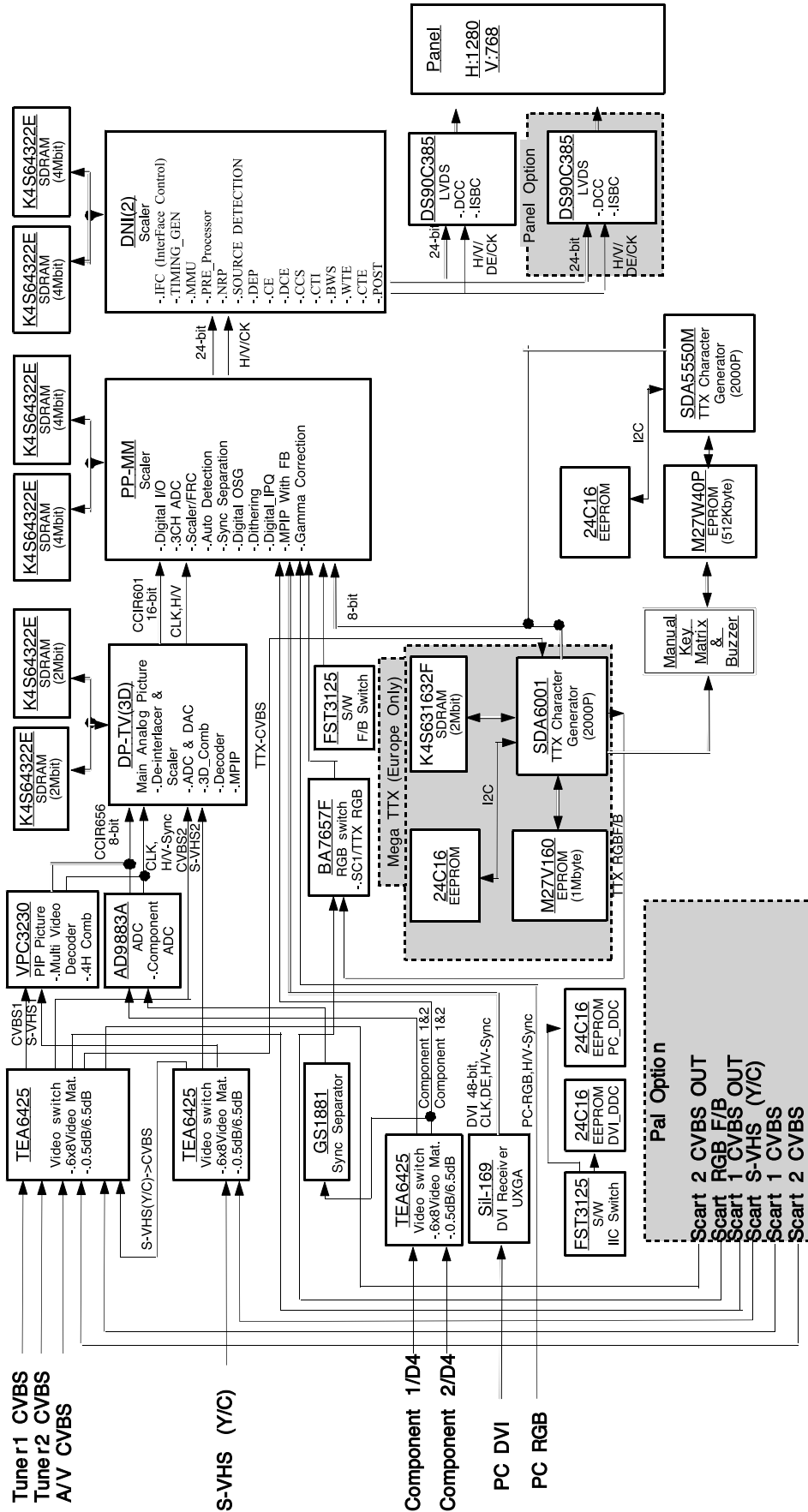
8-1-1 Worldwide Full Multi-System Block diagram



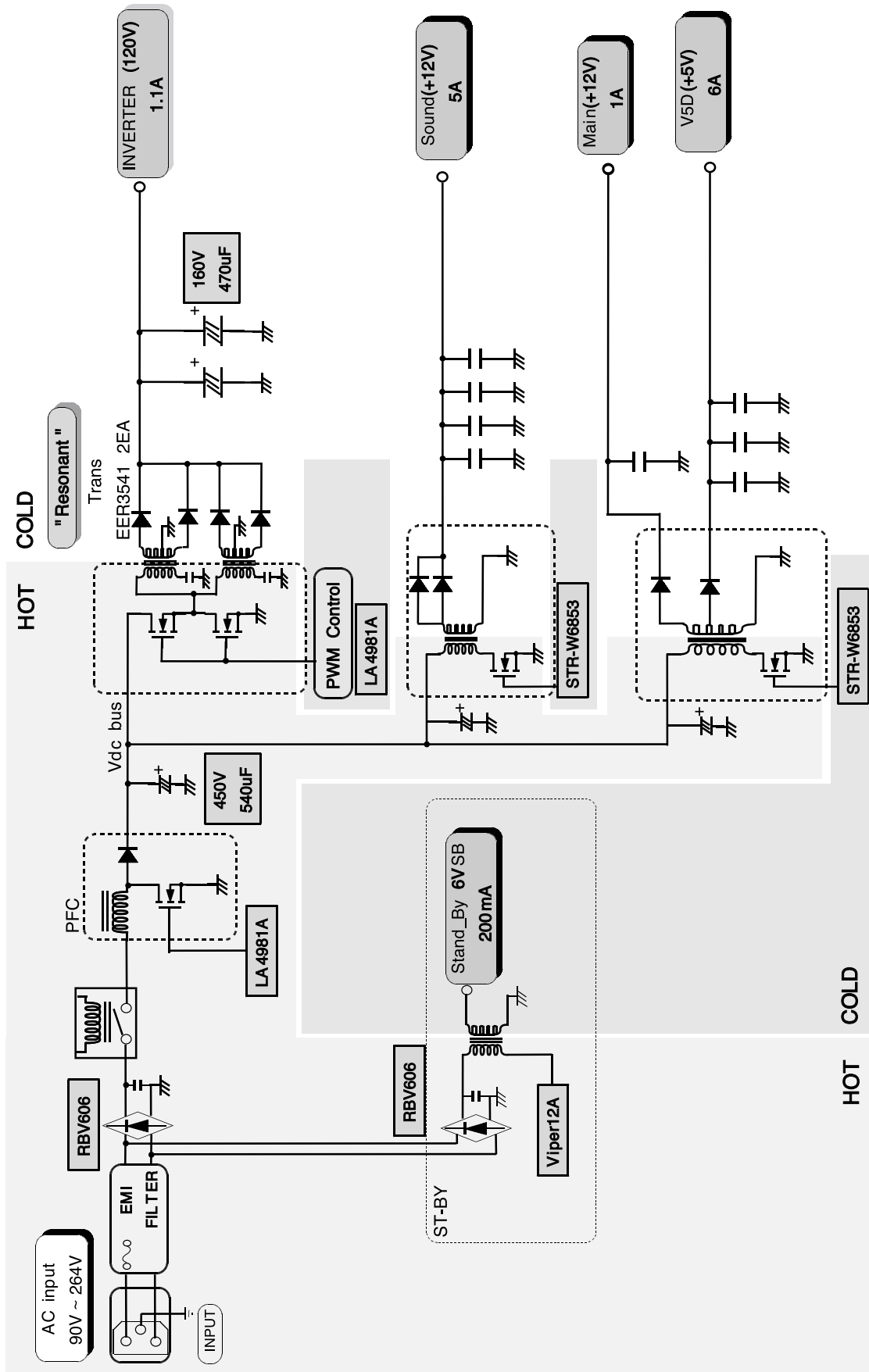
8-1-2 Sound Block diagram



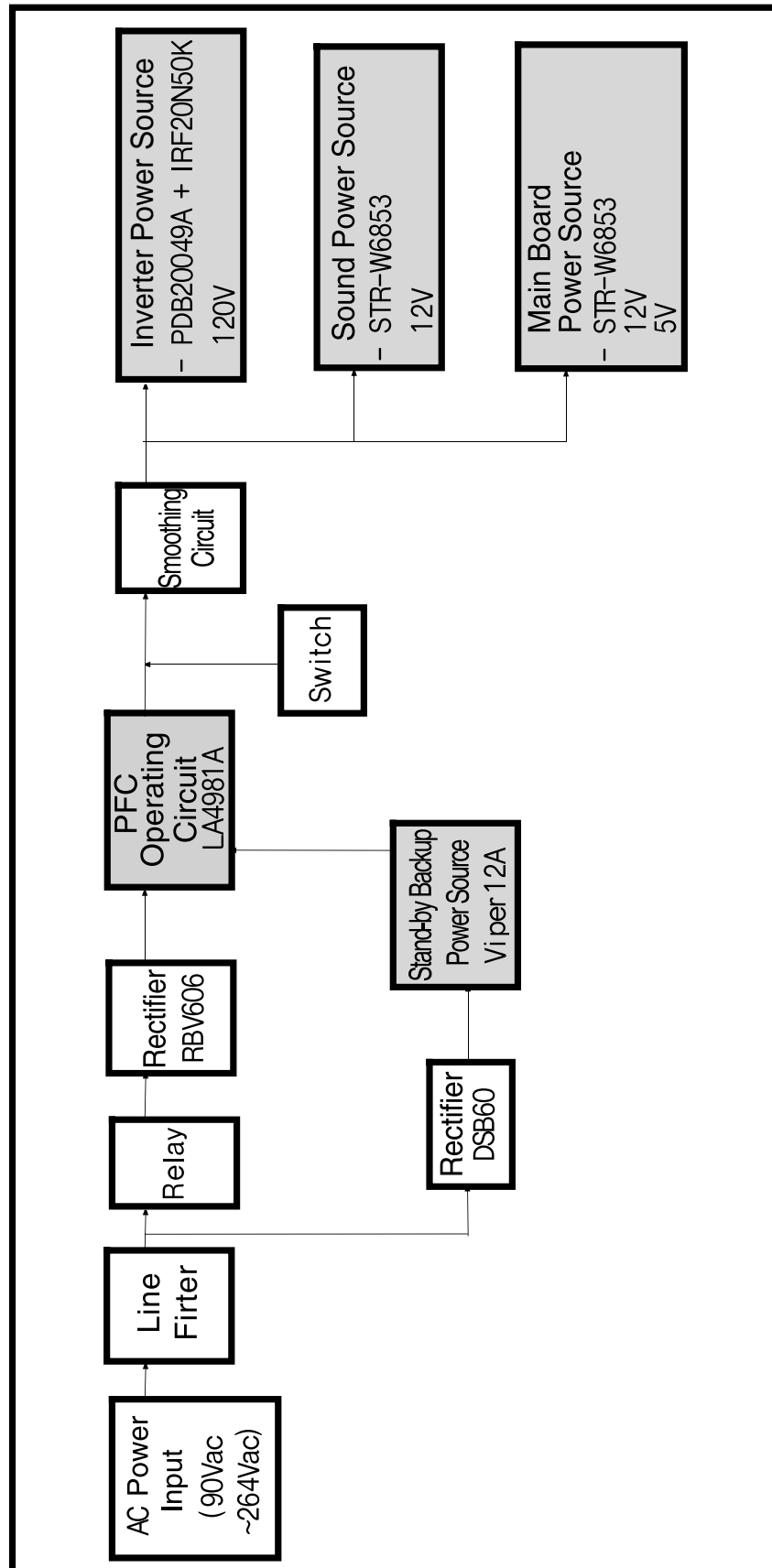
8-1-3 Video Block diagram



8-1-4 Power Block diagram

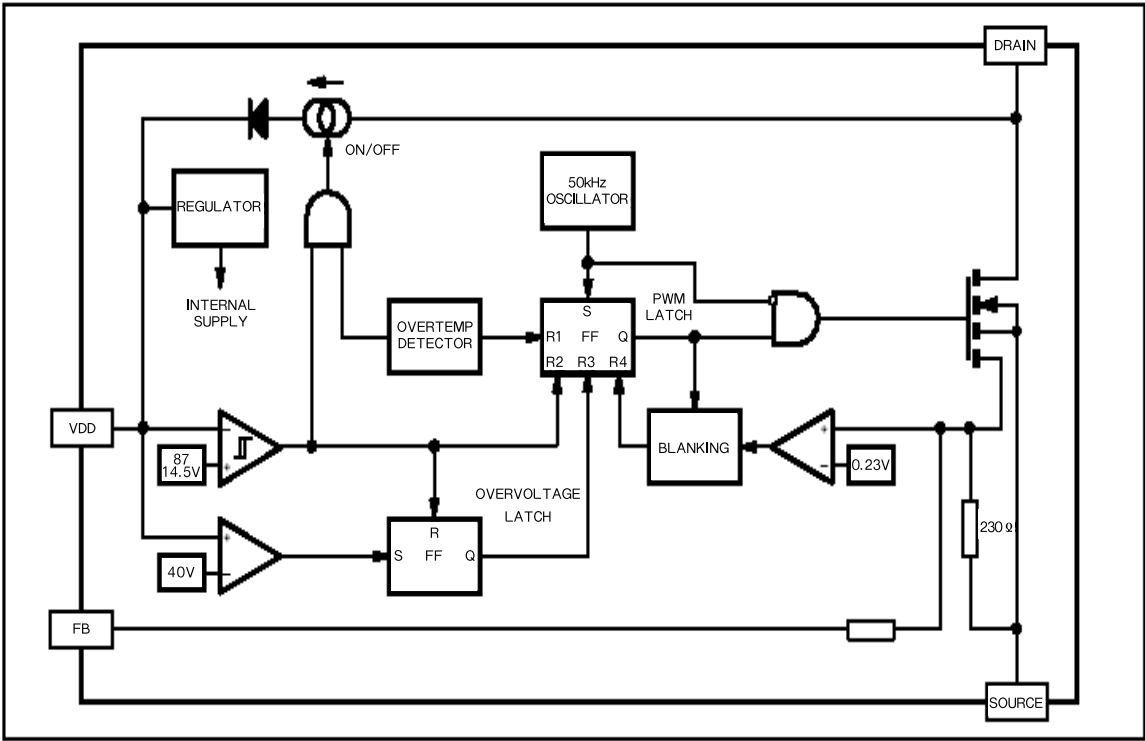


8-2 LCD-TV 32", 40" Power Block diagram



8-3 Backup Power Source

8-3-1 Viper 12A Block Diagram



8-3-2 Pin Functions

Name	function
VDD	For supplying power to the control circuit,dividing the charged current of the high-voltage current source connected to the drain during startup,and comparing VDD voltage hysteresis. Divided into two threshold voltages VDDon to start switching and to disconnect the startup current source (normally 14.5V), and VDDoff to stop switching and to operate the startup current source (normally 8V)
SOURCE	Power MOSFET source and the circuit reference ground (GND)
DRAIN	Power MOSFET drain.Also used during startup as the internal high-voltage current source until the external VDD capacitor is charged.
FB	Feedback input.Operating voltage range of 0V ~1V.Determined by the maximum MOSFET current value. The current limit in due consideration of the maximum drain current is included in the FB pin that is connected to the source pin.

8-4 PFC Circuit

8-4-1 Operating Principles

As the stand-by power circuit starts oscillating, the control IC of the PFC circuit (L4981) is applied with V_{cc} and starts oscillating. The oscillation frequency is determined by the resistance (RP824) connected to 17Pin and the condenser (CP816) connected to 18Pin. For regulation, the output voltage is divided by resistors and monitored by 14Pin. The 4Pin voltage, which is entered after dividing this voltage and the AC voltage by resistors, is calculated in the IC and the command value of the main FET is prepared. Therefore, the output voltage is controlled by the voltage determined by the dividing resistors, and the input current has the same waveform (sine wave) as the AC voltage, producing a power factor of almost 100%.

8-4-2 Protections

1. Overvoltage

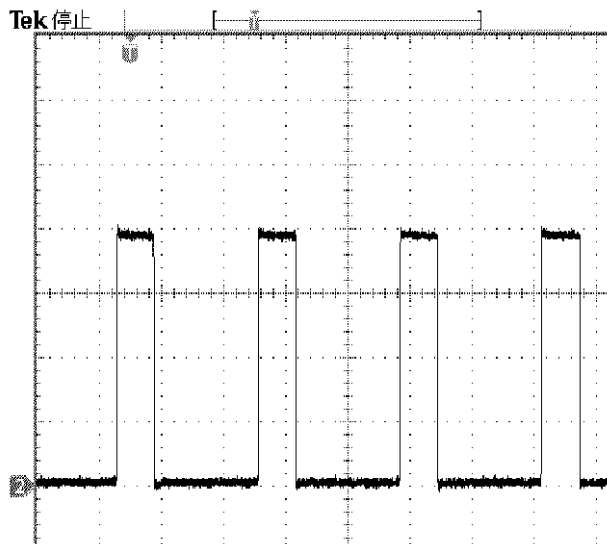
The circuit has an overvoltage protection function of the voltage limit type. In the event of a sudden interruption of the input, of overshooting [overload?] during a sudden change of load, or non-control status, this function protects the circuit by narrowing the ON width of the FET and preventing the voltage from rising above the overvoltage setting. The overvoltage can be set with RP834, RP835, RP836 and RP840. (The power source is set to approximately 385V)

2. Overcurrent

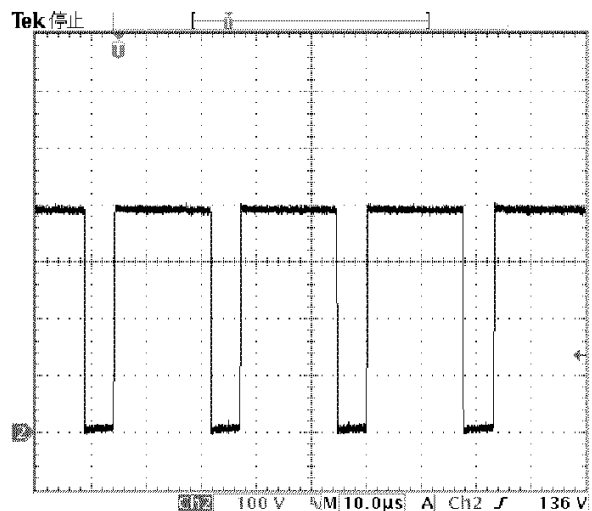
The current is converted into the voltage value through RP831 and RP832, and monitored by 2 Pin and 8 Pin of the control IC. If the voltage of the detecting resistor rises above the set value due to an increase in current, the pulse width is narrowed to limit the output.

3. Thermal Shutdown

Although the IC has a thermal shutdown function, a thermistor (TH) is installed on the heat-radiating fin of the main FET and the circuit is stopped if overheated by overload, etc.



FET VDS Waveform (Input of 100V)



FET VDS Waveform (Input of 230V)

8-5 Resonance Circuit (Power Source for Inverter)

8-5-1 Operating Principles

Explains the circuit of the power source for the inverter. With the operation of the MULTI block, a voltage is generated in the ancillary windings (4-5Pin) of T804S and is applied to 1 Pin (Vcc terminal) of the resonance circuit to start oscillation. High side FET (Q4) and low side FET (Q5) are turned on alternately, delivering energy to the secondary circuit. For voltage regulation, the output voltage is divided along resistors and monitored by the transistor (QI809), and the photo coupler (PC801S) is turned on or off. If the output voltage rises, PC801S is turned on and draws current from 13 Pin of the resonance circuit. The switching frequency then increases, reducing the charge period of the resonance condenser (CI811) and thereby limiting the output voltage. On the other hand, if the output voltage decreases, no current is drawn from 13 Pin of the resonance circuit and the switching frequency decreases, extending the charge period of the resonance condenser and thereby raising the output voltage.

8-5-2 Protections

1. Overvoltage

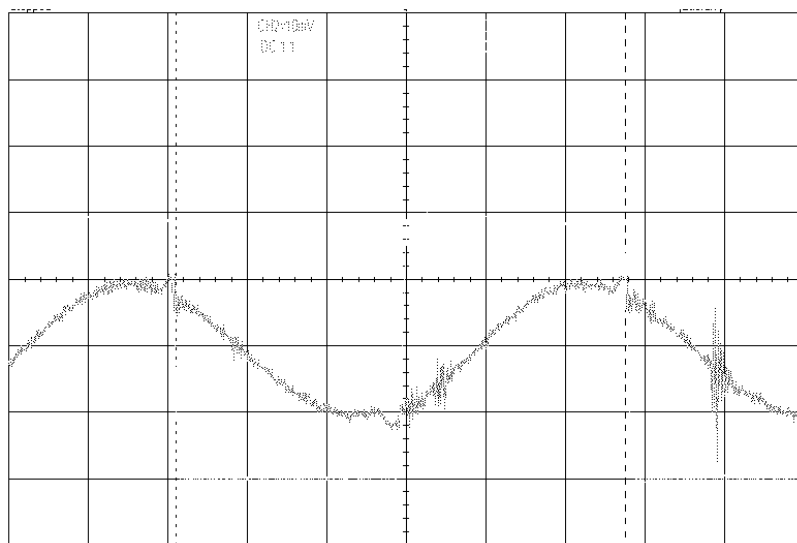
The output voltage is divided along the resistors and monitored by QI810. If the output voltage rises, the QI810 voltage also rises, which triggers QO810 to turn PC802S on. This will increase the voltage at 5 Pin of the resonance IC, which stops oscillation in the latch mode.

2. Overcurrent

The current flowing in the resonance condenser (CI811) is divided through CI808, converted into voltage at the resistors (RI809, RI816) and is monitored by 3 Pin of the resonance IC. If the output current rises, the current in the primary winding wire also rises, which triggers the voltage at 3 Pin of the IC to rise as well. If the voltage exceeds the set value, the pulse width is narrowed to limit the current.

3. Thermal Shutdown

The resonance IC has a built-in thermal shutdown function and stops oscillation at over 125 °C



FET VDS Waveform of the resonance circuit

8-6 Main Board Supply & Sound Exclusive IC of STR-W6853

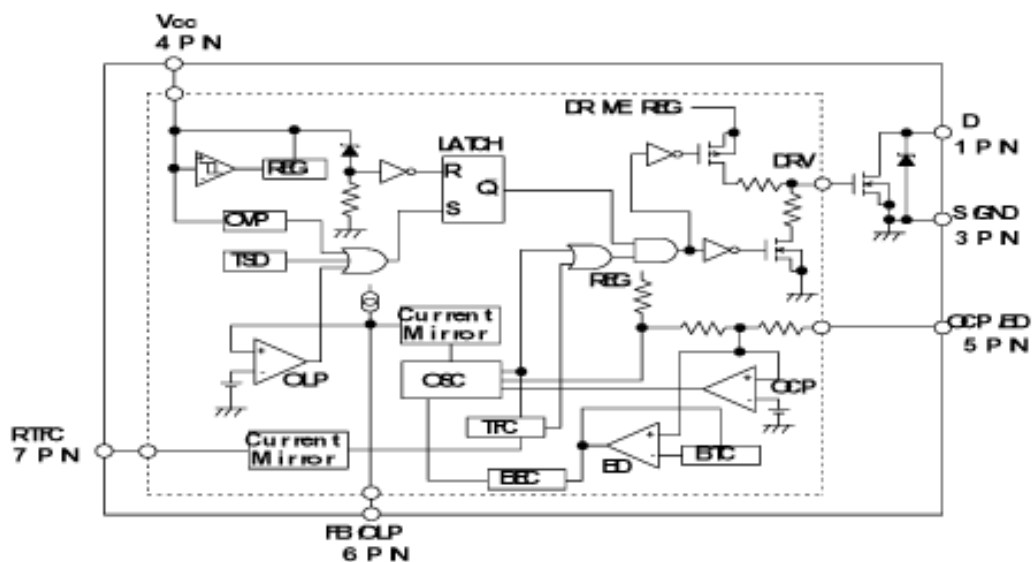
8-6-1 Outlines

1. A new 7 Pin package has been developed from the existing 5 Pin package. High-power MOSFET is embedded in a small package to save space.
2. The distance between the pins of MOSFET drain & source has been widened to 1.8mm where high voltage is applied, allowing the loading of high anti-pressure MOSFET.
3. The operation mode changes in 3 stages according to the load applied, and saves power consumption. TFC, MBS, and pseudo-oscillation are available.

8-6-2 Features

1. Improvement of power efficiency through automatic conversion of operation modes the controlling MIC part saves power consumption through a BCD processor. W6800 series changes the operation mode in 3 stages according to the load applied and saves power consumption.
 - 1) Pseudo-oscillation under load
 - 2) If MBS (Multi, Bottom, Skip) frequency exceeds 70 kHz under medium or small loads, the bottom is skipped while bottom, ON is maintained.
 - 3) If TFC (Time, Fix, Control) operation extends the ON time forcibly under St-By load, the OFF time is controlled to lower the oscillating frequency. In the event of compulsory ON, control by external resistors is possible.
2. Major Features
 - 1) Embedded overcurrent protection (OCP) of pulse by pulse
 - 2) Embedded overload protection (OLP) of latch shut down.
 - 3) Embedded thermal shutdown function.
 - 4) Embedded overvoltage protection for input voltage
 - 5) Adjustable frequency for TFC operation

8-7 Block Diagram



8-7-1 Terminal Functions

Terminal Number	Symbol	Name and Functions
1	D	MOSFET Drain terminal
2	NC	Not Connect
3	S/GND	MOSFET Source / Ground terminal
4	Vcc	Control circuit power input terminal
5	OCD/BD	Overcurrent detection signal input terminal / Bottom detection signal input terminal
6	FB/OLP	Voltage control signal input terminal / Overload protection detection terminal
7	RTFC	Fixed ON time adjustment terminal

8-7-2 Other Functions

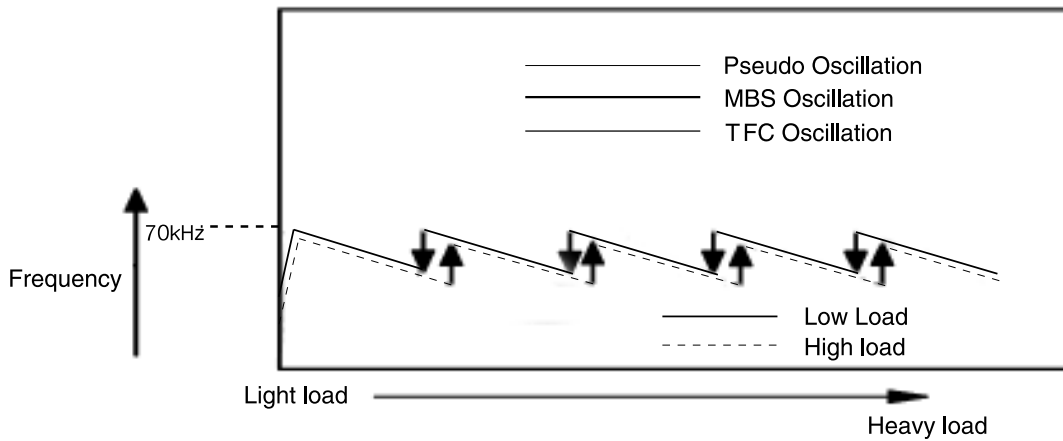
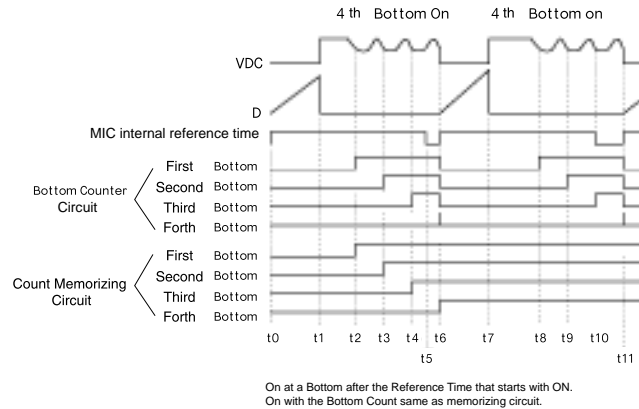
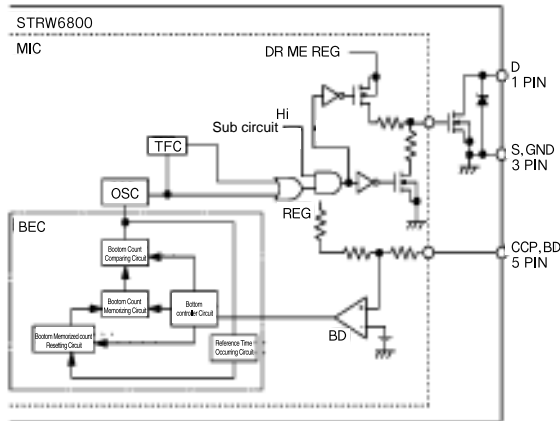
Symbol	Functions
TSD	Thermal Shutdown Circuit
OVP	Overvoltage circuit

8-8 Operation of W6853

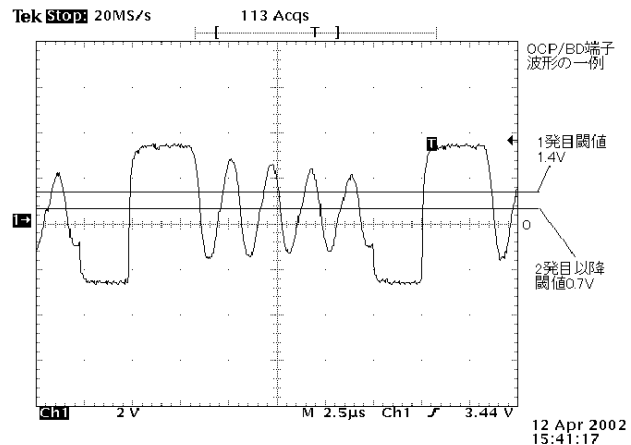
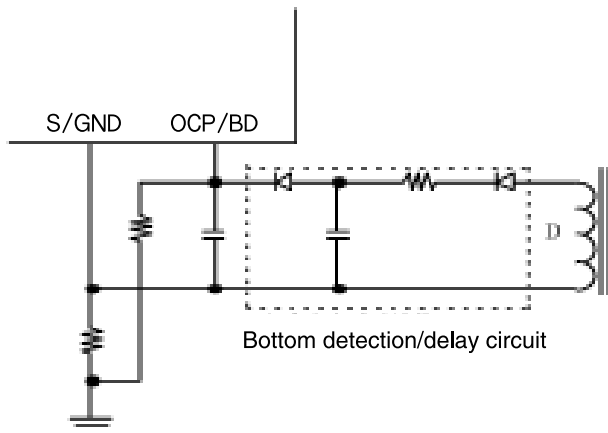
8-8-1 Outlines

1. MBS : Multi bottom skip (medium load area)

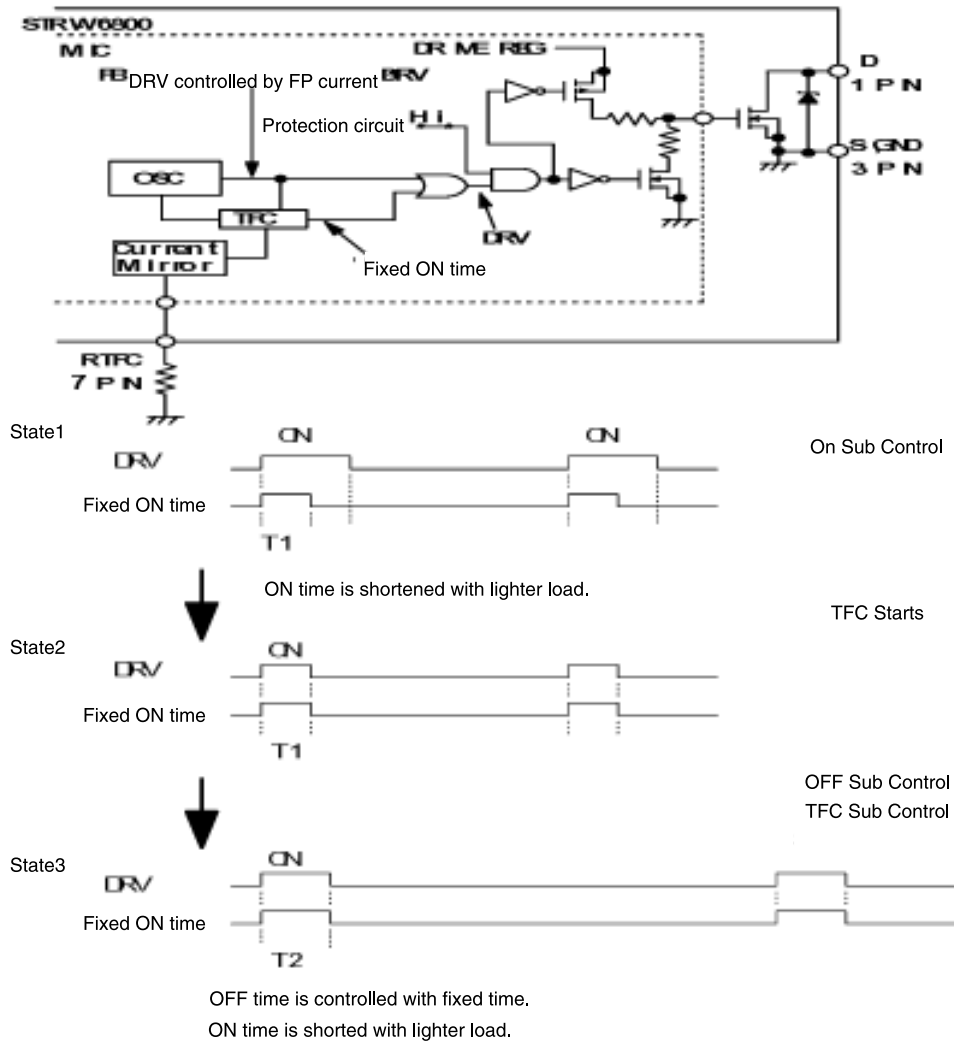
The circuit has the PWM reference time $T=14\mu\text{s}$, 70 kHz internally and is designed to turn on at a bottom less than $14\mu\text{s}$.



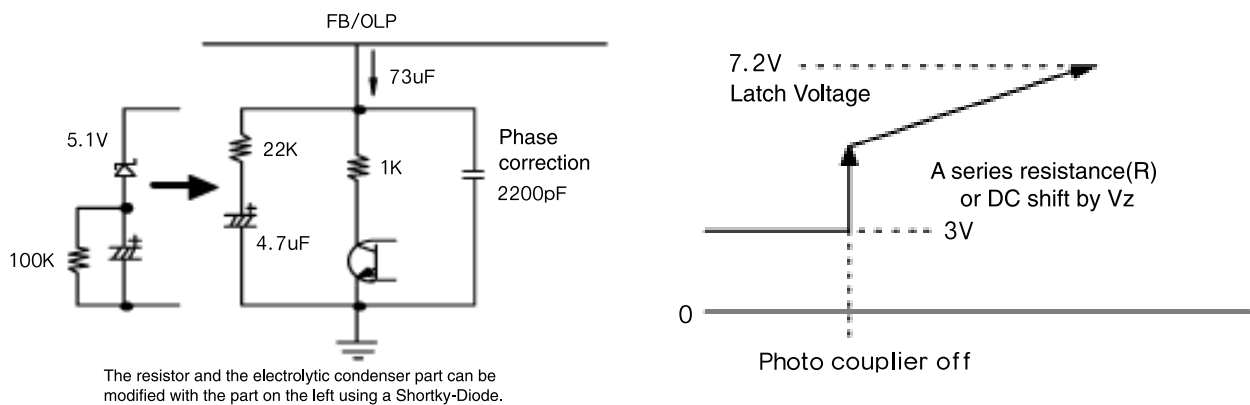
Note : MBS operations should not be counted in the overload, overcurrent area. (Bottom is not extended)
If the overload condition continues, OLP will be triggered to shut down the operation. Normally, it is not counted during startup, and if the down edge is detected only once after a count of 2, it is considered abnormal and the oscillation is stopped.



2. TFC : Time fix controller (Lighter load area during stand-by) TFC operation forcibly outputs to DRV an ON time (T2) that is longer than the fixed Ton (T1) inside the MIC to control the OFF time for stabilizing the output voltage. If MBS operation under light load moves toward the light load area again, the MBS operation is released at Ton=350 us and shifted to the TFS operation.



3. OLP

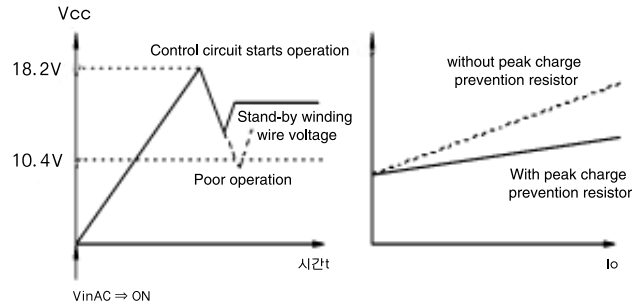
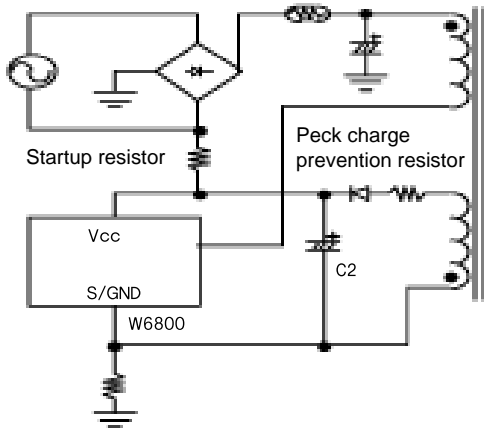


4. Vcc Terminal, Startup Circuit

Startup is performed by the startup resistor and the condenser between Vcc and S/GND.

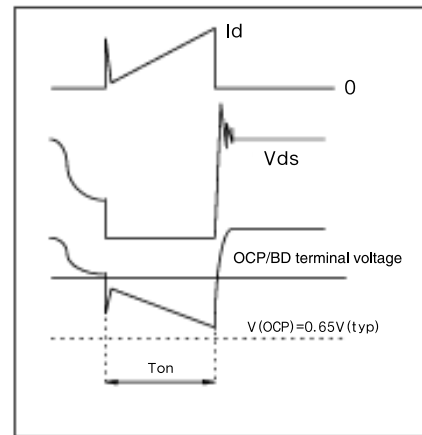
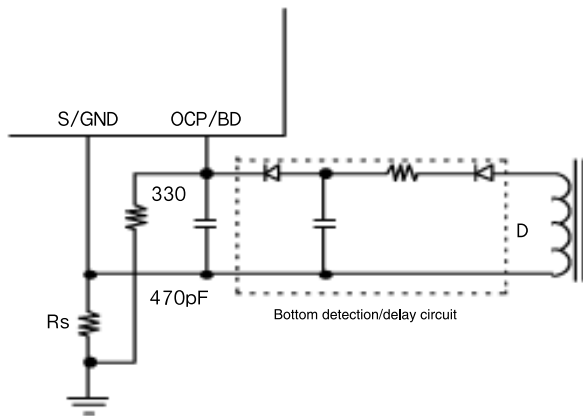
The startup voltage, Vcc is 18.2V (typ) and starts the circuit by charging C2 from the startup resistor.

After startup, operation continues with power supplied from the transistor drive winding wire.

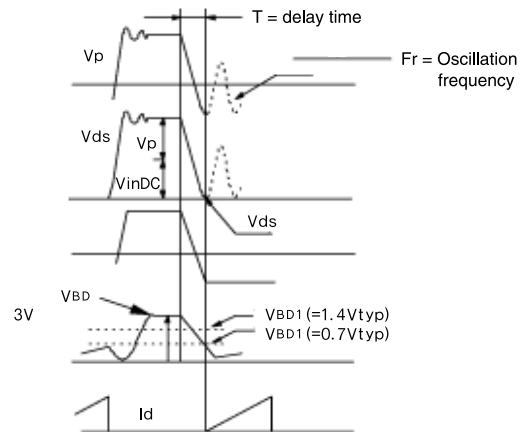
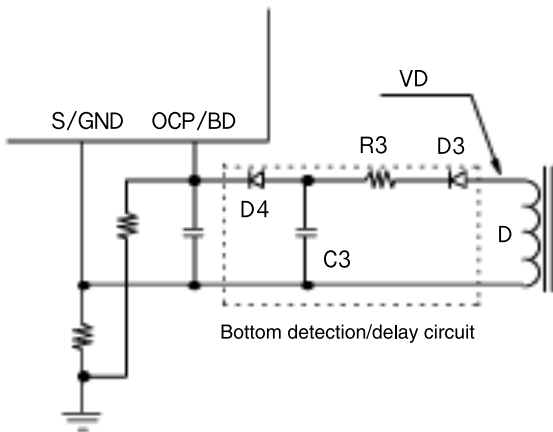


(Near the drive winding wire and stand-by power source; Startup of Vcc)

5. OCP / OLP

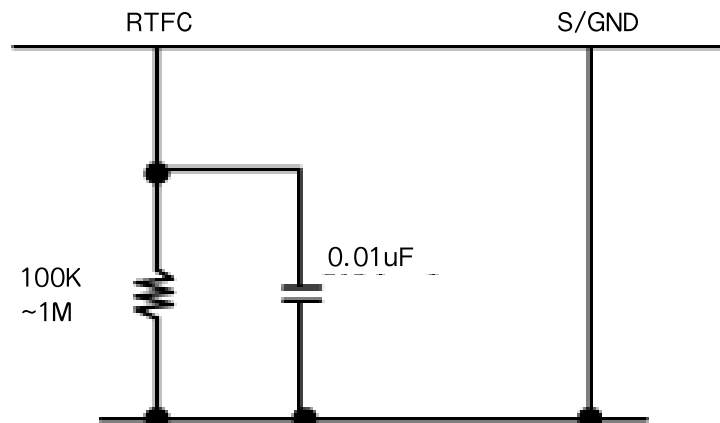


From the transistor design, under medium load with only one bottom left, it is possible for Id to exceed 50% of the normal pseudo oscillation duty. In particular, if there is still a bottom under the maximum load at VinAC (Min), confirming the condition is required. The following is an explanation of the pseudo oscillation signal input of the OCP/BD terminal.

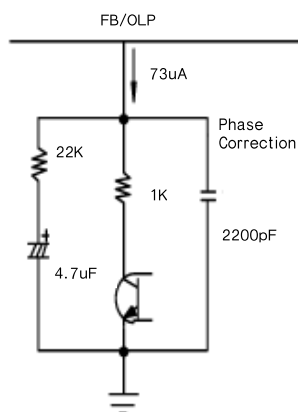


6. RTFC Terminal

Adjustment should be performed while checking the actual operation in the range of 100k to 1 M. During an IC examination, you may sometimes find minimum oscillating frequency at the RTFC resistor, but as the secondary circuit performs feedback control, I_d determined by t_{on} at RTFC shows changes in the peak value due to the primary inductance L_p of the transistor and the winding ratio. If the load consumed by the secondary circuit is constant, the peak value of I_d increases and the frequency decreases as L_p becomes smaller and the t_{on} setting becomes larger.



7. Phase Correction



When you have an unusual type of secondary feedback circuit and load specifications, if the phase correction of the error amp on the secondary circuit is not sufficient, due to the capacity of the smoothing input condenser being too small and the ripple voltage being too high, you can get a good result by adding a condenser between the FB/OLP terminal of W6800 and S/GND. The FB/OLP terminal is fitted with latch delay CR. If R is small, it may improve the shift start during startup, but may also cause extreme delay. Therefore, care should be taken to avoid excessive response in changing the loads.

3 Disassembly and Reassembly

This section of the service manual describes the disassembly and reassembly procedures for the LTN325W/LTN406W 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.



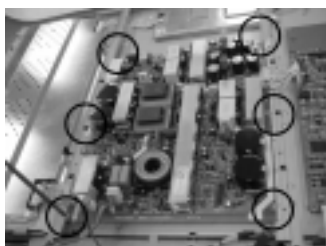
1. Remove 10 screws holding the rear cover.



2. Remove the stand from LCD-TV and pull the rear cover away.



3. Remove 13 screws from shield and I/O board.



4. Remove 14 screws from shield and power board.



5. Remove board ribbon connector.
(see illustrations)



6. Remove power connector and remove 3 screws from the main board.



7. Remove connectors from the main board. (see illustrations)



8. Remove tuner cable and remove 4 screws from the I/O board. (see illustrations)



9. Remove connectors. (see illustrations)



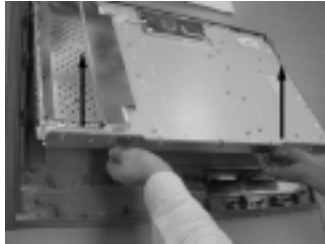
10. Remove 4 screws from the sub power board and remove 2 screws from the function board.



11. Remove connectors. (see illustrations)



12. Remove 4 screws from the BRKT and remove 10 screws from the panel.



13. Remove the shield panel.

3-2 Reassembly

Reassembly procedures are in the reverse order of disassembly procedures.

7 Electrical Parts List

✳ You can search for updated part codes through CMS web site.

URL : <http://ecms.samsungelectronics.com/>

7-1-1 LTN325W Main PCB Parts

Loc. No.	Code No.	Description	Specification	Remarks
-	BN94-00442D	ASSY PCB MAIN-E4	VN32UO	SNA
CIS1	0202-001044	SOLDER-WIRE.	S63S-W3.0,S63S,D3,63Sn/37Pb,-	SNA
CIS13	3809-001465	CABLE-FLAT	60V,30C,80MM,30P,1MM,UL2064	SNA
CIS14	3809-001464	CABLE-FLAT	60V,30C,80MM,24P,1MM,UL2062	SNA
CIS15	BN41-00306A	FPC	VENUS,POLYIMIDE,30,0.08mm	SNA
CIS16	BN39-00390A	CBF IF	VENUS,1P,1365#26,24mm,BLACK,UCA-AG-058	SNA
CIS17	AA39-30007A	CBF IF	-,T,100mm,1365#26	
CIS2	0202-001222	SOLDER-WIRE FLUX	RS-107,RS60-1.2AA,D1.2,SN60/PB40,-	SNA
CIS3	0204-001677	FLUX	DF-201TVS,MIX,0.820,FLUX 13%,G	SNA
CIS30	0201-001096	ADHESIVE-HM	#3748,YEL,8500CPS,-	SNA
CIS4	0204-001095	THINNER	#4520,-,-,-	SNA
CN125	BN40-00006A	TUNER	TCLN9081PC27S,TCLN9081PC27S,45.75MHZ,33V,75 OHM,PHONE(2EA),5V,ST	
CN126	BN40-00007A	TUNER	TCPN9081PC27D,TCPN9081PC27D,45.75MHZ,33V,75 OHM,PHONE,5V,ST	
CN800	3711-004121	CONNECTOR-HEADER	BOX,14P,1R,2mm,ANGLE,SN	SNA
D800	0403-000327	DIODE-ZENER	UZ15BSA,15V,13.48-14.09V,500mW	
D801	0403-000367	DIODE-ZENER	UZ7.5BSC,7.5V,7.33-7.64V,500mW	
-	BN97-00206A	ASSY SMD-S1	VENUS,,,	SNA
MICOM	BN97-00210Z	ASSY MICOM	VN40UO	SNA
CIS	BN82-00100B	A/S MICOM	VN32UO	SNA
CIS	BN82-00100D	A/S MICOM-SUB	VN32UO	SNA
IC901_OTP	1102-001129	IC-EPROM	M27W401,512KX8BIT,PLCC,32P,11.35X13.89MM,80NS,3.3V,10%,PLASTIC,-40TO+85C,-,CMOS,	
IC902_OTP	0903-001323	IC-MICROCONTROLLER	S3P863A (PLCC TYPE),384BIT,PLCC,44P,-,12MHZ,ST,-,PLASTIC,5.5V,-,-25TO+85C,1040BY	
-	BN94-00443N	ASSY PCB POWER-E4/S1	CK40PS	SNA
C1816	2401-003876	C-AL	470UF,20%,160V,GP,BK,35°ø20MM,10	
C1817	2401-003876	C-AL	470UF,20%,160V,GP,BK,35°ø20MM,10	
CIS	0201-001059	ADHESIVE-SIL	#9590,WHT,-,CARTRIGE	SNA
CIS	0201-001096	ADHESIVE-HM	#3748,YEL,8500CPS,-	SNA
CIS	0202-000008	SOLDER-WIRE	S63S-W3.0,S63S,D3,63Sn/37Pb,-	SNA
CIS	0202-000187	SOLDER-WIRE FLUX	-,RS60S,D1.2,63Sn/37Pb	SNA
CIS	0204-000442	SOLVENT	1M-1000,C3H7OH,96,-	SNA
CIS	0204-001527	FLUX	DF-201TVS,MIX,0.820,FLUX 13%, 14KG	SNA
CM818	2401-003872	C-AL	2200UF,20%,25V,LZ,TP,18X20MM,7.5	
CNI801	3711-004122	CONNECTOR-HEADER	BOX,14P,1R,2mm,STRAIGHT,SN	SNA
CNM801	3711-004122	CONNECTOR-HEADER	BOX,14P,1R,2mm,STRAIGHT,SN	SNA
CNP801	3711-002855	CONNECTOR-HEADER	BOX,2P,1R,7.92mm,STRAIGHT,SN	
CNP803	3711-003043	CONNECTOR-HEADER	BOX,4P,1R,2.5MM,STRAIGHT,SN,IVR	
CP823	2401-003873	C-AL	120UF,20%,450V,WT,BK,35°ø20MM,10	
CP824	2401-003873	C-AL	120UF,20%,450V,WT,BK,35°ø20MM,10	
CP825	2306-000321	C-FILM,MPPF	470NF,5%,275V,TP,-,22.5	
CS816	2401-003872	C-AL	2200UF,20%,25V,LZ,TP,18X20MM,7.5	
CY801S	2201-002026	C-CERAMIC,DISC	1NF,20%,400V,Y5P,TP,11X6MM,7.5	
CY802S	2201-002026	C-CERAMIC,DISC	1NF,20%,400V,Y5P,TP,11X6MM,7.5	
DM805	0402-000250	DIODE-RECTIFIER	RG4C,1000V,1A,-	
DP803	0402-000562	DIODE-RECTIFIER	UF5406,600V,3A,DO-201AD,BK	
DS805	0402-000250	DIODE-RECTIFIER	RG4C,1000V,1A,-	
IC802S	1203-002828	IC-PWM CONTROLLER	4981,DIP,20P,25.4X7.1MM,PLASTIC,-0.3/8.5V,-,-40TO+125C,2A,4.97/5.23V,ST	
LM803	BN27-00014A	COIL CHOKE	10uH, 0.02ohm, 14.5T,10uH,+/-10%,DR 12*5 C:6.0,14.5T,PF2736,,,0.02 ohm,12 25,,,B	SNA
LM804	BN27-00014A	COIL CHOKE	10uH, 0.02ohm, 14.5T,10uH,+/-10%,DR 12*5 C:6.0,14.5T,PF2736,,,0.02 ohm,12 25,,,B	SNA
LP801	BN27-00013A	COIL CHOKE-PFC	T 40 x15 x24,1.1mH,+/-10%,CH400125,78T,PF 2736,,,0.08 ohm,40 x15 x24,,,BK	SNA
LP805	BN27-00015A	COIL CHOKE	VD063,COIL-CHOKE,80uH,+/-10%,0.010ohm,OR18x6x10H,12T,25X26X13mm,4,1.8mm,BK,-20Ct	SNA

Loc. No.	Code No.	Description	Specification	Remarks
LP806	BN27-00015A	COIL CHOKE	VD063,COIL-CHOKE,80uH,+/-10%,0.010ohm,OR18x6X10H,12T,25X26X13mm,4,1.8mm,BK,-20Ct	SNA
LS803	BN27-00014A	COIL CHOKE	10uH, 0.02ohm, 14.5T,10uH,+/-10%,DR 12°5 C:6.0,14.5T,PF2736,,,0.02 ohm,12 75,,,B	SNA
NT801S	1404-001195	THERMISTOR-NTC	5.1ohm,15%,2900,27mW/C,BK	
NT802S	1404-001195	THERMISTOR-NTC	5.1ohm,15%,2900,27mW/C,BK	
PC801S	0604-001038	PHOTO-COUPLER	TR,130-260%,200mW,DIP-4,ST	
PC802S	0604-001038	PHOTO-COUPLER	TR,130-260%,200mW,DIP-4,ST	
PC803S	0604-001038	PHOTO-COUPLER	TR,130-260%,200mW,DIP-4,ST	
PC804S	0604-001038	PHOTO-COUPLER	TR,130-260%,200mW,DIP-4,ST	
T801S	BN26-00005A	TRANS-INVERTER	EER 3543,LCD TV,16PIN,1mH,400V,1A,1.45mH,120V,2A,0.300ohm,,PL-5/PM5,ER-3543,130u	SNA
T802S	BN26-00005A	TRANS-INVERTER	EER 3543,LCD TV,16PIN,1mH,400V,1A,1.45mH,120V,2A,0.300ohm,,PL-5/PM5,ER-3543,130u	SNA
T803S	BN26-00006A	TRANS-MULTI	EER 3019,LCD TV,10PIN,1mH,400V,1A,32uH,5V/12V,6A/2A,0.400ohm,,PL-7/PM7,ER-3019,2	SNA
T804S	BN26-00006A	TRANS-MULTI	EER 3019,LCD TV,10PIN,1mH,400V,1A,32uH,5V/12V,6A/2A,0.400ohm,,PL-7/PM7,ER-3019,2	SNA
T805S	BN26-00007A	TRANS-SOUND	EER 3019,LCD TV,10PIN,500uH,400V,1A,135uH,13V,5A,0.400ohm,,PL-7/PM7,EER 3019,20u	SNA
T806S	BN26-00007A	TRANS-SOUND	EER 3019,LCD TV,10PIN,500uH,400V,1A,135uH,13V,5A,0.400ohm,,PL-7/PM7,EER 3019,20u	SNA
IC803S	BN96-00324A	ASSY BOARD P	PDB20049A M,CONTROLLER ASS'Y	
-	BN97-00207N	ASSY AUTO-POWER	CK40PS	SNA
CI801	2301-001396	C-FILM,MPEF	100nF,10%,630V,TP,18x6.5x13mm,7.5	
CI802	2305-000289	C-FILM,MPEF	220nF,5%,63V,TP,-,5mm	
CI803	2305-000289	C-FILM,MPEF	220nF,5%,63V,TP,-,5mm	
CI804	2305-000289	C-FILM,MPEF	220nF,5%,63V,TP,-,5mm	
CI805	2201-000132	C-CERAMIC,DISC	0.1nF,10%,500V,Y5P,TP,6.5X3MM,5	
CI806	2201-000132	C-CERAMIC,DISC	0.1nF,10%,500V,Y5P,TP,6.5X3MM,5	
CI807	2301-001396	C-FILM,MPEF	100nF,10%,630V,TP,18x6.5x13mm,7.5	
CI808	2201-000930	C-CERAMIC,DISC	0.22nF,10%,500V,Y5P,TP,5.5X3MM,5	
CI809	2201-000132	C-CERAMIC,DISC	0.1nF,10%,500V,Y5P,TP,6.5X3MM,5	
CI811	2301-001216	C-FILM,PPF	47nF,5%,630V,TP,20x14.5x22,7.5	
CI812	2401-000302	C-AL	100uF,20%,25V,GP,TP,6.3x11,5	
CI813	2305-000665	C-FILM,MPEF	100nF,5%,63V,TP,7.5x4.0x5.0mm,	
CI815	2305-000411	C-FILM,MPEF	470nF,5%,50V,TP,7.3x4.8x5.5mm,	
CI818	2401-000569	C-AL	1uF,20%,250V,GP,TP,6.3x11,5	
CI819	2305-000704	C-FILM,MPEF	100nF,5%,250V,TP,16.5x10.3x5.7	
CI820	2305-000704	C-FILM,MPEF	100nF,5%,250V,TP,16.5x10.3x5.7	
CI821	2401-001340	C-AL	0.47UF,20%,50V,WT,TP,5X11,5	
CI823	2305-000704	C-FILM,MPEF	100nF,5%,250V,TP,16.5x10.3x5.7	
CM801	2401-000480	C-AL	10uF,20%,50V,GP,TP,5x11,5	
CM802	2401-000962	C-AL	22uF,20%,50V,GP,TP,5x11,5	
CM803	2301-000192	C-FILM,PEF	1nF,5%,50V,TP,5.3x10mm,5mm	
CM804	2301-000445	C-FILM,PEF	4.7nF,5%,50V,TP,5.5x7x3mm,5mm	
CM805	2401-000480	C-AL	10uF,20%,50V,GP,TP,5x11,5	
CM806	2202-000263	C-CERAMIC,MLC-AXIAL	470pF,10%,50V,Y5P,TP,3.5x19,-	
CM807	2202-000263	C-CERAMIC,MLC-AXIAL	470pF,10%,50V,Y5P,TP,3.5x19,-	
CM808	2301-000356	C-FILM,PEF	47nF,5%,50V,TP,7.5x4.0x6.5,5mm	
CM809	2303-000122	PEF CAPACITOR	10nF,5%,630V,TP,19x12.5mm,7.5m	
CM810	2201-000012	C-CERAMIC,DISC	0.22nF,10%,1KV,Y5P,TP,6.3X5MM,5	
CM811	2201-000012	C-CERAMIC,DISC	0.22nF,10%,1KV,Y5P,TP,6.3X5MM,5	
CM812	2306-000122	C-FILM,MPFF	100nF,5%,50V,TP,7.3x4.0x5.0mm,	
CM813	2401-001192	C-AL	33uF,20%,50V,GP,TP,6.3x11,5	
CM814	2201-000556	C-CERAMIC,DISC	0.47nF,10%,500V,Y5P,TP,5.5X3MM,5	
CM815	2201-000556	C-CERAMIC,DISC	0.47nF,10%,500V,Y5P,TP,5.5X3MM,5	
CM816	2201-000556	C-CERAMIC,DISC	0.47nF,10%,500V,Y5P,TP,5.5X3MM,5	
CM817	2201-000556	C-CERAMIC,DISC	0.47nF,10%,500V,Y5P,TP,5.5X3MM,5	
CM819	2401-003875	C-AL	2200UF,20%,16V,LZ,TP,16X20MM,7.5	
CM820	2401-003875	C-AL	2200UF,20%,16V,LZ,TP,16X20MM,7.5	
CM822	2401-003874	C-AL	1000UF,20%,25V,LZ,TP,12.5X20MM,5	
CM823	2401-003874	C-AL	1000UF,20%,25V,LZ,TP,12.5X20MM,5	
CM824	2301-000224	C-FILM,PEF	22nF,5%,50V,TP,7.4x3.9x13mm,5m	

Loc. No.	Code No.	Description	Specification	Remarks
CM825	2201-000375	C-CERAMIC,DISC	0.22NF,5%,50V,RH,TP,12.5X3.5MM,5	
CM826	2306-000122	C-FILM,MPPF	100nF,5%,50V,TP,7.3x4.0x5.0mm,	
CM827	2306-000122	C-FILM,MPPF	100nF,5%,50V,TP,7.3x4.0x5.0mm,	
CM828	2305-000289	C-FILM,MPEF	220nF,5%,63V,TP,-,5mm	
CP801	2201-000315	C-CERAMIC,DISC	2.2NF,+80-20%,250V,Y5U,TP,10X6MM,7.5	
CP802	2201-000315	C-CERAMIC,DISC	2.2NF,+80-20%,250V,Y5U,TP,10X6MM,7.5	
CP804	2303-000331	C-FILM,PPF	4.7nF,5%,630V,TP,19.5x12x7,7.5	
CP806	2303-000122	PEF CAPACITOR	10nF,5%,630V,TP,19x12.5mm,7.5m	
CP807	2201-000129	C-CERAMIC,DISC	0.1NF,10%,1KV,Y5P,TP,7X4MM,5	
CP808	2401-000603	C-AL	1UF,20%,50V,GP,TP,5X11,2	
CP809	2401-002300	C-AL	47uF,20%,50V,GP,TP,6.3x11,5	
CP810	2305-000285	C-FILM,MPEF	220NF,5%,100V,TP,10.5X5.5X15MM,5	
CP811	2305-000289	C-FILM,MPEF	220nF,5%,63V,TP,-,5mm	
CP812	2201-000375	C-CERAMIC,DISC	0.22NF,5%,50V,RH,TP,12.5X3.5MM,5	
CP814	2401-002619	C-AL	47uF,20%,25V,GP,TP,5x11,5	
CP815	2305-000411	C-FILM,MPEF	470nF,5%,50V,TP,7.3x4.8x5.5mm,	
CP816	2301-000192	C-FILM,PEF	1nF,5%,50V,TP,5.3x10mm,5mm	
CP817	2201-000961	C-CERAMIC,DISC	0.01NF,0.5PF,50V,RH,TP,4X3.5MM,5	
CP818	2305-000665	C-FILM,MPEF	100nF,5%,63V,TP,7.5x4.0x5.0mm,	
CP819	2301-000342	C-FILM,PEF	2.2nF,5%,50V,TP,7.4x3.9x13mm,5	
CP820	2401-000603	C-AL	1UF,20%,50V,GP,TP,5X11,2	
CP822	2401-000480	C-AL	10uF,20%,50V,GP,TP,5x11,5	
CP826	2201-002026	C-CERAMIC,DISC	1NF,20%,400V,Y5P,TP,11X6MM,7.5	
CP827	2201-002026	C-CERAMIC,DISC	1NF,20%,400V,Y5P,TP,11X6MM,7.5	
CP828	2201-002026	C-CERAMIC,DISC	1NF,20%,400V,Y5P,TP,11X6MM,7.5	
CS802	2301-001396	C-FILM,MPEF	100nF,10%,630V,TP,18x6.5x13mm,7.5	
CS803	2401-000480	C-AL	10uF,20%,50V,GP,TP,5x11,5	
CS804	2401-000962	C-AL	22uF,20%,50V,GP,TP,5x11,5	
CS805	2301-000445	C-FILM,PEF	4.7nF,5%,50V,TP,5.5x7x3mm,5mm	
CS806	2301-000192	C-FILM,PEF	1nF,5%,50V,TP,5.3x10mm,5mm	
CS807	2401-000962	C-AL	22uF,20%,50V,GP,TP,5x11,5	
CS808	2202-000263	C-CERAMIC,MLC-AXIAL	470pF,10%,50V,Y5P,TP,3.5x19,-	
CS809	2202-000263	C-CERAMIC,MLC-AXIAL	470pF,10%,50V,Y5P,TP,3.5x19,-	
CS810	2301-000356	C-FILM,PEF	47nF,5%,50V,TP,7.5x4.0x6.5,5mm	
CS811	2303-000122	PEF CAPACITOR	10nF,5%,630V,TP,19x12.5mm,7.5m	
CS812	2201-000012	C-CERAMIC,DISC	0.22NF,10%,1KV,Y5P,TP,6.3X5MM,5	
CS813	2201-000012	C-CERAMIC,DISC	0.22NF,10%,1KV,Y5P,TP,6.3X5MM,5	
CS814	2201-000556	C-CERAMIC,DISC	0.47NF,10%,500V,Y5P,TP,5.5X3MM,5	
CS815	2201-000556	C-CERAMIC,DISC	0.47NF,10%,500V,Y5P,TP,5.5X3MM,5	
CS817	2401-003872	C-AL	2200UF,20%,25V,LZ,TP,18X20MM,7.5	
CS818	2401-003872	C-AL	2200UF,20%,25V,LZ,TP,18X20MM,7.5	
CS819	2305-000411	C-FILM,MPEF	470nF,5%,50V,TP,7.3x4.8x5.5mm,	
CS820	2201-000375	C-CERAMIC,DISC	0.22NF,5%,50V,RH,TP,12.5X3.5MM,5	
CS821	2306-000122	C-FILM,MPPF	100nF,5%,50V,TP,7.3x4.0x5.0mm,	
CS822	2305-000289	C-FILM,MPEF	220nF,5%,63V,TP,-,5mm	
DI805	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	
DI806	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	
DI807	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
DI808	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	
DI809	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
DI810	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
DM801	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	
DM802	0402-000222	DIODE-RECTIFIER	EU1Z,200V,250mA,DO-41,TP	
DM803	0402-000222	DIODE-RECTIFIER	EU1Z,200V,250mA,DO-41,TP	
DM804	0402-000222	DIODE-RECTIFIER	EU1Z,200V,250mA,DO-41,TP	
DM806	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	
DP801	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
DP802	0402-000540	DIODE-RECTIFIER	RU20A,600V,1.5A,-,TP	

Loc. No.	Code No.	Description	Specification	Remarks
DP804	0404-001207	DIODE-SCHOTTKY	SB140,40V,1000MA,DO-41,TP	SNA
DP805	0404-001207	DIODE-SCHOTTKY	SB140,40V,1000MA,DO-41,TP	SNA
DP806	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	
DS801	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	
DS802	0402-000222	DIODE-RECTIFIER	EU1Z,200V,250mA,DO-41,TP	
DS803	0402-000222	DIODE-RECTIFIER	EU1Z,200V,250mA,DO-41,TP	
DS804	0402-000222	DIODE-RECTIFIER	EU1Z,200V,250mA,DO-41,TP	
FD801S	3601-001064	FUSE-AXIAL LEAD	125V,4A,FAST-ACTING,GLASS,2.4x7.5mm	
FD802S	3601-001064	FUSE-AXIAL LEAD	125V,4A,FAST-ACTING,GLASS,2.4x7.5mm	
FD803S	3601-001064	FUSE-AXIAL LEAD	125V,4A,FAST-ACTING,GLASS,2.4x7.5mm	
LM801	3301-001223	CORE-FERRITE BEAD	AA,62ohm,3.5x0.8x5mm,-,TP,HF30,-	
LP802	3301-001667	CORE-FERRITE BEAD	AA,300HM,3.5X0.62X7,1000MA,TP,FERRITE,00HM	SNA
LP803	3301-001667	CORE-FERRITE BEAD	AA,300HM,3.5X0.62X7,1000MA,TP,FERRITE,00HM	SNA
LP804	3301-001667	CORE-FERRITE BEAD	AA,300HM,3.5X0.62X7,1000MA,TP,FERRITE,00HM	SNA
LS801	3301-001223	CORE-FERRITE BEAD	AA,62ohm,3.5x0.8x5mm,-,TP,HF30,-	
MP1.0	BN41-00256A	PCB-MAIN	,FR-4,2L,A,1.6T,245X330,1A,245X285,MC-HOLE	
QI801	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400mW,TO-92,TP,120-240	
QI802	0501-000283	TR-SMALL SIGNAL	KSA539,PNP,400mW,TO-92,TP,120-240	
QI804	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400mW,TO-92,TP,120-240	
QI805	0501-000283	TR-SMALL SIGNAL	KSA539,PNP,400mW,TO-92,TP,120-240	
QI807	0501-000369	TR-SMALL SIGNAL	KSC2331-Y,NPN,1000mW,TO-92L,TP,120-240	
QI809	0501-000366	TR-SMALL SIGNAL	KSC2330-Y,NPN,1W,TO-92L,-,70-1	
QI810	0501-000366	TR-SMALL SIGNAL	KSC2330-Y,NPN,1W,TO-92L,-,70-1	
QI811	0501-000138	TR-SMALL SIGNAL	2N5401,PNP,625mW,TO-92,TP,60-240	
QM801	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400mW,TO-92,TP,120-240	
QM813	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400mW,TO-92,TP,120-240	
QP801	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400mW,TO-92,TP,120-240	
QP802	0501-000369	TR-SMALL SIGNAL	KSC2331-Y,NPN,1000mW,TO-92L,TP,120-240	
QP803	0501-000283	TR-SMALL SIGNAL	KSA539,PNP,400mW,TO-92,TP,120-240	
QP804	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400mW,TO-92,TP,120-240	
RI801	2001-001096	R-CARBON(S)	2.20HM,5%,1/2W,AA,TP,2.4X6.4MM	
RI802	2001-001146	R-CARBON(S)	4.70HM,5%,1/2W,AA,TP,2.4X6.4MM	
RI803	2001-001120	R-CARBON(S)	3.30HM,5%,1/2W,AA,TP,2.4X6.4MM	
RI804	2001-000085	R-CARBON(S)	100KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RI805	2001-001096	R-CARBON(S)	2.20HM,5%,1/2W,AA,TP,2.4X6.4MM	
RI806	2003-001091	R-METAL OXIDE(S)	10ohm,5%,2W,AF,TP,4x12mm	
RI807	2001-000019	R-CARBON(S)	100HM,5%,1/2W,AA,TP,2.4X6.4MM	
RI808	2001-000020	R-CARBON(S)	220HM,5%,1/2W,AA,TP,2.4X6.4MM	
RI809	2001-001105	R-CARBON(S)	200HM,5%,1/2W,AA,TP,2.4X6.4MM	
RI810	2001-000085	R-CARBON(S)	100KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RI812	2001-001152	R-CARBON(S)	47KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RI816	2004-000268	R-METAL	120ohm,1%,1/4W,AA,TP,2.4x6.4mm	
RI818	2001-001099	R-CARBON(S)	2.7KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RI820	2001-000109	R-CARBON(S)	470OHM,5%,1/2W,AA,TP,2.4X6.4MM	
RI821	2003-002007	R-METAL OXIDE(S)	4.7Kohm,5%,2W,AF,TP,3.9x10mm	
RI822	2003-002007	R-METAL OXIDE(S)	4.7Kohm,5%,2W,AF,TP,3.9x10mm	
RI823	2001-000109	R-CARBON(S)	470OHM,5%,1/2W,AA,TP,2.4X6.4MM	
RI824	2001-001088	R-CARBON(S)	1KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RI825	2001-000066	R-CARBON(S)	10KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RI826	2004-001099	R-METAL	56Kohm,1%,1/4W,AA,TP,2.4x6.4mm	
RI827	2004-001099	R-METAL	56Kohm,1%,1/4W,AA,TP,2.4x6.4mm	
RI828	2003-001090	R-METAL OXIDE(S)	10Kohm,5%,2W,AF,TP,4x12mm	
RI829	2004-001406	R-METAL(S)	8.2Kohm,1%,1/2W,AA,TP,2.4x6.4mm	
RI830	2001-001108	R-CARBON(S)	22KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RI831	2001-001144	R-CARBON(S)	4.7KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RI832	2003-001090	R-METAL OXIDE(S)	10Kohm,5%,2W,AF,TP,4x12mm	
RI833	2001-000016	R-CARBON(S)	1OHM,5%,1/2W,AA,TP,2.4X6.4MM	
RI834	2009-000018	R-METAL PLATE	0.22ohm,10%,5W,CL,TP,5x14x18mm	

Loc. No.	Code No.	Description	Specification	Remarks
RI835	2001-000052	R-CARBON(S)	3.3KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RI836	2001-001152	R-CARBON(S)	47KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RI837	2001-001078	R-CARBON(S)	15KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RI838	2001-001078	R-CARBON(S)	15KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RI839	2004-002016	R-METAL(S)	15Kohm,1%,1/2W,AA,TP,2.5x6.5mm	
RM801	2001-001194	R-CARBON(S)	82KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RM802	2001-001194	R-CARBON(S)	82KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RM803	2001-001194	R-CARBON(S)	82KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RM804	2001-001103	R-CARBON(S)	20KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RM805	2001-001117	R-CARBON(S)	2KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RM806	2001-001129	R-CARBON(S)	330KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RM807	2001-001131	R-CARBON(S)	33KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RM808	2009-000022	R-METAL PLATE	0.47ohm,10%,5W,CL,TP,5x14x18mm	
RM809	2001-000037	R-CARBON(S)	330OHM,5%,1/2W,AA,TP,2.4X6.4MM	
RM810	2001-001097	R-CARBON(S)	2.4KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RM811	2001-001088	R-CARBON(S)	1KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RM812	2003-002186	R-METAL OXIDE(S)	22Kohm,5%,2W,AG,TP,3.9x12mm	
RM813	2003-002186	R-METAL OXIDE(S)	22Kohm,5%,2W,AG,TP,3.9x12mm	
RM814	2003-002186	R-METAL OXIDE(S)	22Kohm,5%,2W,AG,TP,3.9x12mm	
RM815	2001-001050	R-CARBON(S)	1.5KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RM816	2001-001088	R-CARBON(S)	1KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RM817	2001-001131	R-CARBON(S)	33KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RM818	2001-001093	R-CARBON(S)	2.2KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RM819	2001-001055	R-CARBON(S)	1.8KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RM820	2003-001023	R-METAL OXIDE(S)	120ohm,5%,2W,AF,TP,3.9x10mm	
RM821	2003-002071	R-METAL OXIDE	560ohm,5%,2W,AF,TP,3.9x10mm	
RM822	2008-001047	R-FUSIBLE(S)	68ohm,5%,2W,AF,TP,3.9x10mm	
RM823	2008-000206	R-FUSIBLE(S)	1ohm,5%,1/2W,AF,TP,2.5x6.5mm	
RM824	2001-001194	R-CARBON(S)	82KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RM825	2008-001047	R-FUSIBLE(S)	68ohm,5%,2W,AF,TP,3.9x10mm	
RP802	2003-001038	R-METAL OXIDE(S)	4.7ohm,5%,2W,AF,TP,3.9x10mm	
RP803	2009-001096	R-METAL PLATE	0.07ohm,5%,5W,CL,BK,5x14x18mm	
RP804	2003-002044	R-METAL OXIDE(S)	100ohm,5%,1W,AF,TP,2.5x6.5mm	
RP805	2009-001096	R-METAL PLATE	0.07ohm,5%,5W,CL,BK,5x14x18mm	
RP806	2001-001088	R-CARBON(S)	1KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP807	2001-001049	R-CARBON(S)	1.3KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP808	2001-001144	R-CARBON(S)	4.7KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP809	2001-001093	R-CARBON(S)	2.2KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP810	2001-001161	R-CARBON(S)	560KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP811	2001-001161	R-CARBON(S)	560KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP814	2001-001191	R-CARBON(S)	820KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP815	2001-001191	R-CARBON(S)	820KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP816	2001-001150	R-CARBON(S)	470KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP817	2001-001131	R-CARBON(S)	33KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP818	2001-000019	R-CARBON(S)	100HM,5%,1/2W,AA,TP,2.4X6.4MM	
RP819	2001-000019	R-CARBON(S)	100HM,5%,1/2W,AA,TP,2.4X6.4MM	
RP820	2001-001099	R-CARBON(S)	2.7KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP821	2001-000085	R-CARBON(S)	100KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP822	2001-000022	R-CARBON(S)	330HM,5%,1/2W,AA,TP,2.4X6.4MM	
RP823	2001-000022	R-CARBON(S)	330HM,5%,1/2W,AA,TP,2.4X6.4MM	
RP824	2004-001099	R-METAL	56Kohm,1%,1/4W,AA,TP,2.4x6.4mm	
RP825	2001-001150	R-CARBON(S)	470KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP826	2001-001078	R-CARBON(S)	15KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP827	2001-001179	R-CARBON(S)	68KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP828	2001-000107	R-CARBON(S)	150KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP829	2001-000022	R-CARBON(S)	330HM,5%,1/2W,AA,TP,2.4X6.4MM	
RP830	2001-001099	R-CARBON(S)	2.7KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP831	2001-001146	R-CARBON(S)	4.7OHM,5%,1/2W,AA,TP,2.4X6.4MM	

Loc. No.	Code No.	Description	Specification	Remarks
RP832	2001-001163	R-CARBON(S)	560OHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP833	2001-001154	R-CARBON(S)	5.1KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP834	2004-002018	R-METAL(S)	220Kohm,1%,1/2W,AA,TP,2.4x6.4m	
RP835	2004-002018	R-METAL(S)	220Kohm,1%,1/2W,AA,TP,2.4x6.4m	
RP836	2004-002018	R-METAL(S)	220Kohm,1%,1/2W,AA,TP,2.4x6.4m	
RP837	2004-001395	R-METAL(S)	330Kohm,2%,1/2W,AA,TP,2.4x6.4m	
RP838	2004-000643	R-METAL	270Kohm,1%,1/4W,AA,TP,2.4x6.4m	
RP839	2004-000643	R-METAL	270Kohm,1%,1/4W,AA,TP,2.4x6.4m	
RP840	2004-004015	R-METAL(S)	9.1Kohm,1%,1/2W,AA,TP,2.5x6.5m	
RP841	2004-000216	R-METAL	10Kohm,1%,1/4W,AA,TP,2.4x6.4mm	
RP843	2003-002239	R-METAL OXIDE(S)	100KOHM,5%,2W,AF,TP,3.9X10MM	
RP844	2003-002239	R-METAL OXIDE(S)	100KOHM,5%,2W,AF,TP,3.9X10MM	
RP845	2003-002239	R-METAL OXIDE(S)	100KOHM,5%,2W,AF,TP,3.9X10MM	
RP846	2008-000261	R-FUSIBLE(S)	150ohm,5%,1W,AF,TP,3.9x10mm	
RS801	2001-001194	R-CARBON(S)	82KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RS802	2001-001194	R-CARBON(S)	82KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RS803	2001-001194	R-CARBON(S)	82KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RS804	2001-001103	R-CARBON(S)	20KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RS805	2001-001117	R-CARBON(S)	2KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RS806	2001-001129	R-CARBON(S)	330KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RS807	2009-001012	R-METAL PLATE	0.27OHM,10%,5W,CL,TP,5X14X18MM	
RS808	2001-001131	R-CARBON(S)	33KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RS809	2001-000037	R-CARBON(S)	330OHM,5%,1/2W,AA,TP,2.4X6.4MM	
RS810	2001-001097	R-CARBON(S)	2.4KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RS811	2001-001088	R-CARBON(S)	1KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RS812	2003-002186	R-METAL OXIDE(S)	22Kohm,5%,2W,AG,TP,3.9x12mm	
RS813	2003-002186	R-METAL OXIDE(S)	22Kohm,5%,2W,AG,TP,3.9x12mm	
RS814	2003-002186	R-METAL OXIDE(S)	22Kohm,5%,2W,AG,TP,3.9x12mm	
RS815	2001-001050	R-CARBON(S)	1.5KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RS816	2001-001088	R-CARBON(S)	1KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RS817	2001-001131	R-CARBON(S)	33KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RS818	2004-000216	R-METAL	10Kohm,1%,1/4W,AA,TP,2.4x6.4mm	
RS819	2004-001983	R-METAL(S)	2.49Kohm,1%,1/2W,AA,TP,2.4x6.4	
RS820	2003-002071	R-METAL OXIDE	560ohm,5%,2W,AF,TP,3.9x10mm	
RS821	2008-000206	R-FUSIBLE(S)	1ohm,5%,1/2W,AF,TP,2.5x6.5mm	
RS822	2001-001194	R-CARBON(S)	82KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RY801S	2002-001012	R-COMPOSITION	8.2Mohm,5%,1/2W,AA,TP,3.7x9mm	
VRM801	2103-000670	VR-SEMI	1Kohm,25%,1/5W,TOP	
ZDI801	0403-001328	DIODE-ZENER	MTZJ22A,20.15-21.20V,500mW,DO-34,TP	
ZDI803	0403-000718	DIODE-ZENER	MTZJ6.8B,6.8V,6.49-6.83V,500mW	
ZDI804	0403-001330	DIODE-ZENER	MTZJ30A,26.99-28.39V,500mW,DO-34,TP	
ZDI805	0403-001330	DIODE-ZENER	MTZJ30A,26.99-28.39V,500mW,DO-34,TP	
ZDI806	0403-001330	DIODE-ZENER	MTZJ30A,26.99-28.39V,500mW,DO-34,TP	
ZDI807	0403-001330	DIODE-ZENER	MTZJ30A,26.99-28.39V,500mW,DO-34,TP	
ZDI808	0403-000510	DIODE-ZENER	MTZJ6.2B,6.2V,5.96-6.27V,500mW	
ZDI809	0403-000348	DIODE-ZENER	UZ36B,36V,33-39V,500mW,DO-35,T	
ZDM801	0403-001327	DIODE-ZENER	MTZJ18A,16.22-17.06V,500mW,DO-34,TP	
ZDM802	0403-001328	DIODE-ZENER	MTZJ22A,20.15-21.20V,500mW,DO-34,TP	
ZDP801	0403-001211	DIODE-ZENER	MTZJ12B,11.44-12.03V,500mW,DO-34,TP	
ZDP802	0403-001318	DIODE-ZENER	MTZJ4.3B,4.17-4.43V,500mW,DO-34,TP	
ZDP803	0403-001325	DIODE-ZENER	MTZJ15C,14.35-15.09V,500mW,DO-34,TP	
ZDP804	0403-000510	DIODE-ZENER	MTZJ6.2B,6.2V,5.96-6.27V,500mW	
ZDP805	0403-001325	DIODE-ZENER	MTZJ15C,14.35-15.09V,500mW,DO-34,TP	
ZDS801	0403-001327	DIODE-ZENER	MTZJ18A,16.22-17.06V,500mW,DO-34,TP	
ZDS802	0403-001328	DIODE-ZENER	MTZJ22A,20.15-21.20V,500mW,DO-34,TP	
ZDT801	1203-001217	IC-POSI.ADJUST REG.	431,TO-92,3P,4.58MIL,PLASTIC,2	
ZDT802	1203-001217	IC-POSI.ADJUST REG.	431,TO-92,3P,4.58MIL,PLASTIC,2	

Loc. No.	Code No.	Description	Specification	Remarks
IC804S	BP96-00192A	ASSY HEAT SINK P	BP62-00018A,SPRING,STR-W6853,OIL SILICON	
CIS	0205-001027	OIL-SILICON	G746,-,-	SNA
CIS	1203-002827	IC-PWM CONTROLLER	STR-W6853,TO-220(FORMING),6P,16.9X10MM,PLASTIC,10.4/18.2V,1.5W,-20TO+125C,22A,-,	
CIS	BH61-00004A	SPRING ETC-TR	CDA,CDB,SUS304,-,-,-,-,-,TO.5,-,-,-	SNA
CIS	BP62-00018A	HEAT SINK-ES	VENUS,A6063S,T2.0,20,45	
DS806	BP96-00193A	ASSY HEAT SINK P	BP62-00018B,SPRING,MBRF10100CT,MBRF10100CT,OIL SILICON	
CIS	0205-001027	OIL-SILICON	G746,-,-	SNA
CIS	0402-001383	DIODE-RECTIFIER	MBRF10100CT,100V,10A,ITO-220,ST	
CIS	BH61-00004A	SPRING ETC-TR	CDA,CDB,SUS304,-,-,-,-,-,TO.5,-,-,-	SNA
CIS	BP62-00018B	HEAT SINK-ES	VENUS,A6063S,T2.0,20,70	
DI801	BP96-00195A	ASSY HEAT SINK P	BP62-00018C,SCREW,FMG-G26S(4EA),OIL SILICON	
CIS	0205-001027	OIL-SILICON	G746,-,-	SNA
CIS	0402-000231	DIODE-RECTIFIER	FMG-G26S,600V,4A,TO-220F,ST	
CIS	6003-000334	SCREW-TAPTITE	RH,+,2S,M3,L6,ZPC(YEL),SWRCH18	
CIS	BP62-00018C	HEAT SINK-ES	VENUS,A6063S,T2.0,20,70	
DM808	BP96-00196A	ASSY HEAT SINK P	BP62-00018D,SCREW,MBRF10100CT(4EA),OIL SILICON	
CIS	0205-001027	OIL-SILICON	G746,-,-	SNA
CIS	0402-001383	DIODE-RECTIFIER	MBRF10100CT,100V,10A,ITO-220,ST	
CIS	6003-000334	SCREW-TAPTITE	RH,+,2S,M3,L6,ZPC(YEL),SWRCH18	
CIS	BP62-00018D	HEAT SINK-ES	VENUS,A6063S,T2.0,20,80	
IC801S	BP96-00198A	ASSY HEAT SINK P	BP62-00018E,SCREW,SPRING,IRFB20N50K(4),STTH15R06D(2),STR-W6853,RUBBER,OIL	
CIS	0205-001027	OIL-SILICON	G746,-,-	SNA
CIS	0402-001549	DIODE-RECTIFIER	STTH15R06D,600V,15A,TO-220AC,ST	
CIS	0505-001762	FET-SILICON	IRFB20N50K,N,500V,20A,0.21OHM,280W,TO-220AB	SNA
CIS	1203-002827	IC-PWM CONTROLLER	STR-W6853,TO-220(FORMING),6P,16.9X10MM,PLASTIC,10.4/18.2V,1.5W,-20TO+125C,22A,-,	
CIS	1404-001252	THERMISTOR-PTC	85OHM,25%,16V,30VAC,-,-,BK	
CIS	6003-000335	SCREW-TAPTITE	RH,+,2S,M3,L8,ZPC(YEL),SWRCH18	SNA
CIS	BH61-00004A	SPRING ETC-TR	CDA,CDB,SUS304,-,-,-,-,-,TO.5,-,-,-	SNA
CIS	BN61-00628A	SUPPORT	NB21BS,NYLON66,T2.25,@5.25,NTR,DAWG - 5N	SNA
CIS	BN73-00047A	SILICON/RUBBER	VENUS,TC1370,17*19*TO.4,	SNA
CIS	BP62-00018E	HEAT SINK-ES	VENUS,A6063S,T2.0,20,173	
D801S	BP96-00199A	ASSY HEAT SINK P	BP62-00019A,SCREW,RBV606,OIL SILICON,32,50MM	
CIS	0205-001027	OIL-SILICON	G746,-,-	SNA
CIS	0402-001160	DIODE-BRIDGE	D5SB60,600V,6A,SIP-4,-	
CIS	6003-000334	SCREW-TAPTITE	RH,+,2S,M3,L6,ZPC(YEL),SWRCH18	
CIS	AA60-30001A	WASHER-PLATE	M3,ID3.5,15X8.5,T1.0,SBHG	SNA
CIS	BP62-00019A	HEAT SINK-ES	VENUS,A6063S,T2.0,20,50	
-	BN94-00444A	ASSY PCB POWER-SUB PCB,E4/S1	VENUS,.,.,.,	SNA
CB813	2401-000957	C-AL	22UF,20%,450V,GP,BK,16X25MM,7.5	
CIS	0201-001096	ADHESIVE-HM	#3748,YEL,8500CPS,-	SNA
CIS	0202-000008	SOLDER-WIRE	S63S-W3.0,S63S,D3,63Sn/37Pb,-	SNA
CIS	0202-000187	SOLDER-WIRE FLUX	-,RS60S,D1.2,63Sn/37Pb	SNA
CIS	0204-000442	SOLVENT	1M-1000,C3H7OH,96,-	SNA
CIS	0204-001527	FLUX	DF-201TVS,MIX,0.820,FLUX 13%, 14KG	SNA
CIS	6502-000001	CABLE CLAMP	DAWH-5NB,D15,L35,NYLON66,NTR	SNA
CIS	BN39-00353A	LEAD CONNECTOR	VENUS,UL1617#22/1015#18,UL/CSA,3P,100/170MM,#22/#18,DAC-11F,35156-0300,BK,1617#2	SNA
CIS	BN39-00354A	LEAD CONNECTOR	VN40*,UL1007#26,UL/CSA,4P,130MM,#26,35155-0400,35155-0400,BK,1007#26,TUBE	SNA
CIS	BN39-00355A	LEAD CONNECTOR	VN40*,UL1617#22,UL/CSA,3(2P),130MM,#22,35156-0300,35156-0300,BK,1617 #22,TUBE	SNA
CNB811	3711-000024	CONNECTOR-HEADER	BOX,3P,1R,2.5mm,STRAIGHT,SN	
CNB812	3711-003043	CONNECTOR-HEADER	BOX,4P,1R,2.5MM,STRAIGHT,SN,IVR	
CNB813	3711-002855	CONNECTOR-HEADER	BOX,2P,1R,7.92mm,STRAIGHT,SN	
CX811S	2306-000318	C-FILM,MPPF	220nF,20%,250V,TP,-,22.5mm	

Loc. No.	Code No.	Description	Specification	Remarks
CX812S	2306-000318	C-FILM,MPPF	220nF,20%,250V,TP,-,22.5mm	
CY814S	2201-000963	C-CERAMIC,DISC	1NF,20%,400V,Y5U,TP,9.5X6MM,10	
DB811S	0402-000102	DIODE-BRIDGE	D2SB60,600V,1.5A,-	
FS811S	3601-000300	FUSE-CARTRIDGE	250V,6.3A,SLOW-BLOW,GLASS,5.2x20mm	
IC811S	1203-002177	IC-PWM CONTROLLER	VIPER12ADIP,DIP,8P,300MIL,PLASTIC,730V,15W,-40to+150C,0.36A,-,ST	
LB810	BN27-00015A	COIL CHOKE	VD063,COIL-CHOKE,80uH,+/-10%,0.010ohm,OR18x6X10H,12T,25X26X13mm,4,1.8mm,BK,-20Ct	SNA
LX813S	BN29-00001A	FILTER EMI	VENUS,SQE 3535(H),0.1ohm,AC1.5KV/1Min,10mH,36X36X29,3.5A,80-280V,BK,DC500V 100Mo	SNA
LX816S	BN29-00001A	FILTER EMI	VENUS,SQE 3535(H),0.1ohm,AC1.5KV/1Min,10mH,36X36X29,3.5A,80-280V,BK,DC500V 100Mo	SNA
LX817S	BN27-00015A	COIL CHOKE	VD063,COIL-CHOKE,80uH,+/-10%,0.010ohm,OR18x6X10H,12T,25X26X13mm,4,1.8mm,BK,-20Ct	SNA
NT811S	1404-001045	THERMISTOR-NTC	4.7ohm,15%,2900K,35.0mW,TP	
PC811S	0604-001038	PHOTO-COUPLER	TR,130-260%,200mW,DIP-4,ST	
PD811S	3711-002855	CONNECTOR-HEADER	BOX,2P,1R,7.92mm,STRAIGHT,SN	
RL811S	3501-001053	RELAY-POWER	5VDC,530MW,10000MA,1FORMA,15MS,5MS	
T811S	BN26-00004A	TRANS SWITCHING-DPMS	EE 2020,LCD-TV,400V,400V,PL-3/PM2A,6V,19*18*23,50/60Hz,,3.5mH,0.5A,20uH,0.4A,6V,	SNA
CIS	BN96-00589A	ASSY MISC P-INLET	VENUS,Inlet : BN39-00393A,Blacket :BN61-00352A,Screw : 6003-001010	SNA
-	BN97-00208A	ASSY AUTO-SUB PCB	VENUS,,,	SNA
CB807	2201-000014	C-CERAMIC,DISC	0.33NF,10%,1KV,Y5P,TP,6.3X5MM,5	
CB808	2305-000665	C-FILM,MPEF	100nF,5%,63V,TP,7.5x4.0x5.0mm,	
CB809	2201-000556	C-CERAMIC,DISC	0.47NF,10%,500V,Y5P,TP,5.5X3MM,5	
CB810	2201-000556	C-CERAMIC,DISC	0.47NF,10%,500V,Y5P,TP,5.5X3MM,5	
CB811	2201-000315	C-CERAMIC,DISC	2.2NF,+80-20%,250V,Y5U,TP,10X6MM,7.5	
CB812	2201-000315	C-CERAMIC,DISC	2.2NF,+80-20%,250V,Y5U,TP,10X6MM,7.5	
CB814	2301-000356	C-FILM,PEF	47nF,5%,50V,TP,7.5x4.0x6.5,5mm	
CB815	2401-000493	C-AL	10uF,20%,50V,LZ,TP,5x11mm,5mm	
CB816	2401-002300	C-AL	47uF,20%,50V,GP,TP,6.3x11,5	
CB817	2401-001101	C-AL	330uF,20%,16V,GP,TP,8x11.5,5	
CB818	2401-001101	C-AL	330uF,20%,16V,GP,TP,8x11.5,5	
CB819	2306-000122	C-FILM,MPPF	100nF,5%,50V,TP,7.3x4.0x5.0mm,	
CNB804	AA60-40014A	PIN-GT,ASSY	AUTO	SNA
CNB806	AA60-40014A	PIN-GT,ASSY	AUTO	SNA
CY811S	2201-002026	C-CERAMIC,DISC	1NF,20%,400V,Y5P,TP,11X6MM,7.5	
CY812S	2201-002026	C-CERAMIC,DISC	1NF,20%,400V,Y5P,TP,11X6MM,7.5	
CY813S	2201-002026	C-CERAMIC,DISC	1NF,20%,400V,Y5P,TP,11X6MM,7.5	
DB812	0401-000006	DIODE-SWITCHING	BAV21,250V,250mA,DO-35,TP	
DB813	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	
DB814	0404-001056	DIODE-SCHOTTKY	RK16,60V,1.5A,DO-204AC,TP	
DB815	0402-000132	DIODE-RECTIFIER	1N4004,400V,1A,DO-41,TP	
DB816	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
DB817	0402-000254	DIODE-RECTIFIER	RGP10J,600V,1A,DO-41,TP	
EY101	6042-000002	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
EY104	6042-000002	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
EY105	6042-000002	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
EY108	6042-000002	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
EY109	6042-000002	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
EY112	6042-000002	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
EY113	6042-000002	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
EY116	6042-000002	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
EY121	6042-000002	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
EY122	6042-000002	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
EY123	6042-000002	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
EY124	6042-000002	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
FD811S	3601-001064	FUSE-AXIAL LEAD	125V,4A,FAST-ACTING,GLASS,2.4x7.5mm	
FS811A	3602-000114	FUSE-HOLDER	-, -,30mohm	
FS811B	3602-000114	FUSE-HOLDER	-, -,30mohm	
GT811	AA60-40014A	PIN-GT,ASSY	AUTO	SNA
J102	3812-000219	WIRE-NO SHEATH CU	TCWA,300V,52mm(TAPING),1/0.6mm	SNA

Loc. No.	Code No.	Description	Specification	Remarks
J103	3812-000219	WIRE-NO SHEATH CU	TCWA,300V,52mm(TAPING),1/0.6mm	SNA
J104	3812-000219	WIRE-NO SHEATH CU	TCWA,300V,52mm(TAPING),1/0.6mm	SNA
J105	3812-000219	WIRE-NO SHEATH CU	TCWA,300V,52mm(TAPING),1/0.6mm	SNA
J107	3812-000219	WIRE-NO SHEATH CU	TCWA,300V,52mm(TAPING),1/0.6mm	SNA
J108	3812-000219	WIRE-NO SHEATH CU	TCWA,300V,52mm(TAPING),1/0.6mm	SNA
LB811	3301-001223	CORE-FERRITE BEAD	AA,62ohm,3.5x0.8x5mm,-,TP,HF30,-	
LB812	2901-000299	FILTER-EMI ON BOARD	-,6A,UL/CSA,-,9x7.5,TP,-	
MP1.0	BN41-00255A	PCB-SUB	,CEM-1,1L,A,1.6T,197X330,3A,60X280,MC-HOLE/V-CUT	
PD812S	AA60-40014A	PIN-GT,ASSY	AUTO	SNA
Q813	0501-000010	TR-SMALL SIGNAL	KSC1008,NPN,800mW,TO-92,TP,120-240	
QB811	0501-000369	TR-SMALL SIGNAL	KSC2331-Y,NPN,1000mW,TO-92L,TP,120-240	
QB812	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400mW,TO-92,TP,120-240	
RB811	2003-002239	R-METAL OXIDE(S)	100KOHM,5%,2W,AF,TP,3.9X10MM	
RB812	2008-000205	R-FUSIBLE(S)	10ohm,5%,1/2W,AF,TP,2.5x6.5mm	
RB813	2008-000206	R-FUSIBLE(S)	1ohm,5%,1/2W,AF,TP,2.5x6.5mm	
RB814	2001-001072	R-CARBON(S)	120HM,5%,1/2W,AA,TP,2.4X6.4MM	
RB815	2001-000591	R-CARBON	3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
RB816	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
RB817	2001-000591	R-CARBON	3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
RB819	2001-000019	R-CARBON(S)	100HM,5%,1/2W,AA,TP,2.4X6.4MM	
RB820	2001-000085	R-CARBON(S)	100KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RB821	2001-000660	R-CARBON	33KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
RX811S	2002-001010	R-COMPOSITION	1.8Mohm,5%,1/2W,AA,TP,3.7x9mm	
VX811S	1405-000152	VARISTOR	560V,2500A,14x8.5mm,TP	
ZDB812	0403-001167	DIODE-ZENER	MTZJ30D,30V,29.02-30.51V,500mW	
ZDB813	0403-001328	DIODE-ZENER	MTZJ22A,20.15-21.20V,500mW,DO-34,TP	
ZDB814	0406-001007	DIODE-TVS	P6KE180A,171/180/189V,600W,CAS	
ZDB815	0406-001106	DIODE-TVS	P6KE300A,285/-/315V,600W,DO-204AC	
ZDB816	0406-001062	DIODE-TVS	P6KE200A,190/200/210V,600W,CAS	
-	BN94-00457A	ASSY PCB MISC-INPUT,E4	VN32KO	SNA
CIS	6009-001315	SCREW-SPECIAL	BH,+,-,M3,L10(4.9),ZPC(YEL),SWRCH18A,TAPTITE,-	
CIS	BN63-00604A	SHIELD-INPUT-BOT	VENUS32,SPT,E,TO.5,VENUS32	
CIS1	0202-000008	SOLDER-WIRE	S63S-W3.0,S63S,D3,63Sn/37Pb,-	SNA
CIS2	0202-000187	SOLDER-WIRE FLUX	-,RS60S,D1.2,63Sn/37Pb	SNA
CIS3	0204-001527	FLUX	DF-201TVS,MIX,0.820,FLUX 13%, 14KG	SNA
CIS4	0204-000442	SOLVENT	1M-1000,C3H7OH,96,-	SNA
CIS5	0202-001167	SOLDER-CREAM	RX3603-2330HO,S45A,PASTE,SN63/PB34/BI3,FLUX 10.5%	
CN103	AA63-40276A	TERMINAL-SPK,JACK	4P,ABS VO,4,BLK	SNA
CN108	AA63-40276A	TERMINAL-SPK,JACK	4P,ABS VO,4,BLK	SNA
CN112	3722-001061	JACK-PHONE	1P,3.6PI,AG,BLK,N	
CN114	3716-001182	TERMINAL-BLOCK	-,2P,23.2MM,-,-	
CN116	3722-001061	JACK-PHONE	1P,3.6PI,AG,BLK,N	
CN124	3701-001225	CONNECTOR-DSUB	24P+4P,3R,FEMALE,STRAIGHT,AU10U	
CN135	3705-001293	CONNECTOR-COAXIAL	NT(F),ADAPTOR(J/P),-,75ohm,	SNA
CN142	3722-001734	JACK-VHS	4P,-,SN,BLK,-	
SK10	3722-001846	JACK-PIN	2P,8.3MM,AU,WHT/RED,-	
SK11	3722-001846	JACK-PIN	2P,8.3MM,AU,WHT/RED,-	
SK3	3722-001845	JACK-PIN	3P,8.3MM,AU,GRN/BLU/RED,-	
SK4	3722-001845	JACK-PIN	3P,8.3MM,AU,GRN/BLU/RED,-	
SK5	3722-001931	JACK-PIN	1P,-,AU,BLK,-	
SK6	3722-001931	JACK-PIN	1P,-,AU,BLK,-	
SK7	3722-001844	JACK-PIN	3P,8.3MM,AU,YEL/WHT/RED,-	
SK8	3722-001844	JACK-PIN	3P,8.3MM,AU,YEL/WHT/RED,-	
SK9	3722-001844	JACK-PIN	3P,8.3MM,AU,YEL/WHT/RED,-	
OP1	BN96-00482A	ASSY BOARD P-OPTICAL	VENUS,OPTICAL BOARD	SNA

Loc. No.	Code No.	Description	Specification	Remarks
-	BN97-00218A	ASSY SMD-INPUT	VN32KO	SNA
C100	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C101	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C102	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C103	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C104	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C105	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C106	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C107	2402-000135	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	
C108	2402-000135	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	
C109	2402-000135	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	
C110	2402-000135	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	
C112	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C113	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C114	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C115	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C116	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C117	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C118	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C119	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C120	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C121	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C122	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C123	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C124	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C125	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C126	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C127	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C128	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C131	2402-000135	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	
C134	2203-000440	C-CERAMIC,CHIP	1nF,10%,50V,X7R,TP,1608,-	
C135	2203-000440	C-CERAMIC,CHIP	1nF,10%,50V,X7R,TP,1608,-	
C136	2402-000135	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	
C137	2402-000135	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	
C138	2402-000135	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	
CN136	3708-001783	CONNECTOR-FPC/FFC/PIC	30P,1MM,SMD-S,SN	
CN137	3708-001783	CONNECTOR-FPC/FFC/PIC	30P,1MM,SMD-S,SN	
CN138	3708-001783	CONNECTOR-FPC/FFC/PIC	30P,1MM,SMD-S,SN	
CN139	3708-001783	CONNECTOR-FPC/FFC/PIC	30P,1MM,SMD-S,SN	
CN143	3708-001782	CONNECTOR-FPC/FFC/PIC	24P,1MM,SMD-S,SN	
CN144	3711-003161	CONNECTOR-HEADER	BOX,20P,1R,1.25MM,SMD-A,SN,BEG	
D100	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D101	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D102	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D103	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D104	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D105	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D106	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D107	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D108	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D109	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D110	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D111	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D112	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D113	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D114	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D115	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D116	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	

Loc. No.	Code No.	Description	Specification	Remarks
D117	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D118	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D119	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D120	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D121	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D122	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D123	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D124	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
D125	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
D126	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
D130	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D131	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D132	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D133	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D134	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D135	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D136	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D137	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D138	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D139	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D140	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D141	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D142	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D143	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D144	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D145	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D146	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D147	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D148	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D149	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D150	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D151	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
D152	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D154	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D155	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D156	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
D157	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
D158	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
D160	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D166	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
D167	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,200MA,SOT-23,TP	
D168	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,200MA,SOT-23,TP	
D169	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,200MA,SOT-23,TP	
D170	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,200MA,SOT-23,TP	
D171	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,200MA,SOT-23,TP	
D172	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,200MA,SOT-23,TP	
D173	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,200MA,SOT-23,TP	
D174	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,200MA,SOT-23,TP	
D175	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,200MA,SOT-23,TP	
D176	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,200MA,SOT-23,TP	
D177	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,200MA,SOT-23,TP	
D178	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
D179	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
D180	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D181	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D182	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
D183	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
D184	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	

Loc. No.	Code No.	Description	Specification	Remarks
D185	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
D186	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
D187	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
FT100	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT102	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT106	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT107	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT108	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT109	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT110	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT111	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT112	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT113	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT114	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT115	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT116	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT117	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT118	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT119	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT120	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT121	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT122	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT123	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT132	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT135	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT136	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT919	3301-001605	CORE-FERRITE BEAD	AB,360OHM,2.0X1.2X1.2MM,100MA,TP,FERRITE,0.5OHM	SNA
FT920	3301-001605	CORE-FERRITE BEAD	AB,360OHM,2.0X1.2X1.2MM,100MA,TP,FERRITE,0.5OHM	SNA
FT921	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT923	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT924	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT925	3301-001605	CORE-FERRITE BEAD	AB,360OHM,2.0X1.2X1.2MM,100MA,TP,FERRITE,0.5OHM	SNA
FT926	3301-001605	CORE-FERRITE BEAD	AB,360OHM,2.0X1.2X1.2MM,100MA,TP,FERRITE,0.5OHM	SNA
FT927	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT928	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT929	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
L100	2703-000398	INDUCTOR-SMD	10uH,10%,3.2x2.5x2.2mm	
L101	2703-000398	INDUCTOR-SMD	10uH,10%,3.2x2.5x2.2mm	
L102	2703-000398	INDUCTOR-SMD	10uH,10%,3.2x2.5x2.2mm	
L103	2703-000398	INDUCTOR-SMD	10uH,10%,3.2x2.5x2.2mm	
L104	2703-000398	INDUCTOR-SMD	10uH,10%,3.2x2.5x2.2mm	
L105	2703-000398	INDUCTOR-SMD	10uH,10%,3.2x2.5x2.2mm	
L106	2703-000398	INDUCTOR-SMD	10uH,10%,3.2x2.5x2.2mm	
L107	2703-000398	INDUCTOR-SMD	10uH,10%,3.2x2.5x2.2mm	
L108	2703-000398	INDUCTOR-SMD	10uH,10%,3.2x2.5x2.2mm	
L109	2703-000398	INDUCTOR-SMD	10uH,10%,3.2x2.5x2.2mm	
L110	2703-000398	INDUCTOR-SMD	10uH,10%,3.2x2.5x2.2mm	
L111	2703-000398	INDUCTOR-SMD	10uH,10%,3.2x2.5x2.2mm	
L112	2703-000398	INDUCTOR-SMD	10uH,10%,3.2x2.5x2.2mm	
L113	2703-000398	INDUCTOR-SMD	10uH,10%,3.2x2.5x2.2mm	
L114	2703-000398	INDUCTOR-SMD	10uH,10%,3.2x2.5x2.2mm	
L115	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
L116	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
L117	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
L118	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
L119	3301-001595	CORE-FERRITE BEAD	AB,1KOHM,7.0X6.0X4.5MM,4000MA,TP,FERRITE,0.012OHM	
L120	3301-001595	CORE-FERRITE BEAD	AB,1KOHM,7.0X6.0X4.5MM,4000MA,TP,FERRITE,0.012OHM	
L121	3301-001595	CORE-FERRITE BEAD	AB,1KOHM,7.0X6.0X4.5MM,4000MA,TP,FERRITE,0.012OHM	

Loc. No.	Code No.	Description	Specification	Remarks
L122	3301-001595	CORE-FERRITE BEAD	AB,1KOHM,7.0X6.0X4.5MM,4000MA,TP,FERRITE,0.0120HM	SNA
L123	3301-001595	CORE-FERRITE BEAD	AB,1KOHM,7.0X6.0X4.5MM,4000MA,TP,FERRITE,0.0120HM	
MP1.0	BN41-00276A	PCB SUB-INPUT PCB	VENUS,4,1.6,330*64,VENUS KOREA	
R100	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R101	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R102	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R103	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R104	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R105	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R106	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R107	2007-001164	R-CHIP	75ohm,1%,1/16W,DA,TP,1608	
R108	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R109	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R110	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R111	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R112	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R113	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R114	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R115	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R116	2007-001164	R-CHIP	75ohm,1%,1/16W,DA,TP,1608	
R117	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R118	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R121	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R122	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R123	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R124	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R125	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R126	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R128	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R129	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R130	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R131	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R132	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R133	2007-000082	R-CHIP	3.3Kohm,5%,1/16W,DA,TP,1608	
R134	2007-000124	R-CHIP	2.2Kohm,5%,1/16W,DA,TP,1608	
R135	2007-000071	R-CHIP	22ohm,5%,1/16W,DA,TP,1608	
R136	2007-000071	R-CHIP	22ohm,5%,1/16W,DA,TP,1608	
R140	2007-001164	R-CHIP	75ohm,1%,1/16W,DA,TP,1608	
R141	2007-001164	R-CHIP	75ohm,1%,1/16W,DA,TP,1608	
R142	2007-000402	R-CHIP	150ohm,5%,1/16W,DA,TP,1608	
R143	2007-000402	R-CHIP	150ohm,5%,1/16W,DA,TP,1608	
R144	2007-000402	R-CHIP	150ohm,5%,1/16W,DA,TP,1608	
R145	2007-000090	R-CHIP	10KOHM,5%,1/16W,DA,TP,1608	
R146	2007-000071	R-CHIP	22ohm,5%,1/16W,DA,TP,1608	
R147	2007-000071	R-CHIP	22ohm,5%,1/16W,DA,TP,1608	
R148	2007-000071	R-CHIP	22ohm,5%,1/16W,DA,TP,1608	
R149	2007-000076	R-CHIP	330ohm,5%,1/16W,DA,TP,1608	
R150	2007-000076	R-CHIP	330ohm,5%,1/16W,DA,TP,1608	

7-1-2 LTN325W Others

Loc. No.	Code No.	Description	Specification	Remarks
- C/F+C/R	BN90-00484D 6003-001003	ASSY COVER FRONT SCREW-TAPTITE	VN32UO BH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
C/F	BN96-00379D	ASSY COVER P-FRONT	VENUS 32,VN32UO,ABS V0	SNA
C/F	BN96-00381A	ASSY MISC P-POWER	32 40 VENUS,,,ABS V0	SNA
- C/R	BN90-00485D BN63-00598D	ASSY COVER REAR COVER-REAR	VN32UO VENUS 32,ABS,V0,VN32UO	SNA SNA
-	BN90-00486A	ASSY STAND	VENUS,,,,	SNA
STD	BN96-00570A	ASSY STAND P-SPEAKER	VENUS32,SPK+STAND	SNA
- LCD	BN91-00403B BN07-00108A	ASSY LCD-E4 LCD	VENUS,,, LTA320W1-L01,RS24NS,6BIT FRC,746.0*463.0*55.0,16.7M,40,0.537*0.537*0-40,5.0,1 LV	SNA
-	BN91-00603D	ASSY CHASSIS-E4	VN32UO	
C132	2402-000135	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	
C133	2402-000135	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	
C134	2402-001042	C-AL,SMD	100uF,20%,16V,GP,TP,6.6x6.6x5.4mm	
C135	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
FT105	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT114	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT115	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT116	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT118	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT132	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT133	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT134	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
LED1	0601-001610	LED	CHIP,YEL/GRN,2.06X2.7MM,585/565NM	
MP1.0	BN41-00278A	PCB SUB-VENUS POWER	VENUS,2,1.6,78*68,VENUS POWER BOARD	SNA
Q102	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	
Q103	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	
R167	2007-000076	R-CHIP	330ohm,5%,1/16W,DA,TP,1608	
R168	2007-000076	R-CHIP	330ohm,5%,1/16W,DA,TP,1608	
R169	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R170	2007-000071	R-CHIP	22ohm,5%,1/16W,DA,TP,1608	
R171	2007-000857	R-CHIP	4.3Kohm,1%,1/16W,DA,TP,1608	
R172	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
-	BN91-00604D	ASSY SHIELD	VN32UO	SNA
B/SMPS+POW/PCB	6003-000269	SCREW-TAPTITE	BH,+,S,M3,L6,ZPC(YEL),SWRCH18A	SNA
B/SMPS+SH/PCB	6003-000269	SCREW-TAPTITE	BH,+,S,M3,L6,ZPC(YEL),SWRCH18A	SNA
CIS	6046-001009	STAND OFF	M3,L3.5,NI PLT,SUM24L,#4-40	
CIS	AA39-00206B	LEAD CONNECTOR-ASSY	,2P,400MM,YFH800-02,S,1617#22(BRN,BRN)	
CIS	BH68-30003B	LABEL-HIGH VOLTAGE	CKA4217(C),ART,100G,YEL,BLK,W30*L30,CDT-TUBE	SNA
CIS	BN02-00005A	TAPE ETC	MCX15A,DK-102-55-70,CONDUCTIVE TAPE,0.12MM,70MM,55MM,SILVER,DK-102-55-70	SNA
CIS	BN39-00383A	LEAD CONNECTOR	VENUS,UL1007#26,UL/CSA,3P,50mm,#26,SMH250-03,SMH250-03,BK,SJ02-01-338	SNA
CIS	BN39-00385A	LEAD CONNECTOR	VENUS,UL1007#26,UL/CSA,14P,70mm,#26,SMH200-14,PAP-14V-S,BK,SJ02-01-336	SNA
CIS	BN39-00387A	LEAD CONNECTOR	VENUS,UL1007#26,UL/CSA,14P,70mm,#26,SMH200-14,SMH200-14,BK,SJ02-01-335,EMI-TAPE	SNA
CIS	BN39-00388A	LEAD CONNECTOR	VENUS,UL1571#30,UL/CSA,30P,200mm,#30,12507HS-30,12507HS-30,BK,SJ03-01-077,CORE,E	SNA
CIS	BN61-00349A	BRACKET-GUIDE-BOT	VENUS32,SECC,T1.2,VENUS32	
CIS	BN63-00604A	SHIELD-INPUT-BOT	VENUS32,SPT,TO.5,VENUS32	
CIS	BN63-00851A	GASKET	VENUS,Conductive Fabric,20mm,10mm,230mm,Gray,32k,71TSSK-10-20-230-13	SNA
CIS	BN63-00853A	GASKET	VENUS,Conductive Fabric,55mm,20mm,20mm,Gray,45k,71TSVK-20-55-20-13-D	SNA
CIS	BN73-00024B	SILICON/RUBBER-GAP PAD	POSEIDON,SILICON,28*28 T2.0,BERGQUIST	SNA

Loc. No.	Code No.	Description	Specification	Remarks
GND WIRE-BRKT-BOTTOM	6006-001035	SCREW-ASS'Y MACH	WSP,PH,+,M3,L8,ZPC(YEL),SM10C	SNA
GUID/BRKT+B/SMPS	6003-001003	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	
GUID/BRKT+C/F	6003-001003	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	
INPUT/PCB+C/F	6003-001003	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	
PCB/MAIN+PAN	6001-000116	SCREW-MACHINE	BH,+,M3,L12,NI PLT,SM10C,-	
POW/PCB+C/F	6003-001003	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	
POW/SB_PCB+C/F	6003-001003	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	
SH/INPUT+C/F	6003-001003	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	
SH/MAIN+PAN	6001-000116	SCREW-MACHINE	BH,+,M3,L12,NI PLT,SM10C,-	
SH/TOP+SH/MAIN	6003-000269	SCREW-TAPTITE	BH,+,S,M3,L6,ZPC(YEL),SWRCH18A	SNA
CIS	BN96-00450A	ASSY MISC P-SIDE BRKT/L	32 VENUS,SECC	SNA
CIS	BN96-00451A	ASSY MISC P-SIDE BRKT/R	32 VENUS,SECC	SNA
CIS	BN96-00537A	ASSY MISC P-SHIELD MAIN PCB	32,40 VENUS,SPT T0.5	SNA
CIS	BN96-00622A	ASSY MISC P-SHIELD SMPS	32,40 VENUS,SPT T0.5	SNA
CIS	BN96-00623A	ASSY MISC P-SHIELD-INPUT TOP	32,40 VENUS,SPT T0.5	SNA
CIS	BN96-00624A	ASSY MISC P-BRKT SMPS/L	32 VENUS,SECC T1.2	SNA
CIS	BN96-00625A	ASSY MISC P-BRKT SMPS/R	32 VENUS,SECC T1.2	SNA
CIS	BN96-00626A	ASSY MISC P-BRKT GUIDE TOP	32 VENUS,SECC T1.2	SNA
-	BN92-00700D	ASSY BOX	VN32JO	SNA
BOX	AA68-50509A	LABEL-BOX	A/P 90(G),ALL MODEL,-,WHT,L250	SNA
BOX	BN69-00474A	PACKING CASE-IN	VENUS32,D-4 AB,-,,936,463,200,YEL,,	SNA
BOX	BN69-00475B	PACKING CASE-OUT	32A2(VENUS),D-4 AB,C3,YEL,SEA	SNA
-	BN92-00701D	ASSY LABEL	VN32UO	SNA
LABEL	AA68-01070A	LABEL-MODEL	-,A/P,-,30,20,-,-,ALL MODEL,-	SNA
LABEL	BN68-00269B	LABEL RATING	,TETRON,T0.05,64,78,NO PRINT	SNA
-	BN92-00702M	ASSY ACCESSORY	VN32UO	SNA
ACCESSORY	BN59-00364C	REMOCON	TM77,VENUS,S3P825AXZ-QWRA,47,SV-012P2,NT,EX,AMERICA	SNA
UNIT/ACCESSORY	BN96-00580Q	ASSY ACCESSORY	AL40EO	
ACCESSORY	0203-000214	TAPE-OPP MASKING	OPP/W50/CLR,T0.05,W50,L400000,	SNA
ACCESSORY	4301-000121	BATTERY-MN	1.5V,-,AAA,10.5x44.5m,HOLDER	
ACCESSORY	6902-000110	BAG PE	LDPE,T0.05,L356,W240,TRP,28,2,PE MARK	SNA
ACCESSORY	AA39-00039A	CABLE IF	-,C2680R-H,S,1P,-,3C-2V,BLK,F-CON,3000MM,-	
ACCESSORY	AA68-00371C	CARD WARRANTY-01	,SEA,W/P100(G),1 YEAR	SNA
ACCESSORY	AA68-40065B	CARD-REGISTRATION	,SEA,A5,ENG,A/P220,2P(SIDES),4	SNA
ACCESSORY	BH39-10339X	CBF POWER CORD	DET,SVT,125V/7A,BLK,1830,WALL(ST),MSP-33,MSC-30	
ACCESSORY	BN68-00448A	MANUAL USERS	LTN325W,LTN406W,SAMSUNG,E/F/S/P,ADC,00	SNA
ACCESSORY	BN69-00350B	BOX-ACCESSORY	AL29NO/AO,CB SW-1,YEL,KSD-21,60,300,230,3 COLOR PRINTING	SNA
-	BN92-00703A	ASSY P/MATERIAL	VENUS,,,,	SNA
P/M	0203-001269	TAPE-OPP MASKING	#301,T0.06,W75,L50000,NTR	SNA
P/M	6902-000358	BAG PE	HDPE/NITRON(DOUBLE),T0.02/T0.5,W900,L800,WHT,28,4AL29NO	SNA
P/M	AA60-40006A	PIN-STAPLE	AUTO,33X17.8X2.4,H18,33X17.8X2.4	SNA
P/M	AA61-20285A	HOLDER-BOX	3456,PP,-,-,-,WHT,VO	SNA
P/M	AA63-10007C	BAND-PP	W18,CLEA,1G	SNA
P/M	AA69-01896J	PALLET-SET	VENUS32,PAPER,970,1000,130	
P/M	BN69-00472A	CUSHION	VENUS 32,EPS,,,,,,M50	SNA

7-2-1 LTN406W Main PCB Parts

Loc. No.	Code No.	Description	Specification	Remarks
-	BN94-00442H	ASSY PCB MAIN-S1	VN40UO	SNA
CIS1	0202-001044	SOLDER-WIRE.	S63S-W3.0,S63S,D3,63Sn/37Pb,-	SNA
CIS13	3809-001465	CABLE-FLAT	60V,30C,80MM,30P,1MM,UL2064	SNA
CIS14	3809-001464	CABLE-FLAT	60V,30C,80MM,24P,1MM,UL2062	SNA
CIS15	BN41-00306A	FPC	VENUS,POLYIMIDE,30,0.08mm	SNA
CIS16	BN39-00390A	CBF IF	VENUS,1P,1365#26,24mm,BLACK,UCA-AG-058	SNA
CIS17	AA39-30007A	CBF IF	-,T,100mm,1365#26	
CIS2	0202-001222	SOLDER-WIRE FLUX	RS-107,RS60-1.2AA,D1.2,SN60/PB40,-	SNA
CIS3	0204-001677	FLUX	DF-201TVS,MIX,0.820,FLUX 13%,G	SNA
CIS30	0201-001096	ADHESIVE-HM	#3748,YEL,8500CPS,-	SNA
CIS4	0204-001095	THINNER	#4520,-,-,-	SNA
CN125	BN40-00006A	TUNER	TCLN9081PC27S,TCLN9081PC27S,45.75MHZ,33V,75 OHM,PHONE(2EA),5V,ST	
CN126	BN40-00007A	TUNER	TCPN9081PC27D,TCPN9081PC27D,45.75MHZ,33V,75 OHM,PHONE,5V,ST	
CN800	3711-004121	CONNECTOR-HEADER	BOX,14P,1R,2mm,ANGLE,SN	SNA
D800	0403-000327	DIODE-ZENER	UZ15BSA,15V,13.48-14.09V,500mW	
D801	0403-000367	DIODE-ZENER	UZ7.5BSC,7.5V,7.33-7.64V,500mW	
-	BN97-00206A	ASSY SMD-S1	VENUS,,,	SNA
MICOM	BN97-00221Z	ASSY MICOM	VN40UO	SNA
CIS	BN82-00100E	A/S MICOM	VN40UO	SNA
CIS	BN82-00100F	A/S MICOM-SUB	VN40UO	SNA
IC901_OTP	1102-001129	IC-EPROM	M27W401,512KX8BIT,PLCC,32P,11.35X13.89MM,80NS,3.3V,10%,PLASTIC,-40TO+85C,-CMOS,	
IC902_OTP	0903-001323	IC-MICROCONTROLLER	S3P863A (PLCC TYPE),384BIT,PLCC,44P,-,12MHZ,ST,-,PLASTIC,5.5V,-,-25TO+85C,1040BY	
-	BN94-00443N	ASSY PCB POWER-E4/S1	CK40PS	SNA
C1816	2401-003876	C-AL	470UF,20%,160V,GP,BK,35°ø20MM,10	
C1817	2401-003876	C-AL	470UF,20%,160V,GP,BK,35°ø20MM,10	
CIS	0201-001059	ADHESIVE-SIL	#9590,WHT,-,CARTRIGE	SNA
CIS	0201-001096	ADHESIVE-HM	#3748,YEL,8500CPS,-	SNA
CIS	0202-000008	SOLDER-WIRE	S63S-W3.0,S63S,D3,63Sn/37Pb,-	SNA
CIS	0202-000187	SOLDER-WIRE FLUX	-,RS60S,D1.2,63Sn/37Pb	SNA
CIS	0204-000442	SOLVENT	1M-1000,C3H7OH,96,-	SNA
CIS	0204-001527	FLUX	DF-201TVS,MIX,0.820,FLUX 13%, 14KG	SNA
CM818	2401-003872	C-AL	2200UF,20%,25V,LZ,TP,18X20MM,7.5	
CN1801	3711-004122	CONNECTOR-HEADER	BOX,14P,1R,2mm,STRAIGHT,SN	SNA
CNM801	3711-004122	CONNECTOR-HEADER	BOX,14P,1R,2mm,STRAIGHT,SN	SNA
CNP801	3711-002855	CONNECTOR-HEADER	BOX,2P,1R,7.92mm,STRAIGHT,SN	
CNP803	3711-003043	CONNECTOR-HEADER	BOX,4P,1R,2.5MM,STRAIGHT,SN,IVR	
CP823	2401-003873	C-AL	120UF,20%,450V,WT,BK,35°ø20MM,10	
CP824	2401-003873	C-AL	120UF,20%,450V,WT,BK,35°ø20MM,10	
CP825	2306-000321	C-FILM,MPPF	470NF,5%,275V,TP,-,22.5	
CS816	2401-003872	C-AL	2200UF,20%,25V,LZ,TP,18X20MM,7.5	
CY801S	2201-002026	C-CERAMIC,DISC	1NF,20%,400V,Y5P,TP,11X6MM,7.5	
CY802S	2201-002026	C-CERAMIC,DISC	1NF,20%,400V,Y5P,TP,11X6MM,7.5	
DM805	0402-000250	DIODE-RECTIFIER	RG4C,1000V,1A,-	
DP803	0402-000562	DIODE-RECTIFIER	UF5406,600V,3A,DO-201AD,BK	
DS805	0402-000250	DIODE-RECTIFIER	RG4C,1000V,1A,-	
IC802S	1203-002828	IC-PWM CONTROLLER	4981,DIP,20P,25.4X7.1MM,PLASTIC,-0.3/8.5V,-,-40TO+125C,2A,4.97/5.23V,ST	
LM803	BN27-00014A	COIL CHOKE	10uH,0.02ohm, 14.5T,10uH,+/-10%,DR 12*5 C:6.0,14.5T,PF2736,,,0.02 ohm,12 ?5,,,B	SNA
LM804	BN27-00014A	COIL CHOKE	10uH,0.02ohm, 14.5T,10uH,+/-10%,DR 12*5 C:6.0,14.5T,PF2736,,,0.02 ohm,12 ?5,,,B	SNA
LP801	BN27-00013A	COIL CHOKE-PFC	T 40 x15 x24,1.1mH,+/-10%,CH400125,78T,PF 2736,,,0.08 ohm,40 x15 x24,,,BK	SNA
LP805	BN27-00015A	COIL CHOKE	VD063,COIL-CHOKE,80uH,+/-10%,0.010ohm,OR18x6X10H,12T,25X26X13mm,4,1.8mm,BK,-20Ct	SNA
LP806	BN27-00015A	COIL CHOKE	VD063,COIL-CHOKE,80uH,+/-10%,0.010ohm,OR18x6X10H,12T,25X26X13mm,4,1.8mm,BK,-20Ct	SNA
LS803	BN27-00014A	COIL CHOKE	10uH,0.02ohm, 14.5T,10uH,+/-10%,DR 12*5 C:6.0,14.5T,PF2736,,,0.02 ohm,12 ?5,,,B	SNA
NT801S	1404-001195	THERMISTOR-NTC	5.1ohm,15%,2900,27mW/C,BK	
NT802S	1404-001195	THERMISTOR-NTC	5.1ohm,15%,2900,27mW/C,BK	

Loc. No.	Code No.	Description	Specification	Remarks
PC801S	0604-001038	PHOTO-COUPLER	TR,130-260%,200mW,DIP-4,ST	
PC802S	0604-001038	PHOTO-COUPLER	TR,130-260%,200mW,DIP-4,ST	
PC803S	0604-001038	PHOTO-COUPLER	TR,130-260%,200mW,DIP-4,ST	
PC804S	0604-001038	PHOTO-COUPLER	TR,130-260%,200mW,DIP-4,ST	
T801S	BN26-00005A	TRANS-INVERTER	EER 3543,LCD TV,16PIN,1mH,400V,1A,1.45mH,120V,2A,0.300ohm,,PL-5/PM5,ER-3543,130u	SNA
T802S	BN26-00005A	TRANS-INVERTER	EER 3543,LCD TV,16PIN,1mH,400V,1A,1.45mH,120V,2A,0.300ohm,,PL-5/PM5,ER-3543,130u	SNA
T803S	BN26-00006A	TRANS-MULTI	EER 3019,LCD TV,10PIN,1mH,400V,1A,32uH,5V/12V,6A/2A,0.400ohm,,PL-7/PM7,ER-3019,2	SNA
T804S	BN26-00006A	TRANS-MULTI	EER 3019,LCD TV,10PIN,1mH,400V,1A,32uH,5V/12V,6A/2A,0.400ohm,,PL-7/PM7,ER-3019,2	SNA
T805S	BN26-00007A	TRANS-SOUND	EER 3019,LCD TV,10PIN,500uH,400V,1A,135uH,13V,5A,0.400ohm,,PL-7/PM7,EER 3019,20u	SNA
T806S	BN26-00007A	TRANS-SOUND	EER 3019,LCD TV,10PIN,500uH,400V,1A,135uH,13V,5A,0.400ohm,,PL-7/PM7,EER 3019,20u	SNA
IC803S	BN96-00324A	ASSY BOARD P	PDB20049A M,CONTROLLER ASS'Y	
-	BN97-00207N	ASSY AUTO-POWER	CK40PS	SNA
CI801	2301-001396	C-FILM,MPEF	100nF,10%,630V,TP,18x6.5x13mm,7.5	
CI802	2305-000289	C-FILM,MPEF	220nF,5%,63V,TP,-,5mm	
CI803	2305-000289	C-FILM,MPEF	220nF,5%,63V,TP,-,5mm	
CI804	2305-000289	C-FILM,MPEF	220nF,5%,63V,TP,-,5mm	
CI805	2201-000132	C-CERAMIC,DISC	0.1nF,10%,500V,Y5P,TP,6.5X3MM,5	
CI806	2201-000132	C-CERAMIC,DISC	0.1nF,10%,500V,Y5P,TP,6.5X3MM,5	
CI807	2301-001396	C-FILM,MPEF	100nF,10%,630V,TP,18x6.5x13mm,7.5	
CI808	2201-000930	C-CERAMIC,DISC	0.22nF,10%,500V,Y5P,TP,5.5X3MM,5	
CI809	2201-000132	C-CERAMIC,DISC	0.1nF,10%,500V,Y5P,TP,6.5X3MM,5	
CI811	2301-001216	C-FILM,PPF	47nF,5%,630V,TP,20x14.5x22,7.5	
CI812	2401-000302	C-AL	100uF,20%,25V,GP,TP,6.3x11,5	
CI813	2305-000665	C-FILM,MPEF	100nF,5%,63V,TP,7.5x4.0x5.0mm,	
CI815	2305-000411	C-FILM,MPEF	470nF,5%,50V,TP,7.3x4.8x5.5mm,	
CI818	2401-000569	C-AL	1uF,20%,250V,GP,TP,6.3x11,5	
CI819	2305-000704	C-FILM,MPEF	100nF,5%,250V,TP,16.5x10.3x5.7	
CI820	2305-000704	C-FILM,MPEF	100nF,5%,250V,TP,16.5x10.3x5.7	
CI821	2401-001340	C-AL	0.47uF,20%,50V,WT,TP,5X11,5	
CI823	2305-000704	C-FILM,MPEF	100nF,5%,250V,TP,16.5x10.3x5.7	
CM801	2401-000480	C-AL	10uF,20%,50V,GP,TP,5x11,5	
CM802	2401-000962	C-AL	22uF,20%,50V,GP,TP,5x11,5	
CM803	2301-000192	C-FILM,PEF	1nF,5%,50V,TP,5.3x10mm,5mm	
CM804	2301-000445	C-FILM,PEF	4.7nF,5%,50V,TP,5.5x7x3mm,5mm	
CM805	2401-000480	C-AL	10uF,20%,50V,GP,TP,5x11,5	
CM806	2202-000263	C-CERAMIC,MLC-AXIAL	470pF,10%,50V,Y5P,TP,3.5x19,-	
CM807	2202-000263	C-CERAMIC,MLC-AXIAL	470pF,10%,50V,Y5P,TP,3.5x19,-	
CM808	2301-000356	C-FILM,PEF	47nF,5%,50V,TP,7.5x4.0x6.5,5mm	
CM809	2303-000122	PEF CAPACITOR	10nF,5%,630V,TP,19x12.5mm,7.5m	
CM810	2201-000012	C-CERAMIC,DISC	0.22nF,10%,1KV,Y5P,TP,6.3X5MM,5	
CM811	2201-000012	C-CERAMIC,DISC	0.22nF,10%,1KV,Y5P,TP,6.3X5MM,5	
CM812	2306-000122	C-FILM,MPPF	100nF,5%,50V,TP,7.3x4.0x5.0mm,	
CM813	2401-001192	C-AL	33uF,20%,50V,GP,TP,6.3x11,5	
CM814	2201-000556	C-CERAMIC,DISC	0.47nF,10%,500V,Y5P,TP,5.5X3MM,5	
CM815	2201-000556	C-CERAMIC,DISC	0.47nF,10%,500V,Y5P,TP,5.5X3MM,5	
CM816	2201-000556	C-CERAMIC,DISC	0.47nF,10%,500V,Y5P,TP,5.5X3MM,5	
CM817	2201-000556	C-CERAMIC,DISC	0.47nF,10%,500V,Y5P,TP,5.5X3MM,5	
CM819	2401-003875	C-AL	2200UF,20%,16V,LZ,TP,16X20MM,7.5	
CM820	2401-003875	C-AL	2200UF,20%,16V,LZ,TP,16X20MM,7.5	
CM822	2401-003874	C-AL	1000UF,20%,25V,LZ,TP,12.5X20MM,5	
CM823	2401-003874	C-AL	1000UF,20%,25V,LZ,TP,12.5X20MM,5	
CM824	2301-000224	C-FILM,PEF	22nF,5%,50V,TP,7.4x3.9x13mm,5m	
CM825	2201-000375	C-CERAMIC,DISC	0.22nF,5%,50V,RH,TP,12.5X3.5MM,5	
CM826	2306-000122	C-FILM,MPPF	100nF,5%,50V,TP,7.3x4.0x5.0mm,	
CM827	2306-000122	C-FILM,MPPF	100nF,5%,50V,TP,7.3x4.0x5.0mm,	

Loc. No.	Code No.	Description	Specification	Remarks
CM828	2305-000289	C-FILM,MPEF	220nF,5%,63V,TP,-,5mm	
CP801	2201-000315	C-CERAMIC,DISC	2.2NF,+80-20%,250V,Y5U,TP,10X6MM,7.5	
CP802	2201-000315	C-CERAMIC,DISC	2.2NF,+80-20%,250V,Y5U,TP,10X6MM,7.5	
CP804	2303-000331	C-FILM,PPF	4.7nF,5%,630V,TP,19.5x12x7,7.5	
CP806	2303-000122	PEF CAPACITOR	10nF,5%,630V,TP,19x12.5mm,7.5m	
CP807	2201-000129	C-CERAMIC,DISC	0.1NF,10%,1KV,Y5P,TP,7X4MM,5	
CP808	2401-000603	C-AL	1UF,20%,50V,GP,TP,5X11,2	
CP809	2401-002300	C-AL	47uF,20%,50V,GP,TP,6.3x11,5	
CP810	2305-000285	C-FILM,MPEF	220NF,5%,100V,TP,10.5X5.5X15MM,5	
CP811	2305-000289	C-FILM,MPEF	220nF,5%,63V,TP,-,5mm	
CP812	2201-000375	C-CERAMIC,DISC	0.22NF,5%,50V,RH,TP,12.5X3.5MM,5	
CP814	2401-002619	C-AL	47uF,20%,25V,GP,TP,5x11,5	
CP815	2305-000411	C-FILM,MPEF	470nF,5%,50V,TP,7.3x4.8x5.5mm,	
CP816	2301-000192	C-FILM,PEF	1nF,5%,50V,TP,5.3x10mm,5mm	
CP817	2201-000961	C-CERAMIC,DISC	0.01NF,0.5PF,50V,RH,TP,4X3.5MM,5	
CP818	2305-000665	C-FILM,MPEF	100nF,5%,63V,TP,7.5x4.0x5.0mm,	
CP819	2301-000342	C-FILM,PEF	2.2nF,5%,50V,TP,7.4x3.9x13mm,5	
CP820	2401-000603	C-AL	1UF,20%,50V,GP,TP,5X11,2	
CP822	2401-000480	C-AL	10uF,20%,50V,GP,TP,5x11,5	
CP826	2201-002026	C-CERAMIC,DISC	1NF,20%,400V,Y5P,TP,11X6MM,7.5	
CP827	2201-002026	C-CERAMIC,DISC	1NF,20%,400V,Y5P,TP,11X6MM,7.5	
CP828	2201-002026	C-CERAMIC,DISC	1NF,20%,400V,Y5P,TP,11X6MM,7.5	
CS802	2301-001396	C-FILM,MPEF	100nF,10%,630V,TP,18x6.5x13mm,7.5	
CS803	2401-000480	C-AL	10uF,20%,50V,GP,TP,5x11,5	
CS804	2401-000962	C-AL	22uF,20%,50V,GP,TP,5x11,5	
CS805	2301-000445	C-FILM,PEF	4.7nF,5%,50V,TP,5.5x7x3mm,5mm	
CS806	2301-000192	C-FILM,PEF	1nF,5%,50V,TP,5.3x10mm,5mm	
CS807	2401-000962	C-AL	22uF,20%,50V,GP,TP,5x11,5	
CS808	2202-000263	C-CERAMIC,MLC-AXIAL	470pF,10%,50V,Y5P,TP,3.5x19,-	
CS809	2202-000263	C-CERAMIC,MLC-AXIAL	470pF,10%,50V,Y5P,TP,3.5x19,-	
CS810	2301-000356	C-FILM,PEF	47nF,5%,50V,TP,7.5x4.0x6.5,5mm	
CS811	2303-000122	PEF CAPACITOR	10nF,5%,630V,TP,19x12.5mm,7.5m	
CS812	2201-000012	C-CERAMIC,DISC	0.22NF,10%,1KV,Y5P,TP,6.3X5MM,5	
CS813	2201-000012	C-CERAMIC,DISC	0.22NF,10%,1KV,Y5P,TP,6.3X5MM,5	
CS814	2201-000556	C-CERAMIC,DISC	0.47NF,10%,500V,Y5P,TP,5.5X3MM,5	
CS815	2201-000556	C-CERAMIC,DISC	0.47NF,10%,500V,Y5P,TP,5.5X3MM,5	
CS817	2401-003872	C-AL	2200UF,20%,25V,LZ,TP,18X20MM,7.5	
CS818	2401-003872	C-AL	2200UF,20%,25V,LZ,TP,18X20MM,7.5	
CS819	2305-000411	C-FILM,MPEF	470nF,5%,50V,TP,7.3x4.8x5.5mm,	
CS820	2201-000375	C-CERAMIC,DISC	0.22NF,5%,50V,RH,TP,12.5X3.5MM,5	
CS821	2306-000122	C-FILM,MPPF	100nF,5%,50V,TP,7.3x4.0x5.0mm,	
CS822	2305-000289	C-FILM,MPEF	220nF,5%,63V,TP,-,5mm	
DI805	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	
DI806	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	
DI807	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
DI808	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	
DI809	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
DI810	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
DM801	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	
DM802	0402-000222	DIODE-RECTIFIER	EU1Z,200V,250mA,DO-41,TP	
DM803	0402-000222	DIODE-RECTIFIER	EU1Z,200V,250mA,DO-41,TP	
DM804	0402-000222	DIODE-RECTIFIER	EU1Z,200V,250mA,DO-41,TP	
DM806	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	
DP801	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
DP802	0402-000540	DIODE-RECTIFIER	RU20A,600V,1.5A,-,TP	
DP804	0404-001207	DIODE-SCHOTTKY	SB140,40V,1000MA,DO-41,TP	SNA
DP805	0404-001207	DIODE-SCHOTTKY	SB140,40V,1000MA,DO-41,TP	SNA

Loc. No.	Code No.	Description	Specification	Remarks
DP806	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	
DS801	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	
DS802	0402-000222	DIODE-RECTIFIER	EU1Z,200V,250mA,DO-41,TP	
DS803	0402-000222	DIODE-RECTIFIER	EU1Z,200V,250mA,DO-41,TP	
DS804	0402-000222	DIODE-RECTIFIER	EU1Z,200V,250mA,DO-41,TP	
FD801S	3601-001064	FUSE-AXIAL LEAD	125V,4A,FAST-ACTING,GLASS,2.4x7.5mm	
FD802S	3601-001064	FUSE-AXIAL LEAD	125V,4A,FAST-ACTING,GLASS,2.4x7.5mm	
FD803S	3601-001064	FUSE-AXIAL LEAD	125V,4A,FAST-ACTING,GLASS,2.4x7.5mm	
LM801	3301-001223	CORE-FERRITE BEAD	AA,62ohm,3.5x0.8x5mm,-,TP,HF30,-	
LP802	3301-001667	CORE-FERRITE BEAD	AA,300HM,3.5X0.62X7,1000MA,TP,FERRITE,00HM	SNA
LP803	3301-001667	CORE-FERRITE BEAD	AA,300HM,3.5X0.62X7,1000MA,TP,FERRITE,00HM	SNA
LP804	3301-001667	CORE-FERRITE BEAD	AA,300HM,3.5X0.62X7,1000MA,TP,FERRITE,00HM	SNA
LS801	3301-001223	CORE-FERRITE BEAD	AA,62ohm,3.5x0.8x5mm,-,TP,HF30,-	
MP1.0	BN41-00256A	PCB-MAIN	,FR-4,2L,A,1.6T,245X330,1A,245X285,MC-HOLE	
QI801	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400mW,TO-92,TP,120-240	
QI802	0501-000283	TR-SMALL SIGNAL	KSA539,PNP,400mW,TO-92,TP,120-240	
QI804	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400mW,TO-92,TP,120-240	
QI805	0501-000283	TR-SMALL SIGNAL	KSA539,PNP,400mW,TO-92,TP,120-240	
QI807	0501-000369	TR-SMALL SIGNAL	KSC2331-Y,NPN,1000mW,TO-92L,TP,120-240	
QI809	0501-000366	TR-SMALL SIGNAL	KSC2330-Y,NPN,1W,TO-92L,-,70-1	
QI810	0501-000366	TR-SMALL SIGNAL	KSC2330-Y,NPN,1W,TO-92L,-,70-1	
QI811	0501-000138	TR-SMALL SIGNAL	2N5401,PNP,625mW,TO-92,TP,60-240	
QM801	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400mW,TO-92,TP,120-240	
QM813	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400mW,TO-92,TP,120-240	
QP801	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400mW,TO-92,TP,120-240	
QP802	0501-000369	TR-SMALL SIGNAL	KSC2331-Y,NPN,1000mW,TO-92L,TP,120-240	
QP803	0501-000283	TR-SMALL SIGNAL	KSA539,PNP,400mW,TO-92,TP,120-240	
QP804	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400mW,TO-92,TP,120-240	
RI801	2001-001096	R-CARBON(S)	2.20HM,5%,1/2W,AA,TP,2.4X6.4MM	
RI802	2001-001146	R-CARBON(S)	4.7OHM,5%,1/2W,AA,TP,2.4X6.4MM	
RI803	2001-001120	R-CARBON(S)	3.3OHM,5%,1/2W,AA,TP,2.4X6.4MM	
RI804	2001-000085	R-CARBON(S)	100KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RI805	2001-001096	R-CARBON(S)	2.20HM,5%,1/2W,AA,TP,2.4X6.4MM	
RI806	2003-001091	R-METAL OXIDE(S)	10ohm,5%,2W,AF,TP,4x12mm	
RI807	2001-000019	R-CARBON(S)	100HM,5%,1/2W,AA,TP,2.4X6.4MM	
RI808	2001-000020	R-CARBON(S)	220HM,5%,1/2W,AA,TP,2.4X6.4MM	
RI809	2001-001105	R-CARBON(S)	200HM,5%,1/2W,AA,TP,2.4X6.4MM	
RI810	2001-000085	R-CARBON(S)	100KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RI812	2001-001152	R-CARBON(S)	47KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RI816	2004-000268	R-METAL	120ohm,1%,1/4W,AA,TP,2.4x6.4mm	
RI818	2001-001099	R-CARBON(S)	2.7KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RI820	2001-000109	R-CARBON(S)	470OHM,5%,1/2W,AA,TP,2.4X6.4MM	
RI821	2003-002007	R-METAL OXIDE(S)	4.7Kohm,5%,2W,AF,TP,3.9x10mm	
RI822	2003-002007	R-METAL OXIDE(S)	4.7Kohm,5%,2W,AF,TP,3.9x10mm	
RI823	2001-000109	R-CARBON(S)	470OHM,5%,1/2W,AA,TP,2.4X6.4MM	
RI824	2001-001088	R-CARBON(S)	1KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RI825	2001-000066	R-CARBON(S)	10KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RI826	2004-001099	R-METAL	56Kohm,1%,1/4W,AA,TP,2.4x6.4mm	
RI827	2004-001099	R-METAL	56Kohm,1%,1/4W,AA,TP,2.4x6.4mm	
RI828	2003-001090	R-METAL OXIDE(S)	10Kohm,5%,2W,AF,TP,4x12mm	
RI829	2004-001406	R-METAL(S)	8.2Kohm,1%,1/2W,AA,TP,2.4x6.4m	
RI830	2001-001108	R-CARBON(S)	22KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RI831	2001-001144	R-CARBON(S)	4.7KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RI832	2003-001090	R-METAL OXIDE(S)	10Kohm,5%,2W,AF,TP,4x12mm	
RI833	2001-000016	R-CARBON(S)	1OHM,5%,1/2W,AA,TP,2.4X6.4MM	
RI834	2009-000018	R-METAL PLATE	0.22ohm,10%,5W,CL,TP,5x14x18mm	
RI835	2001-000052	R-CARBON(S)	3.3KOHM,5%,1/2W,AA,TP,2.4X6.4MM	

Loc. No.	Code No.	Description	Specification	Remarks
RI836	2001-001152	R-CARBON(S)	47KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RI837	2001-001078	R-CARBON(S)	15KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RI838	2001-001078	R-CARBON(S)	15KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RI839	2004-002016	R-METAL(S)	15Kohm,1%,1/2W,AA,TP,2.5x6.5mm	
RM801	2001-001194	R-CARBON(S)	82KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RM802	2001-001194	R-CARBON(S)	82KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RM803	2001-001194	R-CARBON(S)	82KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RM804	2001-001103	R-CARBON(S)	20KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RM805	2001-001117	R-CARBON(S)	2KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RM806	2001-001129	R-CARBON(S)	330KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RM807	2001-001131	R-CARBON(S)	33KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RM808	2009-000022	R-METAL PLATE	0.47ohm,10%,5W,CL,TP,5x14x18mm	
RM809	2001-000037	R-CARBON(S)	330OHM,5%,1/2W,AA,TP,2.4X6.4MM	
RM810	2001-001097	R-CARBON(S)	2.4KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RM811	2001-001088	R-CARBON(S)	1KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RM812	2003-002186	R-METAL OXIDE(S)	22Kohm,5%,2W,AG,TP,3.9x12mm	
RM813	2003-002186	R-METAL OXIDE(S)	22Kohm,5%,2W,AG,TP,3.9x12mm	
RM814	2003-002186	R-METAL OXIDE(S)	22Kohm,5%,2W,AG,TP,3.9x12mm	
RM815	2001-001050	R-CARBON(S)	1.5KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RM816	2001-001088	R-CARBON(S)	1KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RM817	2001-001131	R-CARBON(S)	33KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RM818	2001-001093	R-CARBON(S)	2.2KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RM819	2001-001055	R-CARBON(S)	1.8KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RM820	2003-001023	R-METAL OXIDE(S)	120ohm,5%,2W,AF,TP,3.9x10mm	
RM821	2003-002071	R-METAL OXIDE	560ohm,5%,2W,AF,TP,3.9x10mm	
RM822	2008-001047	R-FUSIBLE(S)	68ohm,5%,2W,AF,TP,3.9x10mm	
RM823	2008-000206	R-FUSIBLE(S)	1ohm,5%,1/2W,AF,TP,2.5x6.5mm	
RM824	2001-001194	R-CARBON(S)	82KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RM825	2008-001047	R-FUSIBLE(S)	68ohm,5%,2W,AF,TP,3.9x10mm	
RP802	2003-001038	R-METAL OXIDE(S)	4.7ohm,5%,2W,AF,TP,3.9x10mm	
RP803	2009-001096	R-METAL PLATE	0.07ohm,5%,5W,CL,BK,5x14x18mm	
RP804	2003-002044	R-METAL OXIDE(S)	100ohm,5%,1W,AF,TP,2.5x6.5mm	
RP805	2009-001096	R-METAL PLATE	0.07ohm,5%,5W,CL,BK,5x14x18mm	
RP806	2001-001088	R-CARBON(S)	1KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP807	2001-001049	R-CARBON(S)	1.3KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP808	2001-001144	R-CARBON(S)	4.7KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP809	2001-001093	R-CARBON(S)	2.2KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP810	2001-001161	R-CARBON(S)	560KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP811	2001-001161	R-CARBON(S)	560KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP814	2001-001191	R-CARBON(S)	820KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP815	2001-001191	R-CARBON(S)	820KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP816	2001-001150	R-CARBON(S)	470KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP817	2001-001131	R-CARBON(S)	33KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP818	2001-000019	R-CARBON(S)	100HM,5%,1/2W,AA,TP,2.4X6.4MM	
RP819	2001-000019	R-CARBON(S)	100HM,5%,1/2W,AA,TP,2.4X6.4MM	
RP820	2001-001099	R-CARBON(S)	2.7KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP821	2001-000085	R-CARBON(S)	100KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP822	2001-000022	R-CARBON(S)	33OHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP823	2001-000022	R-CARBON(S)	33OHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP824	2004-001099	R-METAL	56Kohm,1%,1/4W,AA,TP,2.4x6.4mm	
RP825	2001-001150	R-CARBON(S)	470KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP826	2001-001078	R-CARBON(S)	15KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP827	2001-001179	R-CARBON(S)	68KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP828	2001-000107	R-CARBON(S)	150KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP829	2001-000022	R-CARBON(S)	33OHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP830	2001-001099	R-CARBON(S)	2.7KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP831	2001-001146	R-CARBON(S)	4.7OHM,5%,1/2W,AA,TP,2.4X6.4MM	

Loc. No.	Code No.	Description	Specification	Remarks
RP832	2001-001163	R-CARBON(S)	560OHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP833	2001-001154	R-CARBON(S)	5.1KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RP834	2004-002018	R-METAL(S)	220Kohm,1%,1/2W,AA,TP,2.4x6.4m	
RP835	2004-002018	R-METAL(S)	220Kohm,1%,1/2W,AA,TP,2.4x6.4m	
RP836	2004-002018	R-METAL(S)	220Kohm,1%,1/2W,AA,TP,2.4x6.4m	
RP837	2004-001395	R-METAL(S)	330Kohm,2%,1/2W,AA,TP,2.4x6.4m	
RP838	2004-000643	R-METAL	270Kohm,1%,1/4W,AA,TP,2.4x6.4m	
RP839	2004-000643	R-METAL	270Kohm,1%,1/4W,AA,TP,2.4x6.4m	
RP840	2004-004015	R-METAL(S)	9.1Kohm,1%,1/2W,AA,TP,2.5x6.5m	
RP841	2004-000216	R-METAL	10Kohm,1%,1/4W,AA,TP,2.4x6.4mm	
RP843	2003-002239	R-METAL OXIDE(S)	100KOHM,5%,2W,AF,TP,3.9X10MM	
RP844	2003-002239	R-METAL OXIDE(S)	100KOHM,5%,2W,AF,TP,3.9X10MM	
RP845	2003-002239	R-METAL OXIDE(S)	100KOHM,5%,2W,AF,TP,3.9X10MM	
RP846	2008-000261	R-FUSIBLE(S)	150ohm,5%,1W,AF,TP,3.9x10mm	
RS801	2001-001194	R-CARBON(S)	82KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RS802	2001-001194	R-CARBON(S)	82KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RS803	2001-001194	R-CARBON(S)	82KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RS804	2001-001103	R-CARBON(S)	20KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RS805	2001-001117	R-CARBON(S)	2KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RS806	2001-001129	R-CARBON(S)	330KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RS807	2009-001012	R-METAL PLATE	0.27OHM,10%,5W,CL,TP,5X14X18MM	
RS808	2001-001131	R-CARBON(S)	33KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RS809	2001-000037	R-CARBON(S)	330OHM,5%,1/2W,AA,TP,2.4X6.4MM	
RS810	2001-001097	R-CARBON(S)	2.4KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RS811	2001-001088	R-CARBON(S)	1KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RS812	2003-002186	R-METAL OXIDE(S)	22Kohm,5%,2W,AG,TP,3.9x12mm	
RS813	2003-002186	R-METAL OXIDE(S)	22Kohm,5%,2W,AG,TP,3.9x12mm	
RS814	2003-002186	R-METAL OXIDE(S)	22Kohm,5%,2W,AG,TP,3.9x12mm	
RS815	2001-001050	R-CARBON(S)	1.5KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RS816	2001-001088	R-CARBON(S)	1KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RS817	2001-001131	R-CARBON(S)	33KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RS818	2004-000216	R-METAL	10Kohm,1%,1/4W,AA,TP,2.4x6.4mm	
RS819	2004-001983	R-METAL(S)	2.49Kohm,1%,1/2W,AA,TP,2.4x6.4	
RS820	2003-002071	R-METAL OXIDE	560ohm,5%,2W,AF,TP,3.9x10mm	
RS821	2008-000206	R-FUSIBLE(S)	1ohm,5%,1/2W,AF,TP,2.5x6.5mm	
RS822	2001-001194	R-CARBON(S)	82KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RY801S	2002-001012	R-COMPOSITION	8.2Mohm,5%,1/2W,AA,TP,3.7x9mm	
VRM801	2103-000670	VR-SEMI	1Kohm,25%,1/5W,TOP	
ZDI801	0403-001328	DIODE-ZENER	MTZJ22A,20.15-21.20V,500mW,DO-34,TP	
ZDI803	0403-000718	DIODE-ZENER	MTZJ6.8B,6.8V,6.49-6.83V,500mW	
ZDI804	0403-001330	DIODE-ZENER	MTZJ30A,26.99-28.39V,500mW,DO-34,TP	
ZDI805	0403-001330	DIODE-ZENER	MTZJ30A,26.99-28.39V,500mW,DO-34,TP	
ZDI806	0403-001330	DIODE-ZENER	MTZJ30A,26.99-28.39V,500mW,DO-34,TP	
ZDI807	0403-001330	DIODE-ZENER	MTZJ30A,26.99-28.39V,500mW,DO-34,TP	
ZDI808	0403-000510	DIODE-ZENER	MTZJ6.2B,6.2V,5.96-6.27V,500mW	
ZDI809	0403-000348	DIODE-ZENER	UZ36B,36V,33-39V,500mW,DO-35,T	
ZDM801	0403-001327	DIODE-ZENER	MTZJ18A,16.22-17.06V,500mW,DO-34,TP	
ZDM802	0403-001328	DIODE-ZENER	MTZJ22A,20.15-21.20V,500mW,DO-34,TP	
ZDP801	0403-001211	DIODE-ZENER	MTZJ12B,11.44-12.03V,500mW,DO-34,TP	
ZDP802	0403-001318	DIODE-ZENER	MTZJ4.3B,4.17-4.43V,500mW,DO-34,TP	
ZDP803	0403-001325	DIODE-ZENER	MTZJ15C,14.35-15.09V,500mW,DO-34,TP	
ZDP804	0403-000510	DIODE-ZENER	MTZJ6.2B,6.2V,5.96-6.27V,500mW	
ZDP805	0403-001325	DIODE-ZENER	MTZJ15C,14.35-15.09V,500mW,DO-34,TP	
ZDS801	0403-001327	DIODE-ZENER	MTZJ18A,16.22-17.06V,500mW,DO-34,TP	
ZDS802	0403-001328	DIODE-ZENER	MTZJ22A,20.15-21.20V,500mW,DO-34,TP	
ZDT801	1203-001217	IC-POSI.ADJUST REG.	431,TO-92,3P,4.58MIL,PLASTIC,2	
ZDT802	1203-001217	IC-POSI.ADJUST REG.	431,TO-92,3P,4.58MIL,PLASTIC,2	

Loc. No.	Code No.	Description	Specification	Remarks
IC804S	BP96-00192A	ASSY HEAT SINK P	BP62-00018A,SPRING,STR-W6853,OIL SILICON	
CIS	0205-001027	OIL-SILICON	G746,-,-	SNA
CIS	1203-002827	IC-PWM CONTROLLER	STR-W6853,TO-220(FORMING),6P,16.9X10MM,PLASTIC,10.4/18.2V,1.5W,-20TO+125C,22A,-,	
CIS	BH61-00004A	SPRING ETC-TR	CDA,CDB,SUS304,-,-,-,-,-,TO.5,-,-,-	SNA
CIS	BP62-00018A	HEAT SINK-ES	VENUS,A6063S,T2.0,20,45	
DS806	BP96-00193A	ASSY HEAT SINK P	BP62-00018B,SPRING,MBRF10100CT,MBRF10100CT,OIL SILICON	
CIS	0205-001027	OIL-SILICON	G746,-,-	SNA
CIS	0402-001383	DIODE-RECTIFIER	MBRF10100CT,100V,10A,ITO-220,ST	
CIS	BH61-00004A	SPRING ETC-TR	CDA,CDB,SUS304,-,-,-,-,-,TO.5,-,-,-	SNA
CIS	BP62-00018B	HEAT SINK-ES	VENUS,A6063S,T2.0,20,70	
DI801	BP96-00195A	ASSY HEAT SINK P	BP62-00018C,SCREW,FMG-G26S(4EA),OIL SILICON	
CIS	0205-001027	OIL-SILICON	G746,-,-	SNA
CIS	0402-000231	DIODE-RECTIFIER	FMG-G26S,600V,4A,TO-220F,ST	
CIS	6003-000334	SCREW-TAPTITE	RH,+,2S,M3,L6,ZPC(YEL),SWRCH18	
CIS	BP62-00018C	HEAT SINK-ES	VENUS,A6063S,T2.0,20,70	
DM808	BP96-00196A	ASSY HEAT SINK P	BP62-00018D,SCREW,MBRF10100CT(4EA),OIL SILICON	
CIS	0205-001027	OIL-SILICON	G746,-,-	SNA
CIS	0402-001383	DIODE-RECTIFIER	MBRF10100CT,100V,10A,ITO-220,ST	
CIS	6003-000334	SCREW-TAPTITE	RH,+,2S,M3,L6,ZPC(YEL),SWRCH18	
CIS	BP62-00018D	HEAT SINK-ES	VENUS,A6063S,T2.0,20,80	
IC801S	BP96-00198A	ASSY HEAT SINK P	BP62-00018E,SCREW,SPRING,IRFB20N50K(4),STTH15R06D(2),STR-W6853,RUBBER,OIL	
CIS	0205-001027	OIL-SILICON	G746,-,-	SNA
CIS	0402-001549	DIODE-RECTIFIER	STTH15R06D,600V,15A,TO-220AC,ST	
CIS	0505-001762	FET-SILICON	IRFB20N50K,N,500V,20A,0.21OHM,280W,TO-220AB	SNA
CIS	1203-002827	IC-PWM CONTROLLER	STR-W6853,TO-220(FORMING),6P,16.9X10MM,PLASTIC,10.4/18.2V,1.5W,-20TO+125C,22A,-,	
CIS	1404-001252	THERMISTOR-PTC	85OHM,25%,16V,30VAC,-,-,BK	
CIS	6003-000335	SCREW-TAPTITE	RH,+,2S,M3,L8,ZPC(YEL),SWRCH18	SNA
CIS	BH61-00004A	SPRING ETC-TR	CDA,CDB,SUS304,-,-,-,-,-,TO.5,-,-,-	SNA
CIS	BN61-00628A	SUPPORT	NB21BS,NYLON66,T2.25,@5.25,NTR,DAWG - 5N	SNA
CIS	BN73-00047A	SILICON/RUBBER	VENUS,TC1370,17*19*TO.4,	SNA
CIS	BP62-00018E	HEAT SINK-ES	VENUS,A6063S,T2.0,20,173	
D801S	BP96-00199A	ASSY HEAT SINK P	BP62-00019A,SCREW,RBV606,OIL SILICON,32,50MM	
CIS	0205-001027	OIL-SILICON	G746,-,-	SNA
CIS	0402-001160	DIODE-BRIDGE	D5SB60,600V,6A,SIP-4,-	
CIS	6003-000334	SCREW-TAPTITE	RH,+,2S,M3,L6,ZPC(YEL),SWRCH18	
CIS	AA60-30001A	WASHER-PLATE	M3,ID3.5,15X8.5,T1.0,SBHG	SNA
CIS	BP62-00019A	HEAT SINK-ES	VENUS,A6063S,T2.0,20,50	
-	BN94-00444A	ASSY PCB POWER-SUB PCB,E4/S1	VENUS,...	SNA
CB813	2401-000957	C-AL	22UF,20%,450V,GP,BK,16X25MM,7.5	
CIS	0201-001096	ADHESIVE-HM	#3748,YEL,8500CPS,-	SNA
CIS	0202-000008	SOLDER-WIRE	S63S-W3.0,S63S,D3,63Sn/37Pb,-	SNA
CIS	0202-000187	SOLDER-WIRE FLUX	-,RS60S,D1.2,63Sn/37Pb	SNA
CIS	0204-000442	SOLVENT	1M-1000,C3H7OH,96,-	SNA
CIS	0204-001527	FLUX	DF-201TVS,MIX,0.820,FLUX 13%, 14KG	SNA
CIS	6502-000001	CABLE CLAMP	DAWH-5NB,D15,L35,NYLON66,NTR	SNA
CIS	BN39-00353A	LEAD CONNECTOR	VENUS,UL1617#22/1015#18,UL/CSA,3P,100/170MM,#22/#18,DAC-11F,35156-0300,BK,1617#2	SNA
CIS	BN39-00354A	LEAD CONNECTOR	VN40*,UL1007#26,UL/CSA,4P,130MM,#26,35155-0400,35155-0400,BK,1007#26,TUBE	SNA
CIS	BN39-00355A	LEAD CONNECTOR	VN40*,UL1617#22,UL/CSA,3(2P),130MM,#22,35156-0300,35156-0300,BK,1617 #22,TUBE	SNA
CNB811	3711-000024	CONNECTOR-HEADER	BOX,3P,1R,2.5mm,STRAIGHT,SN	
CNB812	3711-003043	CONNECTOR-HEADER	BOX,4P,1R,2.5MM,STRAIGHT,SN,IVR	

Loc. No.	Code No.	Description	Specification	Remarks
CNB813	3711-002855	CONNECTOR-HEADER	BOX,2P,1R,7.92mm,STRAIGHT,SN	
CX811S	2306-000318	C-FILM,MPPF	220nF,20%,250V,TP,-,22.5mm	
CX812S	2306-000318	C-FILM,MPPF	220nF,20%,250V,TP,-,22.5mm	
CY814S	2201-000963	C-CERAMIC,DISC	1NF,20%,400V,Y5U,TP,9.5X6MM,10	
DB11S	0402-000102	DIODE-BRIDGE	D2SB60,600V,1.5A,-	
FS811S	3601-000300	FUSE-CARTRIDGE	250V,6.3A,SLOW-BLOW,GLASS,5.2x20mm	
IC811S	1203-002177	IC-PWM CONTROLLER	VIPER12ADIP,DIP,8P,300MIL,PLASTIC,730V,15W,-40to+150C,0.36A,-,ST	
LB810	BN27-00015A	COIL CHOKE	VD063,COIL-CHOKE,80uH,+/-10%,0.010ohm,OR18x6X10H,12T,25X26X13mm,4,1.8mm,BK,-20Ct	SNA
LX813S	BN29-00001A	FILTER EMI	VENUS,SQE 3535(H),0.1ohm,AC1.5KV/1Min,10mH,36X36X29,3.5A,80-280V,BK,DC500V 100Mo	SNA
LX816S	BN29-00001A	FILTER EMI	VENUS,SQE 3535(H),0.1ohm,AC1.5KV/1Min,10mH,36X36X29,3.5A,80-280V,BK,DC500V 100Mo	SNA
LX817S	BN27-00015A	COIL CHOKE	VD063,COIL-CHOKE,80uH,+/-10%,0.010ohm,OR18x6X10H,12T,25X26X13mm,4,1.8mm,BK,-20Ct	SNA
NT811S	1404-001045	THERMISTOR-NTC	4.7ohm,15%,2900K,35.0mW,TP	
PC811S	0604-001038	PHOTO-COUPLER	TR,130-260%,200mW,DIP-4,ST	
PD811S	3711-002855	CONNECTOR-HEADER	BOX,2P,1R,7.92mm,STRAIGHT,SN	
RL811S	3501-001053	RELAY-POWER	5VDC,530mW,10000MA,1FORMA,15MS,5MS	
T811S	BN26-00004A	TRANS SWITCHING-DPMS	EE 2020,LCD-TV,400V,400V,PL-3/PM2A,6V,19*18*23,50/60Hz,3.5mH,0.5A,20uH,0.4A,6V,	SNA
CIS	BN96-00589A	ASSY MISC P-INLET	VENUS,Inlet : BN39-00393A,Bracket :BN61-00352A,Screw : 6003-001010	SNA
-	BN97-00208A	ASSY AUTO-SUB PCB	VENUS,...	SNA
CB807	2201-000014	C-CERAMIC,DISC	0.33NF,10%,1KV,Y5P,TP,6.3X5MM,5	
CB808	2305-000665	C-FILM,MPEF	100nF,5%,63V,TP,7.5x4.0x5.0mm,	
CB809	2201-000556	C-CERAMIC,DISC	0.47NF,10%,500V,Y5P,TP,5.5X3MM,5	
CB810	2201-000556	C-CERAMIC,DISC	0.47NF,10%,500V,Y5P,TP,5.5X3MM,5	
CB811	2201-000315	C-CERAMIC,DISC	2.2NF,+80-20%,250V,Y5U,TP,10X6MM,7.5	
CB812	2201-000315	C-CERAMIC,DISC	2.2NF,+80-20%,250V,Y5U,TP,10X6MM,7.5	
CB814	2301-000356	C-FILM,PEF	47nF,5%,50V,TP,7.5x4.0x6.5,5mm	
CB815	2401-000493	C-AL	10uF,20%,50V,LZ,TP,5x11mm,5mm	
CB816	2401-002300	C-AL	47uF,20%,50V,GP,TP,6.3x11,5	
CB817	2401-001101	C-AL	330uF,20%,16V,GP,TP,8x11.5,5	
CB818	2401-001101	C-AL	330uF,20%,16V,GP,TP,8x11.5,5	
CB819	2306-000122	C-FILM,MPPF	100nF,5%,50V,TP,7.3x4.0x5.0mm,	
CNB804	AA60-40014A	PIN-GT,ASSY	AUTO	SNA
CNB806	AA60-40014A	PIN-GT,ASSY	AUTO	SNA
CY811S	2201-002026	C-CERAMIC,DISC	1NF,20%,400V,Y5P,TP,11X6MM,7.5	
CY812S	2201-002026	C-CERAMIC,DISC	1NF,20%,400V,Y5P,TP,11X6MM,7.5	
CY813S	2201-002026	C-CERAMIC,DISC	1NF,20%,400V,Y5P,TP,11X6MM,7.5	
DB812	0401-000006	DIODE-SWITCHING	BAV21,250V,250mA,DO-35,TP	
DB813	0402-000546	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	
DB814	0404-001056	DIODE-SCHOTTKY	RK16,60V,1.5A,DO-204AC,TP	
DB815	0402-000132	DIODE-RECTIFIER	1N4004,400V,1A,DO-41,TP	
DB816	0401-000005	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	
DB817	0402-000254	DIODE-RECTIFIER	RGP10J,600V,1A,DO-41,TP	
EY101	6042-000002	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
EY104	6042-000002	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
EY105	6042-000002	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
EY108	6042-000002	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
EY109	6042-000002	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
EY112	6042-000002	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
EY113	6042-000002	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
EY116	6042-000002	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
EY121	6042-000002	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
EY122	6042-000002	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
EY123	6042-000002	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
EY124	6042-000002	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
FD811S	3601-001064	FUSE-AXIAL LEAD	125V,4A,FAST-ACTING,GLASS,2.4x7.5mm	
FS811A	3602-000114	FUSE-HOLDER	-,-,30mohm	

Loc. No.	Code No.	Description	Specification	Remarks
FS811B	3602-000114	FUSE-HOLDER	-,-,30mohm	
GT811	AA60-40014A	PIN-GT,ASSY	AUTO	SNA
J102	3812-000219	WIRE-NO SHEATH CU	TCWA,300V,52mm(TAPING),1/0.6mm	SNA
J103	3812-000219	WIRE-NO SHEATH CU	TCWA,300V,52mm(TAPING),1/0.6mm	SNA
J104	3812-000219	WIRE-NO SHEATH CU	TCWA,300V,52mm(TAPING),1/0.6mm	SNA
J105	3812-000219	WIRE-NO SHEATH CU	TCWA,300V,52mm(TAPING),1/0.6mm	SNA
J107	3812-000219	WIRE-NO SHEATH CU	TCWA,300V,52mm(TAPING),1/0.6mm	SNA
J108	3812-000219	WIRE-NO SHEATH CU	TCWA,300V,52mm(TAPING),1/0.6mm	SNA
LB811	3301-001223	CORE-FERRITE BEAD	AA,62ohm,3.5x0.8x5mm,-,TP,HF30,-	
LB812	2901-000299	FILTER-EMI ON BOARD	-,6A,UL/CSA,-,9x7.5,TP,-	
MP1.0	BN41-00255A	PCB-SUB	,CEM-1,1L,A,1.6T,197X330,3A,60X280,MC-HOLE/V-CUT	
PD812S	AA60-40014A	PIN-GT,ASSY	AUTO	SNA
Q813	0501-000010	TR-SMALL SIGNAL	KSC1008,NPN,800mW,TO-92,TP,120-240	
QB811	0501-000369	TR-SMALL SIGNAL	KSC2331-Y,NPN,1000mW,TO-92L,TP,120-240	
QB812	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400mW,TO-92,TP,120-240	
RB811	2003-002239	R-METAL OXIDE(S)	100KOHM,5%,2W,AF,TP,3.9X10MM	
RB812	2008-000205	R-FUSIBLE(S)	10ohm,5%,1/2W,AF,TP,2.5x6.5mm	
RB813	2008-000206	R-FUSIBLE(S)	1ohm,5%,1/2W,AF,TP,2.5x6.5mm	
RB814	2001-001072	R-CARBON(S)	120HM,5%,1/2W,AA,TP,2.4X6.4MM	
RB815	2001-000591	R-CARBON	3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
RB816	2001-000429	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
RB817	2001-000591	R-CARBON	3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
RB819	2001-000019	R-CARBON(S)	100HM,5%,1/2W,AA,TP,2.4X6.4MM	
RB820	2001-000085	R-CARBON(S)	100KOHM,5%,1/2W,AA,TP,2.4X6.4MM	
RB821	2001-000660	R-CARBON	33KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
RX811S	2002-001010	R-COMPOSITION	1.8Mohm,5%,1/2W,AA,TP,3.7x9mm	
VX811S	1405-000152	VARISTOR	560V,2500A,14x8.5mm,TP	
ZDB812	0403-001167	DIODE-ZENER	MTZJ30D,30V,29.02-30.51V,500mW	
ZDB813	0403-001328	DIODE-ZENER	MTZJ22A,20.15-21.20V,500mW,DO-34,TP	
ZDB814	0406-001007	DIODE-TVS	P6KE180A,171/180/189V,600W,CAS	
ZDB815	0406-001106	DIODE-TVS	P6KE300A,285/-/315V,600W,DO-204AC	
ZDB816	0406-001062	DIODE-TVS	P6KE200A,190/200/210V,600W,CAS	
-	BN94-00457A	ASSY PCB MISC-INPUT,E4	VN32KO	SNA
CIS	6009-001315	SCREW-SPECIAL	BH,+,-,M3,L10(4.9),ZPC(YEL),SWRCH18A,TAPTITE,-	
CIS	BN63-00604A	SHIELD-INPUT-BOT	VENUS32,SPTE,TO.5,VENUS32	
CIS1	0202-000008	SOLDER-WIRE	S63S-W3.0,S63S,D3,63Sn/37Pb,-	SNA
CIS2	0202-000187	SOLDER-WIRE FLUX	-,RS60S,D1.2,63Sn/37Pb	SNA
CIS3	0204-001527	FLUX	DF-201TVS,MIX,0.820,FLUX 13%, 14KG	SNA
CIS4	0204-000442	SOLVENT	1M-1000,C3H7OH,96,-	SNA
CIS5	0202-001167	SOLDER-CREAM	RX3603-2330HO,S45A,PASTE,SN63/PB34/BI3,FLUX 10.5%	
CN103	AA63-40276A	TERMINAL-SPK,JACK	4P,ABS VO,4,BLK	SNA
CN108	AA63-40276A	TERMINAL-SPK,JACK	4P,ABS VO,4,BLK	SNA
CN112	3722-001061	JACK-PHONE	1P,3.6PI,AG,BLK,N	
CN114	3716-001182	TERMINAL-BLOCK	-,2P,23.2MM,-,-	
CN116	3722-001061	JACK-PHONE	1P,3.6PI,AG,BLK,N	
CN124	3701-001225	CONNECTOR-DSUB	24P+4P,3R,FEMALE,STRAIGHT,AU10U	
CN135	3705-001293	CONNECTOR-COAXIAL	NT(F),ADAPTOR(J/P),-,75ohm,	SNA
CN142	3722-001734	JACK-VHS	4P,-,SN,BLK,-	
SK10	3722-001846	JACK-PIN	2P,8.3MM,AU,WHT/RED,-	
SK11	3722-001846	JACK-PIN	2P,8.3MM,AU,WHT/RED,-	
SK3	3722-001845	JACK-PIN	3P,8.3MM,AU,GRN/BLU/RED,-	
SK4	3722-001845	JACK-PIN	3P,8.3MM,AU,GRN/BLU/RED,-	
SK5	3722-001931	JACK-PIN	1P,-,AU,BLK,-	
SK6	3722-001931	JACK-PIN	1P,-,AU,BLK,-	
SK7	3722-001844	JACK-PIN	3P,8.3MM,AU,YEL/WHT/RED,-	
SK8	3722-001844	JACK-PIN	3P,8.3MM,AU,YEL/WHT/RED,-	

Loc. No.	Code No.	Description	Specification	Remarks
SK9	3722-001844	JACK-PIN	3P,8.3MM,AU,YEL/WHT/RED,-	
OP1	BN96-00482A	ASSY BOARD P-OPTICAL	VENUS,OPTICAL BOARD	SNA
-	BN97-00218A	ASSY SMD-INPUT	VN32KO	SNA
C100	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C101	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C102	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C103	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C104	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C105	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C106	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C107	2402-000135	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	
C108	2402-000135	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	
C109	2402-000135	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	
C110	2402-000135	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	
C112	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C113	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C114	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C115	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C116	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C117	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C118	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C119	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C120	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C121	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C122	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C123	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C124	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C125	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
C126	2402-000176	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C127	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C128	2203-000236	C-CERAMIC,CHIP	0.1NF,5%,50V,COG,TP,1608	
C131	2402-000135	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	
C134	2203-000440	C-CERAMIC,CHIP	1nF,10%,50V,X7R,TP,1608,-	
C135	2203-000440	C-CERAMIC,CHIP	1nF,10%,50V,X7R,TP,1608,-	
C136	2402-000135	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	
C137	2402-000135	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	
C138	2402-000135	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	
CN136	3708-001783	CONNECTOR-FPC/FFC/PIC	30P,1MM,SMD-S,SN	
CN137	3708-001783	CONNECTOR-FPC/FFC/PIC	30P,1MM,SMD-S,SN	
CN138	3708-001783	CONNECTOR-FPC/FFC/PIC	30P,1MM,SMD-S,SN	
CN139	3708-001783	CONNECTOR-FPC/FFC/PIC	30P,1MM,SMD-S,SN	
CN143	3708-001782	CONNECTOR-FPC/FFC/PIC	24P,1MM,SMD-S,SN	
CN144	3711-003161	CONNECTOR-HEADER	BOX,20P,1R,1.25MM,SMD-A,SN,BEG	
D100	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D101	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D102	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D103	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D104	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D105	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D106	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D107	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D108	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D109	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D110	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D111	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	

Loc. No.	Code No.	Description	Specification	Remarks
D112	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D113	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D114	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D115	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D116	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D117	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D118	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D119	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D120	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D121	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D122	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D123	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D124	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
D125	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
D126	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
D130	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D131	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D132	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D133	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D134	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D135	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D136	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D137	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D138	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D139	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D140	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D141	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D142	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D143	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D144	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D145	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D146	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D147	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D148	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D149	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D150	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D151	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
D152	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D154	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D155	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D156	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
D157	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
D158	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
D160	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D166	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
D167	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,200MA,SOT-23,TP	
D168	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,200MA,SOT-23,TP	
D169	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,200MA,SOT-23,TP	
D170	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,200MA,SOT-23,TP	
D171	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,200MA,SOT-23,TP	
D172	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,200MA,SOT-23,TP	
D173	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,200MA,SOT-23,TP	
D174	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,200MA,SOT-23,TP	
D175	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,200MA,SOT-23,TP	
D176	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,200MA,SOT-23,TP	
D177	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,200MA,SOT-23,TP	
D178	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	

Loc. No.	Code No.	Description	Specification	Remarks
D179	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
D180	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D181	0403-001052	DIODE-ZENER	RD8.2MB,8.2V,7.7-8.64V,200mW,S	
D182	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
D183	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
D184	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
D185	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
D186	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
D187	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	
FT100	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT102	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT106	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT107	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT108	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT109	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT110	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT111	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT112	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT113	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT114	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT115	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT116	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT117	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT118	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT119	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT120	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT121	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT122	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT123	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT132	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT135	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT136	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT919	3301-001605	CORE-FERRITE BEAD	AB,360OHM,2.0X1.2X1.2MM,100MA,TP,FERRITE,0.5OHM	SNA
FT920	3301-001605	CORE-FERRITE BEAD	AB,360OHM,2.0X1.2X1.2MM,100MA,TP,FERRITE,0.5OHM	SNA
FT921	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT923	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT924	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT925	3301-001605	CORE-FERRITE BEAD	AB,360OHM,2.0X1.2X1.2MM,100MA,TP,FERRITE,0.5OHM	SNA
FT926	3301-001605	CORE-FERRITE BEAD	AB,360OHM,2.0X1.2X1.2MM,100MA,TP,FERRITE,0.5OHM	SNA
FT927	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT928	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT929	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
L100	2703-000398	INDUCTOR-SMD	10uH,10%,3.2x2.5x2.2mm	
L101	2703-000398	INDUCTOR-SMD	10uH,10%,3.2x2.5x2.2mm	
L102	2703-000398	INDUCTOR-SMD	10uH,10%,3.2x2.5x2.2mm	
L103	2703-000398	INDUCTOR-SMD	10uH,10%,3.2x2.5x2.2mm	
L104	2703-000398	INDUCTOR-SMD	10uH,10%,3.2x2.5x2.2mm	
L105	2703-000398	INDUCTOR-SMD	10uH,10%,3.2x2.5x2.2mm	
L106	2703-000398	INDUCTOR-SMD	10uH,10%,3.2x2.5x2.2mm	
L107	2703-000398	INDUCTOR-SMD	10uH,10%,3.2x2.5x2.2mm	
L108	2703-000398	INDUCTOR-SMD	10uH,10%,3.2x2.5x2.2mm	
L109	2703-000398	INDUCTOR-SMD	10uH,10%,3.2x2.5x2.2mm	
L110	2703-000398	INDUCTOR-SMD	10uH,10%,3.2x2.5x2.2mm	
L111	2703-000398	INDUCTOR-SMD	10uH,10%,3.2x2.5x2.2mm	
L112	2703-000398	INDUCTOR-SMD	10uH,10%,3.2x2.5x2.2mm	
L113	2703-000398	INDUCTOR-SMD	10uH,10%,3.2x2.5x2.2mm	
L114	2703-000398	INDUCTOR-SMD	10uH,10%,3.2x2.5x2.2mm	

Loc. No.	Code No.	Description	Specification	Remarks
L115	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	SNA
L116	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
L117	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
L118	2703-001334	INDUCTOR-SMD	1.5uH,10%,2x1.25x0.85mm	
L119	3301-001595	CORE-FERRITE BEAD	AB,1KOHM,7.0X6.0X4.5MM,4000MA,TP,FERRITE,0.012OHM	
L120	3301-001595	CORE-FERRITE BEAD	AB,1KOHM,7.0X6.0X4.5MM,4000MA,TP,FERRITE,0.012OHM	
L121	3301-001595	CORE-FERRITE BEAD	AB,1KOHM,7.0X6.0X4.5MM,4000MA,TP,FERRITE,0.012OHM	
L122	3301-001595	CORE-FERRITE BEAD	AB,1KOHM,7.0X6.0X4.5MM,4000MA,TP,FERRITE,0.012OHM	
L123	3301-001595	CORE-FERRITE BEAD	AB,1KOHM,7.0X6.0X4.5MM,4000MA,TP,FERRITE,0.012OHM	
MP1.0	BN41-00276A	PCB SUB-INPUT PCB	VENUS,4,1.6,330*64,VENUS KOREA	
R100	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R101	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R102	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R103	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R104	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R105	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R106	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R107	2007-001164	R-CHIP	75ohm,1%,1/16W,DA,TP,1608	
R108	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R109	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R110	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R111	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R112	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R113	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R114	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R115	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R116	2007-001164	R-CHIP	75ohm,1%,1/16W,DA,TP,1608	
R117	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R118	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R121	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R122	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R123	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R124	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R125	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R126	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R128	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R129	2007-000078	R-CHIP	1Kohm,5%,1/16W,DA,TP,1608	
R130	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R131	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R132	2007-001167	R-CHIP	75ohm,5%,1/16W,DA,TP,1608	
R133	2007-000082	R-CHIP	3.3Kohm,5%,1/16W,DA,TP,1608	
R134	2007-000124	R-CHIP	2.2Kohm,5%,1/16W,DA,TP,1608	
R135	2007-000071	R-CHIP	22ohm,5%,1/16W,DA,TP,1608	
R136	2007-000071	R-CHIP	22ohm,5%,1/16W,DA,TP,1608	
R140	2007-001164	R-CHIP	75ohm,1%,1/16W,DA,TP,1608	
R141	2007-001164	R-CHIP	75ohm,1%,1/16W,DA,TP,1608	
R142	2007-000402	R-CHIP	150ohm,5%,1/16W,DA,TP,1608	
R143	2007-000402	R-CHIP	150ohm,5%,1/16W,DA,TP,1608	
R144	2007-000402	R-CHIP	150ohm,5%,1/16W,DA,TP,1608	
R145	2007-000090	R-CHIP	10KOHM,5%,1/16W,DA,TP,1608	
R146	2007-000071	R-CHIP	22ohm,5%,1/16W,DA,TP,1608	
R147	2007-000071	R-CHIP	22ohm,5%,1/16W,DA,TP,1608	
R148	2007-000071	R-CHIP	22ohm,5%,1/16W,DA,TP,1608	
R149	2007-000076	R-CHIP	330ohm,5%,1/16W,DA,TP,1608	
R150	2007-000076	R-CHIP	330ohm,5%,1/16W,DA,TP,1608	

7-2-2 LTN406W Others

Loc. No.	Code No.	Description	Specification	Remarks
- C/F+C/R	BN90-00484H 6003-001003	ASSY COVER FRONT SCREW-TAPTITE	VN40UO BH,+B,M4,L12,ZPC(BLK),SWRCH18	SNA
C/F	BN96-00381A	ASSY MISC P-POWER	32 40 VENUS,,ABS V0	SNA
C/F	BN96-00382C	ASSY COVER P-FRONT	VENUS 40,VN40UO,ABS V0	SNA
- C/R	BN90-00485H BN63-00624C	ASSY COVER REAR COVER-REAR	VN40UO VENUS 40,ABS,V0,VN40UO	SNA SNA
-	BN90-00486J	ASSY STAND	VN40KO	SNA
STD	BN96-00572A	ASSY STAND P-SPEAKER	VENUS40,SPK+STAND	SNA
- LCD	BN91-00407B BN07-00109A	ASSY LCD-S1 LCD	CK40PS LTA400W1-L01,RS24NS,8BIT FRC,933.0*576.0*55.0,16.7M,40,0.681*0.681,0-40,5.0,1 LV	SNA
-	BN91-00603H	ASSY CHASSIS-S1	VN40UO	
- CIS	BN94-00458A AA61-00719A	ASSY PCB MISC-POWER SWICH,E4/S1 HOLDER-MASTER	VN32KO J9,TOOL,-,-,-,-,MOLD	SNA SNA
CIS1	0202-000008	SOLDER-WIRE	S63S-W3.0,S63S,D3,63Sn/37Pb,-	SNA
CIS2	0202-000187	SOLDER-WIRE FLUX	-,RS60S,D1.2,63Sn/37Pb	SNA
CIS20	6003-001023	SCREW-TAPTITE	RWH,+B,M3,L10,ZPC(YEL),SWRCH1	SNA
CIS3	0204-001527	FLUX	DF-201TVS,MIX,0.820,FLUX 13%, 14KG	SNA
CIS4	0204-000442	SOLVENT	1M-1000,C3H7OH,96,-	SNA
CIS5	0202-001167	SOLDER-CREAM	RX3603-2330HO,S45A,PASTE,SN63/PB34/BI3,FLUX 10.5%	
CN129	BN39-00384A	LEAD CONNECTOR	VENUS,UL2835#28,UL/CSA,20P,110mm,#28,12507HS-20,12521HS-20,BK,SJ03-01-033	SNA
CN130	3711-000024	CONNECTOR-HEADER	BOX,3P,1R,2.5mm,STRAIGHT,SN	
CN131	3711-000566	CONNECTOR-HEADER	BOX,10P,1R,1.25mm,STRAIGHT,SN	SNA
H/MASTER+S/W OP1	6003-000117 BN32-00002A	SCREW-TAPTITE MODULE REMOCON	BH,+B,M3,L6,ZPC(YEL),SWRCH18A 846HF,38KHZ,940NM,6.8*8.8*5.9,H,BK	SNA SNA
CIS13	BN96-00483A	ASSY BOARD P-M/S	VENUS,M/S BOARD	SNA
- C131	BN97-00219A 2402-000135	ASSY SMD-POWER SWICH C-AL,SMD	VN32KO 22uF,20%,16V,GP,TP,5.3x5.3x5.4	SNA
C132	2402-000135	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	
C133	2402-000135	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	
C134	2402-001042	C-AL,SMD	100uF,20%,16V,GP,TP,6.6x6.6x5.4mm	
C135	2203-000189	C-CERAMIC,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	
FT105	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT114	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT115	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT116	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
FT118	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT132	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT133	3301-001145	CORE-FERRITE BEAD	AB,4.5x1.6x1.6mm,-,-	SNA
FT134	2901-001114	FILTER-EMI SMD	25VDC,2.0ADC,-,100nF,3.2x1.6x1	
LED1	0601-001610	LED	CHIP,YEL/GRN,2.06X2.7MM,585/565NM	
MP1.0	BN41-00278A	PCB SUB-VENUS POWER	VENUS,2,1.6,78*68,VENUS POWER BOARD	SNA
Q102	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	
Q103	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	
R167	2007-000076	R-CHIP	330ohm,5%,1/16W,DA,TP,1608	
R168	2007-000076	R-CHIP	330ohm,5%,1/16W,DA,TP,1608	
R169	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
R170	2007-000071	R-CHIP	22ohm,5%,1/16W,DA,TP,1608	

Loc. No.	Code No.	Description	Specification	Remarks
R171	2007-000857	R-CHIP	4.3Kohm,1%,1/16W,DA,TP,1608	
R172	2007-000084	R-CHIP	4.7Kohm,5%,1/16W,DA,TP,1608	
-	BN91-00604H	ASSY SHIELD	VN40UO	SNA
B/SMPS+POW/PCB	6003-000269	SCREW-TAPTITE	BH,+,S,M3,L6,ZPC(YEL),SWRCH18A	SNA
B/SMPS+SH/PCB	6003-000269	SCREW-TAPTITE	BH,+,S,M3,L6,ZPC(YEL),SWRCH18A	SNA
CIS	6046-001009	STAND OFF	M3,L3.5,Ni PLT,SUM24L,#4-40	
CIS	AA39-00206B	LEAD CONNECTOR-ASSY	,2P,400MM,YFH800-02,S,1617#22(BRN,BRN)	
CIS	BH68-30003B	LABEL-HIGH VOLTAGE	CKA4217(C),ART,100G,YEL,BLK,W30*L30,CDT-TUBE	SNA
CIS	BN39-00369B	LEAD CONNECTOR	VENUS,UL20276#30,UL/CSA,30P,350mm,#30,12507HS-30,BK,SJ03-01-029	SNA
CIS	BN39-00383B	LEAD CONNECTOR	VENUS,UL1007#26,UL/CSA,3P,90mm,#26,SMH250-03,SMH250-03,BK,SJ03-01-032	SNA
CIS	BN39-00385B	LEAD CONNECTOR	VENUS,UL1007#26,UL/CSA,14P,170mm,#26,SMH200-14,PAP-14V-S,BK,SJ03-01-031	SNA
CIS	BN39-00387A	LEAD CONNECTOR	VENUS,UL1007#26,UL/CSA,14P,70mm,#26,SMH200-14,SMH200-14,BK,SJ02-01-335,EMI-TAPE	SNA
CIS	BN61-00368A	BRACKET-GUIDE-TOP	VENUS40,SECC T1.6	
CIS	BN61-00369A	BRACKET-GUIDE-BOT	VENUS40,SECC T1.6	
CIS	BN61-00374A	BRACKET-SMPS/R	VENUS40,SECC T1.6	
CIS	BN61-00375A	BRACKET-SMPS/L	VENUS40,SECC T1.6	
CIS	BN63-00604A	SHIELD-INPUT-BOT	VENUS32,SPTT,TO.5,VENUS32	
CIS	BN73-00024B	SILICON/RUBBER-GAP PAD	POSEIDON,SILICON,28*28 T2.0,BERGQUIST	SNA
GND WIRE+BRKT-BOTTOM	6006-001035	SCREW-ASS'Y MACH	WSP,PH,+,M3,L8,ZPC(YEL),SM10C	SNA
GUID/BRKT+B/SMPS	6003-001003	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	
GUIDE/BRKT+C/F	6003-001003	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	
INPUT/PCB+C/F	6003-001003	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	
PCB/MAIN+PAN	6001-000116	SCREW-MACHINE	BH,+,M3,L12,Ni PLT,SM10C,-	
POW/PCB+C/F	6003-001003	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	
POW/SUB_PCB+C/F	6003-001003	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	
SH/INPUT+C/F	6003-001003	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	
SH/MAIN+PAN	6001-000116	SCREW-MACHINE	BH,+,M3,L12,Ni PLT,SM10C,-	
SH/TOP+SH/MAIN	6003-000269	SCREW-TAPTITE	BH,+,S,M3,L6,ZPC(YEL),SWRCH18A	SNA
CIS	BN96-00460A	ASSY MISC P-SIDE BRKT/R	40 VENUS,SECC	SNA
CIS	BN96-00461A	ASSY MISC P-SIDE BRKT/L	40 VENUS,SECC	SNA
CIS	BN96-00537A	ASSY MISC P-SHIELD MAIN PCB	32,40 VENUS,SPTT TO.5	SNA
CIS	BN96-00622A	ASSY MISC P-SHIELD SMPS	32,40 VENUS,SPTT TO.5	SNA
CIS	BN96-00623A	ASSY MISC P-SHIELD-INPUT TOP	32,40 VENUS,SPTT TO.5	SNA
-	BN92-00700H	ASSY BOX	VN40UO	SNA
BOX	AA68-50509A	LABEL-BOX	A/P 90(G),ALL MODEL,-,WHT,L250	SNA
BOX	BN69-00349A	PACKING-CASE,IN	LT40A,CB H-3,AB,1588,688,YEL	SNA
BOX	BN69-00479B	PACKING CASE-OUT	40A2(VENUS),D-4 AB,C3,YEL,SEA	SNA
-	BN92-00701D	ASSY LABEL	VN32UO	SNA
LABEL	AA68-01070A	LABEL-MODEL	-,A/P,-,30,20,-,-,ALL MODEL,-	SNA
LABEL	BN68-00269B	LABEL RATING	,TETRON,TO.05,64,78,NO PRINT	SNA
-	BN92-00702M	ASSY ACCESSORY	VN32UO	SNA
ACCESSORY	BN59-00364C	REMOCON	TM77,VENUS,S3P825AXZZ-QWRA,47,SV-012P2,NT,EX,AMERICA	SNA
UNIT/ACCESSORY	BN96-00580Q	ASSY ACCESSORY	AL40EO	
ACCESSORY	0203-000214	TAPE-OPP MASKING	OPP/W50/CLR,TO.05,W50,L400000,	SNA
ACCESSORY	4301-000121	BATTERY-MN	1.5V,-,AAA,10.5x44.5mm,HOLDER	
ACCESSORY	6902-000110	BAG PE	LDPE,TO.05,L356,W240,TRP,28,2,PE MARK	SNA
ACCESSORY	AA39-00039A	CABLE IF	-,C2680R-H,S,1P,-,3C-2V,BLK,F-CON,3000MM,-	
ACCESSORY	AA68-00371C	CARD WARRANTY-01	,SEA,W/P100(G),1 YEAR	SNA
ACCESSORY	AA68-40065B	CARD-REGISTRATION	,SEA,A5,ENG,A/P220,2P(SIDES),4	SNA
ACCESSORY	BH39-10339X	CBF POWER CORD	DET,SVT,125V/7A,BLK,1830,WALL(ST),MSP-33,MSC-30	

Loc. No.	Code No.	Description	Specification	Remarks
ACCESSORY	BN68-00448A	MANUAL USERS	LTN325W,LTN406W,SAMSUNG,E/F/S/P,ADC,00	SNA
ACCESSORY	BN69-00350B	BOX-ACCESSORY	AL29NO/AO,CB SW-1,YEL,KSD-21,60,300,230,3 COLOR PRINTING	SNA
-	BN92-00703J	ASSY P/MATERIAL	VN40KO	SNA
P/M	0203-001269	TAPE-OPP MASKING	#301,T0.06,W75,L50000,NTR	SNA
P/M	6902-000524	BAG PE	HDPE/NITRON(DOUBLE),T0.015/T0.05(DOUBLE),W1200,L1200,TRP,28 LANGUAGE,2-	SNA
P/M	AA60-40006A	PIN-STAPLE	AUTO,33X17.8X2.4,H18,33X17.8X2.4	SNA
P/M	AA61-20285A	HOLDER-BOX	3456,PP,-,-,-,WHT,VO	SNA
P/M	AA63-10007C	BAND-PP	W18,CLEA,1G	SNA
P/M	AA69-01896K	PALLET-SET	VENUS40,PAPER,1180,1060,130	
P/M	BN69-00473A	CUSHION	VENUS 40,EPS,,,,,,,,M50	SNA

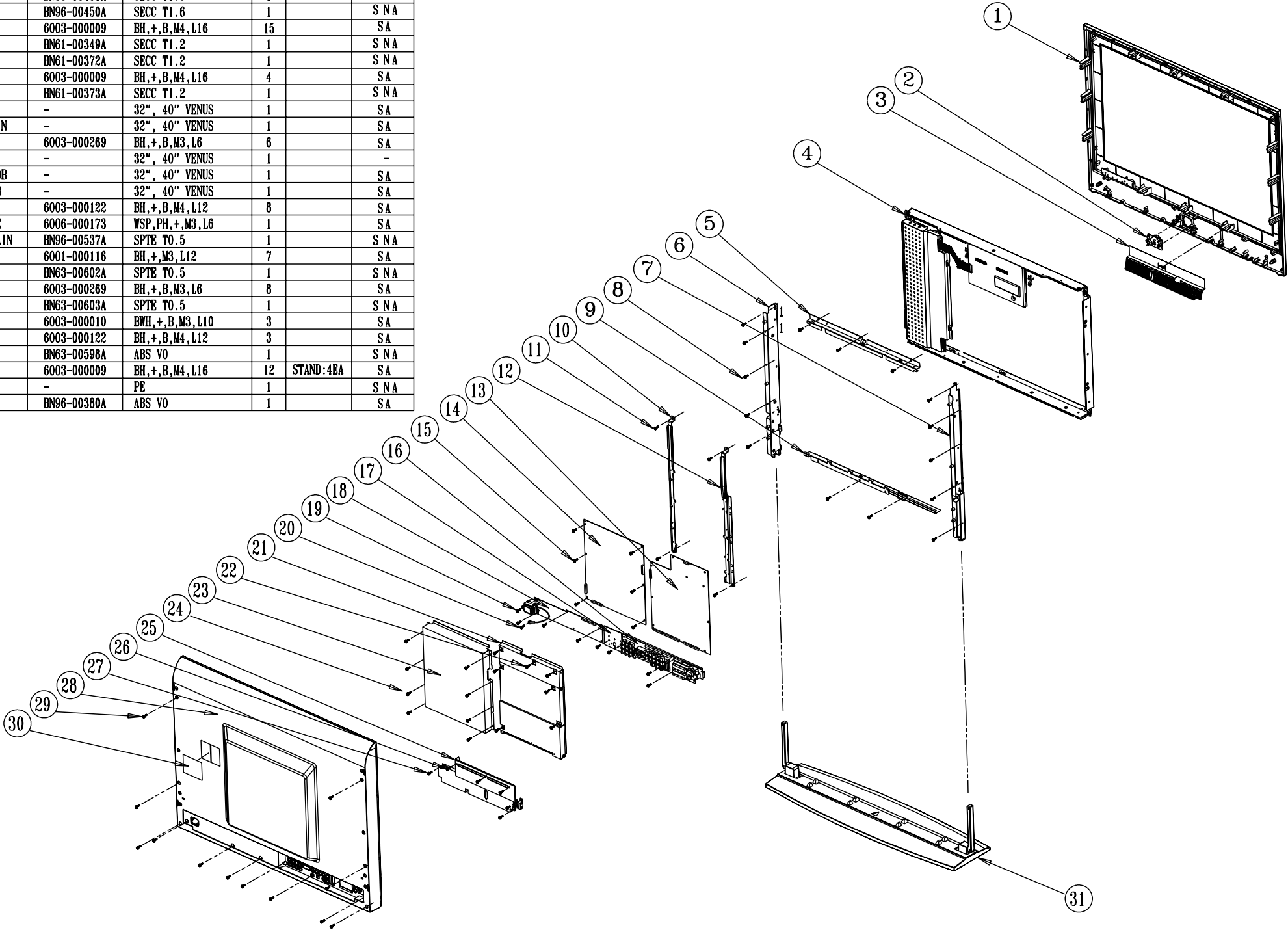
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6 Exploded View and Parts List

※ You can search for updated part codes through CMS web site.
URL : <http://ecms.samsungelectronics.com/>

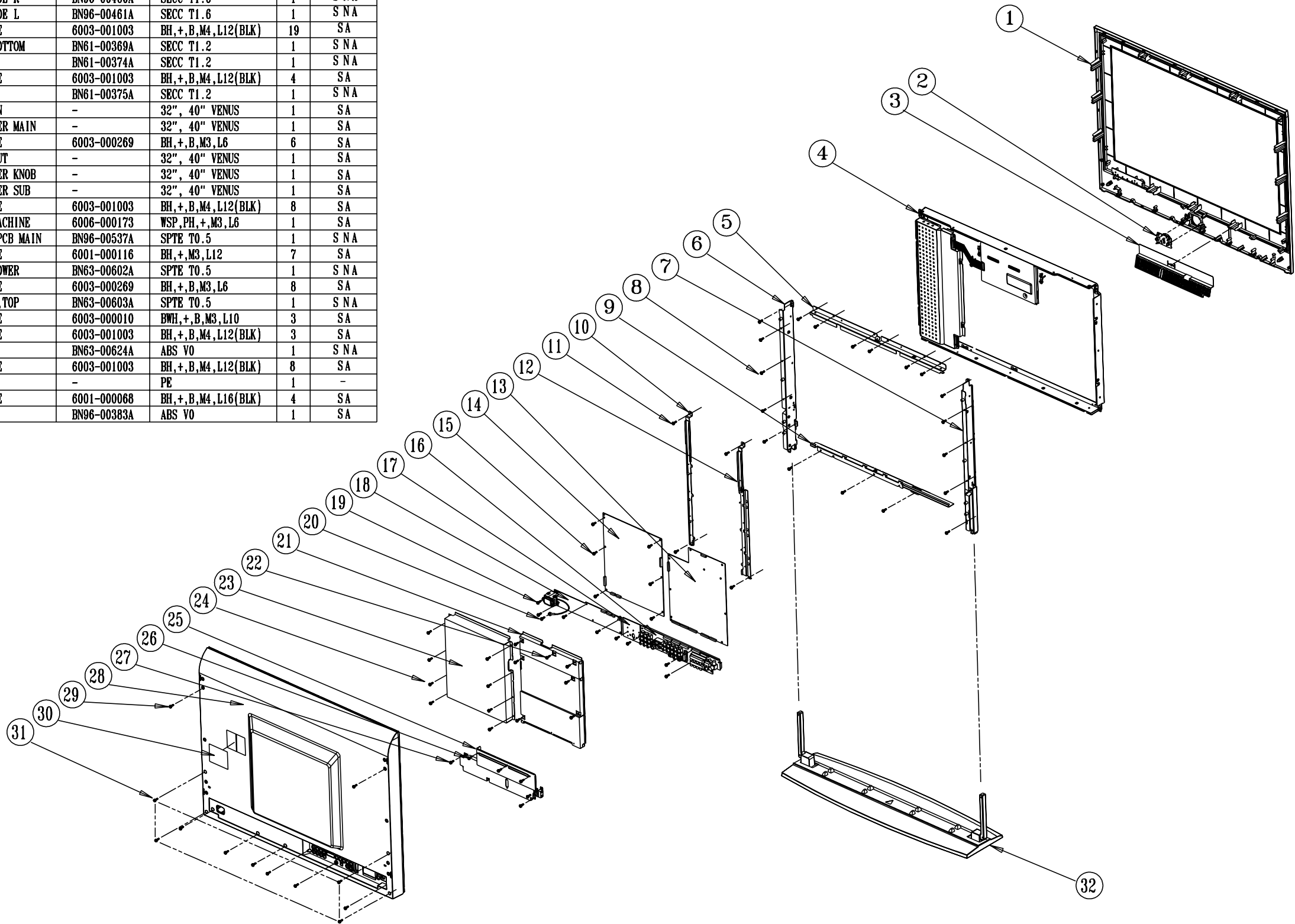
6-1 LTN325W

NO	PART NAME	CODE NO	SPEC.	Q'TY	REMARK
1	UNIT,COVER-FRONT	BN96-00379A	ABS V0	1	SA
2	UNIT,KNOB-POWER	BN96-00381A	ABS V0	1	SA
3	SHIELD-INPUT,EARTH	BN63-00605A	SPTE T0.5	1	S N A
4	32" AMLCD PANEL	-	32"	1	-
5	BRKT-GUIDE, TOP	BN61-00348A	SECC T1.2	1	S N A
6	UNIT,BRKT-SIDE R	BN96-00451A	SECC T1.6	1	S N A
7	UNIT,BRKT-SIDE L	BN96-00450A	SECC T1.6	1	S N A
8	SCREW TAPTITE	6003-000009	BH,+B,M4,L16	15	SA
9	BRKT-GUIDE,BOTTOM	BN61-00349A	SECC T1.2	1	S N A
10	BRKT-SMPS,R	BN61-00372A	SECC T1.2	1	S N A
11	SCREW TAPTITE	6003-000009	BH,+B,M4,L16	4	SA
12	BRKT-SMPS,L	BN61-00373A	SECC T1.2	1	S N A
13	ASSY PCB MAIN	-	32", 40" VENUS	1	SA
14	ASSY PCB POWER MAIN	-	32", 40" VENUS	1	SA
15	SCREW TAPTITE	6003-000269	BH,+B,M3,L6	6	SA
16	ASSY PCB INOUT	-	32", 40" VENUS	1	-
17	ASSY PCB POWER KNOB	-	32", 40" VENUS	1	SA
18	ASSY PCB POWER SUB	-	32", 40" VENUS	1	SA
19	SCREW TAPTITE	6003-000122	BH,+B,M4,L12	8	SA
20	UNIT,SCREW MACHINE	6006-000173	WSP,PH,+,M3,L6	1	SA
21	UNIT,SHIELD-PCB MAIN	BN96-00537A	SPTE T0.5	1	S N A
22	SCREW MACHINE	6001-000116	BH,+,M3,L12	7	SA
23	SHIELD-PCB POWER	BN63-00602A	SPTE T0.5	1	S N A
24	SCREW TAPTITE	6003-000269	BH,+B,M3,L6	8	SA
25	SHIELD-INPUT, TOP	BN63-00603A	SPTE T0.5	1	S N A
26	SCREW TAPTITE	6003-000010	BWH,+,B,M3,L10	3	SA
27	SCREW TAPTITE	6003-000122	BH,+,B,M4,L12	3	SA
28	COVER-REAR	BN63-00598A	ABS V0	1	S N A
29	SCREW TAPTITE	6003-000009	BH,+,B,M4,L16	12	STAND:4EA SA
30	LABEL-RATING	-	PE	1	S N A
31	UNIT,STAND	BN96-00380A	ABS V0	1	SA



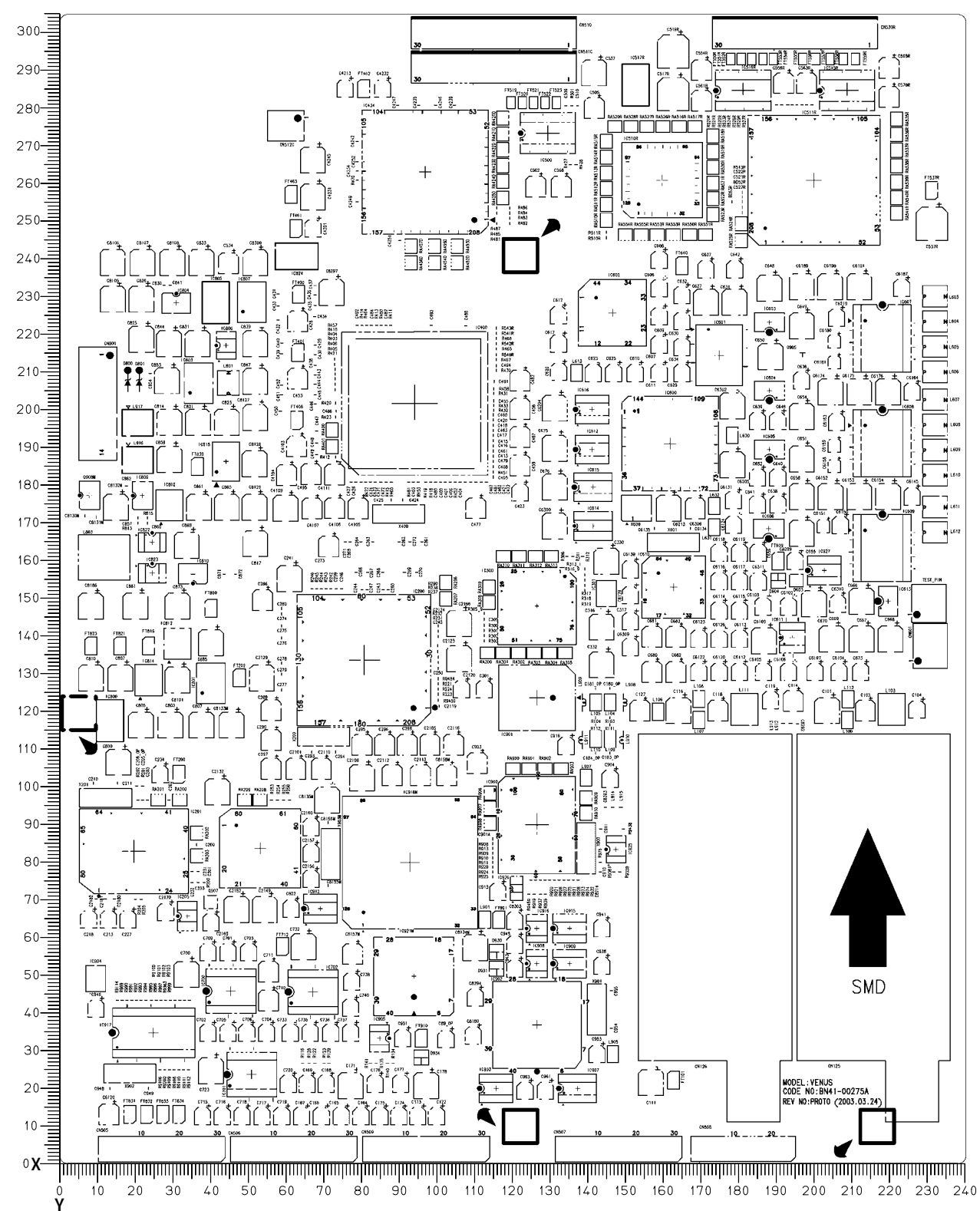
6-2 LTN406W

NO	PART NAME	CODE NO	SPEC.	Q'TY	REMARK
1	UNIT,COVER-FRONT	BN96-00382A	ABS V0	1	SA
2	UNIT,KNOB-POWER	BN96-00381A	ABS V0	1	SA
3	SHIELD-INPUT,EARTH	BN63-00605A	SPTE T0.5	1	S NA
4	40" AMLCD PANEL	-	40"	1	SA
5	BRKT-GUIDE, TOP	BN61-00368A	SECC T1.2	1	S NA
6	UNIT,BRKT-SIDE R	BN96-00460A	SECC T1.6	1	S NA
7	UNIT,BRKT-SIDE L	BN96-00461A	SECC T1.6	1	S NA
8	SCREW TAPTITE	6003-001003	BH,+B,M4,L12(BLK)	19	SA
9	BRKT-GUIDE,BOTTOM	BN61-00369A	SECC T1.2	1	S NA
10	BRKT-SMPS,R	BN61-00374A	SECC T1.2	1	S NA
11	SCREW TAPTITE	6003-001003	BH,+B,M4,L12(BLK)	4	SA
12	BRKT-SMPS,L	BN61-00375A	SECC T1.2	1	S NA
13	ASSY PCB MAIN	-	32", 40" VENUS	1	SA
14	ASSY PCB POWER MAIN	-	32", 40" VENUS	1	SA
15	SCREW TAPTITE	6003-000269	BH,+B,M3,L6	6	SA
16	ASSY PCB INOUT	-	32", 40" VENUS	1	SA
17	ASSY PCB POWER KNOB	-	32", 40" VENUS	1	SA
18	ASSY PCB POWER SUB	-	32", 40" VENUS	1	SA
19	SCREW TAPTITE	6003-001003	BH,+B,M4,L12(BLK)	8	SA
20	UNIT,SCREW MACHINE	6006-000173	WSP,PH,+M3,L6	1	SA
21	UNIT,SHIELD-PCB MAIN	BN96-00537A	SPTE T0.5	1	S NA
22	SCREW MACHINE	6001-000116	BH,+M3,L12	7	SA
23	SHIELD-PCB POWER	BN63-00602A	SPTE T0.5	1	S NA
24	SCREW TAPTITE	6003-000269	BH,+B,M3,L6	8	SA
25	SHIELD-INPUT, TOP	BN63-00603A	SPTE T0.5	1	S NA
26	SCREW TAPTITE	6003-000010	BWH,+B,M3,L10	3	SA
27	SCREW TAPTITE	6003-001003	BH,+B,M4,L12(BLK)	3	SA
28	COVER-REAR	BN63-00624A	ABS V0	1	S NA
29	SCREW TAPTITE	6003-001003	BH,+B,M4,L12(BLK)	8	SA
30	LABEL-RATING	-	PE	1	-
31	SCREW TAPTITE	6001-000068	BH,+B,M4,L16(BLK)	4	SA
32	UNIT,STAND	BN96-00383A	ABS V0	1	SA



10 PCB Layout

10-1 PCB Layout Top



Loc. No.	Description	X	Y
DIODE			
D100	DIODE-ZENER	227.33	113.98
D101	DIODE-SWITCHING	223.20	118.43
D102	DIODE-ZENER	188.28	113.98
D103	DIODE-SWITCHING	184.15	118.43
D106	DIODE-SWITCHING	66.00	22.75
D107	DIODE-SWITCHING	71.25	22.75
D108	DIODE-SWITCHING	79.75	6.50
D109	DIODE-SWITCHING	74.50	6.50
D110	DIODE-SWITCHING	69.25	6.50
D111	DIODE-SWITCHING	64.00	6.50
D112	DIODE-SWITCHING	87.50	22.50
D113	DIODE-SWITCHING	83.00	22.50
D114	DIODE-SWITCHING	99.75	6.50
D115	DIODE-SWITCHING	94.75	6.50
D116	DIODE-SWITCHING	89.75	6.50
D117	DIODE-SWITCHING	84.75	6.50
D300	DIODE-ZENER	145.73	141.61
D600	DIODE-ZENER	203.84	138.43
D601	DIODE-SWITCHING	194.63	144.46
D603	DIODE-ZENER	195.00	152.25
D604	DIODE-SWITCHING	190.25	152.25
D710	DIODE-SWITCHING	38.75	37.50
D711	DIODE-SWITCHING	38.75	31.50
D712	DIODE-SWITCHING	46.25	37.50
D713	DIODE-SWITCHING	44.50	31.50
D714	DIODE-SWITCHING	49.50	31.50
D715	DIODE-SWITCHING	37.75	8.00
D716	DIODE-SWITCHING	43.00	8.00
D717	DIODE-SWITCHING	53.50	8.00
D718	DIODE-SWITCHING	60.50	17.25
D800	DIODE-ZENER	18.00	202.50
D801	DIODE-ZENER	21.00	202.50
D803	DIODE-SCHOTTKY	38.90	216.30
D805	DIODE-SCHOTTKY	25.00	156.60
D902	DIODE-ZENER	140.60	71.10
D930	DIODE-ARRAY	115.75	52.00
D931	DIODE-ARRAY	115.75	47.50
D932	DIODE-SWITCHING	117.00	22.00
D933	DIODE-SCHOTTKY	201.25	156.00
D934	DIODE-ARRAY	95.75	23.50
IC			
IC101	IC-CMOS LOGIC	87.00	16.00
IC102	IC-CMOS LOGIC	68.75	16.00
IC200	IC-VIDEO PROCESS	80.65	130.81
IC201	IC-VIDEO PROCESS	19.60	79.20
IC202	IC-A/D CONVERTER	53.02	80.01

Loc. No.	Description	X	Y
IC203	IC-DRAM	56.63	133.38
IC204	IC-DRAM	86.38	157.00
IC205	IC-VIDEO SYSTEM	33.75	61.75
IC300	IC-RECEIVER	126.37	145.42
IC301	IC-VOL. DETECTOR	144.78	148.91
IC400	IC-LCD CONTROLLER	93.98	200.03
IC401	IC-DRAM	63.50	220.88
IC402	IC-DRAM	63.50	196.38
IC429	IC-DRAM	81.00	244.00
IC430	IC-DRAM	81.00	269.25
IC434	IC-DISPLAY DRIVER	96.75	262.50
IC500	IC-TRANSMITTER	129.25	273.00
IC600	IC-DSP	161.61	189.23
IC601	IC-VOLUME/TONE CONT.	174.63	213.04
IC602	IC-CODEC	146.37	224.47
IC603	IC-OP AMP	187.96	221.93
IC604	IC-OP AMP	187.96	203.52
IC605	IC-OP AMP	187.96	187.64
IC606	IC-OP AMP	187.75	166.25
IC607	IC-AUDIO AMP	217.81	216.85
IC608	IC-AUDIO AMP	217.81	188.60
IC609	IC-AUDIO AMP	217.81	160.34
IC610	IC-SOUND PROCESSOR	162.56	150.50
IC611	IC-ANALOG MULTIPLEX	193.99	136.84
IC612	IC-ANALOG SWITCH	140.97	187.64
IC613	IC-AUDIO AMP	219.39	146.69
IC614	IC-CMOS LOGIC	141.29	167.01
IC615	IC-CMOS LOGIC	141.29	177.48
IC616	IC-ANALOG SWITCH	140.97	198.44
IC700	IC-VIDEO SWITCH	45.25	41.50
IC701	IC-VIDEO SWITCH	50.75	19.00
IC702	IC-VIDEO SWITCH	66.99	41.28
IC800	IC-VOLTAGE REGULATOR	13.25	114.50
IC801	IC-POSIFIXED REG.	40.00	124.75
IC802	IC-VOLTAGE REGULATOR	29.00	172.60
IC803	IC-POSIFIXED REG.	36.75	205.75
IC804	FET-SILICON	30.80	227.20
IC805	IC-VOLTAGE REGULATOR	41.28	227.33
IC806	IC-DC/DC CONVERTER	44.00	215.70
IC807	IC-POSIFIXED REG.	50.80	227.65
IC809	FET-SILICON	21.80	175.20
IC810	FET-SILICON	35.24	153.99
IC812	IC-VOLTAGE REGULATOR	31.12	135.26
IC814	IC-VOLTAGE REGULATOR	23.50	125.41
IC815	IC-VOLTAGE REGULATOR	44.00	184.40
IC822	IC-PWM CONTROLLER	24.40	162.60
IC823	FET-SILICON	24.45	154.31
IC824	IC-VOLTAGE REGULATOR	62.75	239.75

Loc. No.	Description	X	Y
IC900	IC-DECODER	126.37	86.36
IC901	IC-EPROM	126.37	120.65
IC902	IC-MICROCONTROLLER	126.37	32.39
IC903	IC-CMOS LOGIC	115.57	15.24
IC904	IC-VOL. DETECTOR	9.50	45.00
IC905	IC-EEPROM	84.75	28.75
IC907	IC-CMOS LOGIC	137.16	15.24
IC908	IC-EEPROM	126.30	48.90
IC909	IC-ANALOG SWITCH	135.00	48.90
IC912	IC-ANALOG SWITCH	69.00	63.75
IC914	IC-ANALOG SWITCH	126.37	32.39
IC915	IC-ANALOG SWITCH	135.00	58.40
IC916	IC-EEPROM	126.30	58.40
IC917	IC MICOM	24.75	30.25
IC924	IC-CMOS LOGIC	101.50	34.90
IC925	IC-RESET	147.25	79.75
IC926	IC-POWER SUPERVISOR	120.97	69.22
IC927	IC-TTL	202.50	155.00
TRANSISTOR			
Q100	TR-SMALL SIGNAL	216.85	118.11
Q101	TR-SMALL SIGNAL	177.80	118.11
Q600	TR-SMALL SIGNAL	199.50	143.75
Q601	FET-SILICON	191.75	161.25
Q602	TR-SMALL SIGNAL	150.18	157.16
Q603	FET-SILICON	192.75	156.50
Q612	FET-SILICON	188.00	156.50
Q700	TR-SMALL SIGNAL	56.25	40.75
Q701	TR-SMALL SIGNAL	54.80	48.60
Q800	TR-SMALL SIGNAL	17.50	221.50
Q801	TR-SMALL SIGNAL	13.50	221.50
Q802	TR-SMALL SIGNAL	28.20	229.40
Q803	TR-SMALL SIGNAL	33.60	229.40
Q804	TR-SMALL SIGNAL	13.00	181.50
Q805	TR-SMALL SIGNAL	11.50	173.25
Q806	TR-SMALL SIGNAL	43.82	152.72
Q807	TR-SMALL SIGNAL	51.75	152.72
Q820	TR-SMALL SIGNAL	17.00	123.50
Q900	TR-SMALL SIGNAL	117.00	60.75
Q901	TR-SMALL SIGNAL	127.32	89.22
Q902	TR-SMALL SIGNAL	132.40	47.00
Q903	TR-SMALL SIGNAL	130.49	13.02
Q904	TR-SMALL SIGNAL	116.84	41.28
Q905	FET-SILICON	196.75	213.75
Q906	TR-SMALL SIGNAL	128.75	56.25
Q907	TR-SMALL SIGNAL	40.00	65.50
Q908	FET-SILICON	136.60	153.40
Q909	FET-SILICON	136.60	157.40

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 Monitor

1. When servicing the LCD Monitor 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 monitor.
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).

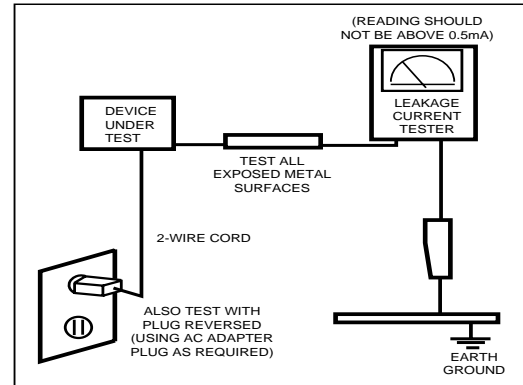


Figure 1-1. Leakage Current Test Circuit

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 monitor.
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	
	LTN325W	LTN406W
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally black transmissive, (32 -Inch) viewable, 0.537 mm pixel pitch	TFT-LCD panel, RGB vertical stripe, normally black transmissive, (40-Inch) viewable, 0.681 mm pixel pitch
Scanning Frequency	Horizontal : 30 kHz ~ 61 kHz Vertical : 56 Hz ~ 75 Hz	
Display Colors	16.7 Million colors	
Maximum Resolution	Horizontal : 1280 Pixels Vertical : 768 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 ~ 60 Hz	
Power Consumption	180W (max)	260W (max)
Dimensions Set (W x D x H)	31.5 x 3.4 x 23.5 Inches (801 x 87 x 597 mm) Without Stand 31.5 x 8.6 x 24.6 Inches (801 x 218 x 625 mm) After Installation of Stand	38.9 x 3.4 x 28.0 Inches (988 x 87 x 710 mm) Without Stand 38.9 x 12.5 x 29.1 Inches (998 x 317 x 740 mm) After Installation of Stand
Package (W x D x H)	38.2 x 19.6 x 31.8 Inches (970 x 498 x 807 mm)	46.5 x 20.7 x 38.2 Inches (1180 x 527 x 971 mm)
Weight (Set x Package)	22.0 kg (48.6 lbs) / 30.0 kg (66.1 lbs)	32.0 kg (70.5 lbs)/ 45.0 kg (99.2 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	<ul style="list-style-type: none">• Max Internal speaker Out Main : Right ≤ 10 W / Left≤ 10 W Surround : Right ≤ 10 W / Left≤ 10 W Center : 10 W• Bass control Range : -6 ± -12dB ~ +6 ± 12dB• Treble control Range : -10 ± -12dB ~ +10 ± 12dB• Output frequency : RF≤ 80 Hz~15 kHz / A/V≤ 80 Hz~20 kHz• Line out : RF≤ 80 Hz~15 kHz / A/V≤ 80 Hz~20 kHz	
<ul style="list-style-type: none">• SyncMaster LTN325W/LTN406W complies with SWEDAC (MPRII) recommendations for reduced electromagnetic fields.• Designs and specifications are subject to change without prior notice.		

2-2 Pin Assignments

2-2-1 DVI / PC

Pin No.	30 Pin Signal Cable (DVI Analog)	Pin No.	30 Pin Signal Cable (DVI Analog)
1	RX2+	16	GND
2	RX2-	17	Check . D-Sub
3	GND	18	GND
4	RX1+	19	DDC_5V
5	RX1-	20	DDC_5V
6	GND	21	GND
7	RX0+	22	V/Sync
8	RX0-	23	GND
9	GND	24	H/Sync
10	RXC+	25	GND
11	RXC-	26	Blue
12	GND	27	GND
13	DDC (Clock)	28	Green
14	DDC (Data)	29	GND
15	GND	30	Red

2-2-2 DVD, DTV

RCA Green	Y
	GND
RCA Blue	Pb (Cb)
	GND
RCA Red	Pr (Cr)
	GND
RCA White	Audio L
	GND
RCA Red	Audio R
	GND

2-2-3 S-Video

Pin No.	Separate Sync
1	GND
2	Y
3	C
4	GND
5	GND

2-2-4 A / V

RCA Green	CVBS
RCA Blue	Audio L
	GND
RCA Red	Audio R
	GND

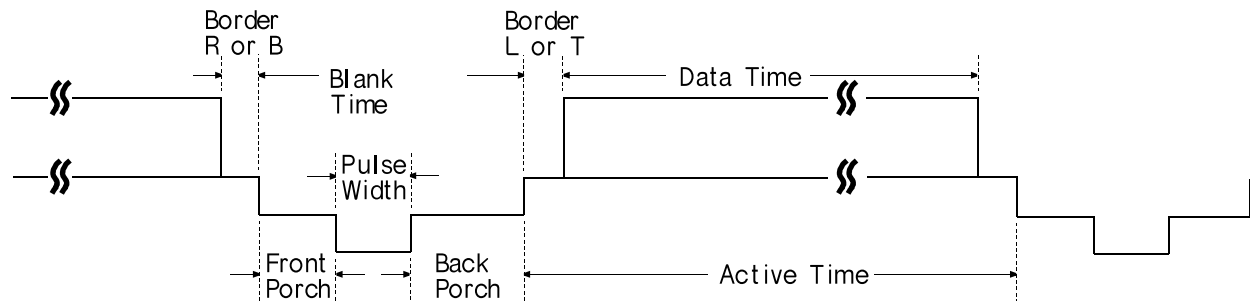
2-3 Timing Chart

2-3-1 Recommended display mode 1280 X 768 60Hz

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

Table 2-1 Timing chart (*Panel Mode*)

Timing No.	
Originator	VESA
Mode	1280/60Hz
Resolution (HxV)	1280x768
HORIZONTAL	
Frequency	47.700kHz
Total time	20.964 μ s
Active time	15.973 μ s
Blank time	4.992 μ s
Border (L / R)	0.000 μ s
Data time	15.964 μ s
Front porch	0.799 μ s
Sync. width	1.697 μ s
Back porch	2.496 μ s
Sync. polarity	Negative
VERTICAL	
Frequency	60.000Hz
Total time	16.667ms
Active time	16.101ms
Blank time	0.566ms
Border (T / B)	0.000ms
Data time	16.101ms
Front porch	20.964ms
Sync. width	62.893ms
Back porch	482.180
Sync. polarity	Positive
Dot Clock	80.136MHz
Sync. Type	Separate
Scan Type*	N/I



2-3-2 Other display mode (PC)

Resolution : 640X480, Horizontal Frequency : 72Hz Spec. VESA

Resolution : 640X480, Horizontal Frequency : 75Hz Spec. VESA

Resolution : 640X480, Horizontal Frequency : 67Hz Spec. VESA

Resolution : 640X480, Horizontal Frequency : 60Hz Spec. IBM

Resolution : 720X400, Horizontal Frequency : 70Hz Spec. IBM

Table 2-2 Timing chart (Continued)

Timing No. Originator Mode Resolution (HxV)	9 VESA 640/72Hz 640x480	15 VESA 640/75Hz 640x480	73 MAC 640/67Hz 640x480	3 IBM VGA3 640x480	2 IBM VGA2 720x400
HORIZONTAL Frequency	37.861kHz	37.500kHz	35.000kHz	31.469kHz	31.469kHz
Total time	26.413 μ s	26.667 μ s	28.571 μ s	31.778 μ s	31.777 μ s
Active time	20.825 μ s	20.317 μ s	21.164 μ s	26.058 μ s	26.058 μ s
Blank time	5.587 μ s	6.349 μ s	7.407 μ s	5.720 μ s	5.720 μ s
Border (L / R)	0.254 μ s	0.000 μ s	0.000 μ s	0.318 μ s	0.318 μ s
Data time	20.317 μ s	20.317 μ s	21.164 μ s	25.422 μ s	25.422 μ s
Front porch	0.508 μ s	0.508 μ s	2.116 μ s	0.318 μ s	0.318 μ s
Sync. width	1.270 μ s	2.032 μ s	2.116 μ s	3.813 μ s	3.813 μ s
Back porch	3.810 μ s	3.810 μ s	3.175 μ s	1.589 μ s	1.589 μ s
Sync. polarity	Negative	Negative	Negative	Negative	Negative
VERTICAL Frequency	72.809Hz	75.000Hz	66.667Hz	59.940Hz	70.087Hz
Total time	13.735ms	13.333ms	15.000ms	16.683ms	14.268ms
Active time	13.101ms	12.800ms	13.714ms	15.761ms	13.155ms
Blank time	0.634ms	0.533ms	1.286ms	0.922ms	1.113ms
Border (T / B)	0.211ms	0.000ms	0.000ms	0.254ms	0.222ms
Data time	12.678ms	12.800ms	13.714ms	15.253ms	12.711ms
Front porch	0.026ms	0.027ms	0.086ms	0.064ms	0.191ms
Sync. width	0.079ms	0.080ms	0.086ms	0.064ms	0.064ms
Back porch	0.528ms	0.427ms	1.114ms	0.794ms	0.858ms
Sync. polarity	Negative	Negative	Negative	Negative	Positive
Dot Clock	31.500MHz	31.500MHz	30.240MHz	25.175MHz	28.322MHz
Sync. Type	Separate	Separate	Separate	Separate	Separate
Scan Type	N/I	N/I	N/I	N/I	N/I

2-3-3 Other display mode (PC)

Resolution : 800X600, Vertical Frequency : 60Hz Spec. VESA
 Resolution : 800X600, Vertical Frequency : 72Hz Spec. VESA
 Resolution : 800X600, Vertical Frequency : 75Hz Spec. VESA
 Resolution : 832X624, Vertical Frequency : 75Hz Spec. MAC
 Resolution : 1024X768, Vertical Frequency : 60Hz Spec. VESA

Table 2-3 Timing chart (Continued)

Timing No. Originator Mode Resolution (HxV)	11 VESA 800/60Hz 800x600	12 VESA 800/72Hz 800x600	18 VESA 800/75Hz 800x600	74 MAC 832/75Hz 832x624	13 VESA 1024/60Hz 1024x768
HORIZONTAL Frequency	37.879kHz	48.077kHz	46.875kHz	49.726kHz	48.363kHz
Total time	26.400 μ s	20.800 μ s	21.333 μ s	20.110 μ s	20.677 μ s
Active time	20.000 μ s	16.000 μ s	16.162 μ s	14.524 μ s	15.754 μ s
Blank time	6.400 μ s	4.800 μ s	5.171 μ s	5.171 μ s	4.923 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
Data time	20.000 μ s	16.000 μ s	16.162 μ s	14.524 μ s	15.754 μ s
Front porch	1.000 μ s	1.120 μ s	0.323 μ s	0.559 μ s	0.369 μ s
Sync. width	3.200 μ s	2.400 μ s	1.616 μ s	1.117 μ s	2.092 μ s
Back porch	2.200 μ s	1.280 μ s	3.232 μ s	3.910 μ s	2.462 μ s
Sync. polarity	Positive	Positive	Positive	Positive	Negative
VERTICAL Frequency	60.317Hz	72.188Hz	75.000Hz	74.551Hz	60.000Hz
Total time	16.579ms	13.853ms	13.333ms	13.414ms	16.666ms
Active time	15.840ms	12.480ms	12.800ms	12.549ms	15.880ms
Blank time	0.739ms	1.373ms	0.533ms	0.864ms	0.786ms
Border (T / B)	0.000ms	0.000ms	0.000ms	0.000ms	0.000ms
Data time	12.678ms	12.480ms	12.800ms	12.549ms	15.880ms
Front porch	0.026ms	0.770ms	0.021ms	0.020ms	0.062ms
Sync. width	0.079ms	0.125ms	0.064ms	0.060ms	0.124ms
Back porch	0.528ms	0.478ms	0.448ms	0.784ms	0.600ms
Sync. polarity	Positive	Positive	Positive	Positive	Negative
Dot Clock	40.000MHz	50.000MHz	49.500MHz	49.500MHz	65.000MHz
Sync. Type	Separate	Separate	Separate	Separate	Separate
Scan Type	N/I	N/I	N/I	N/I	N/I

2-3-4 Other display mode (PC)

Resolution : 1024X768, Vertical Frequency : 70Hz Spec. VESA

Resolution : 1024X768, Vertical Frequency : 75Hz Spec. VESA

Table 2-4 Timing chart (*Continued*)

Timing No. Originator Mode Resolution (HxV)	14 VESA 1024/70Hz 1024x768	17 VESA 1024/75Hz 1024x768
HORIZONTAL Frequency	56.476kHz	60.023kHz
Total time	17.707 μ s	16.660 μ s
Active time	13.653 μ s	13.003 μ s
Blank time	4.053 μ s	3.657 μ s
Border (L / R)	0.000 μ s	0.000 μ s
Data time	13.653 μ s	13.003 μ s
Front porch	0.320 μ s	0.203 μ s
Sync. width	1.813 μ s	1.219 μ s
Back porch	1.920 μ s	2.235 μ s
Sync. polarity	Negative	Positive
VERTICAL Frequency	70.069Hz	75.029Hz
Total time	14.272ms	13.328ms
Active time	13.599ms	12.795ms
Blank time	0.673ms	0.533ms
Border (T / B)	0.000ms	0.000ms
Data time	13.599ms	12.795ms
Front porch	0.053ms	0.017ms
Sync. width	0.106ms	0.050ms
Back porch	0.513ms	0.466ms
Sync. polarity	Negative	Positive
Dot Clock	75.000MHz	78.750MHz
Sync. Type	Separate	Separate
Scan Type	N/I	N/I

Table 2-5 Abbreviations

Table 2-1 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 2-6 Table of Acronyms

Table 2-1 Abbreviations			
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		

11 Schematic Diagrams

11-1 DPTV, VPC3230, MST 9883 Block Schematic Diagram

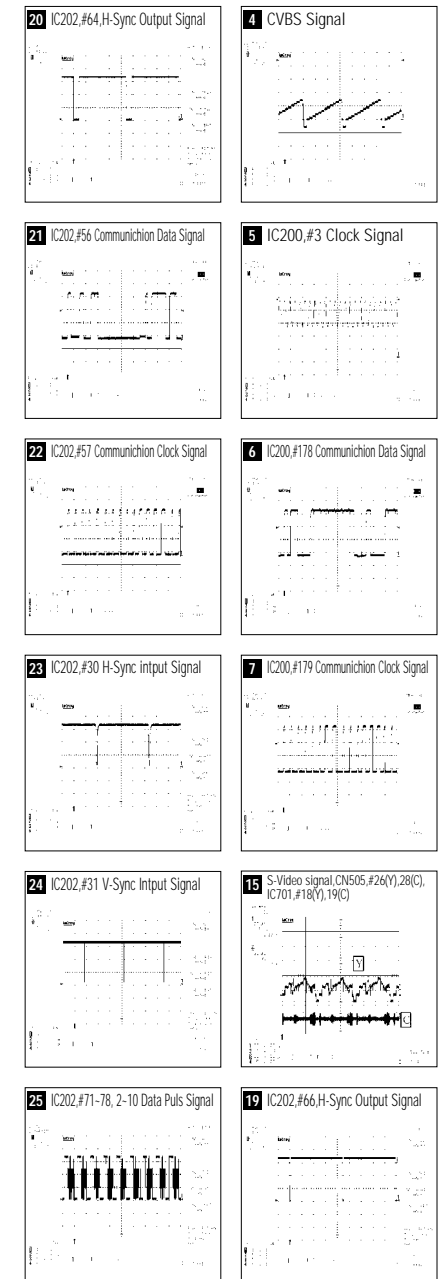
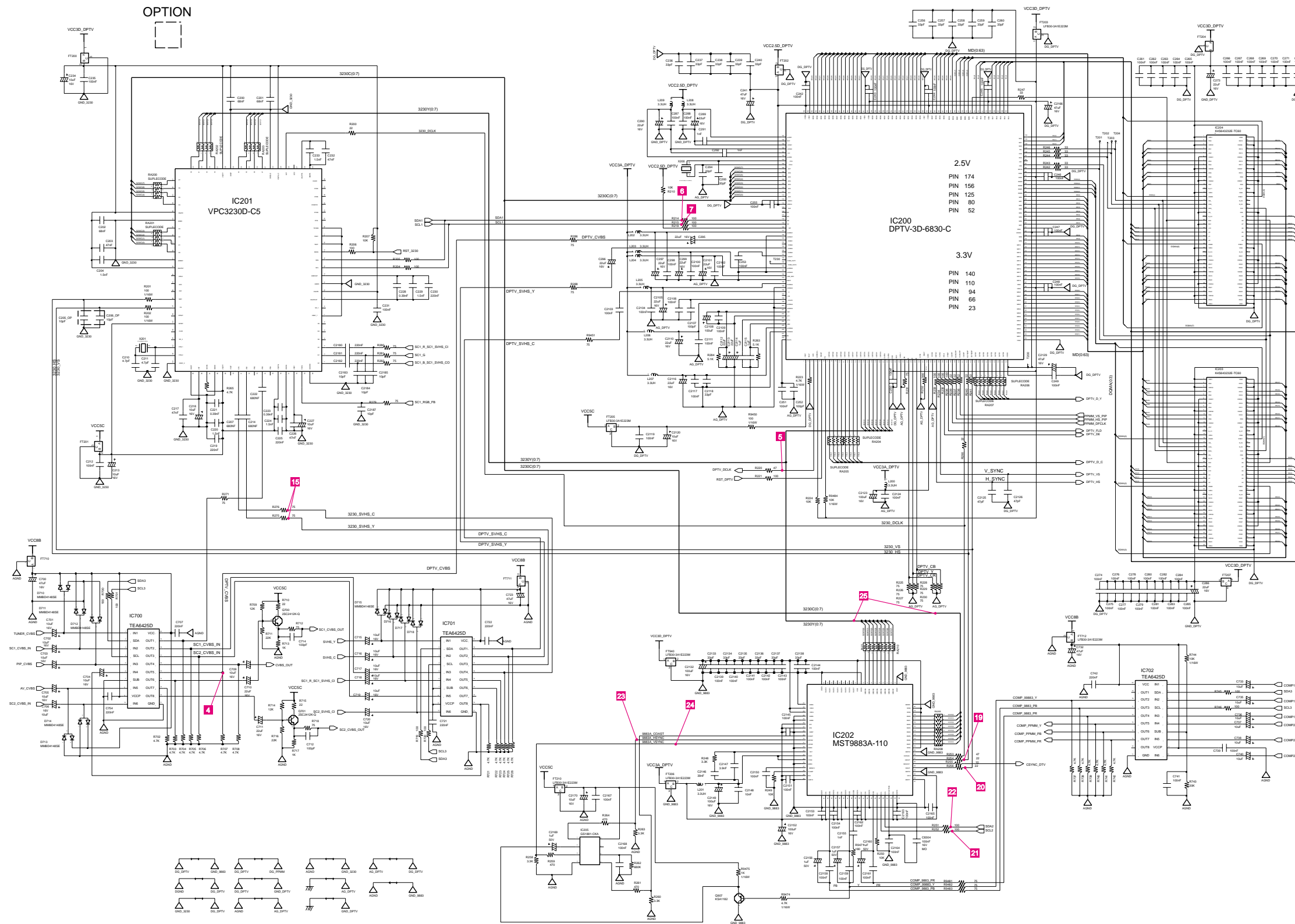
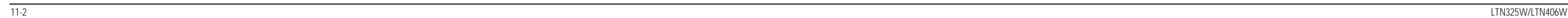
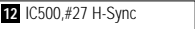


Figure 10 displays 15 waveform examples for the CN505 and CN507. Each waveform is shown on a grid with a 100ns horizontal scale and a 1V vertical scale. The waveforms are labeled as follows:

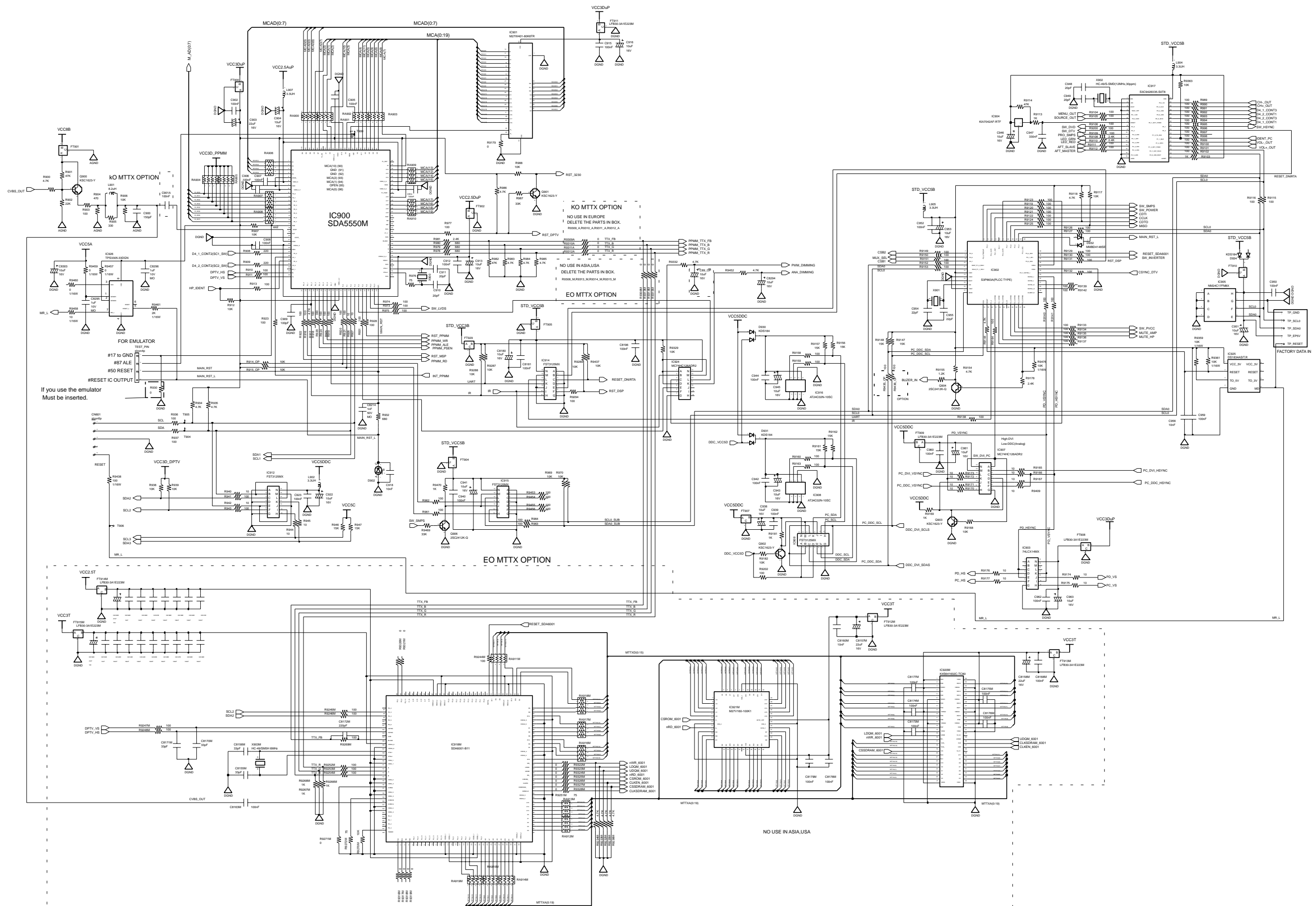
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- 1. DC 6V
- 26. CN507 PC RGB Signal #8,9,10
- 2. DC 5V
- 27. PC H-Sync Input Signal
- 3. DC 3V
- 28. PC V-Sync Input Signal
- 15. S-Video signal, CN505, #26(Y), 28(C), IC701, #18(Y), 19(C)
- 29. PC Digital Input Signal #18, 19, 21, 22, 24, 25, 27, 28
- 16. DTV, DVD, Y Signal IC101, IC102, #14, IC702, #18
- 17. DTV, DVD, Pb(Cb) Signal IC101, IC102, #15, IC702, #17



11 IC500,#31 Clock Signal

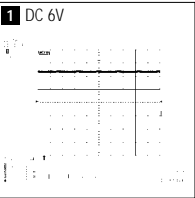
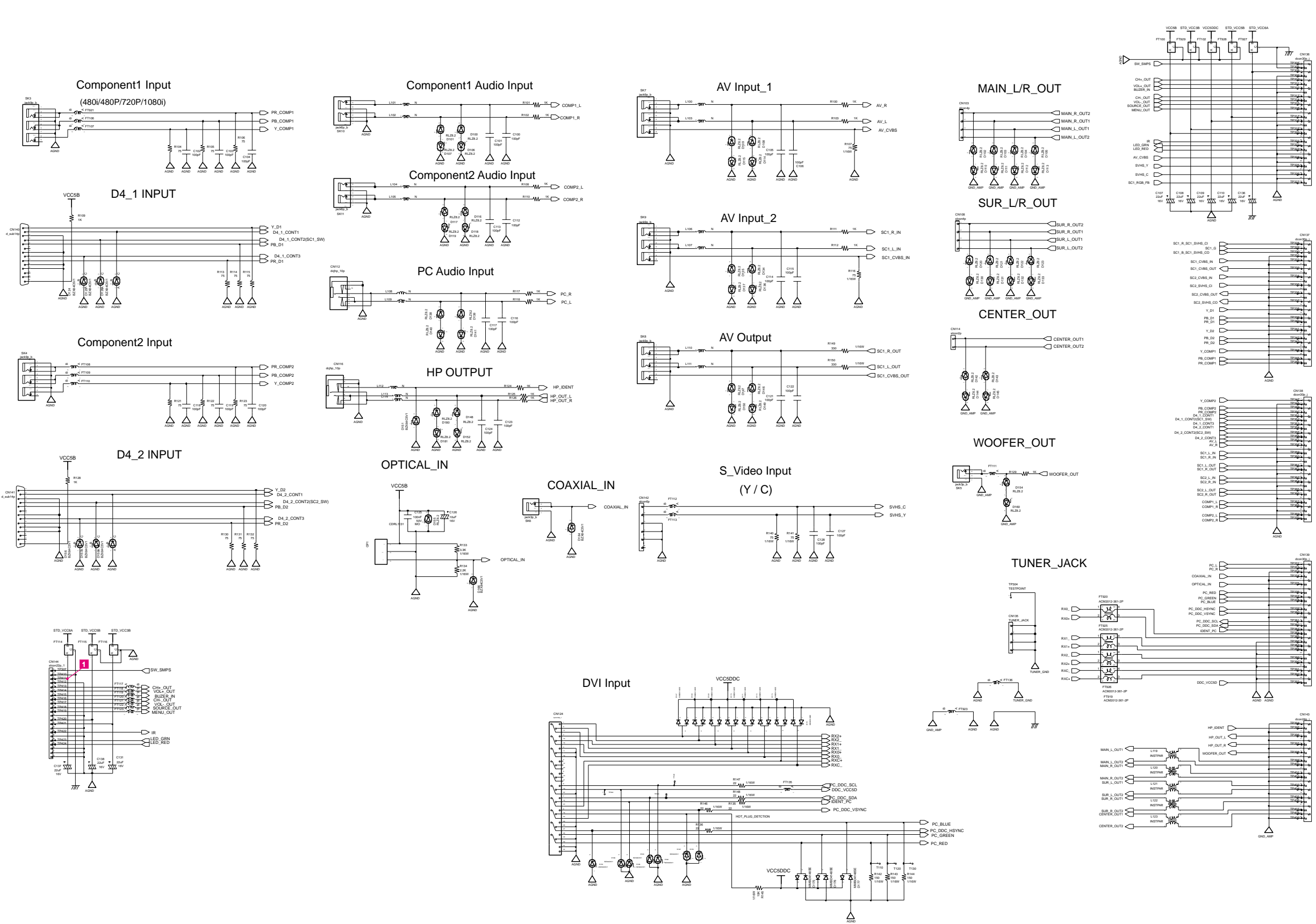


11-4 MICIOM Block Schematic Diagram

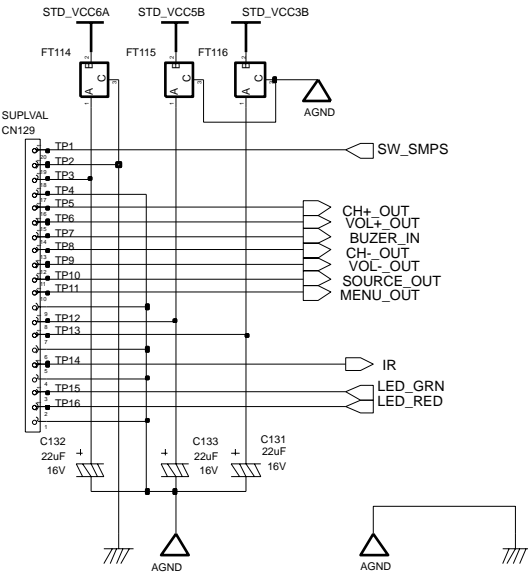
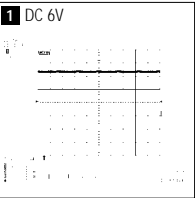




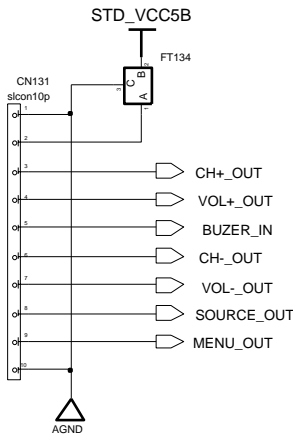
11-8 Input Board Schematic Diagram



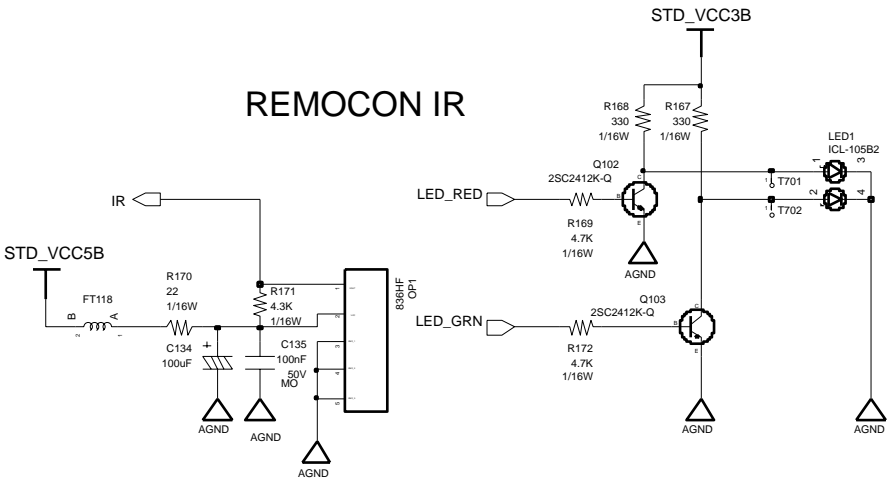
11-9 Power Switch Schematic Diagram



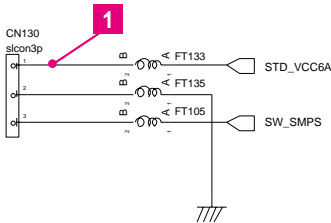
FUNCTION BOARD



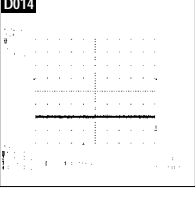
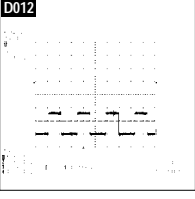
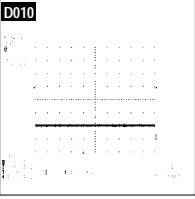
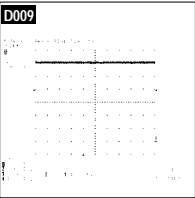
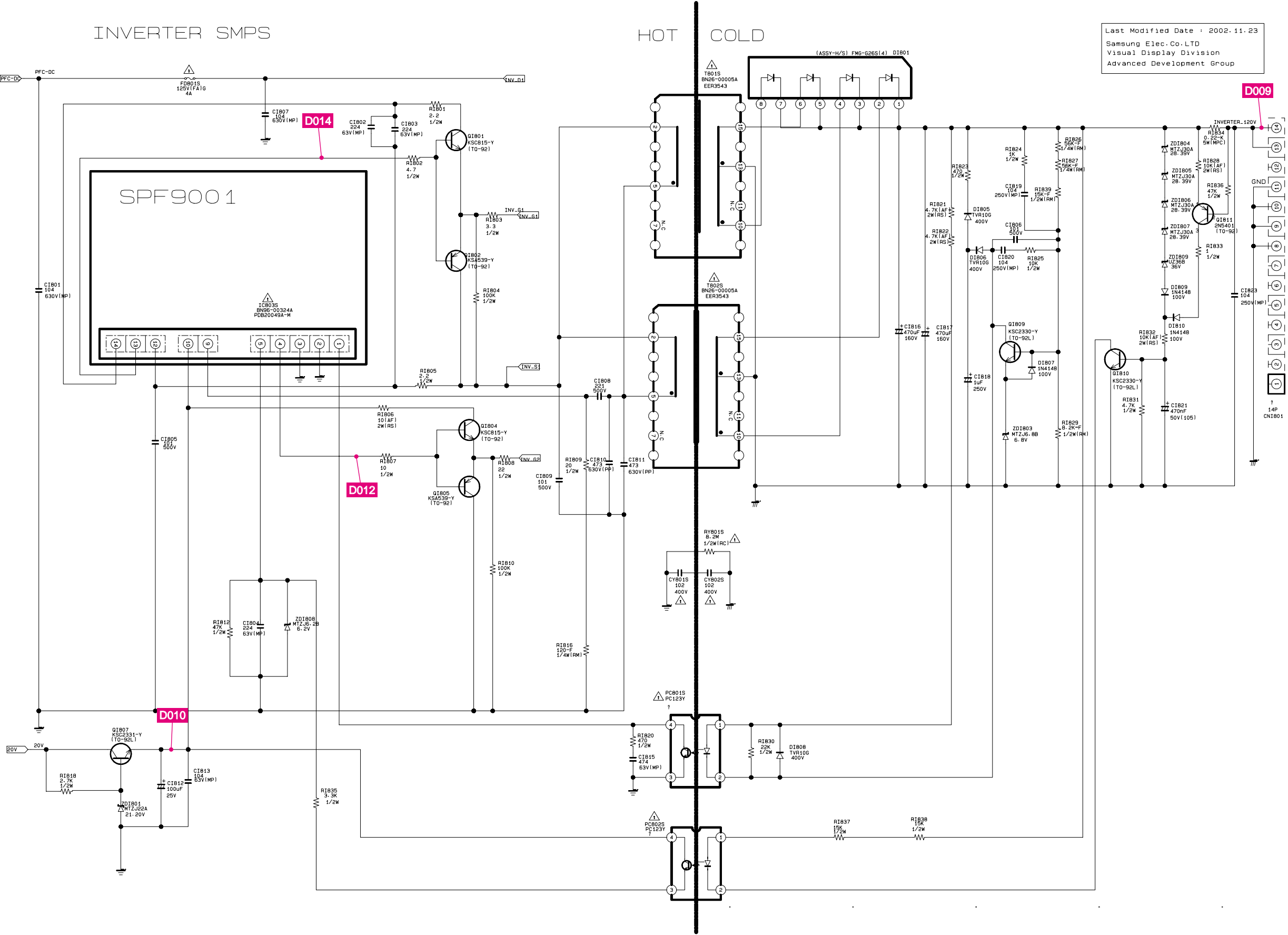
REMOCON IR

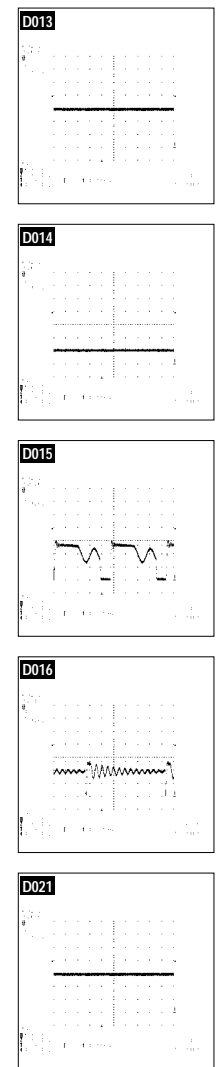
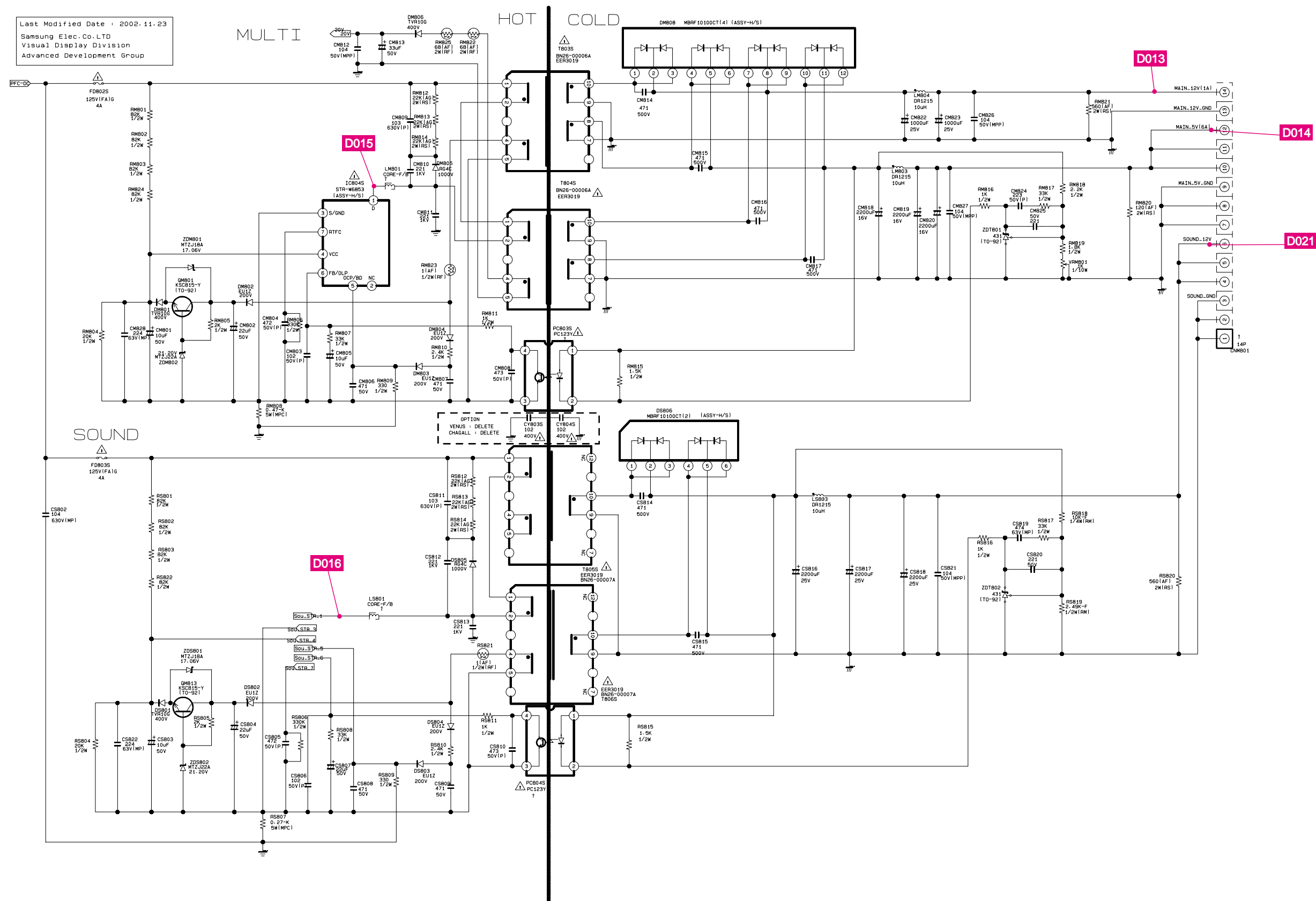


STANDBY POWER



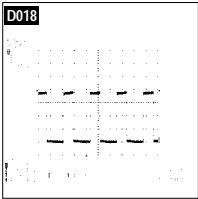
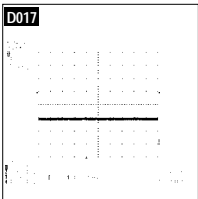
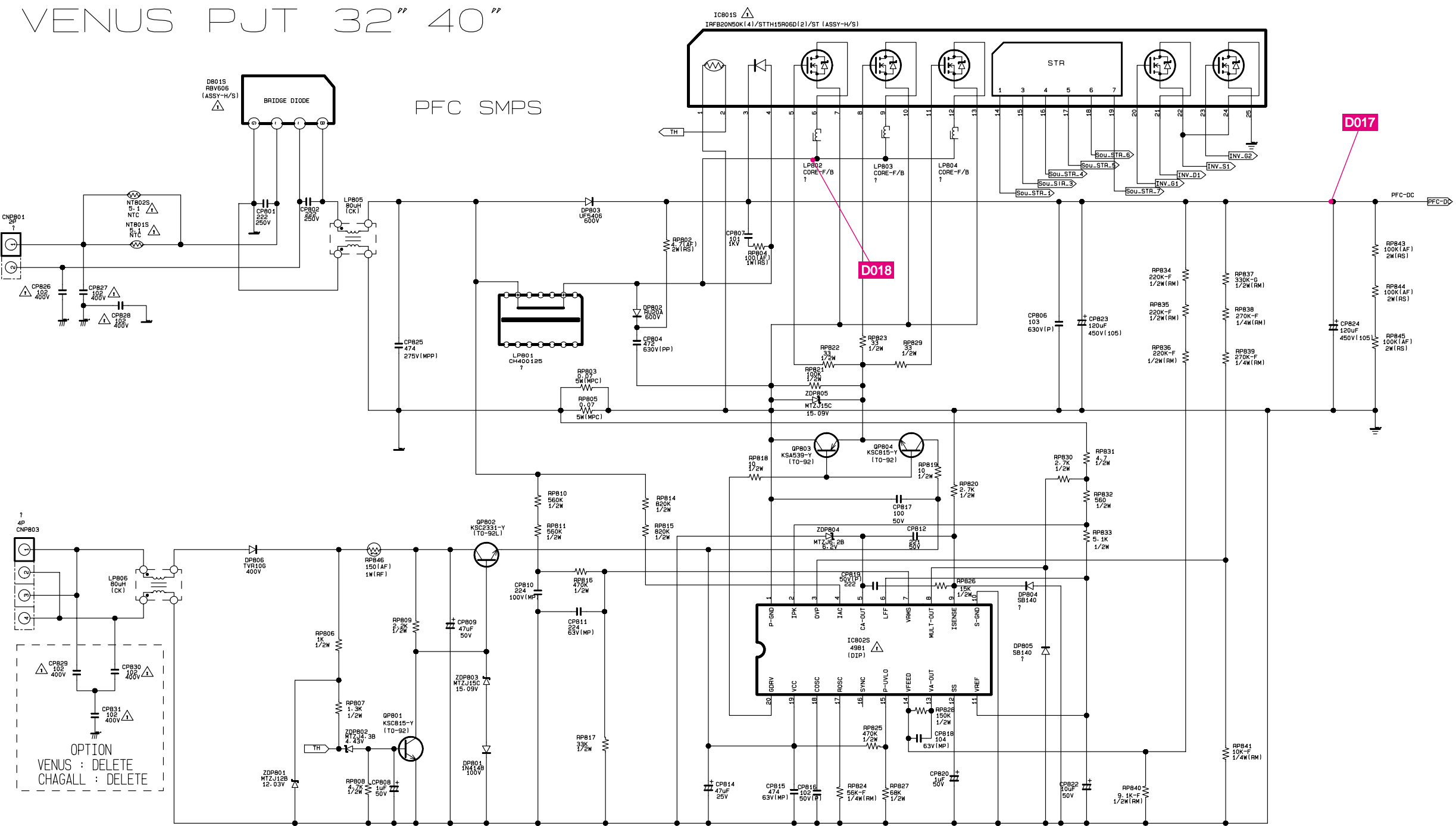
11-10 Inverter Block Schematic Diagram





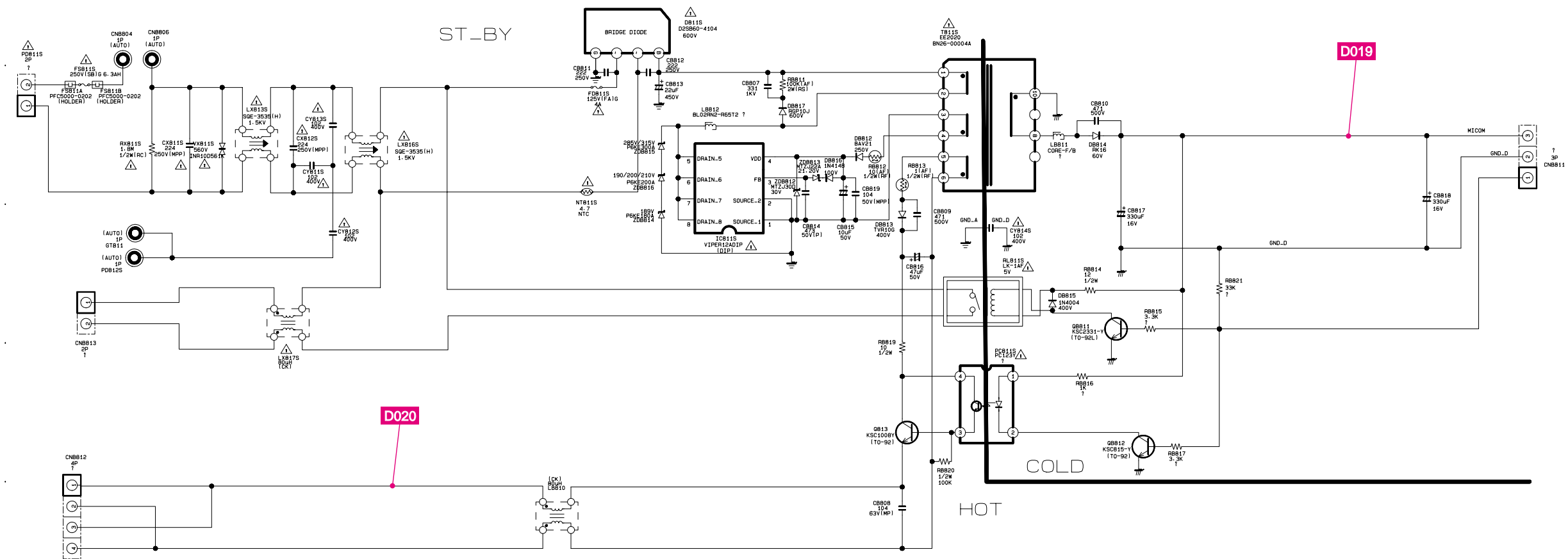
11-12 PFC Block Schematic Diagram

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Visual Display Division
Advanced Development Group

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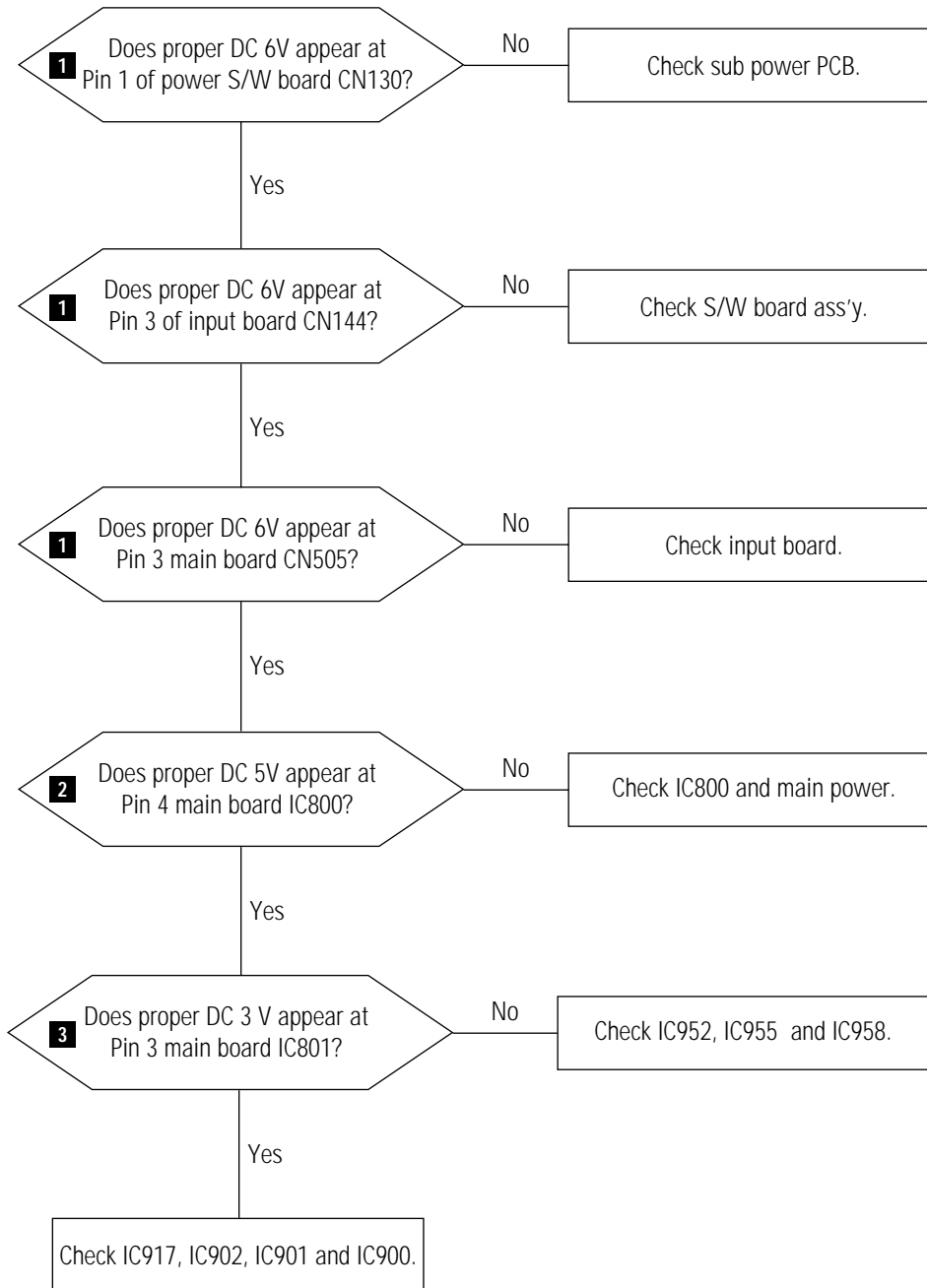


Last Modified Date 2003.02.04
Samsung Elec.Co.LTD
Visual Display Division
Advanced Development Group

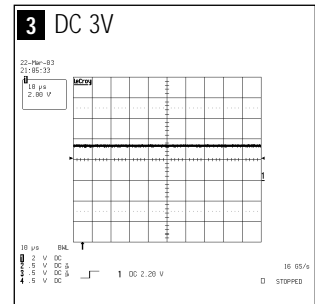
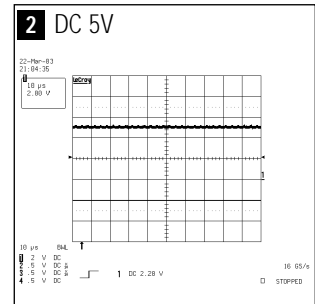
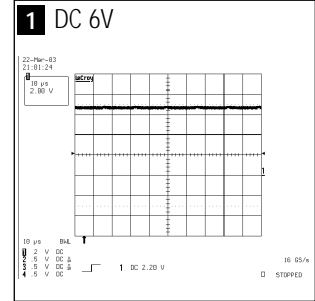
Memo

5 Troubleshooting

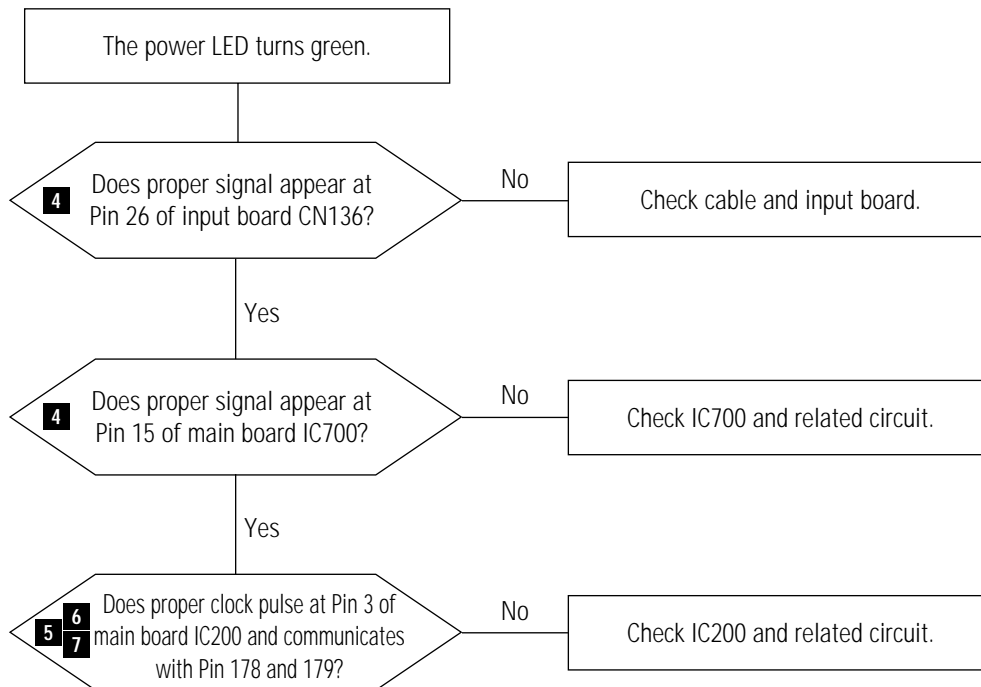
5-1 No Power



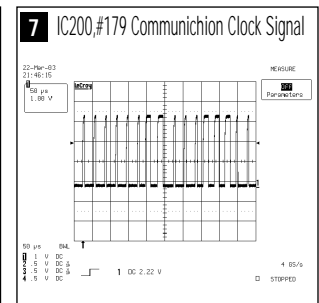
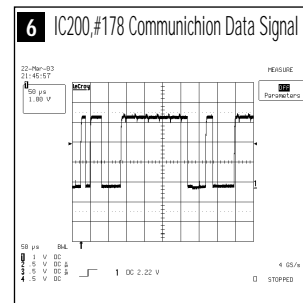
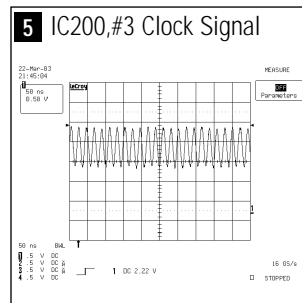
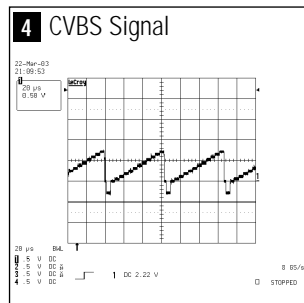
WAVEFORMS

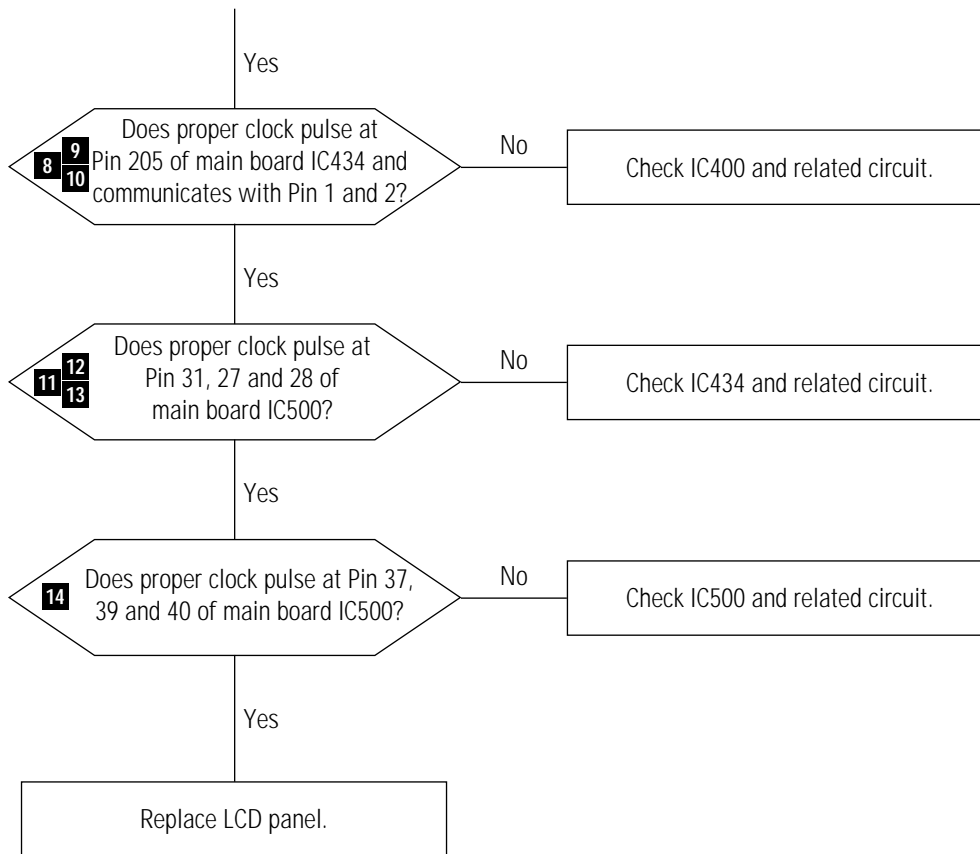


5-2 No Video (CVBS)

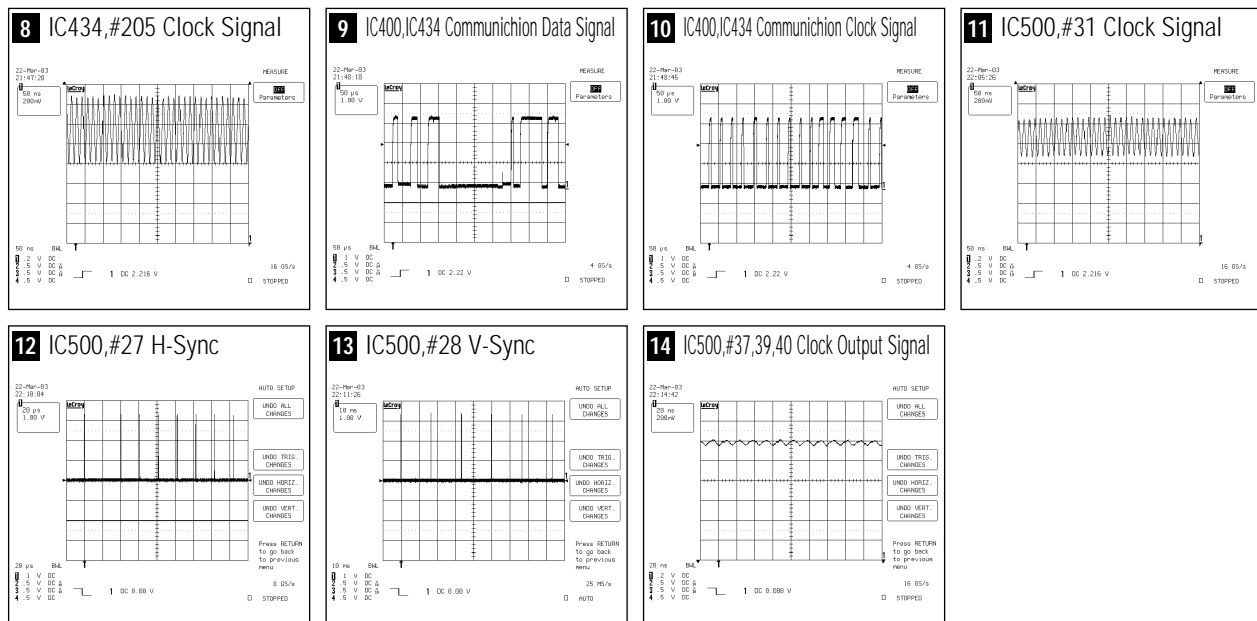


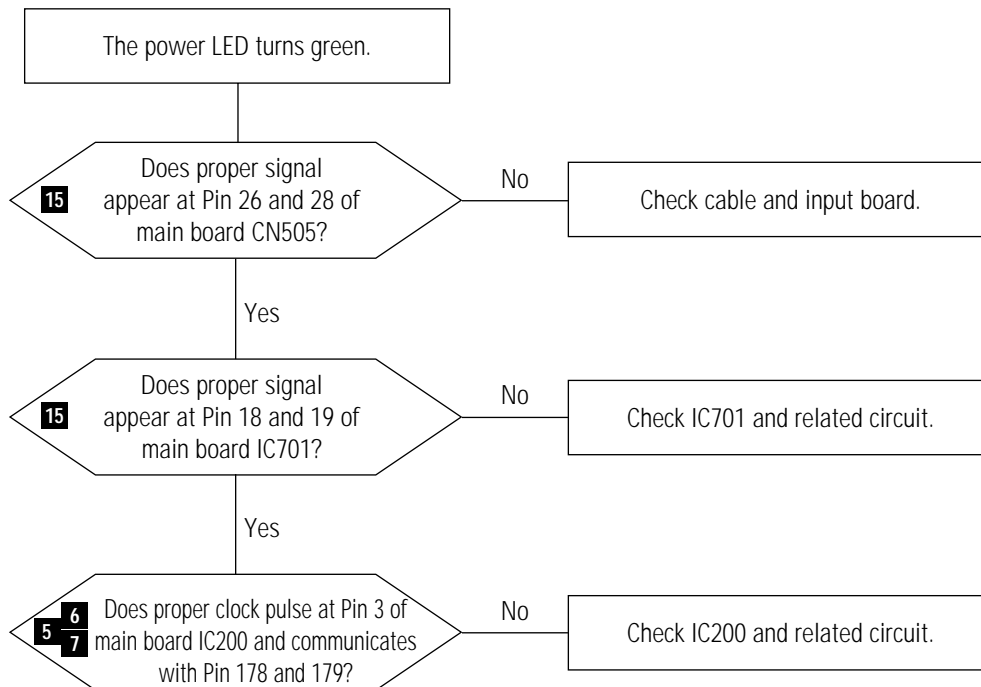
WAVEFORMS



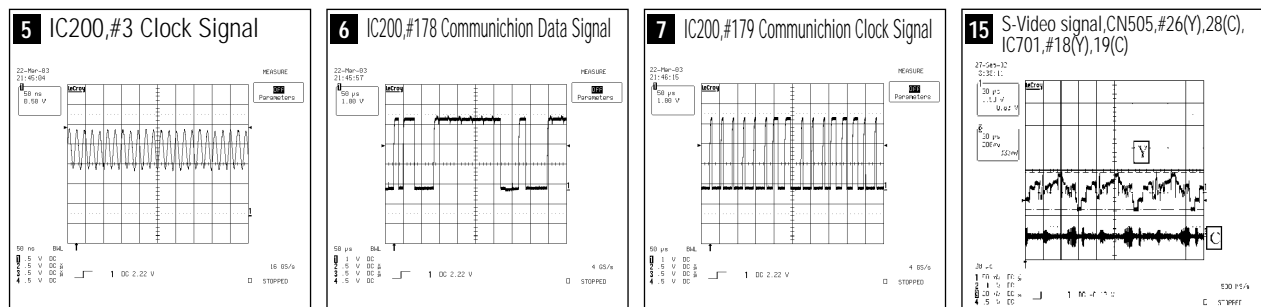


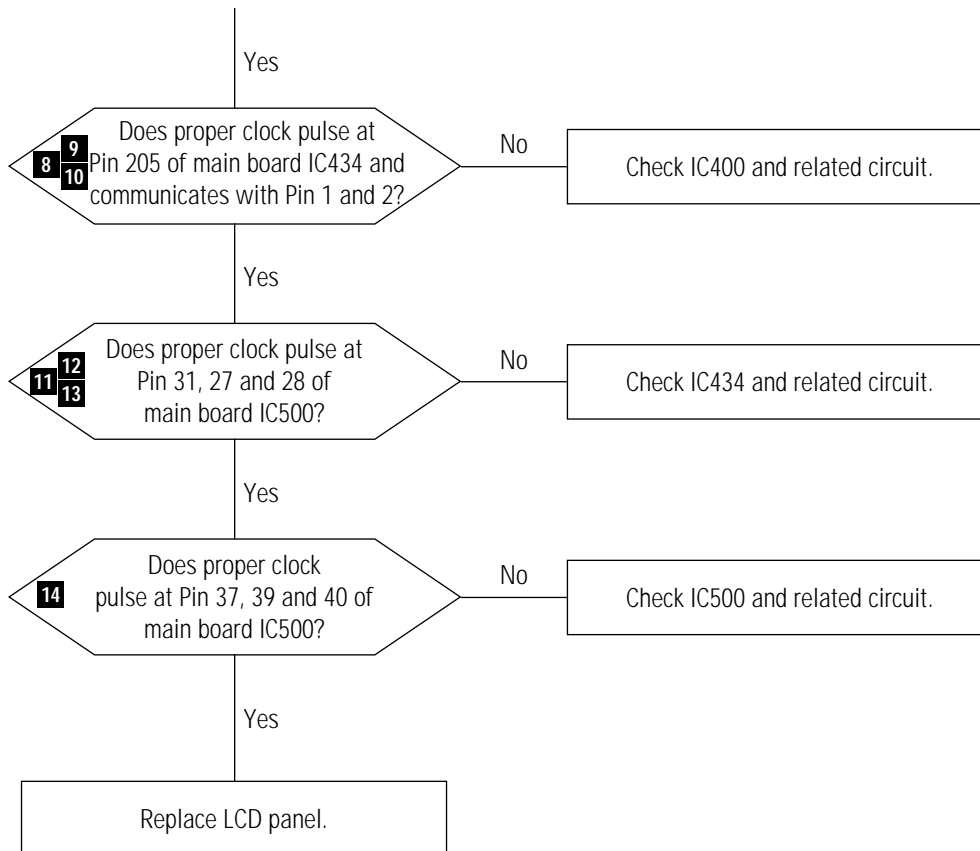
WAVEFORMS



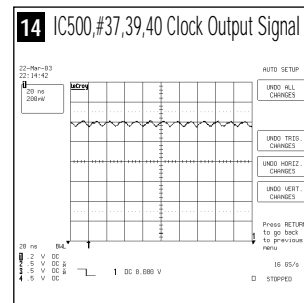
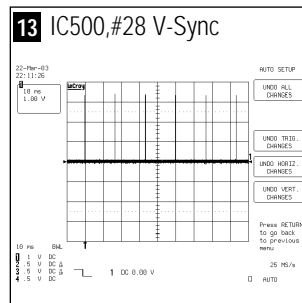
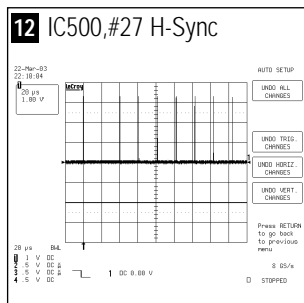
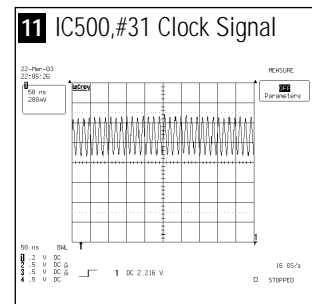
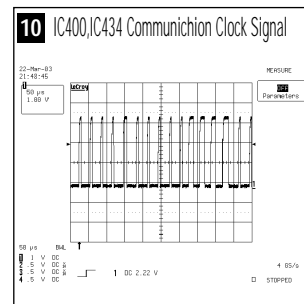
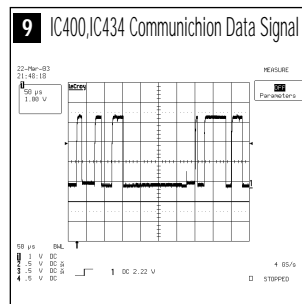
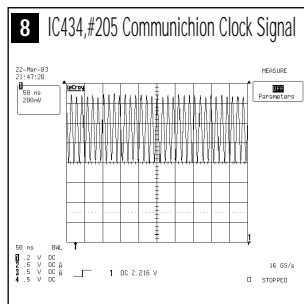


WAVEFORMS

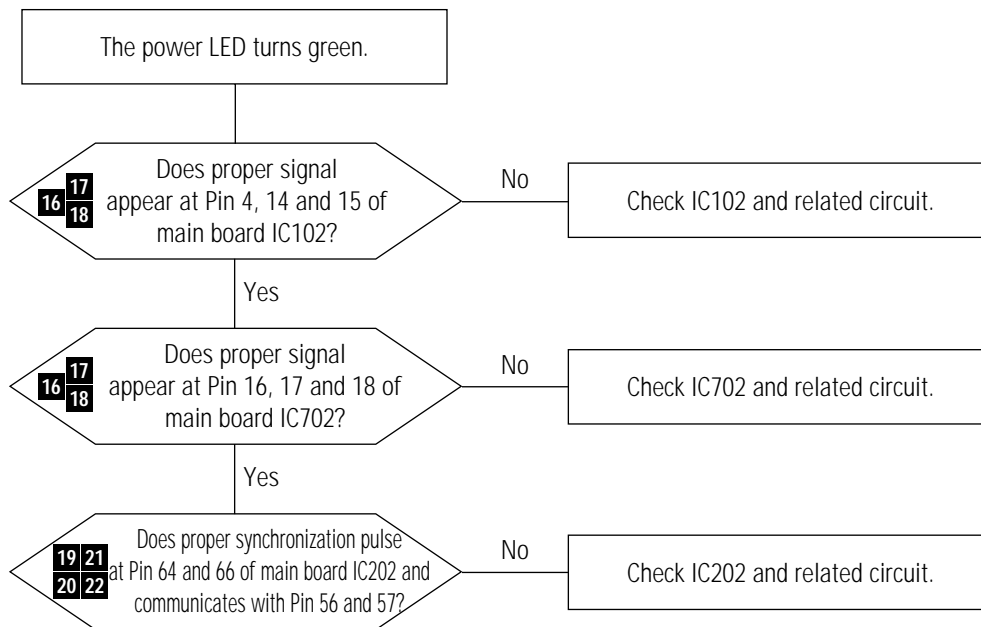




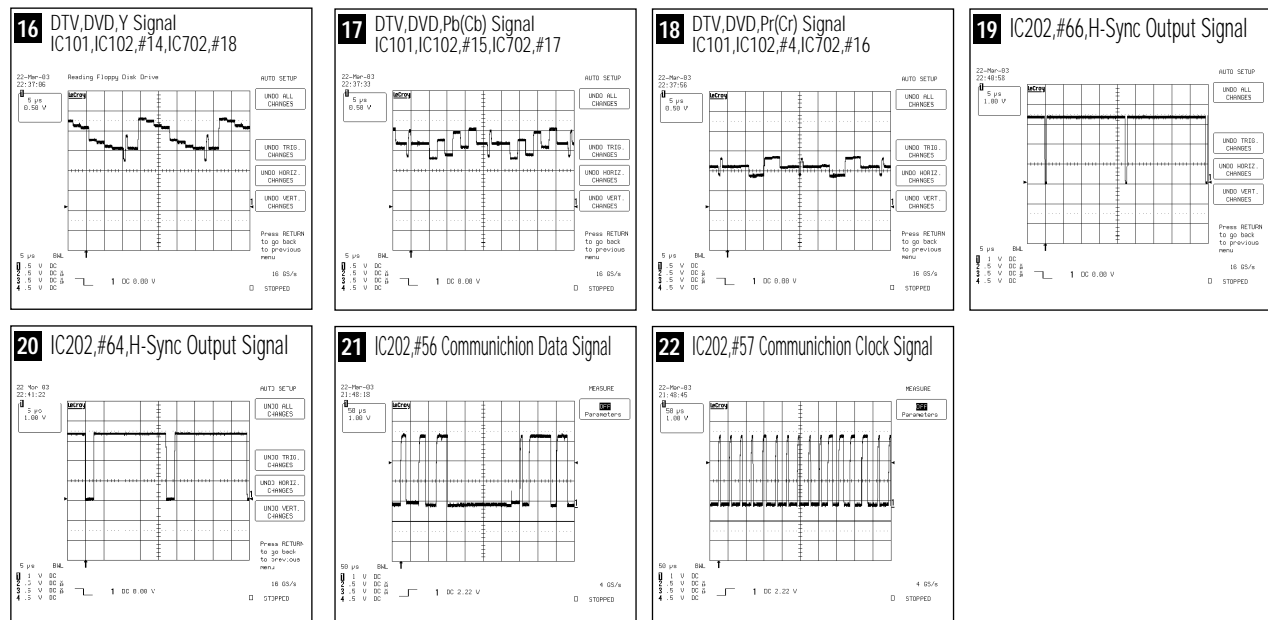
WAVEFORMS

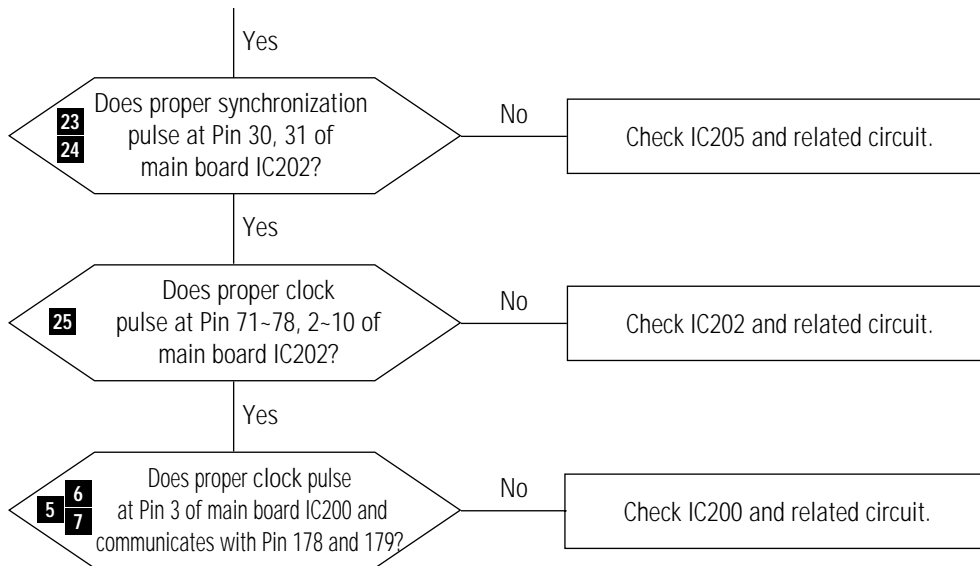


5-4 No Screen (DVD)

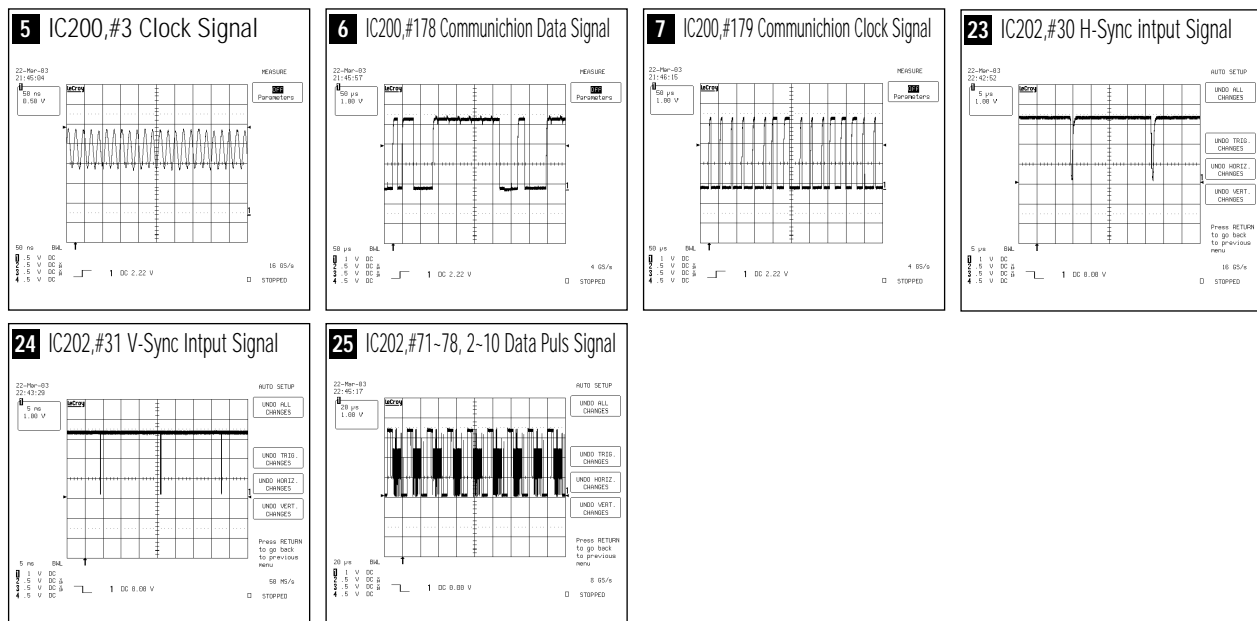


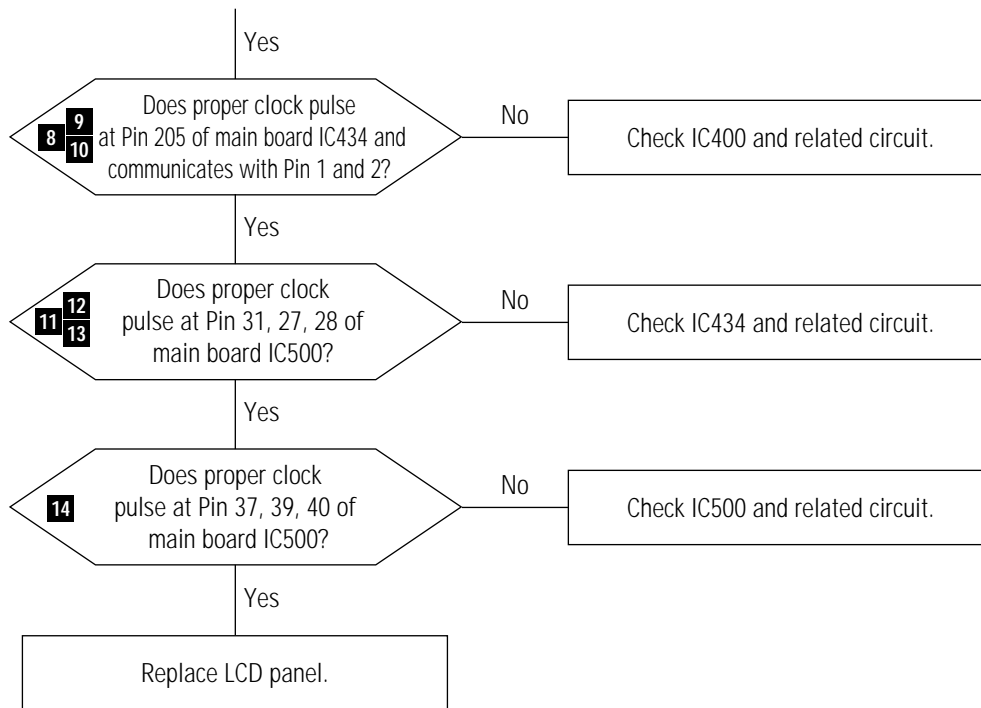
WAVEFORMS



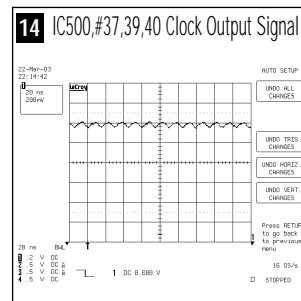
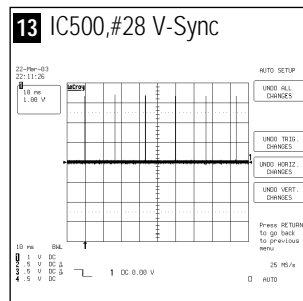
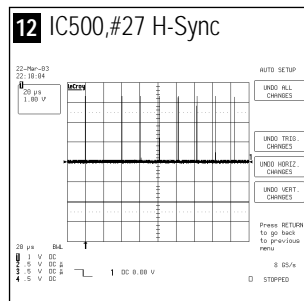
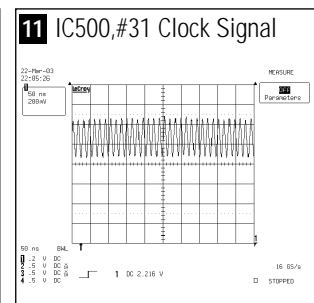
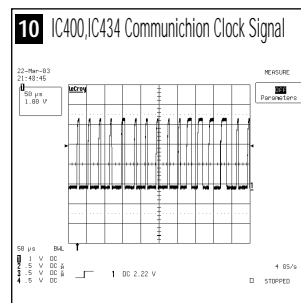
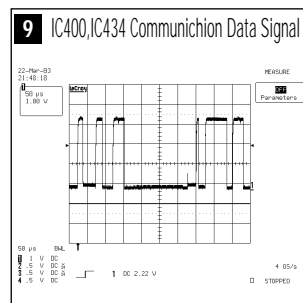
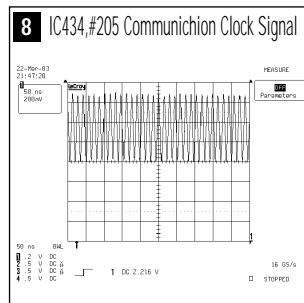


WAVEFORMS

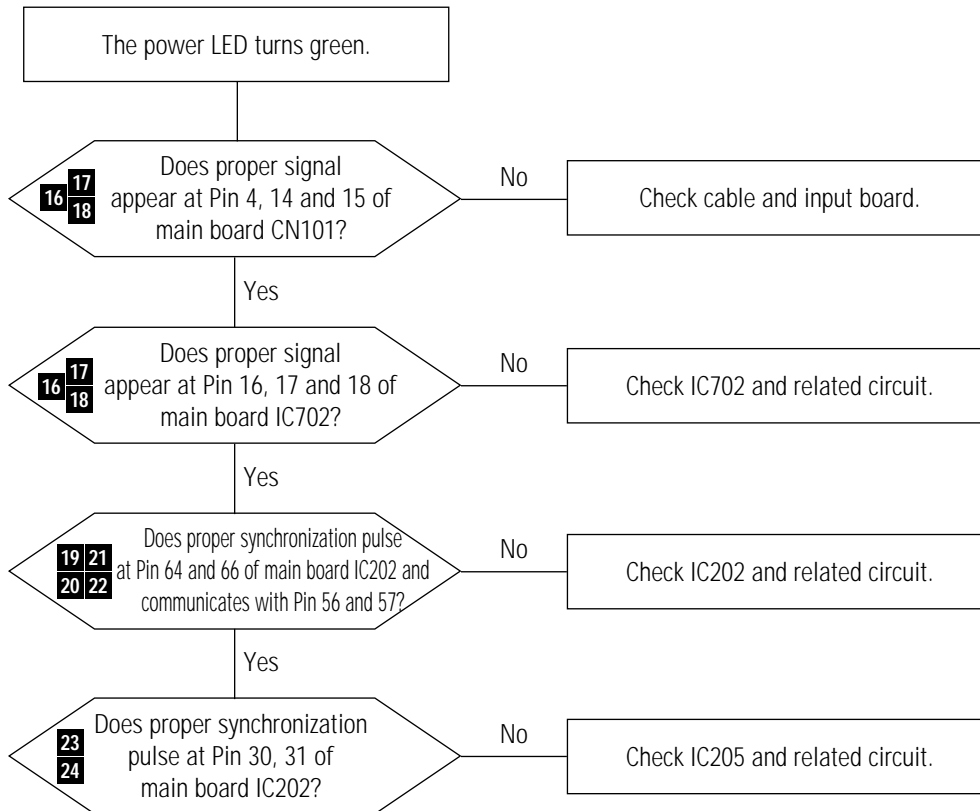




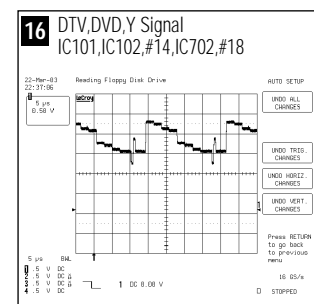
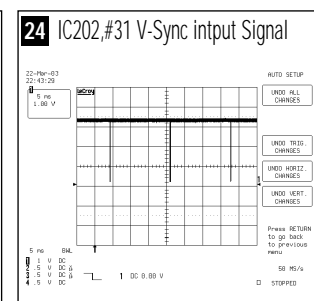
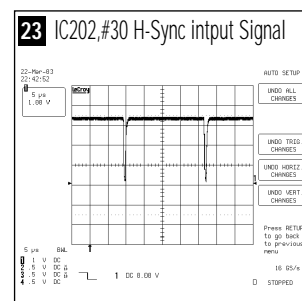
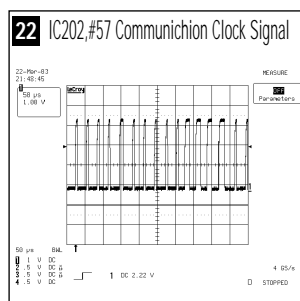
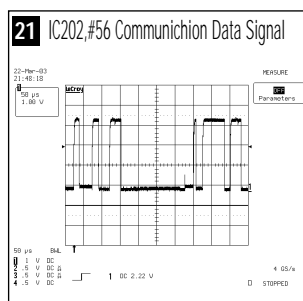
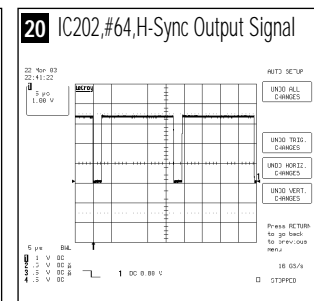
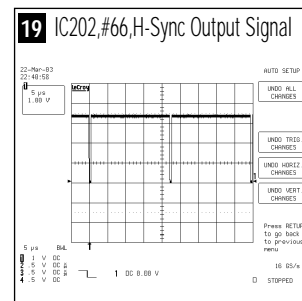
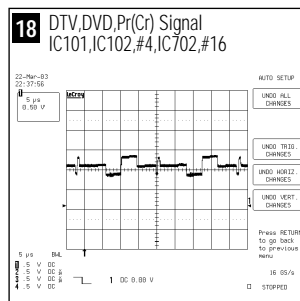
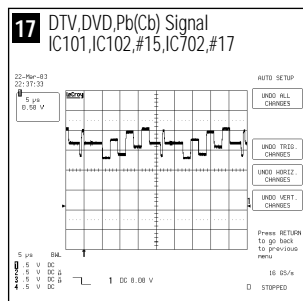
WAVEFORMS

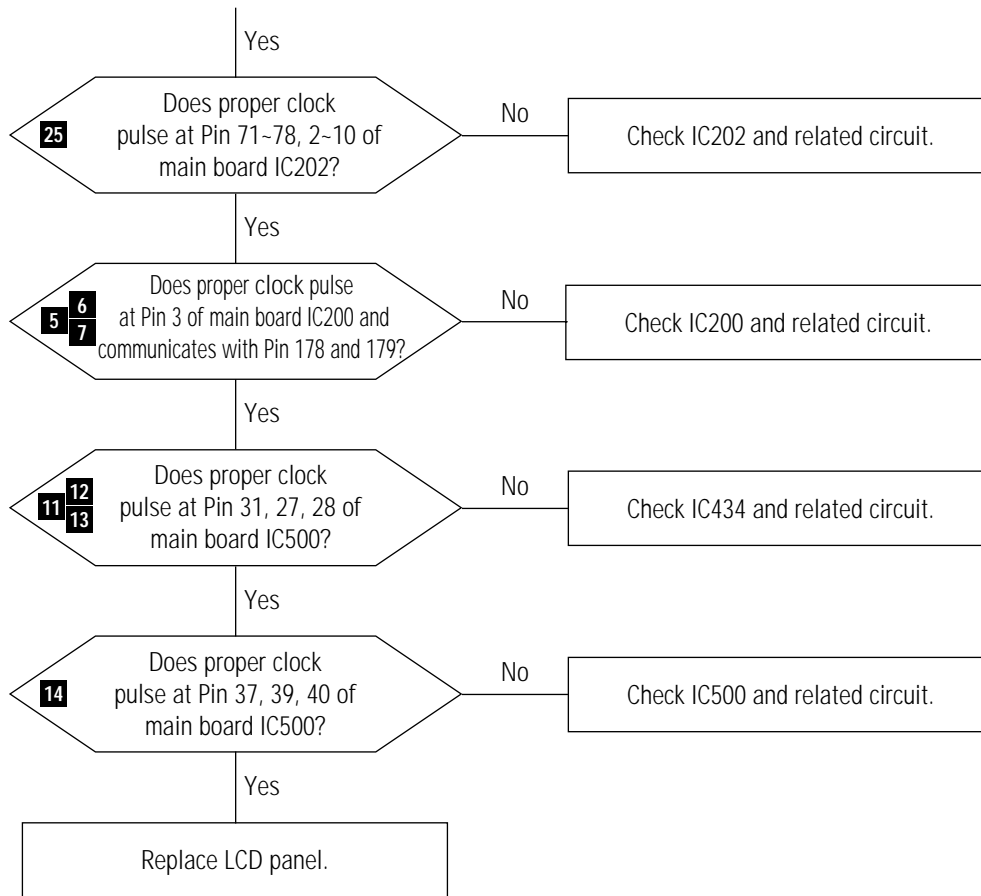


5-5 No Screen (D-TV)

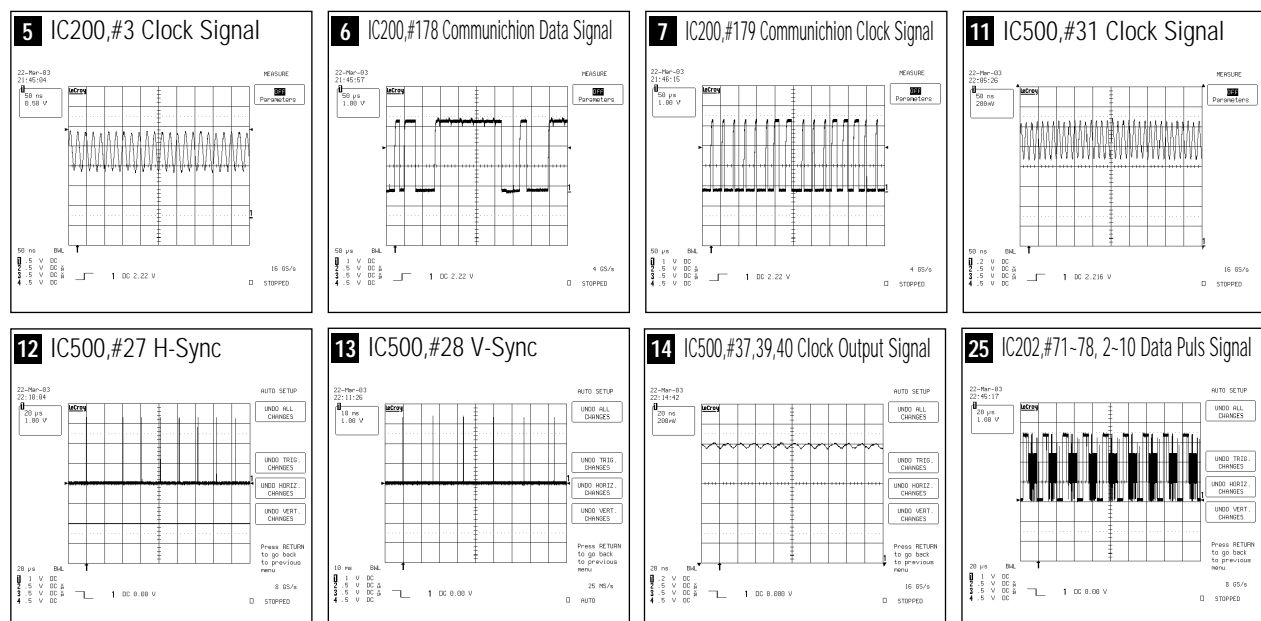


WAVEFORMS

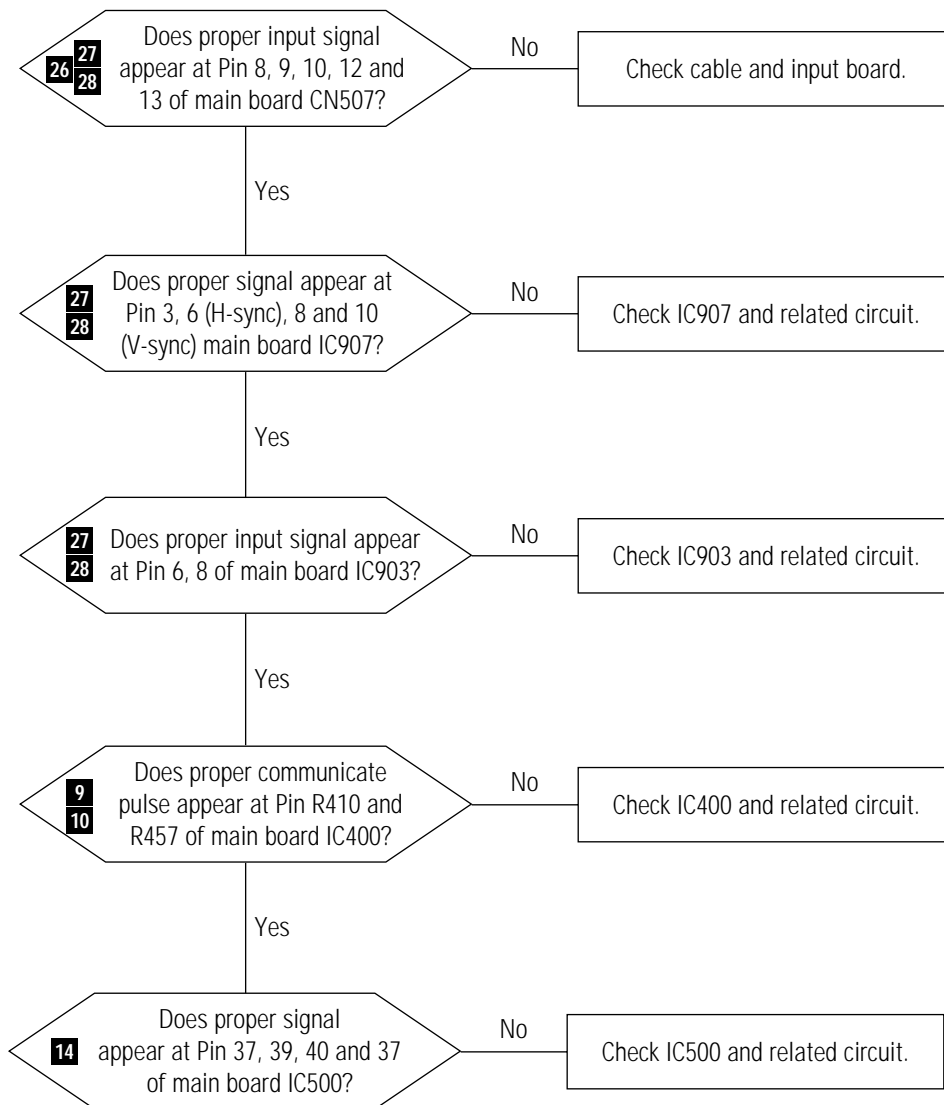




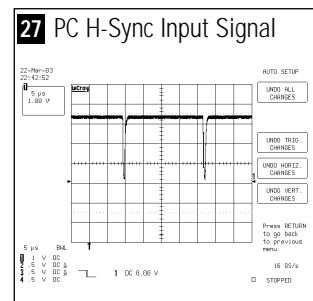
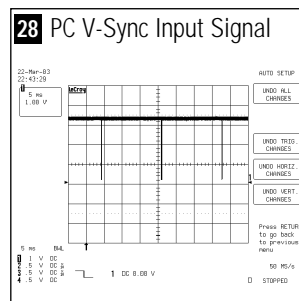
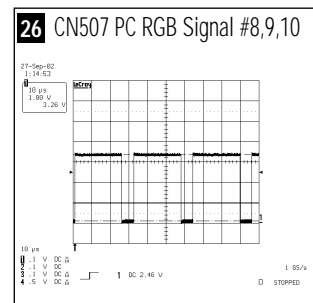
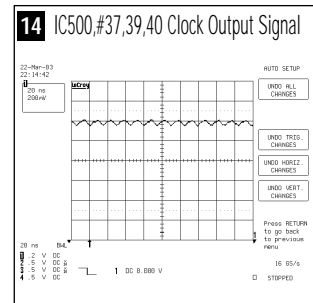
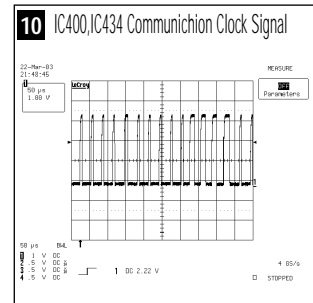
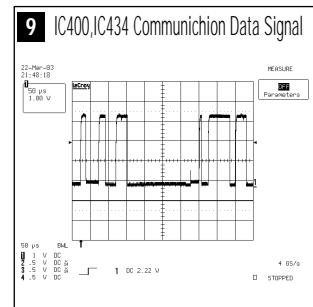
WAVEFORMS



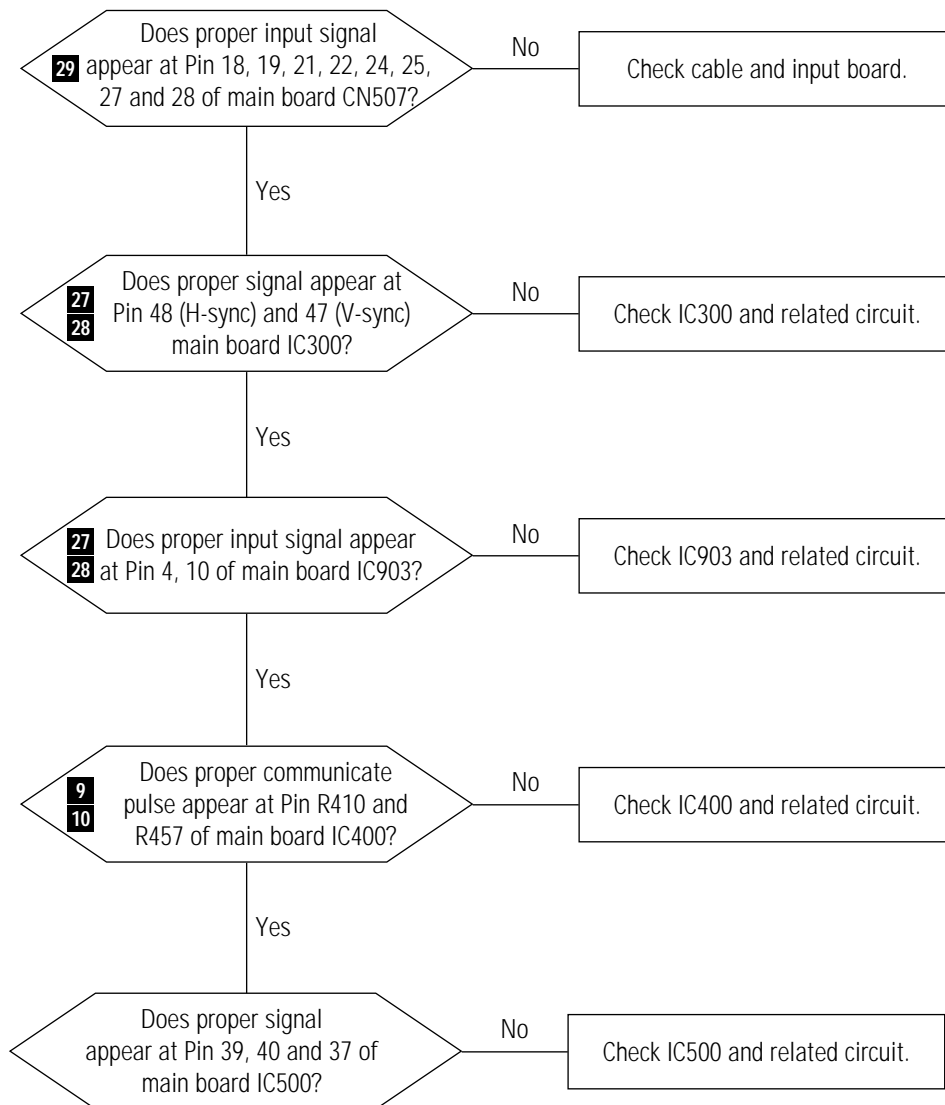
5-6 No Screen [PC signal(Along)]



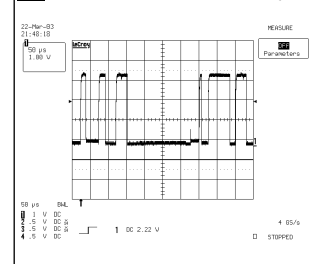
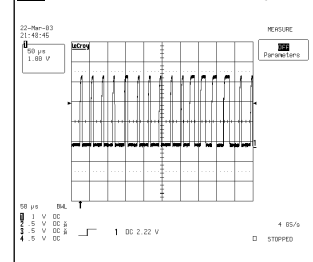
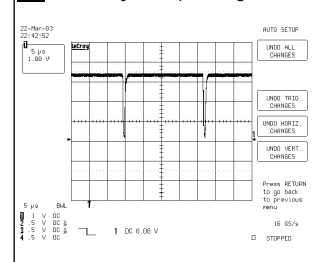
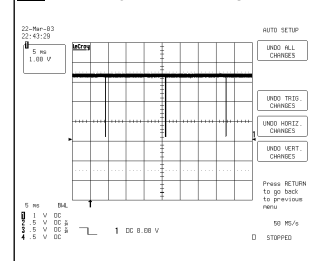
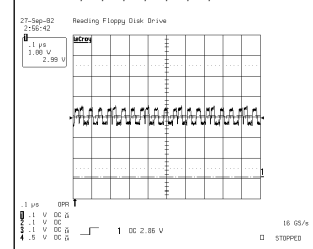
WAVEFORMS



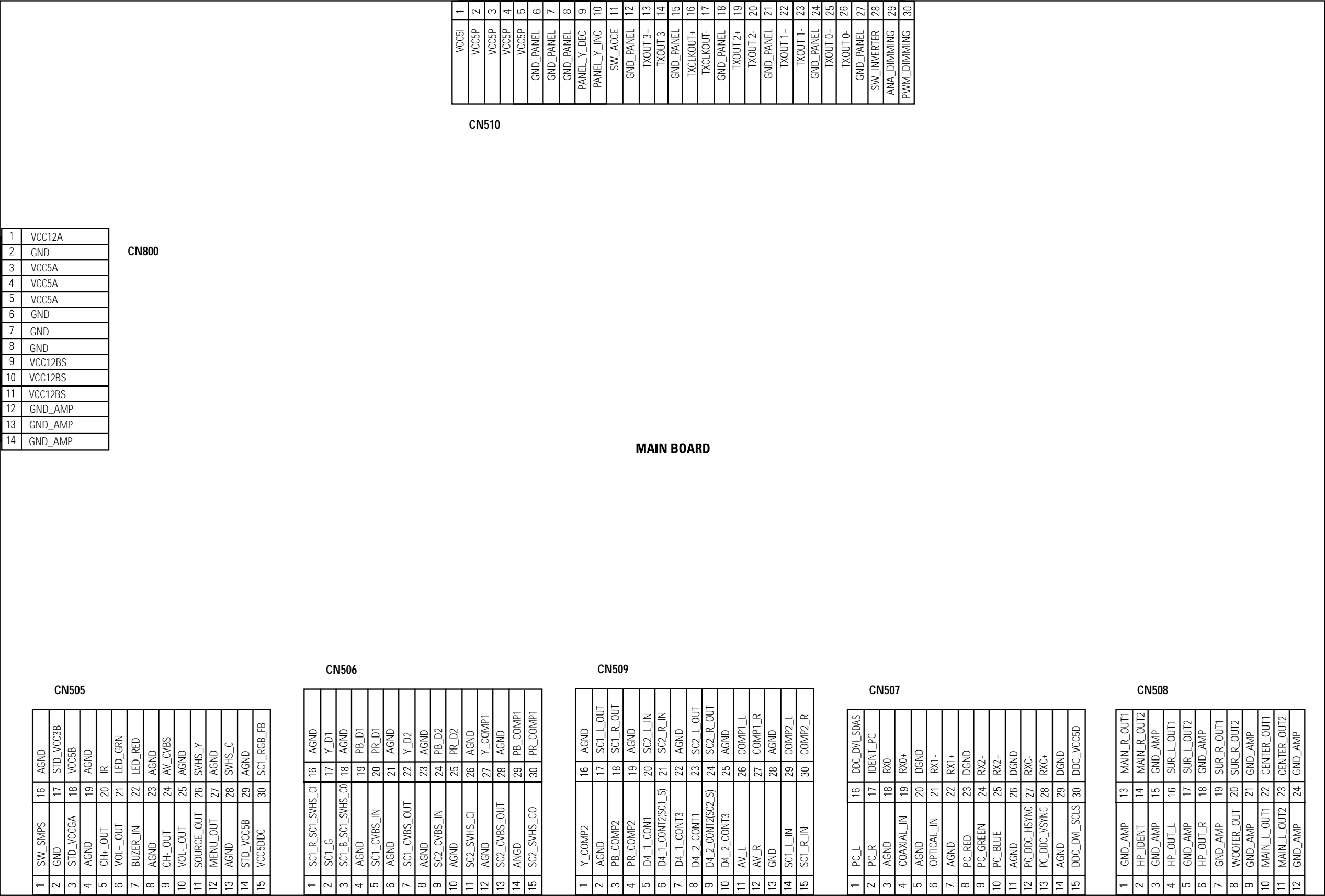
5-7 No Screen [PC signal(Digital)]



WAVEFORMS

9 IC400,IC434 Communication Data Signal**10** IC400,IC434 Communication Clock Signal**27** PC H-Sync Input Signal**28** PC V-Sync Input Signal**29** PC Digital Input Signal #18,19,21,22,24,25,27,28

9 Wiring Diagram



Memo