Service Manual

ViewSonic VP930-3

VP930b-3

Model No. VS10725

19” Color TFT LCD Display

(VP930-3_VP930b-3_SM Rev. 1a Oct. 2006)

ViewSonic 381 Brea Canyon Road, Walnut, California 91789 USA - (800) 888-8583

Revision History

Revision	SM Editing Date	ECR Number	Description of Changes	Editor
1a	10/26/2006		Initial Release	J. Chang

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1. Precautions and Safety Notices

1. Appropriate Operation

(1) Turn off the product before cleaning.
(2) Use only a dry soft cloth when cleaning the LCD panel surface.
(3) Use a soft cloth soaked with mild detergent to clean the display housing.
(4) Disconnect the power plug from AC outlet if the product is not used for a long period of time.
(5) If smoke, abnormal noise, or strange odor is present, immediately switch the LCD display off.
(6) Do not touch the LCD panel surface with sharp or hard objects.
(7) Do not place heavy objects on the LCD display, video cable, or power cord.
(8) Do not use abrasive cleaners, waxes or solvents for your cleaning.
(9) Do not operate the product under the following conditions:
- Extremely hot, cold or humid environment.
- Areas susceptible to excessive dust and dirt.
- Near any appliance generating a strong magnetic field.
- Place in direct sunlight.

2. Caution

No modification of any circuit should be attempted. Service work should only be performed after you are thoroughly familiar
with all of the following safety checks and servicing guidelines.

3. Safety Check

Care should be taken while servicing this LCD display. Because of the high voltage used in the inverter circuit, the voltage is exposed in such areas as the associated transformer circuits.

4. Power Supply Requirements

The external AC power operating range shall be from 90 to 264Vac

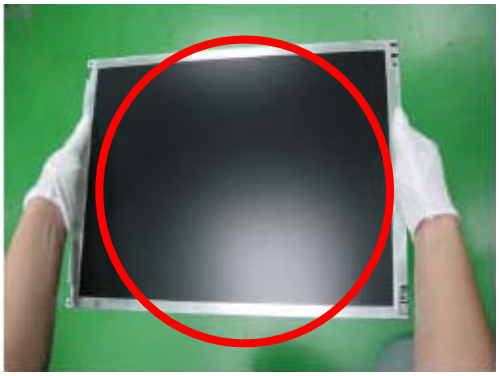
5. LCD Module Handling Precautions

5.1. Handling Precautions

(1) Since front polarizer is easily damaged, pay attention not to scratch it.
(2) Be sure to turn off power supply when inserting or disconnecting from input connector.
(3) Wipe off water drop immediately. Long contact with water may cause discoloration or spots.
(4) When the panel surface is soiled, wipe it with absorbent cotton or other soft cloth.
(5) Since the panel is made of glass, it may break or crack if dropped or bumped on hard surface.
(6) Since CMOS LSI is used in this module, take care of static electricity and insure human earth when handling.
(7) Do not open nor modify the Module Assembly.
(8) Do not press the reflector sheet at the back of the module to any directions.
(9) In case if a Module has to be put back into the packing container slot after once it was taken out from the container, do not press the center of the CCFL Reflector edge. Instead, press at the far ends of the CFL Reflector edge softly. Otherwise the TFT Module may be damaged.
(10) At the insertion or removal of the Signal Interface Connector, be sure not to rotate nor tilt the Interface Connector of the TFT Module.
(11) After installation of the TFT Module into an enclosure (LCD monitor housing, for example), do not twist nor bend the TFT Module even momentary. At designing the enclosure, it should be taken into consideration that no bending/twisting forces are applied to the TFT Module from outside. Otherwise the TFT Module may be damaged.
(12) Cold cathode fluorescent lamp in LCD contains a small amount of mercury. Please follow local ordinances or regulations for disposal.
(13) Small amount of materials having no flammability grade is used in the LCD module. The LCD module should be supplied by power complied with requirements of Limited Power Source (IEC60950 or UL1950), or be applied exemption.

(14) The LCD module is designed so that the CFL in it is supplied by Limited Current Circuit (IEC60950 or UL1950). Do not connect the CFL in Hazardous Voltage Circuit.

5.2. Handling and Placing Methods

Correct Methods:	Incorrect Methods:
Only touch the metal frame of the LCD panel or the front cover of the monitor. Do not touch the surface of the polarizer.	Surface of the LCD panel is pressed by fingers and that may cause “Mura”
	
	
Take out the monitor with cushions	Taking out the monitor by grasping the LCD panel. That may cause “Mura”
	

Place the monitor on a clean and soft foam pad.	Placing the monitor on foreign objects. That could scratch the surface of the panel or cause “Mura”
	
	The panel is placed facedown on the lap. That may cause “Mura”
	

2. Specification

1. General Requirements

General Specifications

Test Resolution & Frequency	"1280 x 1024" @ 60Hz
Test Image Size	Full Size
Contrast and Brightness Controls	Factory Default: Contrast = 70%, Brightness = 100%

2. Signal Interface

Video Interface

Analog Input Connector	D-Sub1 = DB-15 (Analog) D-Sub2 = DB-15 (Analog) DVI-D = DVI-I (Digital)
Default Input Connector	Defaults to the first detected input
Video Cable Connector Pin out	Refer to Appendix A; Compliant DDC/CI.
Video Signals	Video RGB (Analog) Separate Sync / Composite Sync / SOG TMDS (Digital)
Video Impedance	75 Ohms (Analog), 100 Ohms (Digital)
Exclusions	Not compatible with interlaced video.

3. Power

Power Supply

Input Voltage Range	90 to 264 VAC
Power Dissipation	38 Watts (Typ.)

4. AUDIO INTERFACE (SPEAKER SPECIFICATION)

No Audio function

5. lectrical Requirements

Horizontal Frequency	24 – 82 kHz
Vertical Refresh Rate	50 – 85 Hz.
Maximum Pixel Clock	135 MHz
Sync Polarity	Independent of sync polarity.

Timing Table

Item	Timing						Analog			Digital - TMDS	Remark
							Separated	Composite	SOG		
1	640 x 350	@	70	Hz,	31.5	KHz					DMT; The vertical image size might be not full screen
2	640 x 400	@	60	Hz,	31.5	KHz					DMT
3	640 x 400	@	70	Hz,	31.5	KHz					DMT
4	640 x 480	@	50	Hz,	24.7	KHz					DMT
5	640 x 480	@	60	Hz,	31.5	KHz					DMT;
6	640 x 480	@	67	Hz,	35	KHz					For MAC
7	640 x 480	@	72	Hz,	37.9	KHz					DMT

8	640 x 480	@	75	Hz,	37.5	KHz					DMT
9	640 x 480	@	85	Hz,	43.3	KHz					DMT
10	640 x 870	@	75	Hz,	68.9	KHz					MAC
11	720 x 400	@	70	Hz,	31.5	KHz					DMT
12	720 x 480	@	60	Hz,	31.5	KHz					DMT
13	720 x 576	@	50	Hz,	31.3	KHz					DMT”
14	800 x 600	@	56	Hz,	35.1	KHz					DMT
15	800 x 600	@	60	Hz,	37.9	KHz					DMT
16	800 x 600	@	72	Hz,	48.1	KHz					DMT
17	800 x 600	@	75	Hz,	46.9	KHz					DMT
18	800 x 600	@	85	Hz,	53.7	KHz					DMT
19	832 x 624	@	75	Hz,	49.7	KHz					MAC
20	1024 x 768	@	50	Hz,	39.6	KHz					DMT;
21	1024 x 768	@	60	Hz,	48.4	KHz					DMT
22	1024 x 768	@	70	Hz,	56.5	KHz					DMT
23	1024 x 768	@	72	Hz,	58.1	KHz					DMT
24	1024 x 768	@	75	Hz,	60	KHz					DMT
25	1024 x 768	@	75	Hz,	60.2	KHz					For MAC
26	1024 x 768	@	85	Hz,	68.7	KHz					DMT
27	1152 x 864	@	75	Hz,	67.5	KHz					DMT
28	1152 x 870	@	75	Hz,	68.7	KHz					For MAC
29	1280 x 720	@	50	Hz,	37.5	KHz					720p
30	1280 x 720	@	60	Hz,	45	KHz					720p
31	1280 x 768	@	50	Hz,	39.6	KHz					DMT
32	1280 x 768	@	60	Hz,	47.8	KHz					DMT;
33	1280 x 768	@	75	Hz,	60.3	KHz					DMT;
34	1280 x 768	@	85	Hz,	68.6	KHz					DMT;”
35	1280 x 960	@	50	Hz,	49.4	KHz					DMT
36	1280 x 960	@	60	Hz,	59.7	KHz					DMT
37	1280 x 960	@	75	Hz,	75.2	KHz					DMT
38	1280 x 1024	@	50	Hz,	52.7	KHz					DMT
39	1280 x 1024	@	60	Hz,	64	KHz					DMT
40	1280 x 1024	@	75	Hz,	80	KHz					DMT

*1. Tolerance ≥ ±2KHz.
*2. Any timing not in the list, it should display as normal or show on “OUT OF RANGE” OSD message without blanking.
*3. The image quality of 85Hz mode might be worse than 75Hz.

6. Mechanical

Dimension (Desktop)

Width	412 mm (16.2 inch)
Height (Height adjust to the bottom)	356mm (14 inch)/491mm (19.32 inch)
Depth	289mm (11.4 inch)
Monitor Weight	6.8 Kg (15 lbs)

Dimension (Head Only / Wall Mount)

Width	412 mm (16.2 inch)
Height	336mm (13.2 inch)

Depth	61mm (2.4 inch)
Monitor Weight	4.2 Kg (9.3 lbs)

*Refer to Figure 1

Ergonomics

Tilt Up	≥ 20º
Tilt Down	From 0º down to -3º
Swivel Right	≥135º
Swivel Left	≥135º
Height Adjust	0 ~ ≥ 135 mm
Pivot	0~ 90º(clockwise)

Package Specifications

ViewSonic Packaging Spec	The "Top Level Assembly" shall meet the ViewSonic Corporation Packaging Spec, VSCPACSPEC003
ViewSonic Pallet Spec	Refer to ViewSonic Pallet Load Specification REV.1.I
Ink	The ink shall not rub off after a suitable drying time.
Multiple Trips	The carton shall withstand 10 trips by any combination of air, rail, land, or sea transportation.

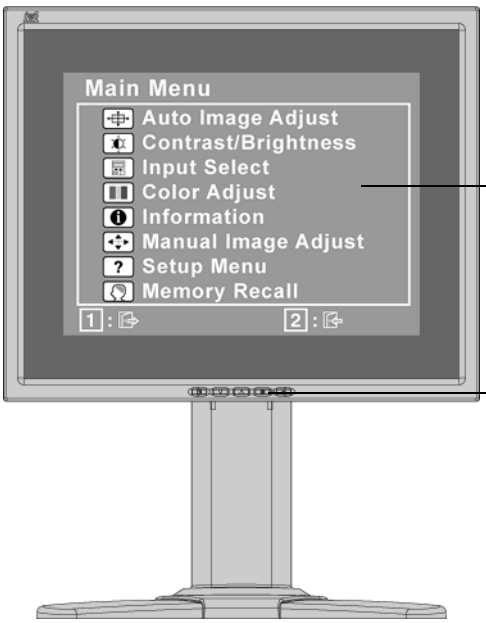
One Unit Packing (Standard)

Shipping Carton Type	One piece construction with single wall, 0.6 Kg
Shipping Carton Handholds	No
Plastic handle	PE-LD, 12 g
Poly form	EPS, 128 g, 2 pices
Accessory plastic bags	PE-LD, 2g
PE bag (covers monitor)	PE-LD, 3g
Pallet (for Europe)	Poplar, 10 Kg
Pallet (for others)	Fumigation wood, 10 Kg
Width / Height / Depth	476 mm (18.7 ") x 470 mm (18.5 ") x 214 mm (8.4")
Gross Weight	8.3 Kg (18.26 lbs)
# units per Pallet	48 units
40' Container Loading	960 pieces
20' Container Loading	480 pieces

7. Environmental

Operating Temperature	0°C to +40°C
Storage Temperature	-20°C to +60°C
Operating Relative Humidity	20% to 90% RH Non-Condensing
Storage Relative Humidity	5% to 90% RH Non-Condensing
Operating Altitude	0 to +3,000 meters
Storage Altitude	0 to +12,000 meters

3. Front Panel Function Control Description



Main Menu
with OSD controls

Front Control Panel
shown below in detail

Scrolls through menu options and adjusts the displayed control.

Also a shortcut to display the Contrast adjustment control screen.

Displays the Main Menu or exits the control screen and saves adjustments.

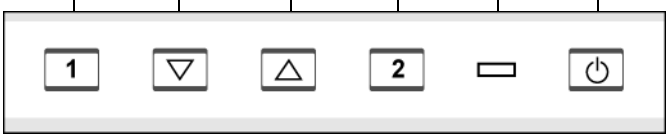
Displays the control screen for the highlighted control.

Also toggles between two controls on some screens.

Also a shortcut to toggle analog and digital connection.

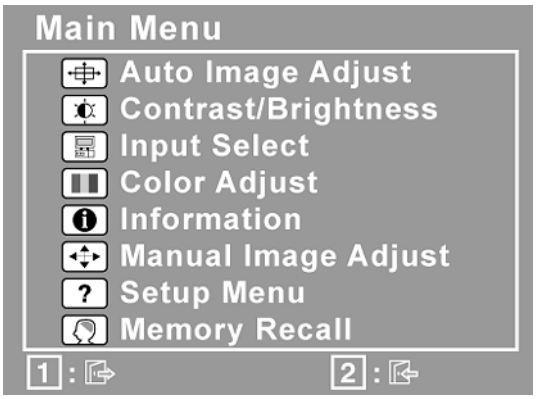
Power light
Green = ON
Orange = Power Saving

Standby Power On/Off



Do the following to adjust the display setting:

1. To display the Main Menu, press button [1].



NOTE: All OSD menus and adjustment screens disappear automatically after about 15 seconds. This is adjustable through the OSD timeout setting in the setup menu.

2. To select a control to adjust, press▲or▼to scroll up or down in the Main Menu.

3. After the desired control is selected, press button [2]. A control screen like the one shown below appears.

4. To adjust the setting, press the up▲or down▼buttons.

5. To save the adjustments and exit the menu, press button [1] *twice*.

The following tips may help you optimize your display:

- Adjust the computer's graphics card so that it outputs a 1280 x 1024 @ 60Hz video signal to the LCD display. (Look for instructions on "changing the refresh rate" in the graphics card's user guide.)
- If necessary, make small adjustments using H. POSITION and V. POSITION until the screen image is completely visible. (The black border around the edge of the screen should barely touch the illuminated "active area" of the LCD display.)

Main Menu Controls

Adjust the menu items shown below by using the up▲and down▼buttons.

Control	Explanation

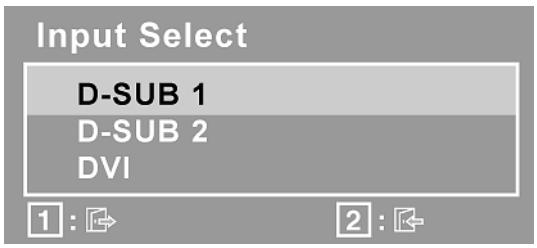
Auto Image Adjust automatically sizes, centers, and fine tunes the video signal to eliminate waviness and distortion. Press the [2] button to obtain a sharper image.

NOTE: Auto Image Adjust works with most common video cards. If this function does not work on your LCD display, then lower the video refresh rate to 60 Hz and set the resolution to its pre-set value.

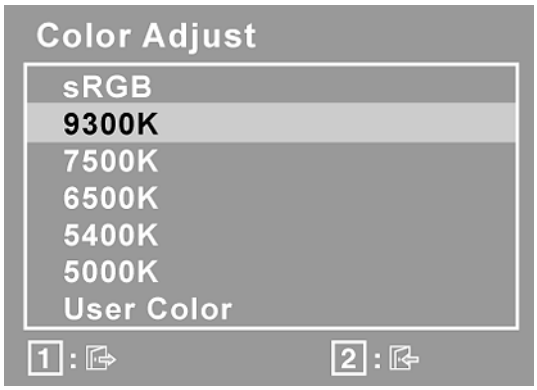
Contrast adjusts the difference between the image background (black level) and the foreground (white level).

Brightness adjusts background black level of the screen image.

Input Select allows the user to toggle between an analog and a digital signal.



Color Adjust provides several color adjustment modes, including preset color temperatures and a User Color mode which allows independent adjustment of red (R), green (G), and blue (B). The factory setting for this product is 6500K (6500 Kelvin).



sRGB-This is quickly becoming the industry standard for color management, with support being included in many of the latest applications. Enabling this setting allows the LCD display to more accurately display colors the way they were originally intended. Enabling the sRGB setting will cause the Contrast and Brightness adjustments to be disabled.

9300K - Adds blue to the screen image for cooler white (used in most office settings with fluorescent lighting).

7500K - Adds blue to the screen image for cooler white (used in most office settings with fluorescent lighting).

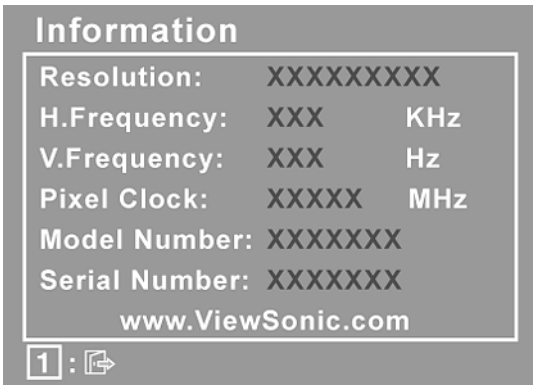
6500K - Adds red to the screen image for warmer white and richer red.

5400K - Adds green to the screen image for a darker color.

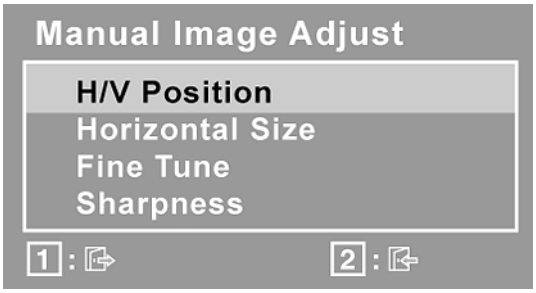
5000K - Adds blue and green to the screen image for a darker color.

User Color - Individual adjustments for red (R), green (G), and blue (B).
1. To select color (R, G or B) press button [2].
2. To adjust selected color, press▲or▼.
Important: If you select RECALL from the Main Menu when the product is set to a Preset Timing Mode, colors return to the 6500K factory preset.

Information displays the timing mode (video signal input) coming from the graphics card in the computer, the LCD model number, the serial number, and the ViewSonic® website URL. See your graphics card's user guide for instructions on changing the resolution and refresh rate (vertical frequency).
NOTE: VESA 1280 x 1024 @ 60Hz (recommended) means that the resolution is 1280 x 1024 and the refresh rate is 60 Hertz.



Manual Image Adjust displays the Manual Image Adjust menu.



Control	Explanation

H./V. Position (Horizontal/Vertical Position) moves the screen image left or right and up or down.

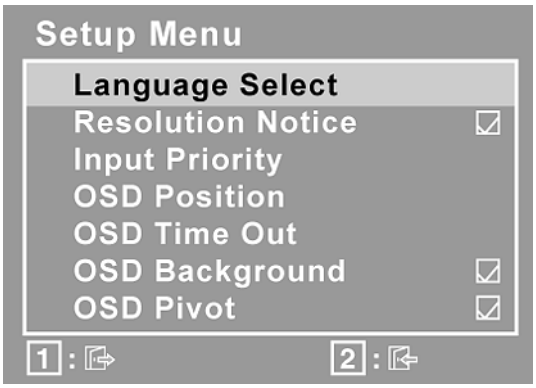
Horizontal Size adjusts the width of the screen image.

Fine Tune sharpens the focus by aligning text and/or graphics with pixel boundaries.

Sharpness adjusts the clarity and focus of the screen image.

?

Setup Menu displays the menu shown below:



Language Select allows the user to choose the language used in the menus and control screens.

Resolution Notice allows the user to enable or disable this notice.

Input Priority If multiple computers will be connected to the display, this function can be used to select which computer has priority depending on the selected Input Priority, the display will do a one time detection for available inputs when first powered on.

OSD Position allows the user to move the OSD menus and control screens.

OSD Timeout sets the length of time the OSD screen is displayed. For example, with a "15 second" setting, if a control is not pushed within 15 seconds, the display screen disappears.

OSD Background allows the user to turn the OSD background On or Off.

OSD Pivot This function is used to rotate the OSD menu, changing the OSD screen to Landscape or Portrait mode.

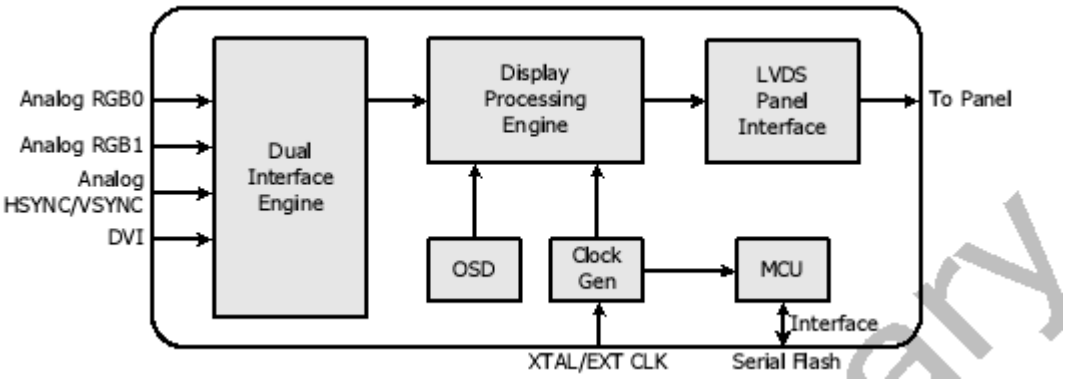
Control	Explanation
	**Memory Recall** returns the adjustments back to factory settings if the display is operating in a factory Preset Timing Mode listed in the Specifications of this manual. **Exception:** This control does not affect changes made with the User Color control, Language Select or Power Lock setting.

Scaler: M-star TSUM66AJ

GENERAL DESCRIPTION
The TSUM66AJ is total solution graphics processing IC for LCD monitors with panel resolutions up to SXGA. It is
configured with a high-speed integrated triple-ADC/PLL, an integrated DVI receiver, a high quality display
processing engine, and an integrated output display interface that can support LVDS panel interface format.
To further reduce system costs, the TSUM66AJ also integrates intelligent power management control capability
for green-mode requirements and spread-spectrum support for EMI management.

The TSUM66AJ incorporates the world's first coherent oversampled RGB graphics ADC in a monitor controller
1
system . The oversampling ADC samples the input RGB signals at a frequency that is much higher than the
signal source pixel rate. This can preserve details in the video signal that ordinarily would be lost due to input
signal jitter or bandwidth limitations in non-oversampled systems.
2
The TSUM66AJ also incorporates a new Dynamic Frame Rate (DFR) generator for the digital output video to
the display panel that preserves the advantages of a fixed output clock rate, while eliminating the output end of
frame short-line.

BLOCK DIAGRAM



FEATURES

- Input Ports
  - Two RGB analog input ports support up to 165 MHz (UXGA @ 60Hz)
  - Full SOG and composite sync support, including copy protected signals
  - DVI receiver operates up to 165 MHz
- Display Processing Engine
  - Patent-pending Hybrid Image Resolution Converter
  - Variable sharpness control
  - Interlaced to progressive conversion
  - Patent-pending Dynamic Frame-Rate generator (DFR) – short line storage frame extension technique eliminates short lines in output frames
  - Media Window Enhancement (MWE)[Note]
  - Peaking & coring functions for sharpness enhancement and noise reduction
  - Brightness and contrast control
  - Programmable 10-bit gamma correction
  - sRGB support
- Auto-Detection / Auto-Tune Support
  - Auto input signal format (SOG, Composite, Separated HSYNC, VSYNC, and DE)
  - Input mode detection support analyzes input video signal (H/V polarity, H/V frequency, interlace/field detect) – extensive status registers support robust detection of all VESA & IBM modes
  - Auto-tuning function including support for phase selection, image position, offset & gain and jitter detection
  - Smart screen-fitting
- On-screen display controller (OSD)
  - Built-in OSD generator with 291 character font programmable RAM
  - Internal OSD rotation degree of 90 and 270
  - Supports 2/4/8 multi-color fonts
  - Supports 8/16/256 color palette
  - Supports 1K code attributes
  - Gradient color function
  - Hardware button animation function
  - Pattern generator for production test
  - Supports OSD MUX and alpha blending capability
- Output Display Interface
  - Supports 6/8-bit LVDS panel interface
  - Supports up to SXGA display resolution with up to 135 MHz dot clock
  - Spread spectrum output frequency for EMI suppression
  - PWM backlight intensity control
- DPMS Support
  - Full Green Mode DPMS support
  - Low standby power (< 16mA)
- Embedded MCU
  - 8032 CPU
  - ISP Support
  - UART Support
  - 21 GPIO
- External Connection/Component
  - Built-in DDC circuit
  - DDC2B/2Bi/2B+/CI support
  - Supports External Serial Flash

Note: The optional MWE function is available with TSUM66AWJ.

- Auto-Detection / Auto-Tune Support
  - Auto input signal format (SOG, Composite, Separated HSYNC, VSYNC, and DE)
  - Input mode detection support analyzes input video signal (H/V polarity, H/V frequency, interlace/field detect) – extensive status registers support robust detection of all VESA & IBM modes
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- External Connection/Component
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  - Supports External Serial Flash

Note: The optional MWE function is available with TSUM66AWJ.

PIN DESCRIPTION

Analog Interface

Pin Name	Pin Type	Function	Pin
HSYNC0	Schmitt Trigger Input w/ 5V-tolerant	Analog HSYNC input from channel 0	37
VSYNC0	Schmitt Trigger Input w/ 5V-tolerant	Analog VSYNC input from channel 0	38
REFP		Internal ADC top de-coupling pin	34
REFM		Internal ADC bottom de-coupling pin	33
RIN0P	Analog Input	Analog red input from channel 0	32
RIN0M	Analog Input	Reference ground for analog red input from channel 0	31
SOGIN0	Analog Input	Sync-on-green input from channel 0	30
GIN0P	Analog Input	Analog green input from channel 0	29
GIN0M	Analog Input	Reference ground for analog green input from channel 0	28
BIN0P	Analog Input	Analog blue input from channel 0	27
BIN0M	Analog Input	Reference ground for analog blue input from channel 0	26
RIN1M	Analog Input	Reference Ground for Analog Red Input from Channel 1	25
RIN1P	Analog Input	Analog Red Input from Channel 1	24
GIN1M	Analog Input	Reference ground for analog green input from channel 1	23
GIN1P	Analog Input	Analog green input from channel 1	22
SOGIN1	Analog Input	Sync-on-green input from channel 1	21
BIN1M	Analog Input	Reference ground for analog blue input from channel 1	20
BIN1P	Analog Input	Analog blue input from channel 1	19
VSYNC1	Schmitt Trigger Input w/ 5V-tolerant	Analog VSYNC input from channel 1	18
HSYNC1	Schmitt Trigger Input w/ 5V-tolerant	Analog HSYNC input from channel 1	17
REXT		External resistor 390 ohm to AVDD_DVI	15

DVI Interface

Pin Name	Pin Type	Function	Pin
R+	Input	DVI Input Channel + RED	3
R-	Input	DVI Input Channel – RED	4
G+	Input	DVI Input Channel + GREEN	6
G-	Input	DVI Input Channel – GREEN	7
B+	Input	DVI Input Channel + BLUE	9
B-	Input	DVI Input Channel – BLUE	10

Pin Name	Pin Type	Function	Pin
CK+	Input	DVI Input Clock Pair +	12
CK-	Input	DVI Input Clock Pair –	13

Serial Flash Interface

Pin Name	Pin Type	Function	Pin
SDO	Input w/ 5V-Tolerant	SPI Flash Serial Data Output	44
CSZ	Output	SPI Flash Chip Select	45
SCK	Output	SPI Flash Serial Clock	46
SDI	Output	SPI Flash Serial Data Input	47

LVDS Interface

Pin Name	Pin Type	Function	Pin
LVA0M	Output	A-Link Negative LVDS Differential Data Output	82
LVA0P	Output	A-Link Positive LVDS Differential Data Output	81
LVA1M	Output	A-Link Negative LVDS Differential Data Output	80
LVA1P	Output	A-Link Positive LVDS Differential Data Output	79
LVA2M	Output	A-Link Negative LVDS Differential Data Output	78
LVA2P	Output	A-Link Positive LVDS Differential Data Output	77
LVA3M	Output	A-Link Negative LVDS Differential Data Output	72
LVA3P	Output	A-Link Positive LVDS Differential Data Output	71
LVACKM	Output	A-Link Negative LVDS Differential Clock Output	76
LVACKP	Output	A-Link Positive LVDS Differential Clock Output	75
LVB0M	Output	B-Link Negative LVDS Differential Data Output	96
LVB0P	Output	B-Link Positive LVDS Differential Data Output	95
LVB1M	Output	B-Link Negative LVDS Differential Data Output	92
LVB1P	Output	B-Link Positive LVDS Differential Data Output	91
LVB2M	Output	B-Link Negative LVDS Differential Data Output	90
LVB2P	Output	B-Link Positive LVDS Differential Data Output	89
LVB3M	Output	B-Link Negative LVDS Differential Data Output	86
LVB3P	Output	B-Link Positive LVDS Differential Data Output	85
LVBCKM	Output	B-Link Negative LVDS Differential Clock Output	88
LVBCKP	Output	B-Link Positive LVDS Differential Clock Output	87

GPIO Interface

Pin Name	Pin Type	Function	Pin
GPIO_P15 /PWM0	I/O w/ 5V-tolerant	General Purpose Input/Output; 4mA driving strength/ Pulse Width Modulation Output; 4mA driving strength	43
GPIO_P23	I/O w/ 5V-tolerant	General Purpose Input/Output; 4mA driving strength	48
GPIO_P22	I/O w/ 5V-tolerant	General Purpose Input/Output; 4mA driving strength	49
GPIO_P11/ I2C_MDA	I/O w/ 5V-tolerant	General Purpose Input/Output; 4mA driving strength/ I2C Master Data; 4mA driving strength	50
GPIO_P10/ I2C_MCL	I/O w/ 5V-Tolerant	General Purpose Input/Output; 4mA driving strength/ I2C Master Clock; 4mA driving strength	51
PWM2/ GPIO_P24	I/O w/ 5V-tolerant	Pulse Width Modulation Output; 4mA driving strength/ General Purpose Input/Output; 4mA driving strength	53
GPIO_P27 /PWM1	I/O w/ 5V-tolerant	General Purpose Input/Output; 4mA driving strength/ Pulse Width Modulation Output; 4mA driving strength	54
GPIO_P12	I/O w/ 5V-tolerant	General Purpose Input/Output; 4mA programmable driving strength	106
PWM1/ GPIO_P25	I/O w/ 5V-tolerant	Pulse Width Modulation Output; 4mA driving strength/ General Purpose Input/Output; 4mA driving strength	107
GPIO_P00/ SAR1	I/O w/ 5V-tolerant	General Purpose Input/Output; 4mA driving strength/ SAR ADC Input	109
GPIO_P01/ SAR2	I/O w/ 5V-tolerant	General Purpose Input/Output; 4mA driving strength/ SAR ADC Input	110
GPIO_P02/ SAR3	I/O w/ 5V-tolerant	General Purpose Input/Output; 4mA driving strength/ SAR ADC Input	111

GPIO_P03	I/O w/ 5V-tolerant	General Purpose Input/Output; 4mA programmable driving strength	114
GPIO_P04	I/O w/ 5V-tolerant	General Purpose Input/Output; 4mA programmable driving strength	115
GPIO_P05	I/O w/ 5V-tolerant	General Purpose Input/Output; 4mA programmable driving strength	116
GPIO_P06	I/O w/ 5V-tolerant	General Purpose Input/Output; 6/12mA programmable driving strength	117
GPIO_P07	I/O w/ 5V-tolerant	General Purpose Input/Output; 6/12mA programmable driving strength	118
PWM0/ GPIO_P26	I/O w/ 5V-tolerant	Pulse Width Modulation Output; 4mA driving strength/ General Purpose Input/Output; 4mA driving strength	119
GPIO_P13	I/O w/ 5V-tolerant	General Purpose Input/Output; 4mA driving strength	120
GPIO_P14	I/O w/ 5V-tolerant	General Purpose Input/Output; 4mA driving strength	121
GPIO_P16/ PWM2	I/O w/ 5V-tolerant	General Purpose Input/Output; 4mA driving strength/ Pulse Width Modulation Output; 4mA driving strength	126

Misc. Interface

Pin Name	Pin Type	Function		Pin
BYPASS		For External Bypass Capacitor		100
RST	Input w/ 5V-Tolerant	Chip Reset; High Reset		105
RSTN	Input w/ 5V-Tolerant	Chip Reset; Low Reset		108
VCTRL	Output	Regulator Control		102
MODE[1:0]	Input	Chip Configuration Input		67, 70
		MODE[1:0]	Chip Operation	
		00	Normal Operation	
DDCA_SDA/ RS232_TX	I/O w/ 5V-tolerant	DDC Data for Analog Interface; 4mA driving strength/ UART Transmitter/GPIO		39
DDCA_SCL/ RS232_RX	Input w/ 5V-Tolerant	DDC Clock for Analog Interface/ UART Receiver/GPIO		40
DDCD_SDA	I/O w/ 5V-tolerant	DDC Data for DVI interface; 4mA driving strength		127
DDCD_SCL	Input w/ 5V-Tolerant	DDC Clock for DVI Interface		128
XIN	Crystal Oscillator Input	Xin		122
XOUT	Crystal Oscillator Output	Xout		123

Power Pins

Pin Name	Pin Type	Function	Pin
AVDD_DVI	3.3V Power	DVI Power	8, 14
AVDD_ADC	3.3V Power	ADC Power	16
AVDD_MPLL	3.3V Power	MPLL Power	124
VDDP	3.3V Power	Digital Output Power	41 ,64, 69, 73, 83, 93, 113
VDDC	1.8V Power	Digital Core Power	42, 66, 84, 103
GND	Ground	Ground	1, 2, 5, 11, 35, 36, 65, 68, 74, 94, 98, 99, 101, 104, 112, 125

No Connects

Pin Name	Pin Type	Function	Pin
NC		No Connect. Leave These Pins Floating.	52, 55-63, 97

ELECTRICAL SPECIFICATIONS

Analog Interface Characteristics

Parameter	Min	Typ	Max	Unit
Resolution		8		Bits
DC ACCURACY				
Differential Nonlinearity		±0.5	+1.50/-1.0	LSB
Integral Nonlinearity		±1		LSB
No Missing Codes		Guaranteed		
ANALOG INPUT				
Input Voltage Range				
Minimum			0.5	V p-p
Maximum	1.0			V p-p
Input Bias Current			1	uA
Input Full-Scale Matching		1.5		%FS
Brightness Level Adjustment		62		%FS
SWITCHING PERFORMANCE				
HSYNC Input Frequency	15		200	kHz
PLL Clock Rate	12		220	MHz
PLL Jitter		500		ps p-p
Sampling Phase Tempco		15		ps/°C
DIGITAL INPUTS				
Input Voltage, High (V_{IH})	2.5			V
Input Voltage, Low (V_{IL})			0.8	V
Input Current, High (I_{IH})			-1.0	uA
Input Current, Low (I_{IL})			1.0	uA
Input Capacitance		5		pF
DIGITAL OUTPUTS				
Output Voltage, High (V_{OH})	VDDP-0.1			V
Output Voltage, Low (V_{OL})			0.1	V
DYNAMIC PERFORMANCE				
Analog Bandwidth, Full Power		250		MHz
Channel to Channel Matching		0.5%		Full-Scale

Specifications are subjected to change without notice.

Absolute Maximum Ratings

Parameter	Symbol	Min	Typ	Max	Units
3.3V Supply Voltages	V_{VDD_33}	-0.3		3.6	V
1.8V Supply Voltages	V_{VDD_18}	-0.3		1.98	V
Input Voltage (5V tolerant inputs)	$V_{IN5Vtol}$	-0.3		5.0	V
Input Voltage (non 5V tolerant inputs)	V_{IN}	-0.3		V_{VDD_33}	V
Ambient Operating Temperature	T_A	0		70	°C
Storage Temperature	T_{STG}	-40		150	°C
Junction Temperature	T_J			150	°C
Thermal Resistance (Junction to Air) Natural Conversion	θ_{JA}		34		°C/W
Thermal Resistance (Junction to Case) Natural Conversion	θ_{JC}		6.0		°C/W

Note: Stress above those listed under Absolute Maximum Rating may cause permanent damage to the device. This is a stress rating only; functional operation of the device at these or any other conditions outside of those indicated in the operation sections of this specification is not implied. Exposure to absolute maximum ratings for extended periods may affect device reliability.

INVERTER

In order to drive the CCFLs embedded in the panel module, there is a half bridge inverter to convert by the controller.

The input 12V up to hundreds of AC voltage output.

The inverter is formed by symmetric in order to drive the separate lamp modules.

The input stage consists of a PWM controller, half bridge inverter, and switching MOSFET to convert DC input into AC output.

The output stage consists of a tuning capacitor, coupling capacitor, transformer, push-pull MOSFET pair to boost AC output up to hundreds of voltage.

And one resister is serial to lamp for output voltage feedback.

There are two signal to control the inverter which come from system.

Logic “high” level which send to P106 pin6 is turn on the inverter.

BRI signal control brightness by DC level which was integral from PWM signal.

1. Function Test

1.1 Product

- 19” LCD Monitor

1.2 Test Equipment

- Color Video Signal & Pattern (or PC with SXGA resolution and a sound card)

1.3 Test Condition

Before function test and alignment, each LCD Monitor should be run-in and warmed up for at least 30 minutes with the following conditions:

(a) In room temperature,

(b) With full-white screen, RGB, and Black

(c) With cycled display modes,

640*480 (H=43.27kHz, V=85Hz)

800*600 (H=53.7kHz, V=85Hz)

1024*768 (H=68.67kHz, V=85Hz)

1280*1024 (H=79.97kHz, V=75Hz)

1.4 Test Display Modes & Pattern

1.4.1 Compatible Modes

Item	Timing					Analog	Digital
1	640 x 350	@	70 Hz,	31.5	KHz	Yes	Yes
2	640 x 400	@	60 Hz,	31.5	KHz	Yes	Yes
3	640 x 400	@	70 Hz,	31.5	KHz	Yes	Yes
4	640 x 480	@	50 Hz,	24.7	KHz	Yes	Yes
5	640 x 480	@	60 Hz,	31.5	KHz	Yes	Yes
6	640 x 480	@	67 Hz,	35.0	KHz	Yes	Yes
7	640 x 480	@	72 Hz,	37.9	KHz	Yes	Yes
8	640 x 480	@	75 Hz,	37.5	KHz	Yes	Yes
9	640 x 480	@	85 Hz,	43.3	KHz	Yes	Yes
10	640 x 870	@	75 Hz,	68.9	KHz	Yes	Yes
11	720 x 400	@	70 Hz,	31.5	KHz	Yes	Yes
12	720 x 480	@	60 Hz,	31.5	KHz	Yes	Yes
13	720 x 576	@	50 Hz,	31.3	KHz	Yes	Yes
14	800 x 600	@	56 Hz,	35.1	KHz	Yes	Yes
15	800 x 600	@	60 Hz,	37.9	KHz	Yes	Yes
16	800 x 600	@	72 Hz,	48.1	KHz	Yes	Yes
17	800 x 600	@	75 Hz,	46.9	KHz	Yes	Yes
18	800 x 600	@	85 Hz,	53.7	KHz	Yes	Yes
19	832 x 624	@	75 Hz,	49.7	KHz	Yes	Yes
20	1024 x 768	@	50 Hz,	39.6	KHz	Yes	Yes

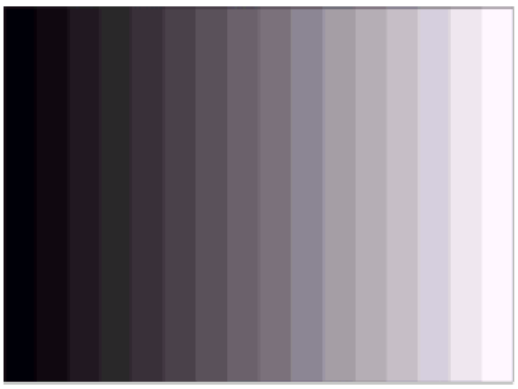
21	1024 x 768	@	60 Hz,	48.4	KHz	Yes	Yes
22	1024 x 768	@	70 Hz,	56.5	KHz	Yes	Yes
23	1024 x 768	@	72 Hz,	58.1	KHz	Yes	Yes
24	1024 x 768	@	75 Hz,	60.0	KHz	Yes	Yes
25	1024 x 768	@	75 Hz,	60.2	KHz	Yes	Yes
26	1024 x 768	@	85 Hz,	68.7	KHz	Yes	Yes
27	1152 x 864	@	75 Hz,	67.5	KHz	Yes	Yes
28	1152 x 870	@	75 Hz,	68.7	KHz	Yes	Yes
29	1280 x 720	@	50 Hz,	37.5	KHz	Yes	Yes
30	1280 x 720	@	60 Hz,	45.0	KHz	Yes	Yes
31	1280 x 768	@	50 Hz,	39.6	KHz	Yes	Yes
32	1280 x 768	@	60 Hz,	47.8	KHz	Yes	Yes
33	1280 x 768	@	75 Hz,	60.3	KHz	Yes	Yes
34	1280 x 768	@	85 Hz,	68.6	KHz	Yes	Yes
35	1280 x 960	@	50 Hz,	49.4	KHz	Yes	Yes
36	1280 x 960	@	60 Hz,	59.7	KHz	Yes	Yes
37	1280 x 960	@	75 Hz,	75.2	KHz	Yes	Yes
38	1280 x 1024	@	50 Hz,	52.7	KHz	Yes	Yes
39	1280 x 1024	@	60 Hz,	64.0	KHz	Yes	Yes
40	1280 x 1024	@	75 Hz,	80.0	KHz	Yes	Yes

1. Tolerance ≥ ±2KHz.
2. Any timing not in the list, it should display as normal or show on “OUT OF RANGE” OSD message without blanking.
3. The image quality of 85Hz mode might be worse than 75Hz.

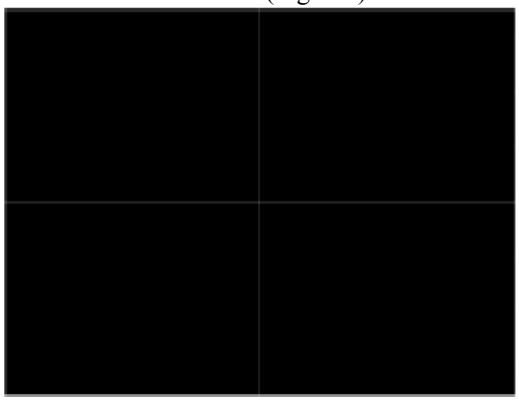
1.4.2 Function Test Display Pattern

Item	Test Content	Pattern	Specification	Remark
1	Frequency & Tracking	Fine Line Moire	Eliminate visual wavy noise.	Figure 1
2	Contrast/Brightness	16 Gray Scale	16 gray levels should be distinguishable.	Figure 2
3	Boundary	Horizontal & Vertical Thickness	Horizontal and Vertical position of video should be adjustable to be within the screen frame.	Figure 3
4	RGB Color Performance	RGB Color Intensities	Contrast of each R, G, B, color should be normal.	Figure 4, 5, 6
5	Screen Uniformity & Flicker	Full White	Should be compliant with the spec.	Figure 7
6	Dead Pixel/Line	White Screen & Dark Screen	The numbers of dead pixels should be compliant with the spec.	Figure 7, 8
7	White Balance	White & Black Pattern	The screen must have the pure white and black pattern, no other color.	Figure 9

Fine Line Morie Pattern (Figure1)

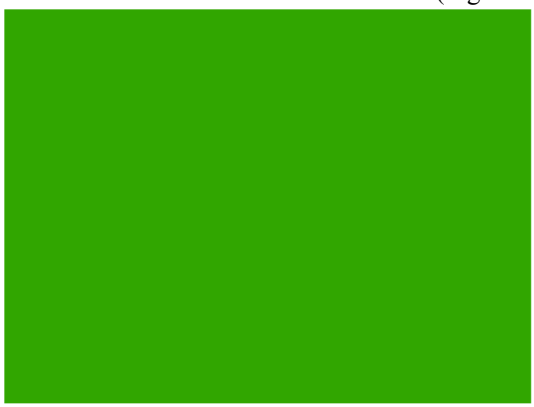


Gray Scale Pattern (Figure2)

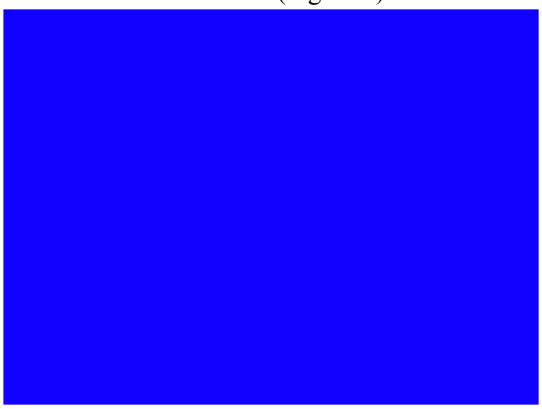


Horizontal & Vertical Thickness Pattern (Figure 3)

R. Color Pattern (Figure 4)

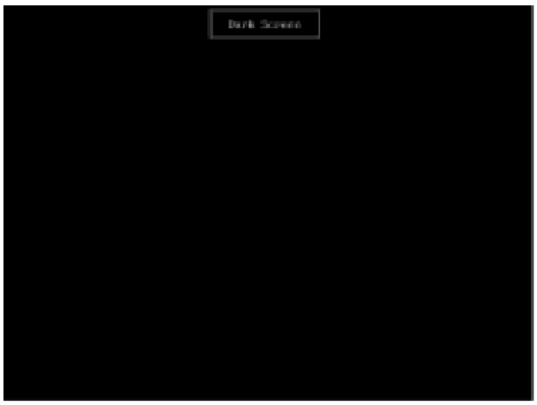


G. Color Pattern (Figure5)

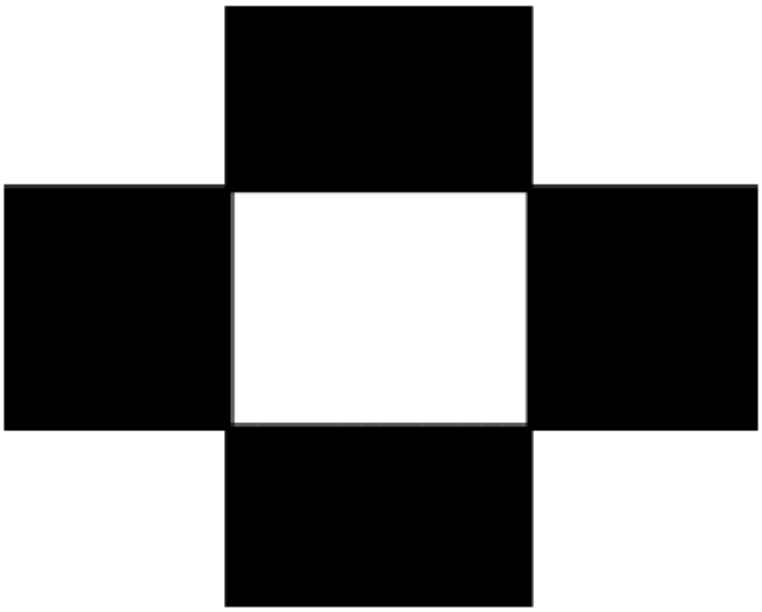


B. Color Pattern (Figure 6)

Full White Patter (Figure 7)



Dark Screen Pattern (Figure 8)



Black-White Pattern (Figure 9)

1.5 Function Test and Alignment Procedure

1.5.1 All Modes Reset

You should do "All Mode Reset" (Refer to Chapter III-3. Hot Keys for Function Controls) first. This action will allow you to erase all end-user's settings and restore the factory defaults.

1.5.2 Auto Image Adjust

Please select and enter ***"Auto Image Adjust"*** function on Main Menu to see if it is workable. The ***"Auto Image Adjust"*** function is aimed to offer a better screen quality by built-in ASIC. For optimum screen quality, the user has to adjust each function manually.

1.5.3 Firmware

Test Pattern: Burn In Mode (Refer to Chapter III-3. Hot Keys for Function Controls)

- Make sure the F/W is the latest version.

1.5.4 DDC

Test Pattern: EDID program

- Make sure it can pass test program.

1.5.5 Fine Tune and Sharpness

Test Signal: 1280*1024@60Hz

Test Pattern: Line Moire Pattern

- Check and see if the image has noise and focus performs well. Eliminate visual line bar.
- If not, readjust by the following steps:

(a) Select and enter "**Fine Tune**" function on "**Manual Image Adjust**" to adjust the image to eliminate visual wavy noise.

(b) Then, select and enter "**Sharpness**" function to adjust the clarity and focus of the screen image.

1.5.6 Boundary

Test Signal: 1280*1024@60Hz

Test Pattern: Horizontal & Vertical Line Thickness Pattern

- Check and see if the image boundary is within the screen frame.
- If not, readjust by the following steps:

(a) Select and enter "**Manual Image Adjust**" function on OSD Main Menu.

(b) Then, select and enter "**Horizontal Size**" or "**Horizontal/Vertical Position**" function to adjust the video boundary to be full scanned and within screen frame.

1.5.7 White Balance

Test Signal: 1280*1024@60Hz

Test Pattern: White and Black Pattern

1.5.8 R, G, B, Colors Contrast

Test Signal: 1280*1024@60Hz

Test Pattern: R, G, B, Color Intensities Pattern and 16 Gray Scale Pattern

- Check and see if each color is normal and distinguishable.
- If not, please return the unit to repair area.

1.5.9 Screen Uniformity and Flicker

Test Signal: 1280*1024@60Hz

Test Pattern: Full White Pattern

- Check and see if it is in normal condition.

1.5.10 Dead Pixel and Line

Test Signal: 1280*1024@60Hz

Test Pattern: Dark and White Screen Pattern

- Check and see if there are dead pixels on LCD panel with shadow gauge and filter film.
- The total numbers and distance of dead pixels should be compliant with the spec.

1.5.11 Mura

Test Pattern: White, RGB, Black, & Grey

Test Tool: 8% ND Filter

- Check if the Mura can pass 8% ND Filter.

1.5.12 Audio

Test Signal: Voice signal (optional, depend on model)

Test Pattern: liberty

- Make sure there is audio output.
- Make sure that audio function (volume≦80%) is working without noise and resonance.
- Make sure that the sound of right and left speakers are in balance.

1.5.13 Check for Secondary Display Modes

Test Signal:

Analog: 640*350@70Hz; 640*480@60HZ
720*400@70Hz; 800*600@60HZ/70HZ/75HZ
832*624@75Hz, 1024*768@60HZ/70HZ/75HZ
1280*1024@60/75Hz

Digital: 640*350@70Hz; 640*480@60HZ
720*400@70Hz; 800*600@60HZ/70HZ/75HZ
1024*768@60/70/72/75; 1152*870@75Hz,
1280*1024@60Hz/75HZ

- Normally when the primary mode 1280*1024@60Hz is well adjusted and compliant with the specification, the secondary display modes will be great possible to be compliant with the spec. But we still have to check with the general test pattern to make sure every secondary is compliant with the specification.

1.5.14 All Modes Reset

After final QC step, we have to erase all saved changes again and restore the factory

defaults. You should do “All Mode Reset” again.

1.5.15 Power Off Monitor

Turn off the monitor by pressing “Power” button.

2. Firmware Upgrade Procedure

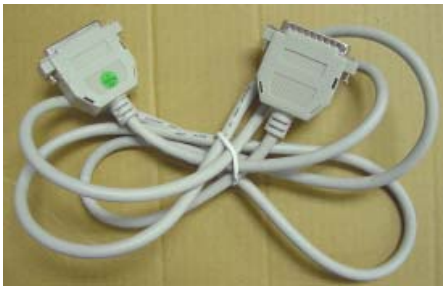
When you receive the returned monitor, please check whether the firmware version is the latest. If not, please do the following procedures to upgrade it to the latest version.

2.1 Equipment Needed

- VP930/B(3) Monitor
- Fixture for Firmware Upgrade
- VGA Cable
- PC (Personal Computer)
- LPT Cable
- Firmware Upgrade Program
- One additional monitor for checking the program execution

PC

VP930/B(3)



LPT Cable

VGA Cable

2.2 Setup Procedure

2.2.1 Connect P2 of Fixture with printer port of PC by LPT Cable.

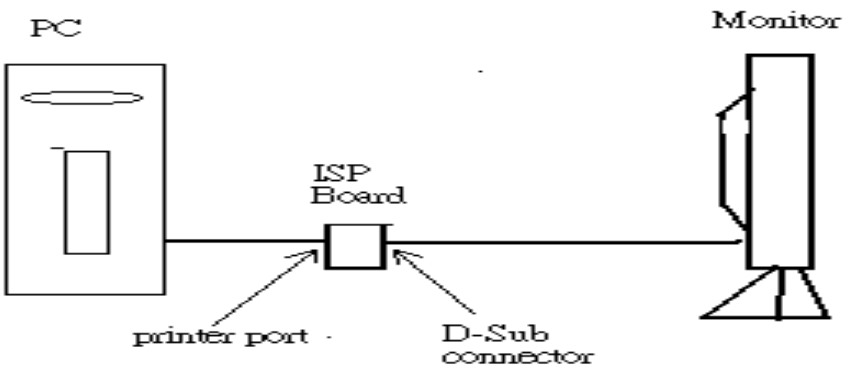
2.2.2 Connect P1 of Fixture with Monitor by VGA Cable.

2.2.3 Connect Power Cord to Monitor.

2.2.4 Connect PC to the additional monitor.

I. ISP Download program procedure

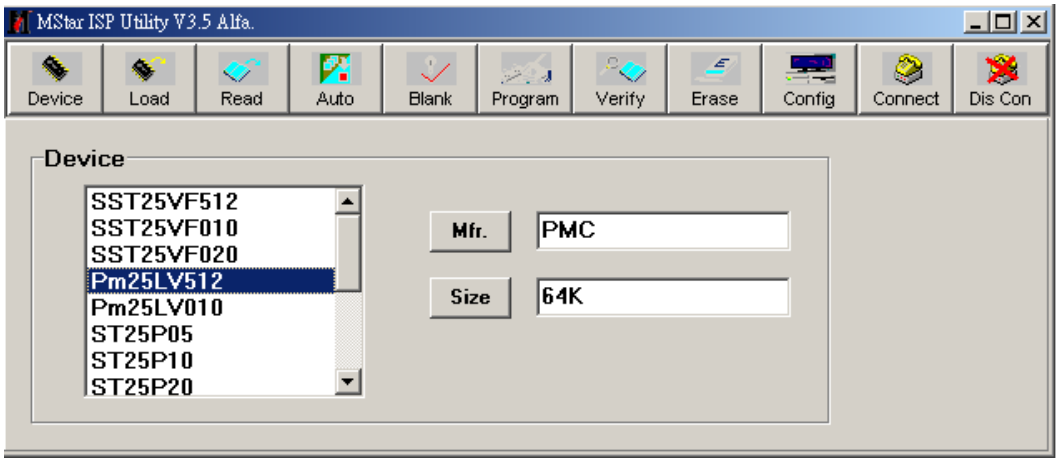
1 Hardware Connect status:



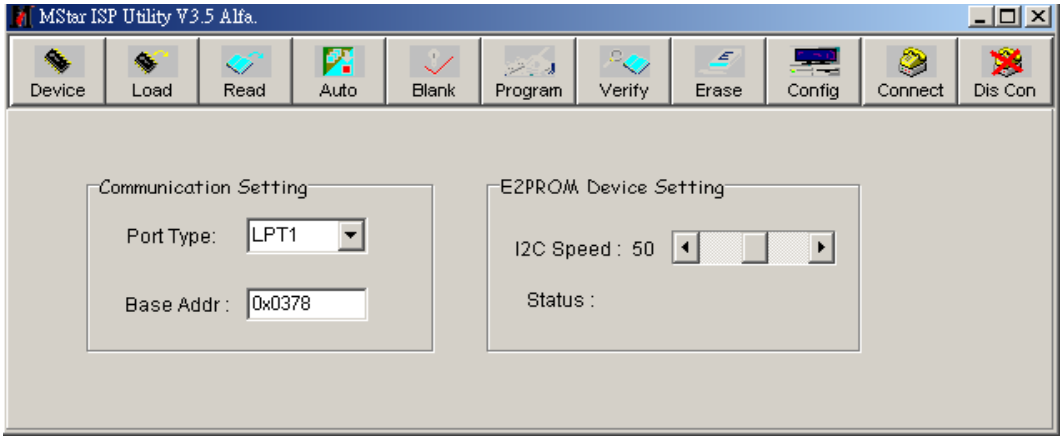
2 Down load isp program

First :Open ISP software (Mstar ISP Utility).
You will see the interface as below.

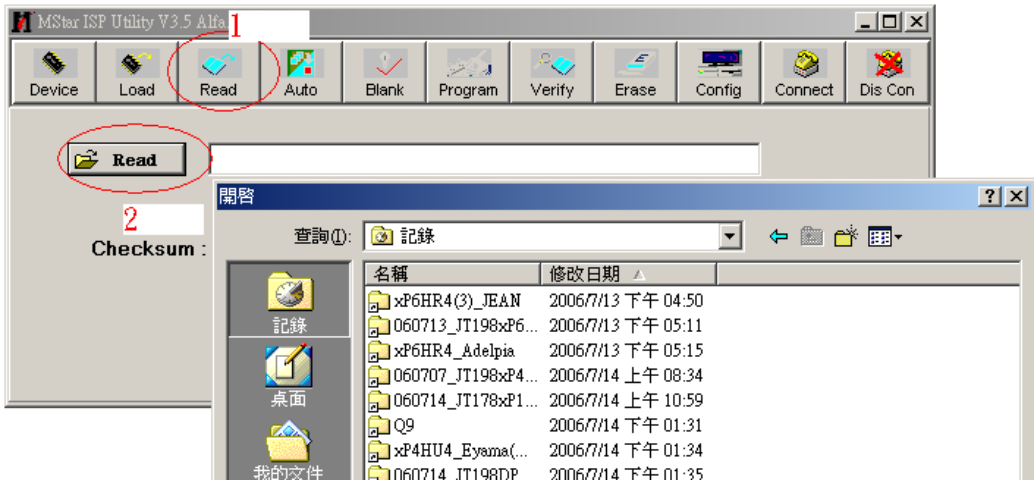
Second: select IC chip from device.
Press the button of "Device", select chip. Choose Pm25LV010.
You can see Mfr. and size.



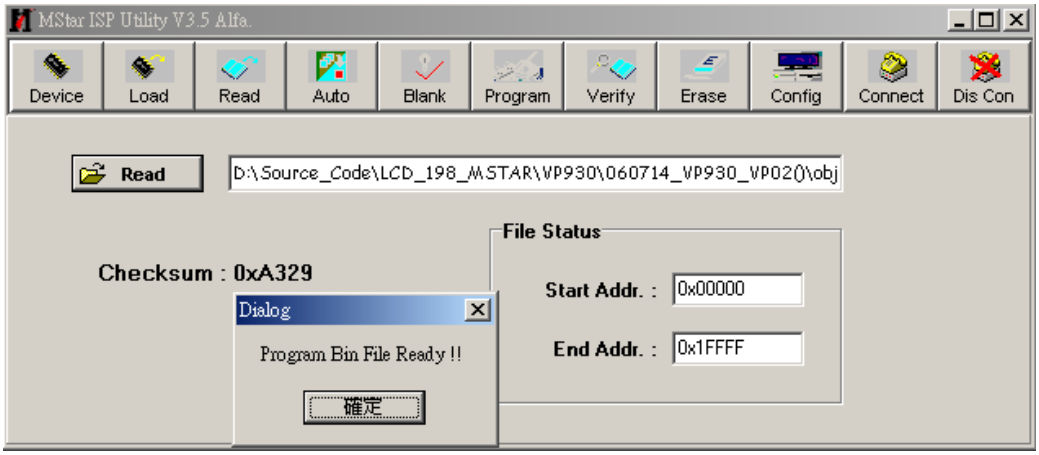
Third: Set up ISP speed.(define value is 50, if set too high, it can cause connect fail.)
Press the Button “Config” to set up. You can change speed of ISP by changing I2C Speed,
we use“50”normally.
If you use this ISP tools first time. Port Type select LPT1 if you download f/w by Print port1(LPT1)and Base Addr use 0x0378 instead of 0x0000.



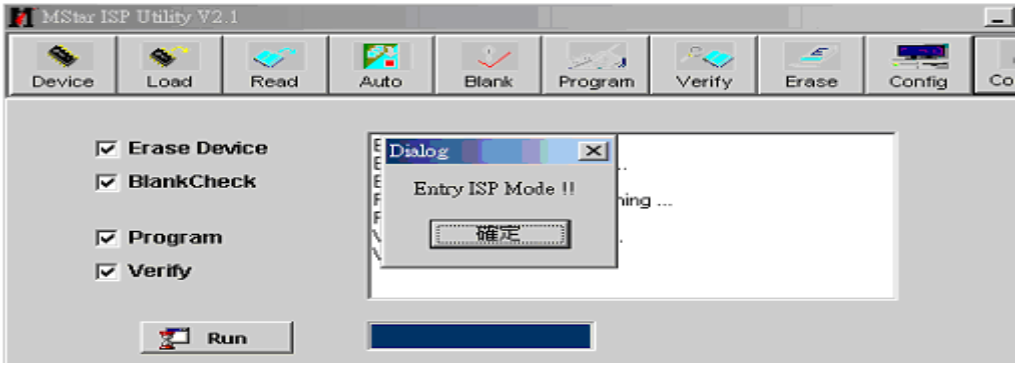
Fourth: Load firmware to buffer.
Press the button “Read”(1),and press button “Read” (2),then there will be a dialog,
you can select the F/W file whose suffix is “bin”.



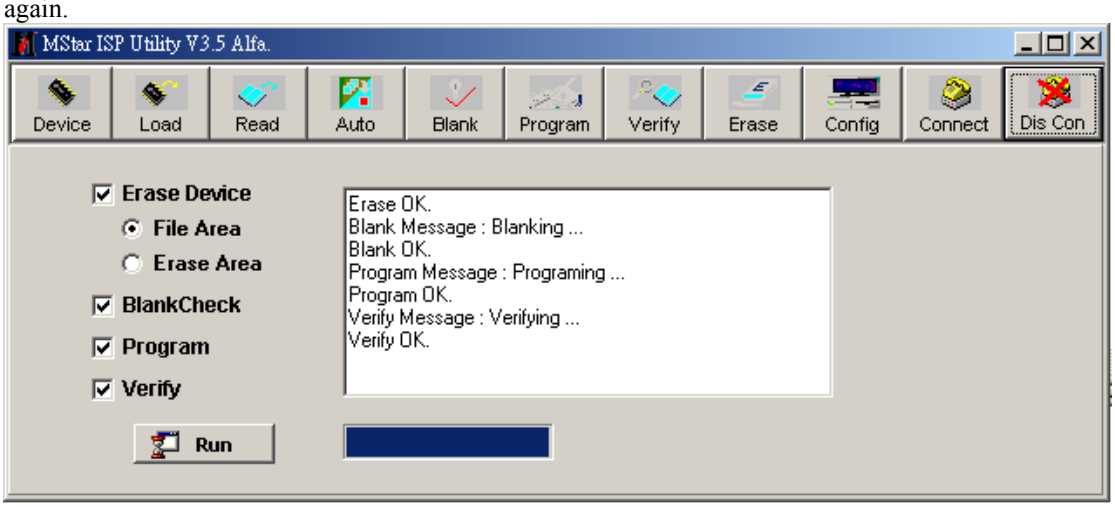
Choose correspond firmware then press “開啓”button. You will see a dialog as below.
Then press “確定”



Fifth: Connect
Press “Connect” button. There will be a dialog which will say “entry ISP Mode!!” if monitor connected to PC by hardware tools ok. Then press “確定”.



If you get a “can’t entry ISP Mode” message. You can try below solutions to conquer it.
(1). Check cable connected OK?
(2). Is selected a correspond device?
(3). Try to turn down ISP speed.
Last: Upgrade firmware to monitor.
Press the button “Auto”, then press “RUN”.
If download F/W successful, you can see it show Verify OK. If error. Please turn down ISP speed Run again.



When update firmware successful, please press “Dis Con” button to disconnect.
That’s all .thanks.

3. DDC Key In Procedure

Note:

1. Every time after replacing the main board, you have to do the DDC key in.
2. If you find the DDC does not conform to the monitor, you have to do the DDC key in.

3.1 Equipment Needed

- VP930/B(3) Series Monitor
- DDC Card
- PC
- RS232 cable
- DVI-DVI Cable
- Barcode Reader
- VGA Cable

VP930/B(3)

DDC Card

PC

RS-232 Cable

DVI-DVI Cable

Barcode Reader

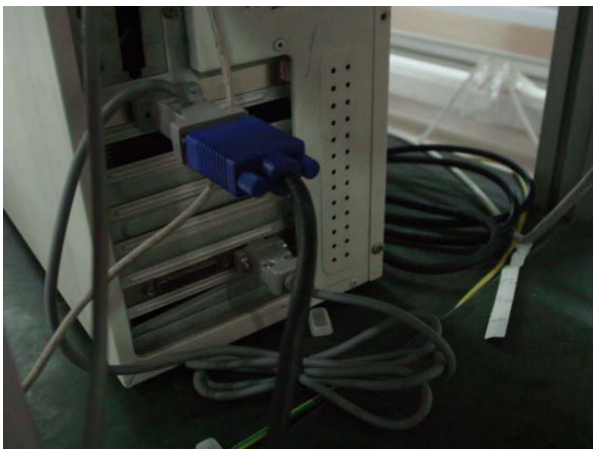
VGA Cable

3.2 Setup Procedure

1.Connect VGA Card and DDC Card with RS-232 cable.

2.Barcode Reader connect with keyboard and PC keyboard port.

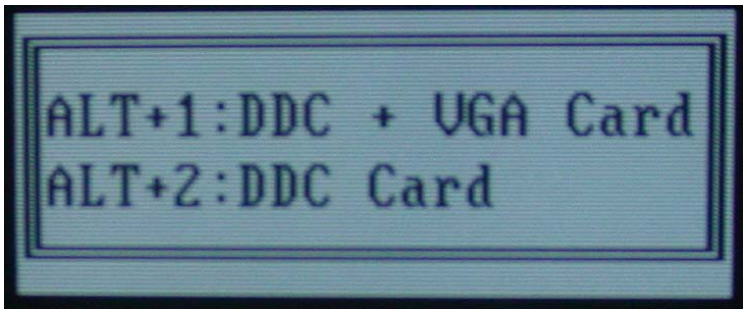
3.Connect RS-232 Cable and VP930/B(3) with VGA Cable.
4.(when key in DVI DDC information, use VGA transform to DVI port)
5.Connect Power Cord to VP930/B(3) Monitor.



3.3 DDC Key In Procedure

1.Run DDC.exe
2.Choose model number and conform the Time then Press “ENTER” key.

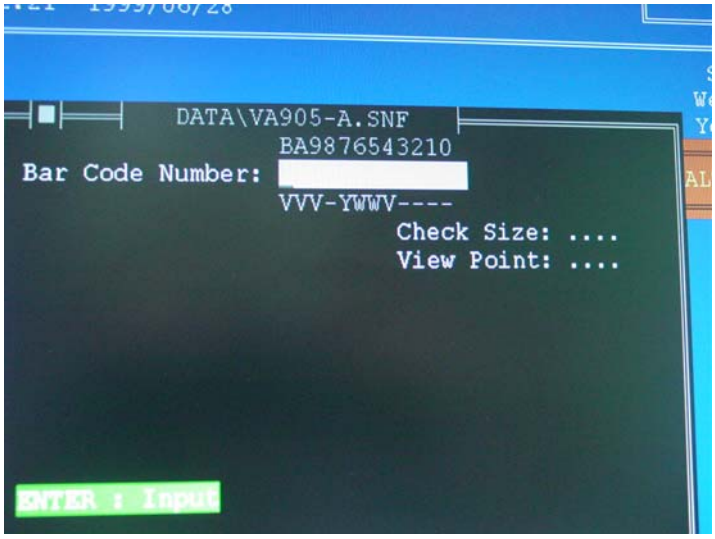
3.When appear the PIC “ choose DDC Card”, Press ALT+2 .Enter DDC 2B test interface.



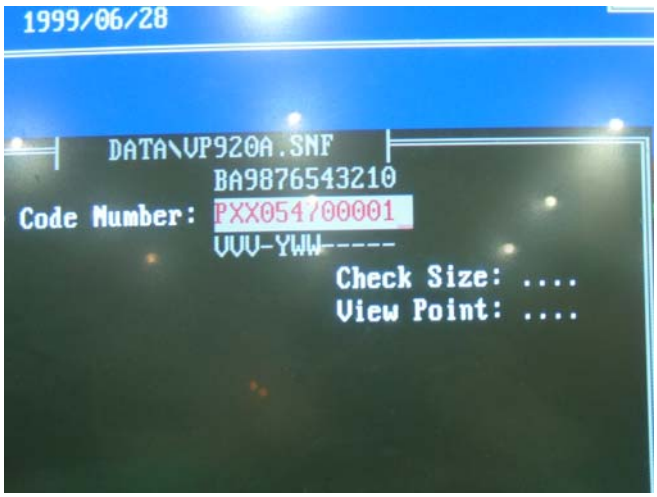
Choose DDC Card

4.Press F8 to choose corresponding model.DAT(VP930/B(3).DAT press“ENTER” key)
VP930_A means the DDC under analog mode. VP930/B(3) means the DDC under digital mode.

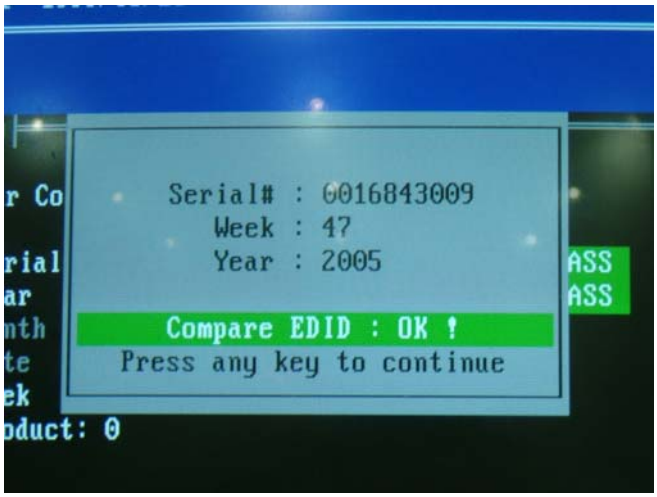
5.Press F9 enter the download interface



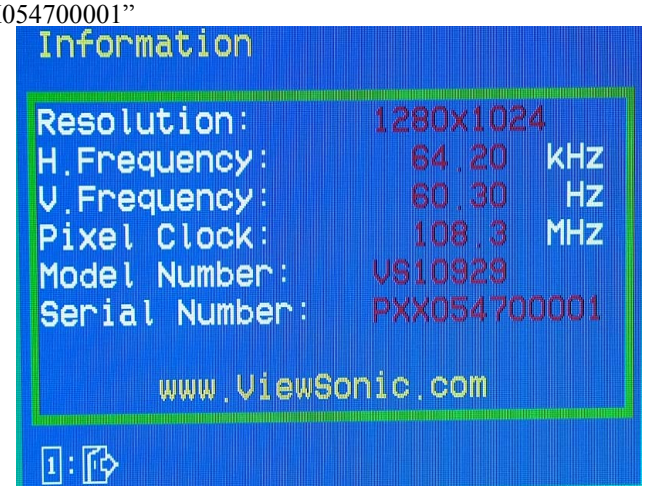
6.Key in the serial number or use the barcode reader to scan the barcode of the monitor, and press “ENTER” key, when analog DDC key in, please press [▲] + [2] first .



7.The successful picture is as follows. ”Compare EDID ：OK! Press any key to continue”.

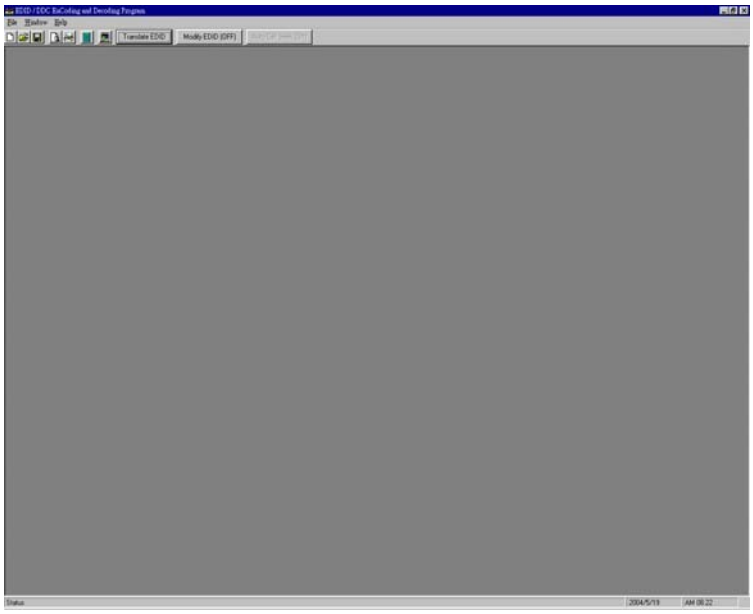


8.Let VP930/B(3) active, then see the information in OSD, it shows ”Serial NO : PXX054700001”

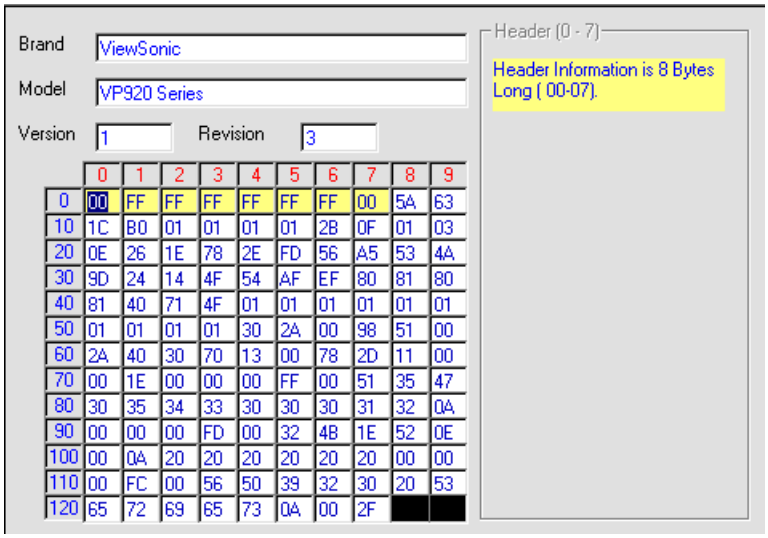


3.4 check method

Use ViewSonic EDID Editor



Connect the VP930/B(3) to PC with VGA Cable. Excute the EDID Editor, then Press Ctrl+F5. If the DDC is correct, you can see the information as follow:



	0	1	2	3	4	5	6	7	8	9
0	00	FF	FF	FF	FF	FF	FF	00	5A	63
10	1C	B0	01	01	01	01	2B	0F	01	03
20	0E	26	1E	78	2E	FD	56	A5	53	4A
30	9D	24	14	4F	54	AF	EF	80	81	80
40	81	40	71	4F	01	01	01	01	01	01
50	01	01	01	01	30	2A	00	98	51	00
60	2A	40	30	70	13	00	78	2D	11	00
70	00	1E	00	00	00	FF	00	51	35	47
80	30	35	34	33	30	30	30	31	32	0A
90	00	00	00	FD	00	32	4B	1E	52	0E
100	00	0A	20	20	20	20	20	20	00	00
110	00	FC	00	56	50	39	32	30	20	53
120	65	72	69	65	73	0A	00	2F		

7. Packing For Shipping And Disassembly Procedure

Packing For Shipping

1. Packing Procedure

1.1 Paste protection film to protect the monitor. (Figure 1)

1.2 Put the monitor in the PE bag and seal the bag with tape. (Figure 2)

Figure 1

Figure 2

1.3 Put the cushions on the monitor. (Figure 3)

1.4 Place the monitor into the carton and then put all the accessories into the carton. At last, close the carton and seal it with tape. (Figure 4)

Figure 3

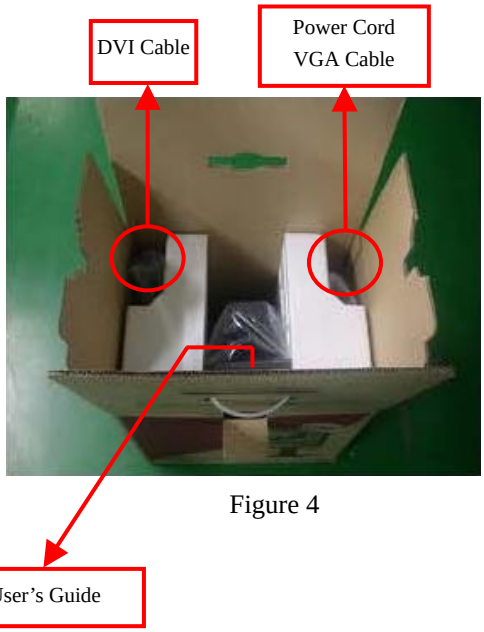
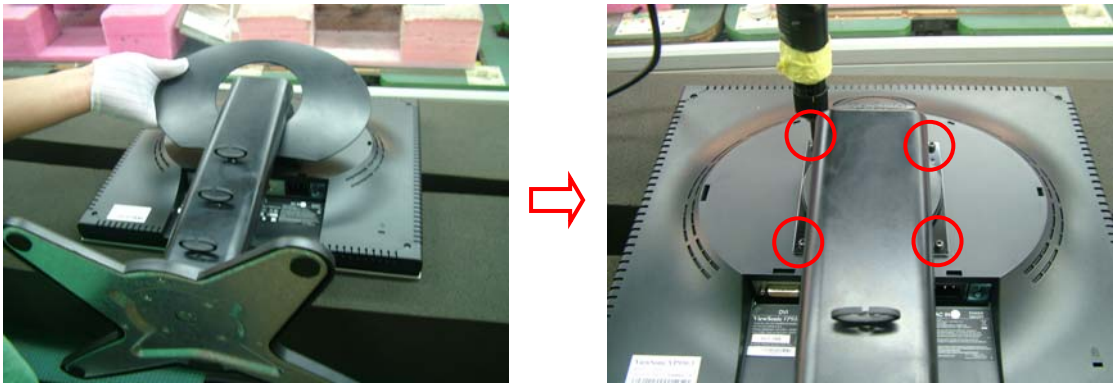


Figure 4

Disassembly Procedure

1. Disassembly of Stand unit from Monitor

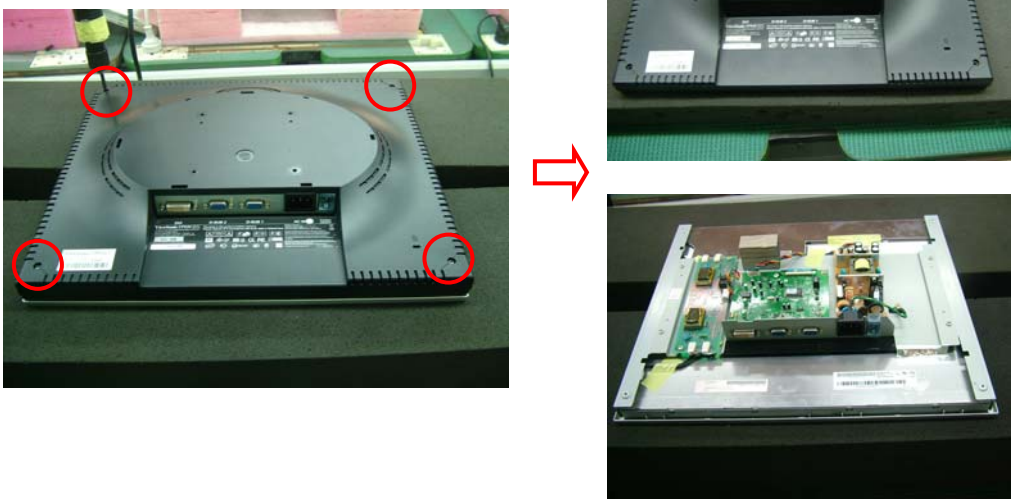
1.1 Unscrew four screws that secure Stand Unit.



Stand

2. Disassembly of Rear Cover .

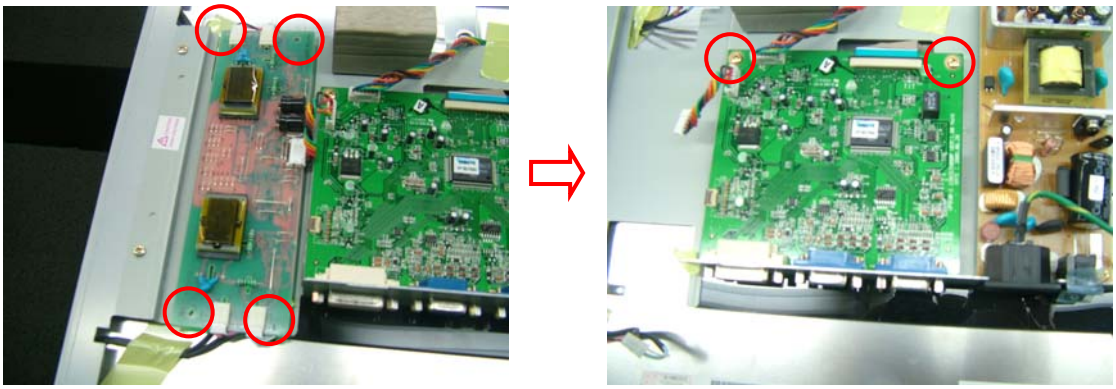
2.1 Unscrew 4 screws to detach Rear Cover from monitor.

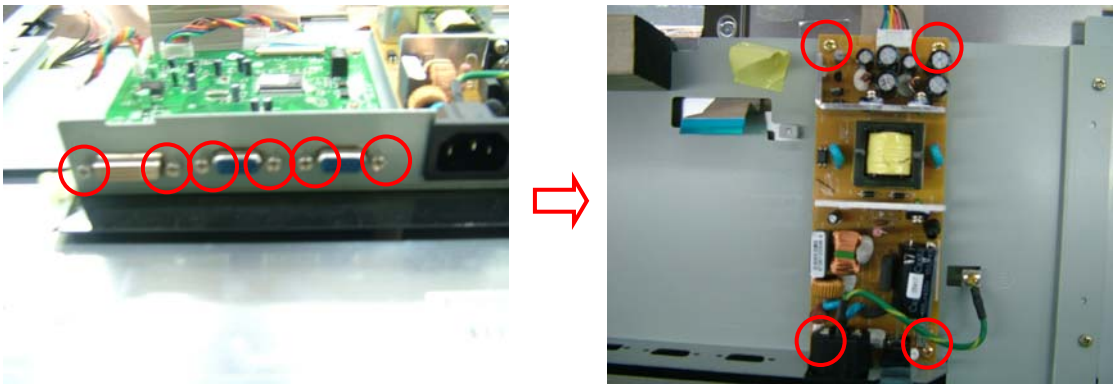


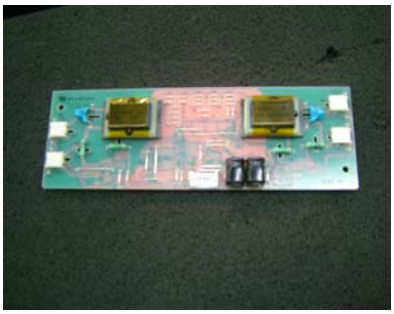
Cabi Back

3. Disassembly of Power Board,Main Board,Keypad Board ,Inverter Board and Panel Unit

3.1 Unscrew 16 screws and disconnect the wires to remove Inverter Board, Power Board, Main Board .

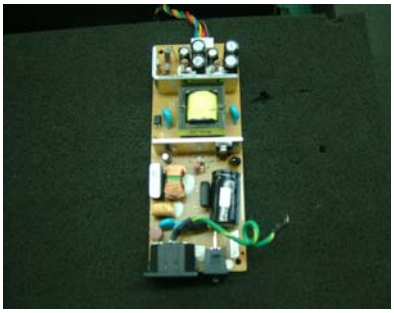




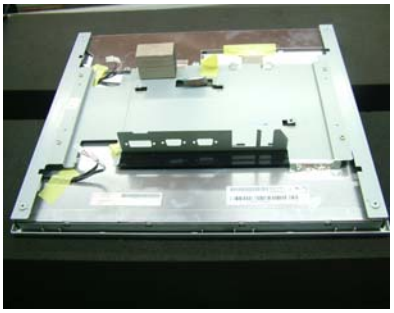


Inverter Board

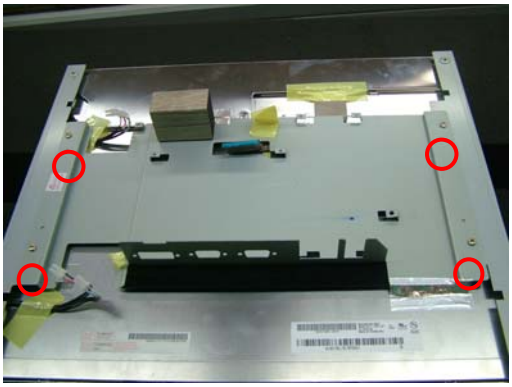
Main Board

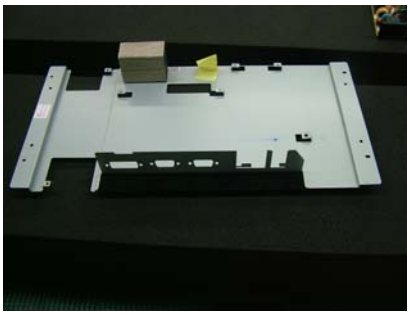


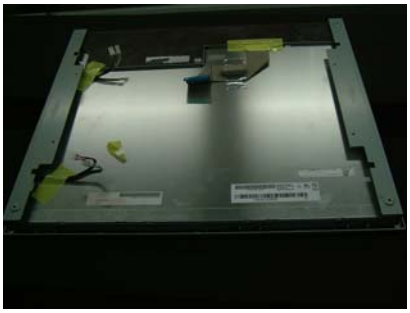
Power Board



3.2 Unscrew 4 screws to remove Metal FITTG.

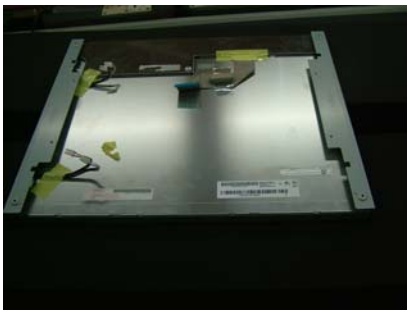


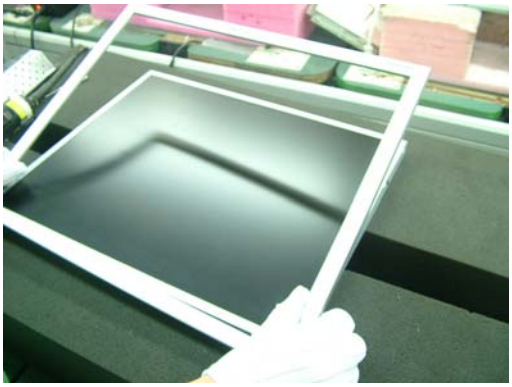




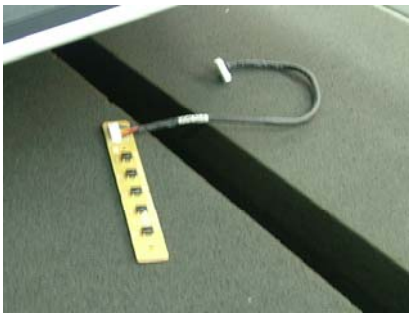
METAL,FITTG

3.3 Remove Front Bezel.



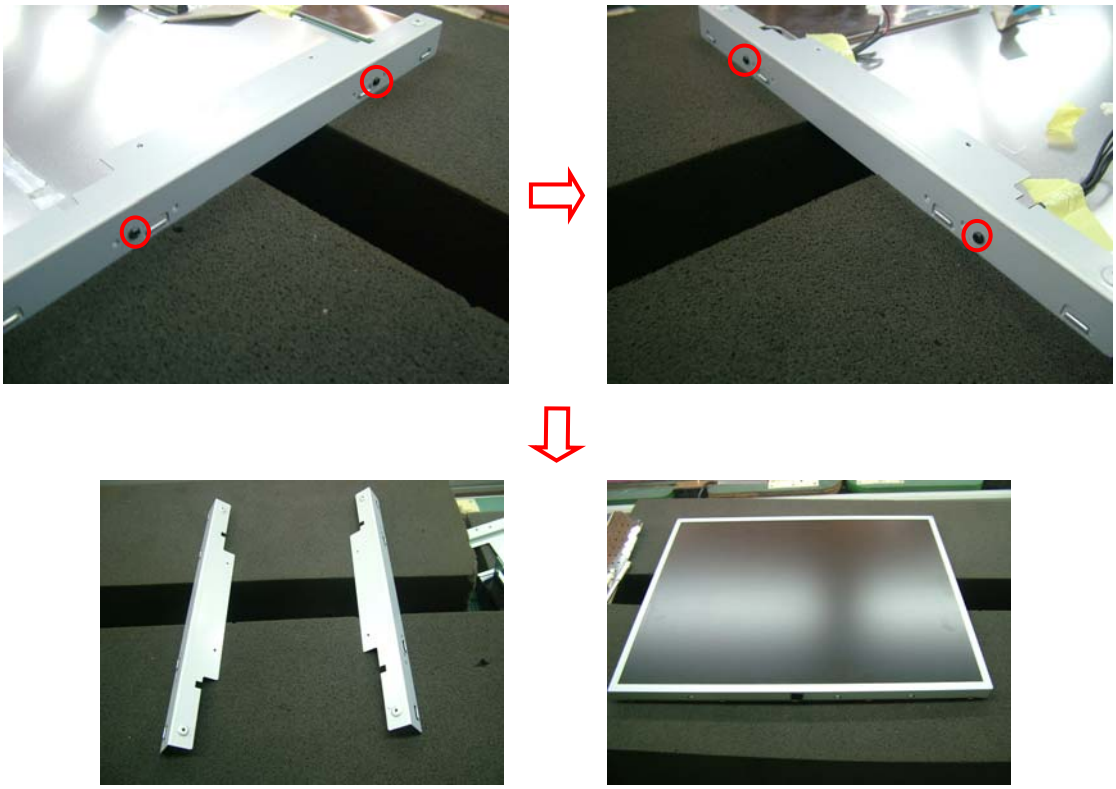


Front Bezel



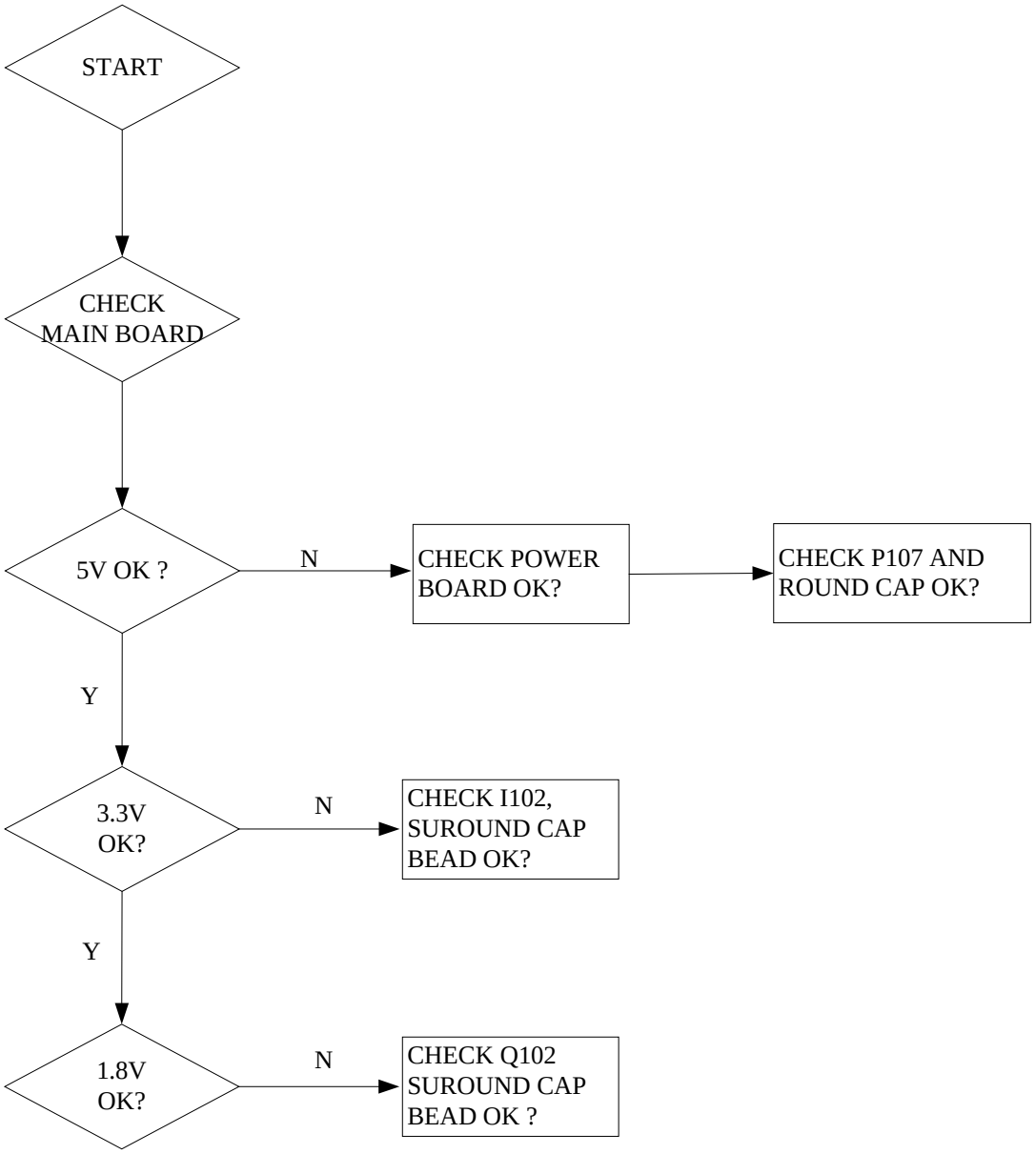
Key Board

3.2. Lay Panel Unit facedown and unscrew 4 screws on its right and left sides to remove Panel Unit.

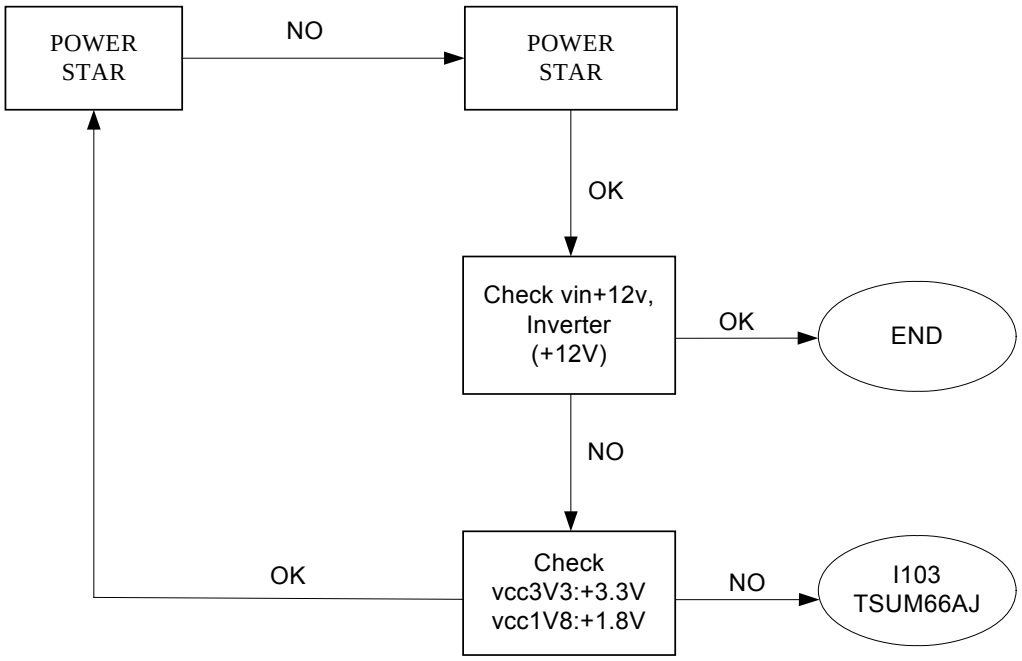


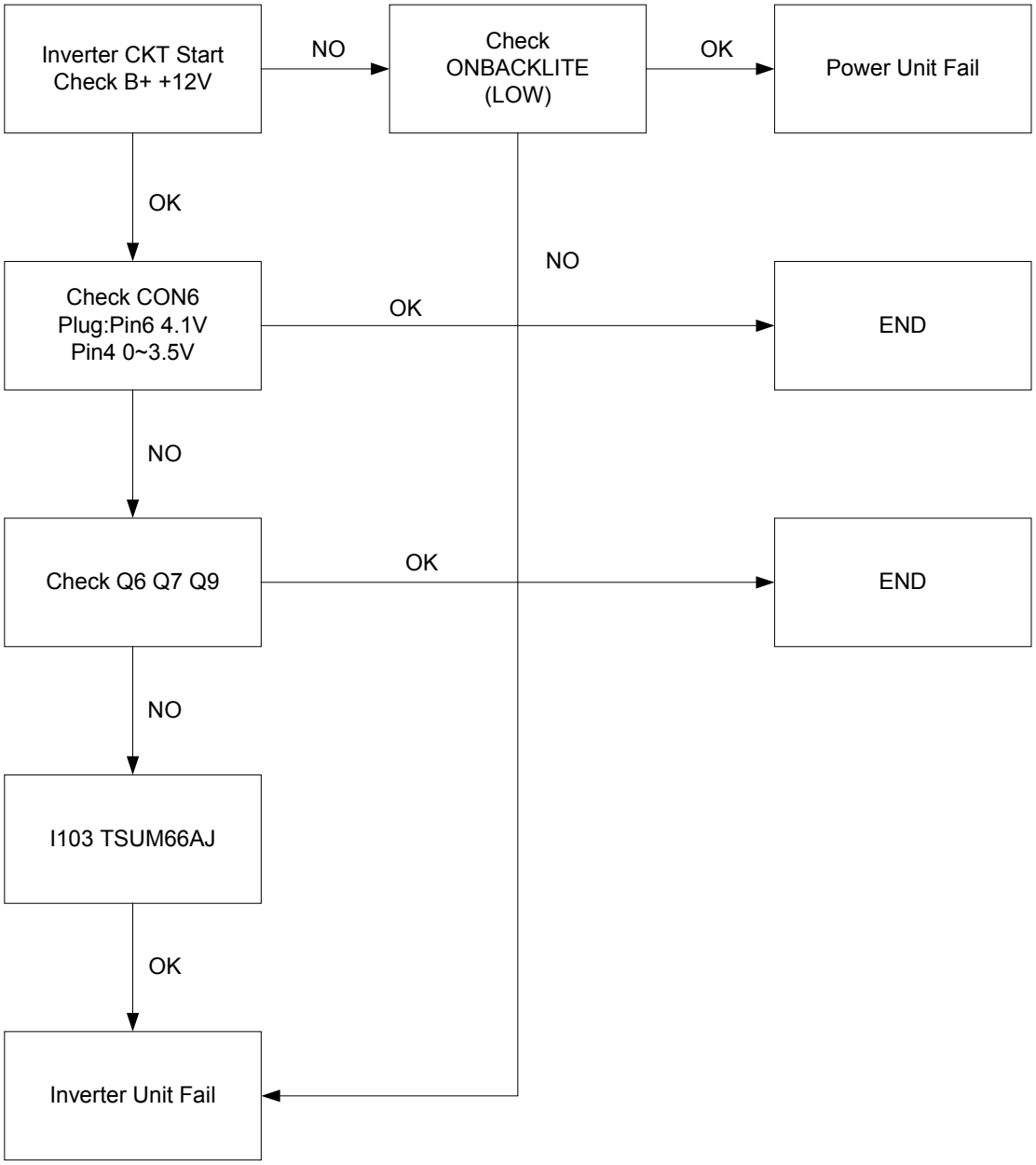
Panel Unit

6. Troubleshooting Flow Chart

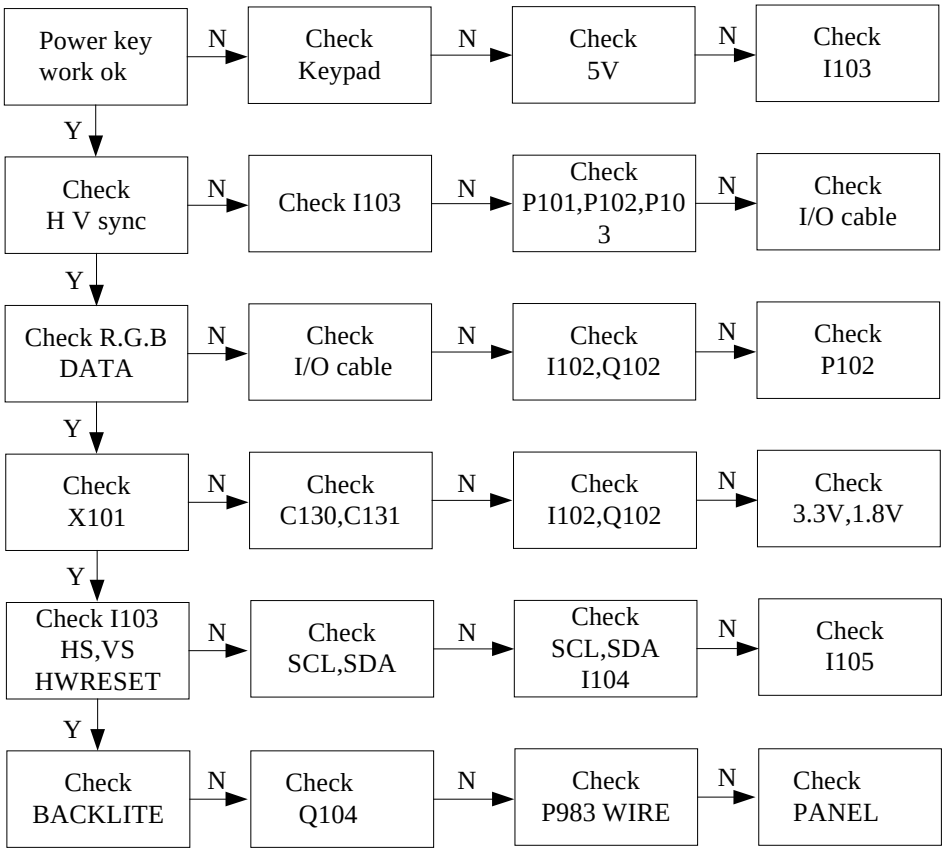


6.1. NO POWER

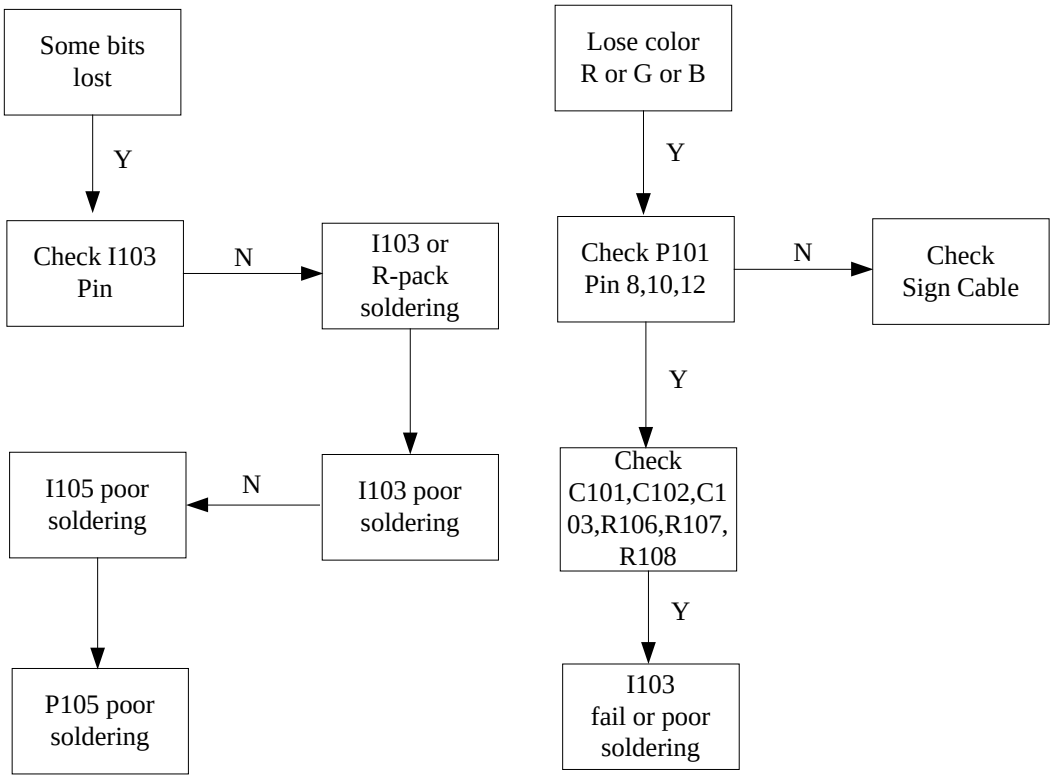

POWER
STAR
NO
POWER
STAR
OK
Check vin+12v,
Inverter
(+12V)
OK
END
NO
OK
Check
vcc3V3:+3.3V
vcc1V8:+1.8V
NO
I103
TSUM66AJ


Inverter CKT Start
Check B+ +12V
NO
Check
ONBACKLITE
(LOW)
OK
Power Unit Fail
OK
NO
Check CON6
Plug:Pin6 4.1V
Pin4 0~3.5V
OK
END
NO
Check Q6 Q7 Q9
OK
END
NO
I103 TSUM66AJ
OK
Inverter Unit Fail

6.2. NO DISPLAY



6.3. LOSE COLOR



7. Recommended Spare Parts List

RECOMMENDED SPARE PARTS LIST (VP930-3)

ViewSonic Model Number: VS10725
Rev: 1a
Serial No. Prefix:QCK

Item	Description		ECR/ECN	ViewSonic P/N	Ref. P/N	Location	Universal number#
1	**Accessories:**	AC POWER CORD GERMAN WALL 1.83M		A-00006133	2427130047P	P951	
2		I/O CABLE D15/D15 20276(3+6) 1.83M		A-VC-0101-0386	2427501187P	P961	
3	**PC Board Assembly:**	PC BOARD ASS'Y SMD		B-00005311	2200501400P	U801	
4		PCB ASS'Y BLOCK (MAIN)		B-00008018	6201-7998907131		
5		PCB ASS'Y BLOCK (CON)		B-00008019	6202-7998907131		
6		PC BOARD ASS'Y SMD		B-00008020	2200501500P	U801	
7	**Cabinets:**	BEZEL ASS'Y		C-00008031	2603307972		
8		CABI BACK ASSY		C-00008032	2603407675		
9	**Cables:**	I/O CABLE D15/D15 20276(5.8) 1.83M		CB-00005317	2427501196P	P961	
10		I/O CABLE (DVI) QCODS1641D8D-A 1.8M		CB-00005318	2427590004P	P971	
11		I/O CABLE DVI-D*2 20276(6.0) 1.83M		CB-00006182	2427501198P	P971	
12		FFC CABLE FFC 30P*1.0mm*L180mm (30P*1.0mm*L180mm)		CB-00008007	2420318302P	P980	
13		FFC CABLE FFC 8P*0.3mm*L165mm (8P*0.3mm*L165mm)		CB-00008008	2420390003P	P981	
14	**Documentation:**	GUARANT CARD (QSG)		DC-00005307	2002370009P	6P82	
15		CD-OWNER GUIDE CD-DRIVER DDSK		DC-00005309	2438570007P	6P81	
16		CD-OWNER GUIDE		DC-00008034	2438570025P	6P80	
17	**Electronic Components:**	LCD PANEL		E-00008011	2212090200P	V901	
18	**Packing Material:**	Generic Foam Set		P-00001347	30833		
19		Generic Box		P-00002515	20653		
20		CARTON BOX		P-00005321	2011091102P	6P01	
21		POLYFOAM		P-00005322	2012186700P	6P20	
22		POLYETHY BAG 160*140MM T=0.5MM LDPE		P-00008025	2013054023P	5B03	
23		POLYETHY BAG		P-00008026	2013054030P	6P60	
24		POLYETHY BAG		P-00008027	2013054031P	6P83	
25	**Plastics:**	STAND		PL-00005315	2028262002P	5B01	

Remark 1: Above listed items are examples, supplier can expand the rows to add more necessary items.
Remark 2: All revised RSPLs with newly added items or any change made should be highlighted and correlated with the ECN/ECR approved by ViewSonic Corporation. This is to eliminate repeated cross checks of each item between this version and prior versions.

RECOMMENDED SPARE PARTS LIST (VP930b-3)

ViewSonic Model Number: VS10725
Serial No. Pref QCL **Rev: 1a**

Item	Description		ECR/ECN	ViewSonic P/N	Ref. P/N	Location	Universal number#
1	**Accessories:**	AC POWER CORD 1.83M		A-00005362	2427130046P	P951	
2		I/O CABLE D15/D15 20276(3+6) 1.83M		A-VC-0101-0386	2427501187P	P961	
3	**PC Board**	PCB (INVERTER)		B-00008021	2200501300P	U901	
4	**Assembly:**	PCB Power Board		B-00005311	2200501400P	U801	
5		PCB Main Board		B-00008018	6201-7998907131		
6		PCB Control Board		B-00008019	6202-7998907131		
7	**Cabinets:**	BEZEL ASS'Y		C-00005324	2603307945		
8		CABI BACK ASSY		C-00005331	2603407672		
9		STAND		C-00008033	2028262001P	5B01	
10	**Cables:**	I/O CABLE D15/D15 20276(5.8) 1.83M		CB-00005317	2427501196P	P961	
11		I/O CABLE (DVI) QCODS1641D8D-A 1.8M		CB-00005318	2427590004P	P971	
12		I/O CABLE DVI-D*2 20276(6.0) 1.83M		CB-00006182	2427501198P	P971	
13	**Documentation:**	GUARANT CARD QSG		DC-00005307	2002370009P	6P82	
14		CD-OWNER GUIDE CD-DRIVER		DC-00005309	2438570007P	6P81	
15		CD-OWNER GUIDE		DC-00008034	2438570025P	6P80	
16	**Electronic Components:**	LCD PANEL		E-00008011	2212090200P	V901	
17	**Packing**	POLYFOAM		P-00005322	2012186700P	6P20	
18	**Material:**	Craft Box		P-00005325	2011091103P	6P01	
19		Generic Box		P-00002515	20653		
20		POLYETHY BAG		P-00008026	2013054030P	6P60	

Remark 1: Above listed items are examples, supplier can expand the rows to add more necessary items.
Remark 2: All revised RSPLs with newly added items or any change made should be highlighted and correlated with the ECN/ECR approved by ViewSonic Corporation. This is to eliminate repeated cross checks of each item between this version and prior versions.

BOM LIST (VP930-3)

ViewSonic Model Number: VS10725

Rev: 1a

Serial No. Prefix: QCK

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal number#	Q'ty
1	C-00005327	2024272902P	FRONT BEZEL GCABA2369T8F---- PS-7604B	1F01		1
2	N/A	2053756001P	LED INDIC.-PWR HDECP2012TSF VP930	1F02		1
3	N/A	2044269102P	FUNCTION KEY JKNBP2392T8F----PS-7604B	1F03		1
4	N/A	2051353800P	NAME PLATE VIEWSONIC BIRD LOGO H:8MM	1F04		1
5	N/A	2071979700P	METAL FITTG LANGF2227T8 VP930B	1F16		1
6	N/A	2071881300P	BRACKET,FIX LANGF2232T8 VP930B	1F17		2
7	N/A	2082630042P	SCREW M3*4 P=0.5	1F18		4
8	N/A	2082630042P	SCREW M3*4 P=0.5	1F19		7
9	N/A	2080006500P	SCREW,SPE XBMSB30P05000-- (M3*5) VP930B	1F20		4
10	N/A	2080006300P	SCREW,SPE LBOSM1069DB VP930B	1F22		6
11	N/A	2061456300P	BUSHING PCUSG1687T8 VP930B	1F23		3
12	N/A	2082640082P	SCREW M4*8MM P=0.5	1F24		1
13	N/A	2061456400P	BUSHING PCUSG1651T8---	1F25		2
14	N/A	2061456500P	BUSHING PISLS1177d8----	1F26		1
15	N/A	2072461300P	INSULATOR PISLV0262T8----	1F27		1
16	N/A	2072458300P	INSULATOR 12*10*1.5 94V0 ADHESIVE	1F28		1
17	N/A	2072461400P	INSULATOR 12*10*1.0 94V0 ADHESIVE	1F29		1
18	N/A	2081440082P	SCREW,(WASH) M4X8 P=0.7(TOOTH WASHER)	1F30		1
19	C-00005328	2022267502P	CABI BACK GCABB1883T8F---- BLK	2C01		1
20	C-00005326	2022267402P	CABI BACK GC0VD2626T8F---- BLK	2C02		1
21	N/A	2080006200P	SCREW,SPE XBMSB30P06000 VP930B	2C03		4
22	N/A	2071881200P	BRACKET,FIX LANGF206-3D8---B VP930B	2C04		1
23	N/A	2071881100P	BRACKET,FIX LANGF2194T8---A VP930	2C07		4
24	N/A	2061456100P	BUSHING PCUSG1647T8 VP930B	2C08		2
25	N/A	2061456200P	BUSHING PCUSG1674T8 VP930B	2C09		1
26	PL-00005315	2028262002P	STAND GSTN-27957T8K----BLK	5B01		1
27	N/A	2080006100P	SCREW,SPE XBPSB40P10JS0 (M4*10) VP930B	5B02		4
28	P-00008025	2013054023P	POLYETHY BAG 160*140MM T=0.5MM LDPE	5B03		2
29	P-00005321	2011091102P	CARTON BOX VP930-2 VS10725 TCO03	6P01		1
30	N/A	2055670082P	LABEL VP930-3 VS10725(E) AUO	6P02		1
31	N/A	2055613441P	LABEL VIEWSONIC 8ms STICKER 89X58mm	6P04		2
32	N/A	2055690045P	LABEL VP930-3 VS10725 SMALL LABEL	6P05		1
33	N/A	2055690013P	LABEL EnergyStar Sticker 11*11mm	6P06		1
34	M-LB-0813-0856	2055613379P	LABEL VIEWSONIC CONTAINER LABEL	6P11		0.071
35	N/A	2055690014P	LABEL VP930 H1-POT TLAB-5657T8	6P13		1
36	N/A	2055690015P	LABEL VP930 HIGHVOLTAGE TLABZ4916T8	6P14		1
37	P-00005322	2012186700P	POLYFOAM SPAKA6617T8F VP930B	6P20		1
38	N/A	2063302400P	PROTECTOR PISL-1351T8 VP930B	6P23		1
39	N/A	2055170060P	LABEL VP930-2 VS10725 TCO03	6P50		1
40	M-LB-0813-0002	2056603050P	SERIAL LABEL VIEWSONIC LCD SERIAL LABEL	6P51		1
41	M-LB-0813-0528	2055103400P	LABEL JK0936F WEN	6P52		1
42	P-00008026	2013054030P	POLYETHY BAG VP930 LCD BAG SSAKH1356D8-T-B	6P60		1
43	DC-00008034	2438570025P	CD-OWNER GUIDE VP930-3 SERIES VS10725 AUO0410	6P80		1
44	DC-00005309	2438570007P	CD-OWNER GUIDE VP930 CD-DRIVER DDSKC00628T8	6P81		1
45	DC-00005307	2002370009P	GUARANT CARD VP930 QSG TINSE3194T8	6P82		1
46	P-00008027	2013054031P	POLYETHY BAG VP930 UG BAG SSAKD0010-1-T	6P83		1
47	N/A	2346147396P	CAP,CHIP 125'C CS 0603/X7R/50V 0.047u K T	C101		1
48	N/A	2346147396P	CAP,CHIP 125'C CS 0603/X7R/50V 0.047u K T	C102		1
49	N/A	2346147396P	CAP,CHIP 125'C CS 0603/X7R/50V 0.047u K T	C103		1
50	N/A	2346110296P	CAP,CHIP 125'C CS 0603/X7R/50V 1000p K T	C104		1
51	N/A	2346147396P	CAP,CHIP 125'C CS 0603/X7R/50V 0.047u K T	C105		1
52	N/A	2346147396P	CAP,CHIP 125'C CS 0603/X7R/50V 0.047u K T	C106		1
53	N/A	2346147396P	CAP,CHIP 125'C CS 0603/X7R/50V 0.047u K T	C107		1
54	E-C-0404-4423	2341122096P	CAP,CHIP 125'C CS 0603/COG/50V 22p J T	C108		1
55	E-C-0404-4829	2341122196P	CAP,CHIP 125'C CS 0603/COG/50V 220p J T	C109		1
56	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C110		1
57	N/A	2346147396P	CAP,CHIP 125'C CS 0603/X7R/50V 0.047u K T	C111		1
58	N/A	2346147396P	CAP,CHIP 125'C CS 0603/X7R/50V 0.047u K T	C112		1
59	N/A	2346147396P	CAP,CHIP 125'C CS 0603/X7R/50V 0.047u K T	C113		1
60	N/A	2346110296P	CAP,CHIP 125'C CS 0603/X7R/50V 1000p K T	C114		1
61	N/A	2346147396P	CAP,CHIP 125'C CS 0603/X7R/50V 0.047u K T	C115		1
62	N/A	2346147396P	CAP,CHIP 125'C CS 0603/X7R/50V 0.047u K T	C116		1
63	N/A	2346147396P	CAP,CHIP 125'C CS 0603/X7R/50V 0.047u K T	C117		1
64	E-C-0404-4423	2341122096P	CAP,CHIP 125'C CS 0603/COG/50V 22p J T	C118		1
65	E-C-0404-4829	2341122196P	CAP,CHIP 125'C CS 0603/COG/50V 220p J T	C119		1
66	N/A	2336610513P	CAP,MINI ELE 105'C EC 1u/ 50V 4*7 P=2.5 T	C120		1
67	E-00000999	2336347613P	CAP,MINI ELE 105'C EC 47u/ 16V 5*7 P=2.5 T	C121		1
68	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C122		1
69	E-00000999	2336347613P	CAP,MINI ELE 105'C EC 47u/ 16V 5*7 P=2.5 T	C123		1
70	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C124		1
71	N/A	2336647513P	CAP,MINI ELE 105'C EC 4.7u/ 50V 4*7 P=2.5 T	C125		1

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal number#	Q'ty
72	N/A	2336610513P	CAP,MINI ELE 105'C EC 1u/ 50V 4*7 P=2.5 T	C126		1
73	E-00003865	2346710596P	CAP,CHIP 85'C CS 0603/Y5V/16V 1.0u Z T	C127		1
74	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C128		1
75	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C129		1
76	E-C-0404-4423	2341122096P	CAP,CHIP 125'C CS 0603/COG/50V 22p J T	C130		1
77	E-C-0404-4423	2341122096P	CAP,CHIP 125'C CS 0603/COG/50V 22p J T	C131		1
78	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C132		1
79	N/A	2336310613P	CAP,MINI ELE 105'C EC 10u/ 16V 4*7 P=2.5 T	C133		1
80	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C134		1
81	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C135		1
82	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C136		1
83	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C137		1
84	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C138		1
85	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C139		1
86	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C140		1
87	N/A	2336310613P	CAP,MINI ELE 105'C EC 10u/ 16V 4*7 P=2.5 T	C141		1
88	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C142		1
89	N/A	2336310613P	CAP,MINI ELE 105'C EC 10u/ 16V 4*7 P=2.5 T	C143		1
90	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C144		1
91	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C145		1
92	N/A	2336310613P	CAP,MINI ELE 105'C EC 10u/ 16V 4*7 P=2.5 T	C146		1
93	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C147		1
94	N/A	2336647513P	CAP,MINI ELE 105'C EC 4.7u/ 50V 4*7 P=2.5 T	C148		1
95	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C149		1
96	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C150		1
97	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C151		1
98	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C152		1
99	E-00000999	2336347613P	CAP,MINI ELE 105'C EC 47u/ 16V 5*7 P=2.5 T	C153		1
100	E-00000999	2336347613P	CAP,MINI ELE 105'C EC 47u/ 16V 5*7 P=2.5 T	C154		1
101	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C156		1
102	N/A	2336310613P	CAP,MINI ELE 105'C EC 10u/ 16V 4*7 P=2.5 T	C157		1
103	N/A	2336310713P	CAP,MINI ELE 105'C EC 100u/ 16V 6.3*7 P=2.5 T	C158		1
104	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C159		1
105	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C161		1
106	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C162		1
107	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C163		1
108	N/A	2346110296P	CAP,CHIP 125'C CS 0603/X7R/50V 1000p K T	C164		1
109	N/A	2346110296P	CAP,CHIP 125'C CS 0603/X7R/50V 1000p K T	C165		1
110	N/A	2346110296P	CAP,CHIP 125'C CS 0603/X7R/50V 1000p K T	C166		1
111	N/A	2346110296P	CAP,CHIP 125'C CS 0603/X7R/50V 1000p K T	C167		1
112	N/A	2346110296P	CAP,CHIP 125'C CS 0603/X7R/50V 1000p K T	C168		1
113	N/A	2346110296P	CAP,CHIP 125'C CS 0603/X7R/50V 1000p K T	C169		1
114	N/A	2346110296P	CAP,CHIP 125'C CS 0603/X7R/50V 1000p K T	C170		1
115	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C171		1
116	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C172		1
117	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C173		1
118	N/A	2364600496P	DIODE,SWITCH SMD MM4148 SOD-80 GRANDE	D101 RA		1
119	E-D-0403-1892	2364200896P	DIODE,RECT(SMD) BAS32L SOD80C PHILIPS	D101 RB		1
120	E-00003534	2363600696P	DIODE,SWITCH RLS4148-T11 SOD-80 ROHM	D101 RC		1
121	E-00003830	2364601396P	DIODE,SWITCH SMD 1N4148W-7-F SOD-123 DIODES	D101 RD		1
122	N/A	2364600496P	DIODE,SWITCH SMD MM4148 SOD-80 GRANDE	D102 RA		1
123	E-D-0403-1892	2364200896P	DIODE,RECT(SMD) BAS32L SOD80C PHILIPS	D102 RB		1
124	E-00003534	2363600696P	DIODE,SWITCH RLS4148-T11 SOD-80 ROHM	D102 RC		1
125	E-00003830	2364601396P	DIODE,SWITCH SMD 1N4148W-7-F SOD-123 DIODES	D102 RD		1
126	N/A	2364600496P	DIODE,SWITCH SMD MM4148 SOD-80 GRANDE	D103 RA		1
127	E-D-0403-1892	2364200896P	DIODE,RECT(SMD) BAS32L SOD80C PHILIPS	D103 RB		1
128	E-00003534	2363600696P	DIODE,SWITCH RLS4148-T11 SOD-80 ROHM	D103 RC		1
129	E-00003830	2364601396P	DIODE,SWITCH SMD 1N4148W-7-F SOD-123 DIODES	D103 RD		1
130	N/A	2364600496P	DIODE,SWITCH SMD MM4148 SOD-80 GRANDE	D104 RA		1
131	E-D-0403-1892	2364200896P	DIODE,RECT(SMD) BAS32L SOD80C PHILIPS	D104 RB		1
132	E-00003534	2363600696P	DIODE,SWITCH RLS4148-T11 SOD-80 ROHM	D104 RC		1
133	E-00003830	2364601396P	DIODE,SWITCH SMD 1N4148W-7-F SOD-123 DIODES	D104 RD		1
134	N/A	2364600496P	DIODE,SWITCH SMD MM4148 SOD-80 GRANDE	D105 RA		1
135	E-D-0403-1892	2364200896P	DIODE,RECT(SMD) BAS32L SOD80C PHILIPS	D105 RB		1
136	E-00003534	2363600696P	DIODE,SWITCH RLS4148-T11 SOD-80 ROHM	D105 RC		1
137	E-00003830	2364601396P	DIODE,SWITCH SMD 1N4148W-7-F SOD-123 DIODES	D105 RD		1
138	N/A	2364600496P	DIODE,SWITCH SMD MM4148 SOD-80 GRANDE	D106 RA		1
139	E-D-0403-1892	2364200896P	DIODE,RECT(SMD) BAS32L SOD80C PHILIPS	D106 RB		1
140	E-00003534	2363600696P	DIODE,SWITCH RLS4148-T11 SOD-80 ROHM	D106 RC		1
141	E-00003830	2364601396P	DIODE,SWITCH SMD 1N4148W-7-F SOD-123 DIODES	D106 RD		1
142	E-D-0403-1779	2364503996P	DIODE,ZENER SMD BZV55-C5V6 5% SOD-80C PHILIPS	D107 RA		1
143	E-D-0403-2808	2364505616P	DIODE,ZENER SMD TZMC5V6 SOD-80 5.2-6.0V VISHAY	D107 RB		1
144	N/A	2364505636P	DIODE,ZENER SMD BZV55-B5V6 2% SOD-80C PHILIPS	D107 RC		1
145	E-D-0403-1666	2364500396P	DIODE,ZENER SMD RLZ5.6B 5.45-5.73V LL-34 ROHM	D107 RD		1
146	E-D-0403-1779	2364503996P	DIODE,ZENER SMD BZV55-C5V6 5% SOD-80C PHILIPS	D108 RA		1
147	E-D-0403-2808	2364505616P	DIODE,ZENER SMD TZMC5V6 SOD-80 5.2-6.0V VISHAY	D108 RB		1

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal number#	Q'ty
148	N/A	2364505636P	DIODE,ZENER SMD BZV55-B5V6 2% SOD-80C PHILIPS	D108 RC		1
149	E-D-0403-1666	2364500396P	DIODE,ZENER SMD RLZ5.6B 5.45-5.73V LL-34 ROHM	D108 RD		1
150	E-D-0403-1779	2364503996P	DIODE,ZENER SMD BZV55-C5V6 5% SOD-80C PHILIPS	D109 RA		1
151	E-D-0403-2808	2364505616P	DIODE,ZENER SMD TZMC5V6 SOD-80 5.2-6.0V VISHAY	D109 RB		1
152	N/A	2364505636P	DIODE,ZENER SMD BZV55-B5V6 2% SOD-80C PHILIPS	D109 RC		1
153	E-D-0403-1666	2364500396P	DIODE,ZENER SMD RLZ5.6B 5.45-5.73V LL-34 ROHM	D109 RD		1
154	E-D-0403-1779	2364503996P	DIODE,ZENER SMD BZV55-C5V6 5% SOD-80C PHILIPS	D110 RA		1
155	E-D-0403-2808	2364505616P	DIODE,ZENER SMD TZMC5V6 SOD-80 5.2-6.0V VISHAY	D110 RB		1
156	N/A	2364505636P	DIODE,ZENER SMD BZV55-B5V6 2% SOD-80C PHILIPS	D110 RC		1
157	E-D-0403-1666	2364500396P	DIODE,ZENER SMD RLZ5.6B 5.45-5.73V LL-34 ROHM	D110 RD		1
158	E-D-0403-1779	2364503996P	DIODE,ZENER SMD BZV55-C5V6 5% SOD-80C PHILIPS	D111 RA		1
159	E-D-0403-2808	2364505616P	DIODE,ZENER SMD TZMC5V6 SOD-80 5.2-6.0V VISHAY	D111 RB		1
160	N/A	2364505636P	DIODE,ZENER SMD BZV55-B5V6 2% SOD-80C PHILIPS	D111 RC		1
161	E-D-0403-1666	2364500396P	DIODE,ZENER SMD RLZ5.6B 5.45-5.73V LL-34 ROHM	D111 RD		1
162	N/A	2364201296P	DIODE,RECT(SMD) BAT54C-F SOT-23 DIODES	D112 RA		1
163	N/A	2364201896P	DIODE,RECT(SMD) BAT54CPT SOT-23 CHENMKO	D112 RB		1
164	E-D-0403-1779	2364503996P	DIODE,ZENER SMD BZV55-C5V6 5% SOD-80C PHILIPS	D113 RA		1
165	E-D-0403-2808	2364505616P	DIODE,ZENER SMD TZMC5V6 SOD-80 5.2-6.0V VISHAY	D113 RB		1
166	N/A	2364505636P	DIODE,ZENER SMD BZV55-B5V6 2% SOD-80C PHILIPS	D113 RC		1
167	E-D-0403-1666	2364500396P	DIODE,ZENER SMD RLZ5.6B 5.45-5.73V LL-34 ROHM	D113 RD		1
168	E-D-0403-1779	2364503996P	DIODE,ZENER SMD BZV55-C5V6 5% SOD-80C PHILIPS	D114 RA		1
169	E-D-0403-2808	2364505616P	DIODE,ZENER SMD TZMC5V6 SOD-80 5.2-6.0V VISHAY	D114 RB		1
170	N/A	2364505636P	DIODE,ZENER SMD BZV55-B5V6 2% SOD-80C PHILIPS	D114 RC		1
171	E-D-0403-1666	2364500396P	DIODE,ZENER SMD RLZ5.6B 5.45-5.73V LL-34 ROHM	D114 RD		1
172	E-D-0403-1779	2364503996P	DIODE,ZENER SMD BZV55-C5V6 5% SOD-80C PHILIPS	D115 RA		1
173	E-D-0403-2808	2364505616P	DIODE,ZENER SMD TZMC5V6 SOD-80 5.2-6.0V VISHAY	D115 RB		1
174	N/A	2364505636P	DIODE,ZENER SMD BZV55-B5V6 2% SOD-80C PHILIPS	D115 RC		1
175	E-D-0403-1666	2364500396P	DIODE,ZENER SMD RLZ5.6B 5.45-5.73V LL-34 ROHM	D115 RD		1
176	N/A	2364600496P	DIODE,SWITCH SMD MM4148 SOD-80 GRANDE	D116 RA		1
177	E-D-0403-1892	2364200896P	DIODE,RECT(SMD) BAS32L SOD80C PHILIPS	D116 RB		1
178	E-00003534	2363600696P	DIODE,SWITCH RLS4148-T11 SOD-80 ROHM	D116 RC		1
179	E-00003830	2364601396P	DIODE,SWITCH SMD 1N4148W-7-F SOD-123 DIODES	D116 RD		1
180	N/A	2364600496P	DIODE,SWITCH SMD MM4148 SOD-80 GRANDE	D117 RA		1
181	E-D-0403-1892	2364200896P	DIODE,RECT(SMD) BAS32L SOD80C PHILIPS	D117 RB		1
182	E-00003534	2363600696P	DIODE,SWITCH RLS4148-T11 SOD-80 ROHM	D117 RC		1
183	E-00003830	2364601396P	DIODE,SWITCH SMD 1N4148W-7-F SOD-123 DIODES	D117 RD		1
184	N/A	2364600496P	DIODE,SWITCH SMD MM4148 SOD-80 GRANDE	D118 RA		1
185	E-D-0403-1892	2364200896P	DIODE,RECT(SMD) BAS32L SOD80C PHILIPS	D118 RB		1
186	E-00003534	2363600696P	DIODE,SWITCH RLS4148-T11 SOD-80 ROHM	D118 RC		1
187	E-00003830	2364601396P	DIODE,SWITCH SMD 1N4148W-7-F SOD-123 DIODES	D118 RD		1
188	N/A	2364600496P	DIODE,SWITCH SMD MM4148 SOD-80 GRANDE	D119 RA		1
189	E-D-0403-1892	2364200896P	DIODE,RECT(SMD) BAS32L SOD80C PHILIPS	D119 RB		1
190	E-00003534	2363600696P	DIODE,SWITCH RLS4148-T11 SOD-80 ROHM	D119 RC		1
191	E-00003830	2364601396P	DIODE,SWITCH SMD 1N4148W-7-F SOD-123 DIODES	D119 RD		1
192	N/A	2364600496P	DIODE,SWITCH SMD MM4148 SOD-80 GRANDE	D120 RA		1
193	E-D-0403-1892	2364200896P	DIODE,RECT(SMD) BAS32L SOD80C PHILIPS	D120 RB		1
194	E-00003534	2363600696P	DIODE,SWITCH RLS4148-T11 SOD-80 ROHM	D120 RC		1
195	E-00003830	2364601396P	DIODE,SWITCH SMD 1N4148W-7-F SOD-123 DIODES	D120 RD		1
196	N/A	2364600496P	DIODE,SWITCH SMD MM4148 SOD-80 GRANDE	D121 RA		1
197	E-D-0403-1892	2364200896P	DIODE,RECT(SMD) BAS32L SOD80C PHILIPS	D121 RB		1
198	E-00003534	2363600696P	DIODE,SWITCH RLS4148-T11 SOD-80 ROHM	D121 RC		1
199	E-00003830	2364601396P	DIODE,SWITCH SMD 1N4148W-7-F SOD-123 DIODES	D121 RD		1
200	E-D-0403-1779	2364503996P	DIODE,ZENER SMD BZV55-C5V6 5% SOD-80C PHILIPS	D122 RA		1
201	E-D-0403-2808	2364505616P	DIODE,ZENER SMD TZMC5V6 SOD-80 5.2-6.0V VISHAY	D122 RB		1
202	N/A	2364505636P	DIODE,ZENER SMD BZV55-B5V6 2% SOD-80C PHILIPS	D122 RC		1
203	E-D-0403-1666	2364500396P	DIODE,ZENER SMD RLZ5.6B 5.45-5.73V LL-34 ROHM	D122 RD		1
204	E-D-0403-1779	2364503996P	DIODE,ZENER SMD BZV55-C5V6 5% SOD-80C PHILIPS	D123 RA		1
205	E-D-0403-2808	2364505616P	DIODE,ZENER SMD TZMC5V6 SOD-80 5.2-6.0V VISHAY	D123 RB		1
206	N/A	2364505636P	DIODE,ZENER SMD BZV55-B5V6 2% SOD-80C PHILIPS	D123 RC		1
207	E-D-0403-1666	2364500396P	DIODE,ZENER SMD RLZ5.6B 5.45-5.73V LL-34 ROHM	D123 RD		1
208	E-D-0403-1779	2364503996P	DIODE,ZENER SMD BZV55-C5V6 5% SOD-80C PHILIPS	D124 RA		1
209	E-D-0403-2808	2364505616P	DIODE,ZENER SMD TZMC5V6 SOD-80 5.2-6.0V VISHAY	D124 RB		1
210	N/A	2364505636P	DIODE,ZENER SMD BZV55-B5V6 2% SOD-80C PHILIPS	D124 RC		1
211	E-D-0403-1666	2364500396P	DIODE,ZENER SMD RLZ5.6B 5.45-5.73V LL-34 ROHM	D124 RD		1
212	E-D-0403-1779	2364503996P	DIODE,ZENER SMD BZV55-C5V6 5% SOD-80C PHILIPS	D125 RA		1
213	E-D-0403-2808	2364505616P	DIODE,ZENER SMD TZMC5V6 SOD-80 5.2-6.0V VISHAY	D125 RB		1
214	N/A	2364505636P	DIODE,ZENER SMD BZV55-B5V6 2% SOD-80C PHILIPS	D125 RC		1
215	E-D-0403-1666	2364500396P	DIODE,ZENER SMD RLZ5.6B 5.45-5.73V LL-34 ROHM	D125 RD		1
216	E-D-0403-1779	2364503996P	DIODE,ZENER SMD BZV55-C5V6 5% SOD-80C PHILIPS	D126 RA		1
217	E-D-0403-2808	2364505616P	DIODE,ZENER SMD TZMC5V6 SOD-80 5.2-6.0V VISHAY	D126 RB		1
218	N/A	2364505636P	DIODE,ZENER SMD BZV55-B5V6 2% SOD-80C PHILIPS	D126 RC		1
219	E-D-0403-1666	2364500396P	DIODE,ZENER SMD RLZ5.6B 5.45-5.73V LL-34 ROHM	D126 RD		1
220	N/A	2364300896P	DIODE,SCHOTTKY(SMD) EP05Q04-TE8L 40V/0.4A IR	D127		1
221	N/A	2364300896P	DIODE,SCHOTTKY(SMD) EP05Q04-TE8L 40V/0.4A IR	D128		1
222	N/A	2364300896P	DIODE,SCHOTTKY(SMD) EP05Q04-TE8L 40V/0.4A IR	D130		1
223	E-D-0403-1779	2364503996P	DIODE,ZENER SMD BZV55-C5V6 5% SOD-80C PHILIPS	D131 RA		1

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal number#	Q'ty
224	E-D-0403-2808	2364505616P	DIODE,ZENER SMD TZMC5V6 SOD-80 5.2-6.0V VISHAY	D131 RB		1
225	N/A	2364505636P	DIODE,ZENER SMD BZV55-B5V6 2% SOD-80C PHILIPS	D131 RC		1
226	E-D-0403-1666	2364500396P	DIODE,ZENER SMD RLZ5.6B 5.45-5.73V LL-34 ROHM	D131 RD		1
227	N/A	2364600496P	DIODE,SWITCH SMD MM4148 SOD-80 GRANDE	D132 RA		1
228	E-D-0403-1892	2364200896P	DIODE,RECT(SMD) BAS32L SOD80C PHILIPS	D132 RB		1
229	E-00003534	2363600696P	DIODE,SWITCH RLS4148-T11 SOD-80 ROHM	D132 RC		1
230	E-00003830	2364601396P	DIODE,SWITCH SMD 1N4148W-7-F SOD-123 DIODES	D132 RD		1
231	N/A	2364600496P	DIODE,SWITCH SMD MM4148 SOD-80 GRANDE	D133 RA		1
232	E-D-0403-1892	2364200896P	DIODE,RECT(SMD) BAS32L SOD80C PHILIPS	D133 RB		1
233	E-00003534	2363600696P	DIODE,SWITCH RLS4148-T11 SOD-80 ROHM	D133 RC		1
234	E-00003830	2364601396P	DIODE,SWITCH SMD 1N4148W-7-F SOD-123 DIODES	D133 RD		1
235	N/A	2364600496P	DIODE,SWITCH SMD MM4148 SOD-80 GRANDE	D134 RA		1
236	E-D-0403-1892	2364200896P	DIODE,RECT(SMD) BAS32L SOD80C PHILIPS	D134 RB		1
237	E-00003534	2363600696P	DIODE,SWITCH RLS4148-T11 SOD-80 ROHM	D134 RC		1
238	E-00003830	2364601396P	DIODE,SWITCH SMD 1N4148W-7-F SOD-123 DIODES	D134 RD		1
239	E-D-0403-1779	2364503996P	DIODE,ZENER SMD BZV55-C5V6 5% SOD-80C PHILIPS	D135 RA		1
240	E-D-0403-2808	2364505616P	DIODE,ZENER SMD TZMC5V6 SOD-80 5.2-6.0V VISHAY	D135 RB		1
241	N/A	2364505636P	DIODE,ZENER SMD BZV55-B5V6 2% SOD-80C PHILIPS	D135 RC		1
242	E-D-0403-1666	2364500396P	DIODE,ZENER SMD RLZ5.6B 5.45-5.73V LL-34 ROHM	D135 RD		1
243	N/A	2364300896P	DIODE,SCHOTTKY(SMD) EP05Q04-TE8L 40V/0.4A IR	D139		1
244	N/A	2363705996P	LED SIA3227Y2G4MB YEL/GRN BRIGHTEK	D701		1
245	N/A	2365101096P	MEMORY IC 24LC21AT/SN SOIC8 MICROCHIP	I101		1
246	E-IC-0401-2123	2365807496P	IC,LINEAR(SMD) AIC1084-33PM TO-263 AIC	I102 RA		1
247	E-IC-0401-2745	2365810796P	IC,LINEAR(SMD) AP1084K33LA TO-263 ATC	I102 RB		1
248	N/A	2365809196P	IC,LINEAR(SMD) CM1084SCN263 SO-263 CHAMPION	I102 RC		1
249	N/A	2365425596P	DIGITAL IC TSUM66AJ PQFP-128 Mstar	I103		1
250	N/A	2365106596P	MEMORY IC (FLASH) PM25LV010-33SCE SOIC-8 PMC	I104 RA		1
251	N/A	2365106796P	MEMORY IC (FLASH) PS25LV010-33SCE SOIC-8 Mstar	I104 RB		1
252	E-IC-0401-2269	2365915896P	IC,DIGITAL SMD 24LC16BT/SN SO-8 MICROCHIP	I105 RA		1
253	N/A	2365100996P	MEMORY IC AT24C16AN-10SU-2.7 SO-8 AMTEL	I105 RB		1
254	N/A	2365106396P	MEMORY IC (EEPROM) M24C16-WMN6TP SO-8 ST	I105 RC		1
255	N/A	2365922496P	IC,DIGITAL SMD 74LVC14ADT SO-14 PHILIPS	I106 RA		1
256	N/A	2365921996P	IC,DIGITAL SMD SN74LVC14ADR SOIC-14 TI	I106 RB		1
257	N/A	2365335196P	LINEAR IC TS5A23157DGSR VSSOP-10 TI	I107		1
258	N/A	2433312131P	SHIELDING FOAM W12*H3*L13mm	K901		1
259	N/A	2433301010P	SHIELDING FOAM W10*H8*L10mm	K902		1
260	N/A	2434425070P	AL SHIELDING TAPE W25*L70mm (AL)	K903		1
261	N/A	2434425070P	AL SHIELDING TAPE W25*L70mm (AL)	K904		1
262	N/A	2434425070P	AL SHIELDING TAPE W25*L70mm (AL)	K905		1
263	N/A	2434425070P	AL SHIELDING TAPE W25*L70mm (AL)	K906		1
264	N/A	2434425040P	AL SHIELDING TAPE W25*L40mm (AL)	K907		1
265	N/A	2434425040P	AL SHIELDING TAPE W25*L40mm (AL)	K908		1
266	N/A	2434450160P	AL SHIELDING TAPE W50*L160mm (AL)	K915		1
267	M-MS-0808-6571	2433303010P	SHIELDING FOAM W10*H10.5*L10mm	K916		1
268	M-MS-0808-6571	2433303010P	SHIELDING FOAM W10*H10.5*L10mm	K917		1
269	M-MS-0808-6571	2433303010P	SHIELDING FOAM W10*H10.5*L10mm	K918		1
270	N/A	2434416030P	AL SHIELDING TAPE W16*L30mm (AL)	K919		1
271	E-R-0405-7003	2253275096P	RES CHIP 1/10W RC 0603 1/10W 75 ohm J T	L101		1
272	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	L102		1
273	E-R-0405-7003	2253275096P	RES CHIP 1/10W RC 0603 1/10W 75 ohm J T	L103		1
274	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	L104		1
275	N/A	2379820196P	BEAD,HI-IMPEDANCE Z= 200 ohm(200MHZ~) 0805 200mA	L105		1
276	N/A	2379820196P	BEAD,HI-IMPEDANCE Z= 200 ohm(200MHZ~) 0805 200mA	L106		1
277	N/A	2379820196P	BEAD,HI-IMPEDANCE Z= 200 ohm(200MHZ~) 0805 200mA	L107		1
278	N/A	2379820196P	BEAD,HI-IMPEDANCE Z= 200 ohm(200MHZ~) 0805 200mA	L108		1
279	N/A	2379820196P	BEAD,HI-IMPEDANCE Z= 200 ohm(200MHZ~) 0805 200mA	L109		1
280	N/A	2379820196P	BEAD,HI-IMPEDANCE Z= 200 ohm(200MHZ~) 0805 200mA	L110		1
281	N/A	2407430900P	SOCKET DHSB-15FTF7 BLUE(661C) LEOCO	P101		1
282	N/A	2404381101P	CONNECTOR 74320-4004 DVI-D MOLEX	P102 RA		1
283	N/A	2404381104P	CONNECTOR QH11121-FP0 DVI-D FOXCONN	P102 RB		1
284	N/A	2404381106P	CONNECTOR 2DS-0341-001 DVI-D S.E	P102 RC		1
285	N/A	2404381107P	CONNECTOR CUO72SAHDG DVI-D CVILUX	P102 RD		1
286	N/A	2407430900P	SOCKET DHSB-15FTF7 BLUE(661C) LEOCO	P103		1
287	N/A	2407630608P	SOCKET,SMD CF25081D0R0-05 0.5mm*8P CVILUX	P104 RA		1
288	N/A	2407630708P	SOCKET,SMD 0.5S-2X-8PWB 0.5mm*8P JINSHI	P104 RB		1
289	N/A	2404321230P	CONNECTOR CF10301D0T0 CVILUX	P105		1
290	N/A	2404371005P	CONNECTOR JST PH 6P TOP P=2.0 OR EQUAL	P106		1
291	N/A	2404371006P	CONNECTOR JST PH 7P TOP P=2.0 OR EQUAL	P107		1
292	N/A	2407630608P	SOCKET,SMD CF25081D0R0-05 0.5mm*8P CVILUX	P701 RA		1
293	N/A	2407630708P	SOCKET,SMD 0.5S-2X-8PWB 0.5mm*8P JINSHI	P701 RB		1
294	A-00006133	2427130047P	AC POWER CORD GERMAN WALL 1.83M BLACK	P951		1
295	A-VC-0101-0386	2427501187P	I/O CABLE D15/D15 20276(3+6) 1.83M BLACK	P961 RA		1
296	CB-00005317	2427501196P	I/O CABLE D15/D15 20276(5.8) 1.83M BLACK	P961 RB		1
297	CB-00006182	2427501198P	I/O CABLE DVI-D*2 20276(6.0) 1.83M BLACK	P971 RA		1
298	CB-00005318	2427590004P	I/O CABLE (DVI) QCODS1641D8D-A 1.8M BLK SAMPO	P971 RB		1
299	CB-00008007	2420318302P	FFC CABLE FFC 30P*1.0mm*L180mm	P980		1

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal number#	Q'ty
300	CB-00008008	2420390003P	FFC CABLE FFC 8P*0.3mm*L165mm	P981		1
301	N/A	2427490002P	WIRE HARNESS QCNWS0907T8021 (POWER) SAMPO	P982		1
302	N/A	2427490003P	WIRE HARNESS QCNWS0906T8038 INVERTER SAMPO	P983		1
303	E-Q-0402-1180	2360301296P	XISTOR,NPN R SMD MMBT3904-F SOT23 DIODES	Q101 RA		1
304	E-Q-0402-1608	2360300896P	XISTOR,NPN R SMD MMBT3904K SOT-23 FAIRCHILD	Q101 RB		1
305	E-Q-0402-1624	2360301696P	XISTOR,NPN R SMD PMBS3904 SOT-23 PHILIPS	Q101 RC		1
306	N/A	2360302296P	XISTOR,PNP R SMD MMBT2907A SOT-23 DIODES	Q102 RA		1
307	E-00003851	2360302496P	XISTOR,PNP R SMD MMBT2907ALT1G SOT-23 ON	Q102 RB		1
308	E-Q-0402-1180	2360301296P	XISTOR,NPN R SMD MMBT3904-F SOT23 DIODES	Q103 RA		1
309	E-Q-0402-1608	2360300896P	XISTOR,NPN R SMD MMBT3904K SOT-23 FAIRCHILD	Q103 RB		1
310	E-Q-0402-1624	2360301696P	XISTOR,NPN R SMD PMBS3904 SOT-23 PHILIPS	Q103 RC		1
311	N/A	2360501396P	FET,P-CH SMD AP2305GN SOT23 APEC	Q104 RA		1
312	N/A	2360502196P	FET,P-CH SMD STS2301 SOT-23 SamHop	Q104 RB		1
313	N/A	2360100896P	XISTOR,PNP R SMD MMBT3906LT1G SOT-23 ON	Q105 RA		1
314	N/A	2360100696P	XISTOR,PNP R SMD PMBS3906 SOT-23 PHILIPS	Q105 RB		1
315	E-Q-0402-1607	2360100796P	XISTOR,PNP R SMD MMBT3906-F SOT-23 DIODES	Q105 RC		1
316	E-Q-0402-1607	2360100596P	XISTOR,PNP R SMD MMBT3906-NL SOT23 FAIRCHILD	Q105 RD		1
317	N/A	2360100896P	XISTOR,PNP R SMD MMBT3906LT1G SOT-23 ON	Q106 RA		1
318	N/A	2360100696P	XISTOR,PNP R SMD PMBS3906 SOT-23 PHILIPS	Q106 RB		1
319	E-Q-0402-1607	2360100796P	XISTOR,PNP R SMD MMBT3906-F SOT-23 DIODES	Q106 RC		1
320	E-Q-0402-1607	2360100596P	XISTOR,PNP R SMD MMBT3906-NL SOT23 FAIRCHILD	Q106 RD		1
321	E-Q-0402-1180	2360301296P	XISTOR,NPN R SMD MMBT3904-F SOT23 DIODES	Q107 RA		1
322	E-Q-0402-1608	2360300896P	XISTOR,NPN R SMD MMBT3904K SOT-23 FAIRCHILD	Q107 RB		1
323	E-Q-0402-1624	2360301696P	XISTOR,NPN R SMD PMBS3904 SOT-23 PHILIPS	Q107 RC		1
324	E-Q-0402-1180	2360301296P	XISTOR,NPN R SMD MMBT3904-F SOT23 DIODES	Q108 RA		1
325	E-Q-0402-1608	2360300896P	XISTOR,NPN R SMD MMBT3904K SOT-23 FAIRCHILD	Q108 RB		1
326	E-Q-0402-1624	2360301696P	XISTOR,NPN R SMD PMBS3904 SOT-23 PHILIPS	Q108 RC		1
327	N/A	2251275096P	RES,CHIP 1/10 RC 0603 1/10W 75 ohm F T	R101		1
328	N/A	2251275096P	RES,CHIP 1/10 RC 0603 1/10W 75 ohm F T	R102		1
329	N/A	2251275096P	RES,CHIP 1/10 RC 0603 1/10W 75 ohm F T	R103		1
330	N/A	2253256096P	RES CHIP 1/10W RC 0603 1/10W 56 ohm J T	R104		1
331	N/A	2253256096P	RES CHIP 1/10W RC 0603 1/10W 56 ohm J T	R105		1
332	N/A	2253256096P	RES CHIP 1/10W RC 0603 1/10W 56 ohm J T	R106		1
333	E-R-0405-6418	2253247196P	RES CHIP 1/10W RC 0603 1/10W 470 ohm J T	R107		1
334	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R108		1
335	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R109		1
336	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R110		1
337	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R111		1
338	E-R-0405-6604	2253222296P	RES CHIP 1/10W RC 0603 1/10W 2.2Kohm J T	R112		1
339	E-R-0405-6604	2253222296P	RES CHIP 1/10W RC 0603 1/10W 2.2Kohm J T	R113		1
340	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R116		1
341	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R117		1
342	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R118		1
343	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R119		1
344	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R120		1
345	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R121		1
346	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R122		1
347	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R123		1
348	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R124		1
349	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R125		1
350	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R126		1
351	N/A	2251275096P	RES,CHIP 1/10 RC 0603 1/10W 75 ohm F T	R127		1
352	N/A	2251275096P	RES,CHIP 1/10 RC 0603 1/10W 75 ohm F T	R128		1
353	N/A	2251275096P	RES,CHIP 1/10 RC 0603 1/10W 75 ohm F T	R129		1
354	N/A	2253256096P	RES CHIP 1/10W RC 0603 1/10W 56 ohm J T	R130		1
355	N/A	2253256096P	RES CHIP 1/10W RC 0603 1/10W 56 ohm J T	R131		1
356	N/A	2253256096P	RES CHIP 1/10W RC 0603 1/10W 56 ohm J T	R132		1
357	E-R-0405-6418	2253247196P	RES CHIP 1/10W RC 0603 1/10W 470 ohm J T	R133		1
358	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R134		1
359	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R135		1
360	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R136		1
361	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R137		1
362	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R138		1
363	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R139		1
364	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R140		1
365	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R141		1
366	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R142		1
367	E-R-0405-6604	2253222296P	RES CHIP 1/10W RC 0603 1/10W 2.2Kohm J T	R143		1
368	E-R-0405-6604	2253222296P	RES CHIP 1/10W RC 0603 1/10W 2.2Kohm J T	R144		1
369	E-R-0405-6410	2253210296P	RES CHIP 1/10W RC 0603 1/10W 1.0Kohm J T	R147		1
370	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R148		1
371	E-R-0405-6410	2253210296P	RES CHIP 1/10W RC 0603 1/10W 1.0Kohm J T	R149		1
372	E-R-0405-6419	2253247296P	RES CHIP 1/10W RC 0603 1/10W 4.7Kohm J T	R151		1
373	E-R-0405-6410	2253210296P	RES CHIP 1/10W RC 0603 1/10W 1.0Kohm J T	R152		1
374	N/A	2253251096P	RES CHIP 1/10W RC 0603 1/10W 51 ohm J T	R153		1
375	E-R-0405-6413	2253220296P	RES CHIP 1/10W RC 0603 1/10W 2.0Kohm J T	R154		1

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal number#	Q'ty
376	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R155		1
377	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R156		1
378	E-R-0405-6419	2253247296P	RES CHIP 1/10W RC 0603 1/10W 4.7Kohm J T	R157		1
379	E-R-0405-7000	2253222196P	RES CHIP 1/10W RC 0603 1/10W 220 ohm J T	R158		1
380	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R159		1
381	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R160		1
382	N/A	2253239196P	RES CHIP 1/10W RC 0603 1/10W 390 ohm J T	R161		1
383	N/A	2253282296P	RES CHIP 1/10W RC 0603 1/10W 8.2Kohm J T	R162		1
384	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R165		1
385	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R166		1
386	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R167		1
387	E-R-0405-6419	2253247296P	RES CHIP 1/10W RC 0603 1/10W 4.7Kohm J T	R168		1
388	E-R-0405-6418	2253247196P	RES CHIP 1/10W RC 0603 1/10W 470 ohm J T	R169		1
389	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R170		1
390	E-R-0405-6419	2253247296P	RES CHIP 1/10W RC 0603 1/10W 4.7Kohm J T	R171		1
391	E-R-0405-6418	2253247196P	RES CHIP 1/10W RC 0603 1/10W 470 ohm J T	R172		1
392	E-R-0405-6416	2253233296P	RES CHIP 1/10W RC 0603 1/10W 3.3Kohm J T	R176		1
393	E-R-0405-6416	2253233296P	RES CHIP 1/10W RC 0603 1/10W 3.3Kohm J T	R177		1
394	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R178		1
395	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R179		1
396	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R180		1
397	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R181		1
398	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R182		1
399	E-R-0405-6999	2253220396P	RES CHIP 1/10W RC 0603 1/10W 20Kohm J T	R183		1
400	E-R-0405-6419	2253247296P	RES CHIP 1/10W RC 0603 1/10W 4.7Kohm J T	R184		1
401	E-R-0405-6600	2253200096P	RES CHIP 1/10W RC 0603 1/10W 0 ohm J T	R190		1
402	E-R-0405-6600	2253200096P	RES CHIP 1/10W RC 0603 1/10W 0 ohm J T	R192		1
403	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R193		1
404	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R194		1
405	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R195		1
406	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R196		1
407	E-R-0405-6600	2253200096P	RES CHIP 1/10W RC 0603 1/10W 0 ohm J T	R204		1
408	E-R-0405-6419	2253247296P	RES CHIP 1/10W RC 0603 1/10W 4.7Kohm J T	R209		1
409	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R211		1
410	E-R-0405-7000	2253222196P	RES CHIP 1/10W RC 0603 1/10W 220 ohm J T	R212		1
411	E-R-0405-6419	2253247296P	RES CHIP 1/10W RC 0603 1/10W 4.7Kohm J T	R213		1
412	N/A	2259210308P	RES,CHIP NETWORKS 8P4R 1/16W 10Kohm J P=0.8	RP01		1
413	E-R-0405-6608	2259210108P	RES,CHIP NETWORKS 8P4R 1/16W 100 ohm J P=0.8	RP02		1
414	N/A	2402000100P	ROLL BALL SWITCH RBS-311100 HUAI YANG	S101		1
415	N/A	2403702996P	TACT SWITCH TSKA-L H=0.8 HUA JIE or EUQAL	S702		1
416	N/A	2403702996P	TACT SWITCH TSKA-L H=0.8 HUA JIE or EUQAL	S703		1
417	N/A	2403702996P	TACT SWITCH TSKA-L H=0.8 HUA JIE or EUQAL	S704		1
418	N/A	2403702996P	TACT SWITCH TSKA-L H=0.8 HUA JIE or EUQAL	S705		1
419	N/A	2403702996P	TACT SWITCH TSKA-L H=0.8 HUA JIE or EUQAL	S706		1
420	N/A	2202525000P	PCB MULTILAYER VP930-2 M/B FR4*2 120*110	U101		1
421	N/A	2202525100P	PCB MULTILAYER VP930-2 K/B FR4*2 108*9	U701		1
422	B-00005311	2200501400P	PC BOARD ASS'Y SMD RUNTP5654T8 (POWER/B) SAMPO	U801 RA		1
423	B-00008020	2200501500P	PC BOARD ASS'Y SMD RUNTP5656T8 (POWER/B) SAMPO	U801 RB		1
424	N/A	2200501300P	PC BOARD ASS'Y SMD RUNTP5663T8 (INVERTER) SAMPO	U901 RA		1
425	B-00005310	2200501200P	PC BOARD ASS'Y SMD RUNTP5655T8 (INVERTER) SAMPO	U901 RB		1
426	E-00008011	2212090200P	LCD PANEL M190EG01-V0 AUO	V901		1
427	E-X-0415-0111	2369102901P	XTAL,OSC 14.31818MHZ/49US 0.1mW/30PF	X101		1

BOM LIST (VP930b-3)

ViewSonic Model Number: VS10725

Rev: 1a

Serial No. Prefix: QCL

Item	ViewSonic P/N	Ref. P/N	Description		Location	Universal number#	Q'ty
1	DC-00005307	2002370009P	GUARANT CARD	VP930 QSG TINSE3194T8	6P82		1
2	P-00005325	2011091103P	CARTON BOX	VP930B-2 VS10725 TCO03	6P01		1
3	P-00005322	2012186700P	POLYFOAM	SPAKA6617T8F VP930B	6P20		1
4	P-00008025	2013054023P	POLYETHY BAG	160*140MM T=0.5MM LDPE	5B03		2
5	P-00008026	2013054030P	POLYETHY BAG	VP930 LCD BAG SSAKH1356D8-T-B	6P60		1
6	P-00008027	2013054031P	POLYETHY BAG	VP930 UG BAG SSAKD0010-1-T	6P83		1
7	C-00005329	2022267401P	CABI BACK	GC0VD2626T8F...MGY	2C02		1
8	C-00005329	2022267501P	CABI BACK	GCABB1883T8F...MGY	2C01		1
9	N/A	2024272901P	FRONT BEZEL	GCABA2369T8F...MGY	1F01		1
10	C-00008033	2028262001P	STAND	GSTN-2957T8K...MGY	5B01		1
11	N/A	2044269101P	FUNCTION KEY	JKNBP2392T8F...MGY	1F03		1
12	N/A	2051353800P	NAME PLATE	VIEWSONIC BIRD LOGO H:8MM	1F04		1
13	N/A	2053756001P	LED INDIC.-PWR	HDECP2012TSF VP930	1F02		1
14	M-LB-0813-0528	2055103400P	LABEL	JK0936F WEN	6P52		1
15	N/A	2055170062P	LABEL	VP930B-2 VS10725 TCO03	6P50		1
16	M-LB-0813-0856	2055613379P	LABEL	VIEWSONIC CONTAINER LABEL	6P11		71
17	N/A	2055613441P	LABEL	VIEWSONIC 8ms STICKER 89X58mm	6P04		2
18	N/A	2055670083P	LABEL	VP930B-3 VS10725(M) AUO	6P02		1
19	N/A	2055690013P	LABEL	EnergyStar Sticker 11*11mm	6P06		1
20	N/A	2055690014P	LABEL	VP930 H1-POT TLAB-5657T8	6P13		1
21	N/A	2055690015P	LABEL	VP930 HIGHVOLTAGE TLABZ4916T8	6P14		1
22	N/A	2055690046P	LABEL	VP930B-3 VS10725 SMALL LABEL	6P05		1
23	M-LB-0813-0002	2056603050P	SERIAL LABEL	VIEWSONIC LCD SERIAL LABEL	6P51		1
24	N/A	2061456100P	BUSHING	PCUSG1647T8 VP930B	2C08		2
25	N/A	2061456200P	BUSHING	PCUSG1674T8 VP930B	2C09		1
26	N/A	2061456300P	BUSHING	PCUSG1687T8 VP930B	1F23		3
27	N/A	2061456400P	BUSHING	PCUSG1651T8---	1F25		2
28	N/A	2061456500P	BUSHING	PISLS1177d8----	1F26		1
29	N/A	2063302400P	PROTECTOR	PISL-1351T8 VP930B	6P23		1
30	N/A	2071881100P	BRACKET,FIX	LANGF2194T8---A VP930	2C07		4
31	N/A	2071881200P	BRACKET,FIX	LANGF206-3D8---B VP930B	2C04		1
32	N/A	2071881300P	BRACKET,FIX	LANGF2232T8 VP930B	1F17		2
33	N/A	2071979700P	METAL FITTG	LANGF2227T8 VP930B	1F16		1
34	N/A	2072458300P	INSULATOR	12*10*1.5 94V0 ADHESIVE	1F28		1
35	N/A	2072461300P	INSULATOR	PISLV0262T8----	1F27		1
36	N/A	2072461400P	INSULATOR	12*10*1.0 94V0 ADHESIVE	1F29		1
37	N/A	2080006100P	SCREW,SPE	XBPSB40P10JS0 (M4*10) VP930B	5B02		4
38	N/A	2080006200P	SCREW,SPE	XBMSB30P06000 VP930B	2C03		4
39	N/A	2080006300P	SCREW,SPE	LBOSM1069DB VP930B	1F22		6
40	N/A	2080006500P	SCREW,SPE	XBMSB30P05000-- (M3*5) VP930B	1F20		4
41	N/A	2081440082P	SCREW,(WASH)	M4X8 P=0.7(TOOTH WASHER)	1F30		1
42	N/A	2082630042P	SCREW	M3*4 P=0.5	1F18		4
43	N/A	2082630042P	SCREW	M3*4 P=0.5	1F19		7
44	N/A	2082640082P	SCREW	M4*8MM P=0.5	1F24		1
45	B-00005310	2200501200P	PC BOARD ASS'Y SMD	RUNTP5655T8 (INVERTER) SAMPO	U901 RB		1
46	B-00008021	2200501300P	PC BOARD ASS'Y SMD	RUNTP5663T8 (INVERTER) SAMPO	U901 RA		1
47	B-00005311	2200501400P	PC BOARD ASS'Y SMD	RUNTP5654T8 (POWER/B) SAMPO	U801 RA		1
48	B-00008020	2200501500P	PC BOARD ASS'Y SMD	RUNTP5656T8 (POWER/B) SAMPO	U801 RB		1
49	N/A	2202525000P	PCB MULTILAYER	VP930-2 M/B FR4*2 120*110	U101		1
50	N/A	2202525100P	PCB MULTILAYER	VP930-2 K/B FR4*2 108*9	U701		1
51	E-00008011	2212090200P	LCD PANEL	M190EG01-V0 AUO	V901		1
52	N/A	2251275096P	RES,CHIP 1/10	RC 0603 1/10W 75 ohm F T	R101		1
53	N/A	2251275096P	RES,CHIP 1/10	RC 0603 1/10W 75 ohm F T	R102		1
54	N/A	2251275096P	RES,CHIP 1/10	RC 0603 1/10W 75 ohm F T	R103		1
55	N/A	2251275096P	RES,CHIP 1/10	RC 0603 1/10W 75 ohm F T	R127		1
56	N/A	2251275096P	RES,CHIP 1/10	RC 0603 1/10W 75 ohm F T	R128		1
57	N/A	2251275096P	RES,CHIP 1/10	RC 0603 1/10W 75 ohm F T	R129		1
58	E-R-0405-6600	2253200096P	RES CHIP 1/10W	RC 0603 1/10W 0 ohm J T	R190		1
59	E-R-0405-6600	2253200096P	RES CHIP 1/10W	RC 0603 1/10W 0 ohm J T	R192		1
60	E-R-0405-6600	2253200096P	RES CHIP 1/10W	RC 0603 1/10W 0 ohm J T	R204		1
61	E-R-0405-6409	2253210196P	RES CHIP 1/10W	RC 0603 1/10W 100 ohm J T	L102		1

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal number#	Q'ty
62	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	L104		1
63	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R108		1
64	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R109		1
65	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R110		1
66	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R116		1
67	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R117		1
68	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R120		1
69	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R123		1
70	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R124		1
71	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R126		1
72	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R134		1
73	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R135		1
74	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R136		1
75	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R138		1
76	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R139		1
77	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R140		1
78	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R155		1
79	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R160		1
80	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R178		1
81	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R179		1
82	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R181		1
83	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R193		1
84	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R194		1
85	E-R-0405-6409	2253210196P	RES CHIP 1/10W RC 0603 1/10W 100 ohm J T	R195		1
86	E-R-0405-6410	2253210296P	RES CHIP 1/10W RC 0603 1/10W 1.0Kohm J T	R147		1
87	E-R-0405-6410	2253210296P	RES CHIP 1/10W RC 0603 1/10W 1.0Kohm J T	R149		1
88	E-R-0405-6410	2253210296P	RES CHIP 1/10W RC 0603 1/10W 1.0Kohm J T	R152		1
89	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R111		1
90	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R118		1
91	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R119		1
92	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R121		1
93	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R122		1
94	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R125		1
95	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R137		1
96	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R141		1
97	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R142		1
98	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R148		1
99	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R156		1
100	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R159		1
101	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R165		1
102	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R166		1
103	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R167		1
104	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R170		1
105	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R180		1
106	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R182		1
107	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R196		1
108	E-R-0405-6411	2253210396P	RES CHIP 1/10W RC 0603 1/10W 10Kohm J T	R211		1
109	E-R-0405-6413	2253220296P	RES CHIP 1/10W RC 0603 1/10W 2.0Kohm J T	R154		1
110	E-R-0405-6999	2253220396P	RES CHIP 1/10W RC 0603 1/10W 20Kohm J T	R183		1
111	E-R-0405-7000	2253222196P	RES CHIP 1/10W RC 0603 1/10W 220 ohm J T	R158		1
112	E-R-0405-7000	2253222196P	RES CHIP 1/10W RC 0603 1/10W 220 ohm J T	R212		1
113	E-R-0405-6604	2253222296P	RES CHIP 1/10W RC 0603 1/10W 2.2Kohm J T	R112		1
114	E-R-0405-6604	2253222296P	RES CHIP 1/10W RC 0603 1/10W 2.2Kohm J T	R113		1
115	E-R-0405-6604	2253222296P	RES CHIP 1/10W RC 0603 1/10W 2.2Kohm J T	R143		1
116	E-R-0405-6604	2253222296P	RES CHIP 1/10W RC 0603 1/10W 2.2Kohm J T	R144		1
117	E-R-0405-6416	2253233296P	RES CHIP 1/10W RC 0603 1/10W 3.3Kohm J T	R176		1
118	E-R-0405-6416	2253233296P	RES CHIP 1/10W RC 0603 1/10W 3.3Kohm J T	R177		1
119	N/A	2253239196P	RES CHIP 1/10W RC 0603 1/10W 390 ohm J T	R161		1
120	E-R-0405-6418	2253247196P	RES CHIP 1/10W RC 0603 1/10W 470 ohm J T	R107		1
121	E-R-0405-6418	2253247196P	RES CHIP 1/10W RC 0603 1/10W 470 ohm J T	R133		1
122	E-R-0405-6418	2253247196P	RES CHIP 1/10W RC 0603 1/10W 470 ohm J T	R169		1
123	E-R-0405-6418	2253247196P	RES CHIP 1/10W RC 0603 1/10W 470 ohm J T	R172		1
124	E-R-0405-6419	2253247296P	RES CHIP 1/10W RC 0603 1/10W 4.7Kohm J T	R151		1
125	E-R-0405-6419	2253247296P	RES CHIP 1/10W RC 0603 1/10W 4.7Kohm J T	R157		1
126	E-R-0405-6419	2253247296P	RES CHIP 1/10W RC 0603 1/10W 4.7Kohm J T	R168		1

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal number#	Q'ty
127	E-R-0405-6419	2253247296P	RES CHIP 1/10W RC 0603 1/10W 4.7Kohm J T	R171		1
128	E-R-0405-6419	2253247296P	RES CHIP 1/10W RC 0603 1/10W 4.7Kohm J T	R184		1
129	E-R-0405-6419	2253247296P	RES CHIP 1/10W RC 0603 1/10W 4.7Kohm J T	R209		1
130	N/A	2253251096P	RES CHIP 1/10W RC 0603 1/10W 51 ohm J T	R153		1
131	N/A	2253256096P	RES CHIP 1/10W RC 0603 1/10W 56 ohm J T	R104		1
132	N/A	2253256096P	RES CHIP 1/10W RC 0603 1/10W 56 ohm J T	R105		1
133	N/A	2253256096P	RES CHIP 1/10W RC 0603 1/10W 56 ohm J T	R106		1
134	N/A	2253256096P	RES CHIP 1/10W RC 0603 1/10W 56 ohm J T	R130		1
135	N/A	2253256096P	RES CHIP 1/10W RC 0603 1/10W 56 ohm J T	R131		1
136	N/A	2253256096P	RES CHIP 1/10W RC 0603 1/10W 56 ohm J T	R132		1
137	E-R-0405-7003	2253275096P	RES CHIP 1/10W RC 0603 1/10W 75 ohm J T	L101		1
138	E-R-0405-7003	2253275096P	RES CHIP 1/10W RC 0603 1/10W 75 ohm J T	L103		1
139	N/A	2253282296P	RES CHIP 1/10W RC 0603 1/10W 8.2Kohm J T	R162		1
140	E-R-0405-6608	2259210108P	RES,CHIP NETWORKS 8P4R 1/16W 100 ohm J P=0.8	RP02		1
141	N/A	2259210308P	RES,CHIP NETWORKS 8P4R 1/16W 10Kohm J P=0.8	RP01		1
142	E-C-0404-1424	2333610591P	CAP ELE 105'C EC 1u/ 50V 5*11 P=5.0 T	C120		1
143	N/A	2336310613P	CAP,MINI ELE 105'C EC 10u/ 16V 4*7 P=2.5 T	C133		1
144	N/A	2336310613P	CAP,MINI ELE 105'C EC 10u/ 16V 4*7 P=2.5 T	C141		1
145	N/A	2336310613P	CAP,MINI ELE 105'C EC 10u/ 16V 4*7 P=2.5 T	C143		1
146	N/A	2336310613P	CAP,MINI ELE 105'C EC 10u/ 16V 4*7 P=2.5 T	C146		1
147	N/A	2336310613P	CAP,MINI ELE 105'C EC 10u/ 16V 4*7 P=2.5 T	C157		1
148	N/A	2336310713P	CAP,MINI ELE 105'C EC 100u/ 16V 6.3*7 P=2.5 T	C158		1
149	E-00000999	2336347613P	CAP,MINI ELE 105'C EC 47u/ 16V 5*7 P=2.5 T	C121		1
150	E-00000999	2336347613P	CAP,MINI ELE 105'C EC 47u/ 16V 5*7 P=2.5 T	C123		1
151	E-00000999	2336347613P	CAP,MINI ELE 105'C EC 47u/ 16V 5*7 P=2.5 T	C153		1
152	E-00000999	2336347613P	CAP,MINI ELE 105'C EC 47u/ 16V 5*7 P=2.5 T	C154		1
153	N/A	2336610513P	CAP,MINI ELE 105'C EC 1u/ 50V 4*7 P=2.5 T	C126		1
154	N/A	2336647513P	CAP,MINI ELE 105'C EC 4.7u/ 50V 4*7 P=2.5 T	C125		1
155	N/A	2336647513P	CAP,MINI ELE 105'C EC 4.7u/ 50V 4*7 P=2.5 T	C148		1
156	E-C-0404-4423	2341122096P	CAP,CHIP 125'C CS 0603/COG/50V 22p J T	C108		1
157	E-C-0404-4423	2341122096P	CAP,CHIP 125'C CS 0603/COG/50V 22p J T	C118		1
158	E-C-0404-4423	2341122096P	CAP,CHIP 125'C CS 0603/COG/50V 22p J T	C130		1
159	E-C-0404-4423	2341122096P	CAP,CHIP 125'C CS 0603/COG/50V 22p J T	C131		1
160	E-C-0404-4829	2341122196P	CAP,CHIP 125'C CS 0603/COG/50V 220p J T	C109		1
161	E-C-0404-4829	2341122196P	CAP,CHIP 125'C CS 0603/COG/50V 220p J T	C119		1
162	N/A	2346110296P	CAP,CHIP 125'C CS 0603/X7R/50V 1000p K T	C104		1
163	N/A	2346110296P	CAP,CHIP 125'C CS 0603/X7R/50V 1000p K T	C114		1
164	N/A	2346110296P	CAP,CHIP 125'C CS 0603/X7R/50V 1000p K T	C164		1
165	N/A	2346110296P	CAP,CHIP 125'C CS 0603/X7R/50V 1000p K T	C165		1
166	N/A	2346110296P	CAP,CHIP 125'C CS 0603/X7R/50V 1000p K T	C166		1
167	N/A	2346110296P	CAP,CHIP 125'C CS 0603/X7R/50V 1000p K T	C167		1
168	N/A	2346110296P	CAP,CHIP 125'C CS 0603/X7R/50V 1000p K T	C168		1
169	N/A	2346110296P	CAP,CHIP 125'C CS 0603/X7R/50V 1000p K T	C169		1
170	N/A	2346110296P	CAP,CHIP 125'C CS 0603/X7R/50V 1000p K T	C170		1
171	N/A	2346147396P	CAP,CHIP 125'C CS 0603/X7R/50V 0.047u K T	C101		1
172	N/A	2346147396P	CAP,CHIP 125'C CS 0603/X7R/50V 0.047u K T	C102		1
173	N/A	2346147396P	CAP,CHIP 125'C CS 0603/X7R/50V 0.047u K T	C103		1
174	N/A	2346147396P	CAP,CHIP 125'C CS 0603/X7R/50V 0.047u K T	C105		1
175	N/A	2346147396P	CAP,CHIP 125'C CS 0603/X7R/50V 0.047u K T	C106		1
176	N/A	2346147396P	CAP,CHIP 125'C CS 0603/X7R/50V 0.047u K T	C107		1
177	N/A	2346147396P	CAP,CHIP 125'C CS 0603/X7R/50V 0.047u K T	C111		1
178	N/A	2346147396P	CAP,CHIP 125'C CS 0603/X7R/50V 0.047u K T	C112		1
179	N/A	2346147396P	CAP,CHIP 125'C CS 0603/X7R/50V 0.047u K T	C113		1
180	N/A	2346147396P	CAP,CHIP 125'C CS 0603/X7R/50V 0.047u K T	C115		1
181	N/A	2346147396P	CAP,CHIP 125'C CS 0603/X7R/50V 0.047u K T	C116		1
182	N/A	2346147396P	CAP,CHIP 125'C CS 0603/X7R/50V 0.047u K T	C117		1
183	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C110		1
184	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C122		1
185	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C124		1
186	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C128		1
187	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C129		1
188	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C132		1
189	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C134		1
190	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C135		1
191	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C136		1

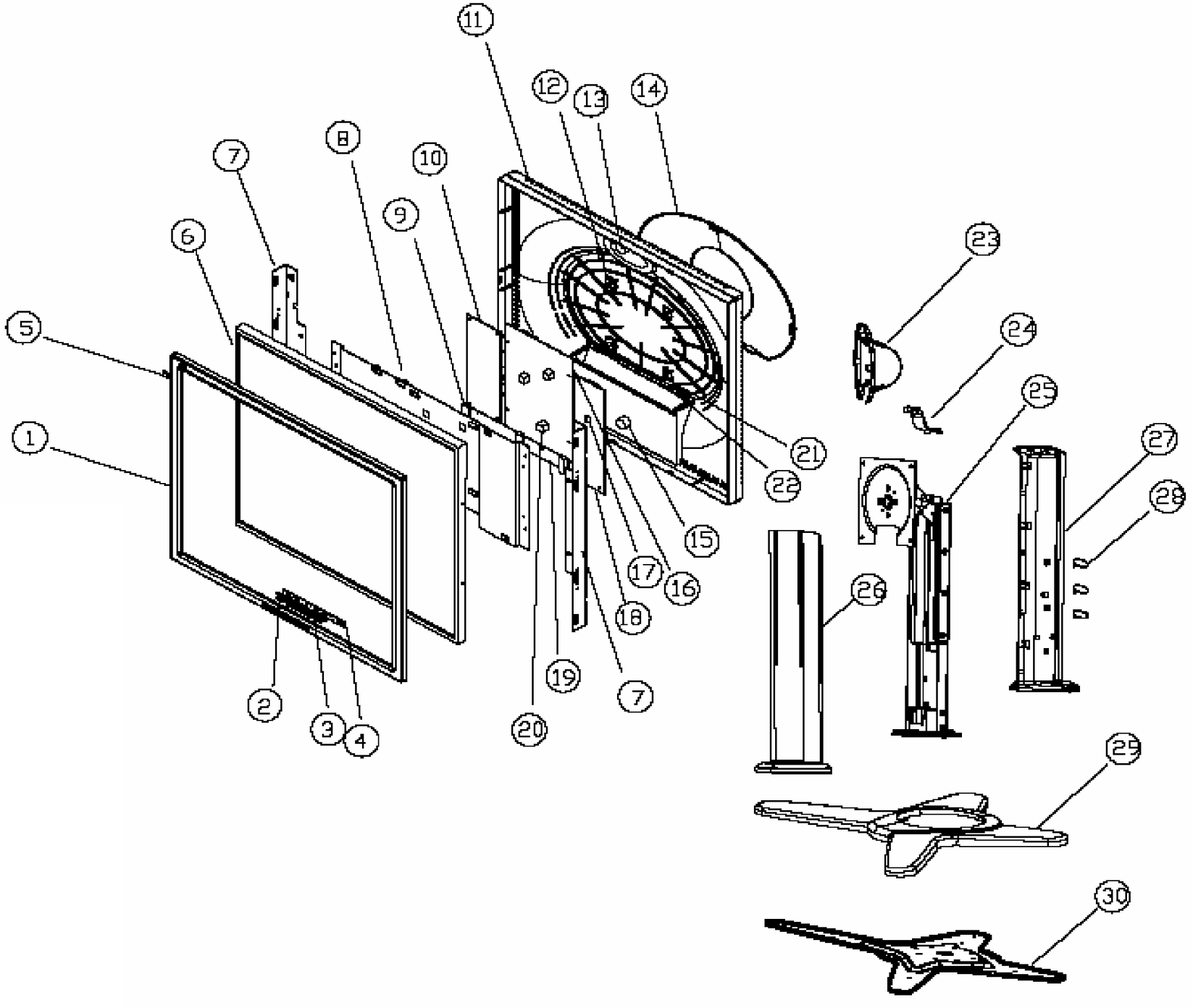
Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal number#	Q'ty
192	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C137		1
193	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C138		1
194	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C139		1
195	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C140		1
196	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C142		1
197	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C144		1
198	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C145		1
199	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C147		1
200	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C149		1
201	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C150		1
202	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C151		1
203	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C152		1
204	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C156		1
205	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C159		1
206	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C161		1
207	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C162		1
208	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C163		1
209	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C171		1
210	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C172		1
211	E-C-0404-3815	2346410496P	CAP,CHIP 85'C CS 0603/Y5V/50V 0.1u Z T	C173		1
212	E-00003865	2346710596P	CAP,CHIP 85'C CS 0603/Y5V/16V 1.0u Z T	C127		1
213	E-Q-0402-1607	2360100596P	XISTOR,PNP R SMD MMBT3906-NL SOT23 FAIRCHILD	Q105 RD		1
214	E-Q-0402-1607	2360100596P	XISTOR,PNP R SMD MMBT3906-NL SOT23 FAIRCHILD	Q106 RD		1
215	N/A	2360100696P	XISTOR,PNP R SMD PMBS3906 SOT-23 PHILIPS	Q105 RB		1
216	N/A	2360100696P	XISTOR,PNP R SMD PMBS3906 SOT-23 PHILIPS	Q106 RB		1
217	E-Q-0402-1607	2360100796P	XISTOR,PNP R SMD MMBT3906-F SOT-23 DIODES	Q105 RC		1
218	E-Q-0402-1607	2360100796P	XISTOR,PNP R SMD MMBT3906-F SOT-23 DIODES	Q106 RC		1
219	N/A	2360100896P	XISTOR,PNP R SMD MMBT3906LT1G SOT-23 ON	Q105 RA		1
220	N/A	2360100896P	XISTOR,PNP R SMD MMBT3906LT1G SOT-23 ON	Q106 RA		1
221	E-Q-0402-1608	2360300896P	XISTOR,NPN R SMD MMBT3904K SOT-23 FAIRCHILD	Q101 RB		1
222	E-Q-0402-1608	2360300896P	XISTOR,NPN R SMD MMBT3904K SOT-23 FAIRCHILD	Q103 RB		1
223	E-Q-0402-1608	2360300896P	XISTOR,NPN R SMD MMBT3904K SOT-23 FAIRCHILD	Q107 RB		1
224	E-Q-0402-1608	2360300896P	XISTOR,NPN R SMD MMBT3904K SOT-23 FAIRCHILD	Q108 RB		1
225	E-Q-0402-1180	2360301296P	XISTOR,NPN R SMD MMBT3904-F SOT23 DIODES	Q101 RA		1
226	E-Q-0402-1180	2360301296P	XISTOR,NPN R SMD MMBT3904-F SOT23 DIODES	Q103 RA		1
227	E-Q-0402-1180	2360301296P	XISTOR,NPN R SMD MMBT3904-F SOT23 DIODES	Q107 RA		1
228	E-Q-0402-1180	2360301296P	XISTOR,NPN R SMD MMBT3904-F SOT23 DIODES	Q108 RA		1
229	E-Q-0402-1624	2360301696P	XISTOR,NPN R SMD PMBS3904 SOT-23 PHILIPS	Q101 RC		1
230	E-Q-0402-1624	2360301696P	XISTOR,NPN R SMD PMBS3904 SOT-23 PHILIPS	Q103 RC		1
231	E-Q-0402-1624	2360301696P	XISTOR,NPN R SMD PMBS3904 SOT-23 PHILIPS	Q107 RC		1
232	E-Q-0402-1624	2360301696P	XISTOR,NPN R SMD PMBS3904 SOT-23 PHILIPS	Q108 RC		1
233	N/A	2360302296P	XISTOR,PNP R SMD MMBT2907A SOT-23 DIODES	Q102 RA		1
234	E-00003851	2360302496P	XISTOR,PNP R SMD MMBT2907ALT1G SOT-23 ON	Q102 RB		1
235	N/A	2360501396P	FET,P-CH SMD AP2305GN SOT23 APEC	Q104 RA		1
236	N/A	2360502196P	FET,P-CH SMD STS2301 SOT-23 SamHop	Q104 RB		1
237	E-00003534	2363600696P	DIODE,SWITCH RLS4148-T11 SOD-80 ROHM	D101 RC		1
238	E-00003534	2363600696P	DIODE,SWITCH RLS4148-T11 SOD-80 ROHM	D102 RC		1
239	E-00003534	2363600696P	DIODE,SWITCH RLS4148-T11 SOD-80 ROHM	D103 RC		1
240	E-00003534	2363600696P	DIODE,SWITCH RLS4148-T11 SOD-80 ROHM	D104 RC		1
241	E-00003534	2363600696P	DIODE,SWITCH RLS4148-T11 SOD-80 ROHM	D105 RC		1
242	E-00003534	2363600696P	DIODE,SWITCH RLS4148-T11 SOD-80 ROHM	D106 RC		1
243	E-00003534	2363600696P	DIODE,SWITCH RLS4148-T11 SOD-80 ROHM	D116 RC		1
244	E-00003534	2363600696P	DIODE,SWITCH RLS4148-T11 SOD-80 ROHM	D117 RC		1
245	E-00003534	2363600696P	DIODE,SWITCH RLS4148-T11 SOD-80 ROHM	D118 RC		1
246	E-00003534	2363600696P	DIODE,SWITCH RLS4148-T11 SOD-80 ROHM	D119 RC		1
247	E-00003534	2363600696P	DIODE,SWITCH RLS4148-T11 SOD-80 ROHM	D120 RC		1
248	E-00003534	2363600696P	DIODE,SWITCH RLS4148-T11 SOD-80 ROHM	D121 RC		1
249	E-00003534	2363600696P	DIODE,SWITCH RLS4148-T11 SOD-80 ROHM	D132 RC		1
250	E-00003534	2363600696P	DIODE,SWITCH RLS4148-T11 SOD-80 ROHM	D133 RC		1
251	E-00003534	2363600696P	DIODE,SWITCH RLS4148-T11 SOD-80 ROHM	D134 RC		1
252	N/A	2363705496P	LED SIA3227 ORG/GRN BRIGHTEK	D701		1
253	E-D-0403-1892	2364200896P	DIODE,RECT(SMD) BAS32L SOD80C PHILIPS	D101 RB		1
254	E-D-0403-1892	2364200896P	DIODE,RECT(SMD) BAS32L SOD80C PHILIPS	D102 RB		1
255	E-D-0403-1892	2364200896P	DIODE,RECT(SMD) BAS32L SOD80C PHILIPS	D103 RB		1
256	E-D-0403-1892	2364200896P	DIODE,RECT(SMD) BAS32L SOD80C PHILIPS	D104 RB		1

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal number#	Q'ty
257	E-D-0403-1892	2364200896P	DIODE,RECT(SMD) BAS32L SOD80C PHILIPS	D105 RB		1
258	E-D-0403-1892	2364200896P	DIODE,RECT(SMD) BAS32L SOD80C PHILIPS	D106 RB		1
259	E-D-0403-1892	2364200896P	DIODE,RECT(SMD) BAS32L SOD80C PHILIPS	D116 RB		1
260	E-D-0403-1892	2364200896P	DIODE,RECT(SMD) BAS32L SOD80C PHILIPS	D117 RB		1
261	E-D-0403-1892	2364200896P	DIODE,RECT(SMD) BAS32L SOD80C PHILIPS	D118 RB		1
262	E-D-0403-1892	2364200896P	DIODE,RECT(SMD) BAS32L SOD80C PHILIPS	D119 RB		1
263	E-D-0403-1892	2364200896P	DIODE,RECT(SMD) BAS32L SOD80C PHILIPS	D120 RB		1
264	E-D-0403-1892	2364200896P	DIODE,RECT(SMD) BAS32L SOD80C PHILIPS	D121 RB		1
265	E-D-0403-1892	2364200896P	DIODE,RECT(SMD) BAS32L SOD80C PHILIPS	D132 RB		1
266	E-D-0403-1892	2364200896P	DIODE,RECT(SMD) BAS32L SOD80C PHILIPS	D133 RB		1
267	E-D-0403-1892	2364200896P	DIODE,RECT(SMD) BAS32L SOD80C PHILIPS	D134 RB		1
268	N/A	2364201296P	DIODE,RECT(SMD) BAT54C-F SOT-23 DIODES	D112 RA		1
269	N/A	2364201896P	DIODE,RECT(SMD) BAT54CPT SOT-23 CHENMKO	D112 RB		1
270	N/A	2364300896P	DIODE,SCHOTTKY(SMD) EP05Q04-TE8L 40V/0.4A IR	D127		1
271	N/A	2364300896P	DIODE,SCHOTTKY(SMD) EP05Q04-TE8L 40V/0.4A IR	D128		1
272	N/A	2364300896P	DIODE,SCHOTTKY(SMD) EP05Q04-TE8L 40V/0.4A IR	D130		1
273	N/A	2364300896P	DIODE,SCHOTTKY(SMD) EP05Q04-TE8L 40V/0.4A IR	D139		1
274	E-D-0403-1666	2364500396P	DIODE,ZENER SMD RLZ5.6B 5.45-5.73V LL-34 ROHM	D107 RD		1
275	E-D-0403-1666	2364500396P	DIODE,ZENER SMD RLZ5.6B 5.45-5.73V LL-34 ROHM	D108 RD		1
276	E-D-0403-1666	2364500396P	DIODE,ZENER SMD RLZ5.6B 5.45-5.73V LL-34 ROHM	D109 RD		1
277	E-D-0403-1666	2364500396P	DIODE,ZENER SMD RLZ5.6B 5.45-5.73V LL-34 ROHM	D110 RD		1
278	E-D-0403-1666	2364500396P	DIODE,ZENER SMD RLZ5.6B 5.45-5.73V LL-34 ROHM	D111 RD		1
279	E-D-0403-1666	2364500396P	DIODE,ZENER SMD RLZ5.6B 5.45-5.73V LL-34 ROHM	D113 RD		1
280	E-D-0403-1666	2364500396P	DIODE,ZENER SMD RLZ5.6B 5.45-5.73V LL-34 ROHM	D114 RD		1
281	E-D-0403-1666	2364500396P	DIODE,ZENER SMD RLZ5.6B 5.45-5.73V LL-34 ROHM	D115 RD		1
282	E-D-0403-1666	2364500396P	DIODE,ZENER SMD RLZ5.6B 5.45-5.73V LL-34 ROHM	D122 RD		1
283	E-D-0403-1666	2364500396P	DIODE,ZENER SMD RLZ5.6B 5.45-5.73V LL-34 ROHM	D123 RD		1
284	E-D-0403-1666	2364500396P	DIODE,ZENER SMD RLZ5.6B 5.45-5.73V LL-34 ROHM	D124 RD		1
285	E-D-0403-1666	2364500396P	DIODE,ZENER SMD RLZ5.6B 5.45-5.73V LL-34 ROHM	D125 RD		1
286	E-D-0403-1666	2364500396P	DIODE,ZENER SMD RLZ5.6B 5.45-5.73V LL-34 ROHM	D126 RD		1
287	E-D-0403-1666	2364500396P	DIODE,ZENER SMD RLZ5.6B 5.45-5.73V LL-34 ROHM	D131 RD		1
288	E-D-0403-1666	2364500396P	DIODE,ZENER SMD RLZ5.6B 5.45-5.73V LL-34 ROHM	D135 RD		1
289	E-D-0403-1779	2364503996P	DIODE,ZENER SMD BZV55-C5V6 5% SOD-80C PHILIPS	D107 RA		1
290	E-D-0403-1779	2364503996P	DIODE,ZENER SMD BZV55-C5V6 5% SOD-80C PHILIPS	D108 RA		1
291	E-D-0403-1779	2364503996P	DIODE,ZENER SMD BZV55-C5V6 5% SOD-80C PHILIPS	D109 RA		1
292	E-D-0403-1779	2364503996P	DIODE,ZENER SMD BZV55-C5V6 5% SOD-80C PHILIPS	D110 RA		1
293	E-D-0403-1779	2364503996P	DIODE,ZENER SMD BZV55-C5V6 5% SOD-80C PHILIPS	D111 RA		1
294	E-D-0403-1779	2364503996P	DIODE,ZENER SMD BZV55-C5V6 5% SOD-80C PHILIPS	D113 RA		1
295	E-D-0403-1779	2364503996P	DIODE,ZENER SMD BZV55-C5V6 5% SOD-80C PHILIPS	D114 RA		1
296	E-D-0403-1779	2364503996P	DIODE,ZENER SMD BZV55-C5V6 5% SOD-80C PHILIPS	D115 RA		1
297	E-D-0403-1779	2364503996P	DIODE,ZENER SMD BZV55-C5V6 5% SOD-80C PHILIPS	D122 RA		1
298	E-D-0403-1779	2364503996P	DIODE,ZENER SMD BZV55-C5V6 5% SOD-80C PHILIPS	D123 RA		1
299	E-D-0403-1779	2364503996P	DIODE,ZENER SMD BZV55-C5V6 5% SOD-80C PHILIPS	D124 RA		1
300	E-D-0403-1779	2364503996P	DIODE,ZENER SMD BZV55-C5V6 5% SOD-80C PHILIPS	D125 RA		1
301	E-D-0403-1779	2364503996P	DIODE,ZENER SMD BZV55-C5V6 5% SOD-80C PHILIPS	D126 RA		1
302	E-D-0403-1779	2364503996P	DIODE,ZENER SMD BZV55-C5V6 5% SOD-80C PHILIPS	D131 RA		1
303	E-D-0403-1779	2364503996P	DIODE,ZENER SMD BZV55-C5V6 5% SOD-80C PHILIPS	D135 RA		1
304	E-D-0403-2808	2364505616P	DIODE,ZENER SMD TZMC5V6 SOD-80 5.2-6.0V VISHAY	D107 RB		1
305	E-D-0403-2808	2364505616P	DIODE,ZENER SMD TZMC5V6 SOD-80 5.2-6.0V VISHAY	D108 RB		1
306	E-D-0403-2808	2364505616P	DIODE,ZENER SMD TZMC5V6 SOD-80 5.2-6.0V VISHAY	D109 RB		1
307	E-D-0403-2808	2364505616P	DIODE,ZENER SMD TZMC5V6 SOD-80 5.2-6.0V VISHAY	D110 RB		1
308	E-D-0403-2808	2364505616P	DIODE,ZENER SMD TZMC5V6 SOD-80 5.2-6.0V VISHAY	D111 RB		1
309	E-D-0403-2808	2364505616P	DIODE,ZENER SMD TZMC5V6 SOD-80 5.2-6.0V VISHAY	D113 RB		1
310	E-D-0403-2808	2364505616P	DIODE,ZENER SMD TZMC5V6 SOD-80 5.2-6.0V VISHAY	D114 RB		1
311	E-D-0403-2808	2364505616P	DIODE,ZENER SMD TZMC5V6 SOD-80 5.2-6.0V VISHAY	D115 RB		1
312	E-D-0403-2808	2364505616P	DIODE,ZENER SMD TZMC5V6 SOD-80 5.2-6.0V VISHAY	D122 RB		1
313	E-D-0403-2808	2364505616P	DIODE,ZENER SMD TZMC5V6 SOD-80 5.2-6.0V VISHAY	D123 RB		1
314	E-D-0403-2808	2364505616P	DIODE,ZENER SMD TZMC5V6 SOD-80 5.2-6.0V VISHAY	D124 RB		1
315	E-D-0403-2808	2364505616P	DIODE,ZENER SMD TZMC5V6 SOD-80 5.2-6.0V VISHAY	D125 RB		1
316	E-D-0403-2808	2364505616P	DIODE,ZENER SMD TZMC5V6 SOD-80 5.2-6.0V VISHAY	D126 RB		1
317	E-D-0403-2808	2364505616P	DIODE,ZENER SMD TZMC5V6 SOD-80 5.2-6.0V VISHAY	D131 RB		1
318	E-D-0403-2808	2364505616P	DIODE,ZENER SMD TZMC5V6 SOD-80 5.2-6.0V VISHAY	D135 RB		1
319	N/A	2364505636P	DIODE,ZENER SMD BZV55-B5V6 2% SOD-80C PHILIPS	D107 RC		1
320	N/A	2364505636P	DIODE,ZENER SMD BZV55-B5V6 2% SOD-80C PHILIPS	D108 RC		1
321	N/A	2364505636P	DIODE,ZENER SMD BZV55-B5V6 2% SOD-80C PHILIPS	D109 RC		1

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal number#	Q'ty
322	N/A	2364505636P	DIODE,ZENER SMD BZV55-B5V6 2% SOD-80C PHILIPS	D110 RC		1
323	N/A	2364505636P	DIODE,ZENER SMD BZV55-B5V6 2% SOD-80C PHILIPS	D111 RC		1
324	N/A	2364505636P	DIODE,ZENER SMD BZV55-B5V6 2% SOD-80C PHILIPS	D113 RC		1
325	N/A	2364505636P	DIODE,ZENER SMD BZV55-B5V6 2% SOD-80C PHILIPS	D114 RC		1
326	N/A	2364505636P	DIODE,ZENER SMD BZV55-B5V6 2% SOD-80C PHILIPS	D115 RC		1
327	N/A	2364505636P	DIODE,ZENER SMD BZV55-B5V6 2% SOD-80C PHILIPS	D122 RC		1
328	N/A	2364505636P	DIODE,ZENER SMD BZV55-B5V6 2% SOD-80C PHILIPS	D123 RC		1
329	N/A	2364505636P	DIODE,ZENER SMD BZV55-B5V6 2% SOD-80C PHILIPS	D124 RC		1
330	N/A	2364505636P	DIODE,ZENER SMD BZV55-B5V6 2% SOD-80C PHILIPS	D125 RC		1
331	N/A	2364505636P	DIODE,ZENER SMD BZV55-B5V6 2% SOD-80C PHILIPS	D126 RC		1
332	N/A	2364505636P	DIODE,ZENER SMD BZV55-B5V6 2% SOD-80C PHILIPS	D131 RC		1
333	N/A	2364505636P	DIODE,ZENER SMD BZV55-B5V6 2% SOD-80C PHILIPS	D135 RC		1
334	N/A	2364600496P	DIODE,SWITCH SMD MM4148 SOD-80 GRANDE	D101 RA		1
335	N/A	2364600496P	DIODE,SWITCH SMD MM4148 SOD-80 GRANDE	D102 RA		1
336	N/A	2364600496P	DIODE,SWITCH SMD MM4148 SOD-80 GRANDE	D103 RA		1
337	N/A	2364600496P	DIODE,SWITCH SMD MM4148 SOD-80 GRANDE	D104 RA		1
338	N/A	2364600496P	DIODE,SWITCH SMD MM4148 SOD-80 GRANDE	D105 RA		1
339	N/A	2364600496P	DIODE,SWITCH SMD MM4148 SOD-80 GRANDE	D106 RA		1
340	N/A	2364600496P	DIODE,SWITCH SMD MM4148 SOD-80 GRANDE	D116 RA		1
341	N/A	2364600496P	DIODE,SWITCH SMD MM4148 SOD-80 GRANDE	D117 RA		1
342	N/A	2364600496P	DIODE,SWITCH SMD MM4148 SOD-80 GRANDE	D118 RA		1
343	N/A	2364600496P	DIODE,SWITCH SMD MM4148 SOD-80 GRANDE	D119 RA		1
344	N/A	2364600496P	DIODE,SWITCH SMD MM4148 SOD-80 GRANDE	D120 RA		1
345	N/A	2364600496P	DIODE,SWITCH SMD MM4148 SOD-80 GRANDE	D121 RA		1
346	N/A	2364600496P	DIODE,SWITCH SMD MM4148 SOD-80 GRANDE	D132 RA		1
347	N/A	2364600496P	DIODE,SWITCH SMD MM4148 SOD-80 GRANDE	D133 RA		1
348	N/A	2364600496P	DIODE,SWITCH SMD MM4148 SOD-80 GRANDE	D134 RA		1
349	E-00003830	2364601396P	DIODE,SWITCH SMD 1N4148W-7-F SOD-123 DIODES	D101 RD		1
350	E-00003830	2364601396P	DIODE,SWITCH SMD 1N4148W-7-F SOD-123 DIODES	D102 RD		1
351	E-00003830	2364601396P	DIODE,SWITCH SMD 1N4148W-7-F SOD-123 DIODES	D103 RD		1
352	E-00003830	2364601396P	DIODE,SWITCH SMD 1N4148W-7-F SOD-123 DIODES	D104 RD		1
353	E-00003830	2364601396P	DIODE,SWITCH SMD 1N4148W-7-F SOD-123 DIODES	D105 RD		1
354	E-00003830	2364601396P	DIODE,SWITCH SMD 1N4148W-7-F SOD-123 DIODES	D106 RD		1
355	E-00003830	2364601396P	DIODE,SWITCH SMD 1N4148W-7-F SOD-123 DIODES	D116 RD		1
356	E-00003830	2364601396P	DIODE,SWITCH SMD 1N4148W-7-F SOD-123 DIODES	D117 RD		1
357	E-00003830	2364601396P	DIODE,SWITCH SMD 1N4148W-7-F SOD-123 DIODES	D118 RD		1
358	E-00003830	2364601396P	DIODE,SWITCH SMD 1N4148W-7-F SOD-123 DIODES	D119 RD		1
359	E-00003830	2364601396P	DIODE,SWITCH SMD 1N4148W-7-F SOD-123 DIODES	D120 RD		1
360	E-00003830	2364601396P	DIODE,SWITCH SMD 1N4148W-7-F SOD-123 DIODES	D121 RD		1
361	E-00003830	2364601396P	DIODE,SWITCH SMD 1N4148W-7-F SOD-123 DIODES	D132 RD		1
362	E-00003830	2364601396P	DIODE,SWITCH SMD 1N4148W-7-F SOD-123 DIODES	D133 RD		1
363	E-00003830	2364601396P	DIODE,SWITCH SMD 1N4148W-7-F SOD-123 DIODES	D134 RD		1
364	N/A	2365100996P	MEMORY IC AT24C16AN-10SU-2.7 SO-8 AMTEL	I105 RB		1
365	N/A	2365101096P	MEMORY IC 24LC21AT/SN SOIC8 MICROCHIP	I101		1
366	N/A	2365106396P	MEMORY IC (EEPROM) M24C16-WMN6TP SO-8 ST	I105 RC		1
367	N/A	2365106596P	MEMORY IC (FLASH) PM25LV010-33SCE SOIC-8 PMC	I104		1
368	N/A	2365335196P	LINEAR IC TS5A23157DGSR VSSOP-10 TI	I107		1
369	N/A	2365425596P	DIGITAL IC TSUM66AJ PQFP-128 Mstar	I103		1
370	E-IC-0401-2123	2365807496P	IC,LINEAR(SMD) AIC1084-33PM TO-263 AIC	I102 RA		1
371	N/A	2365809196P	IC,LINEAR(SMD) CM1084SCN263 SO-263 CHAMPION	I102 RC		1
372	E-IC-0401-2745	2365810796P	IC,LINEAR(SMD) AP1084K33LA TO-263 ATC	I102 RB		1
373	E-IC-0401-2269	2365915896P	IC,DIGITAL SMD 24LC16BT/SN SO-8 MICROCHIP	I105 RA		1
374	N/A	2365921996P	IC,DIGITAL SMD SN74LVC14ADR SOIC-14 TI	I106 RB		1
375	N/A	2365922496P	IC,DIGITAL SMD 74LVC14ADT SO-14 PHILIPS	I106 RA		1
376	E-X-0415-0111	2369102901P	XTAL,OSC 14.31818MHZ/49US 0.1mW/30PF	X101		1
377	N/A	2379820196P	BEAD,HI-IMPEDANCE Z= 200 ohm(200MHZ~) 0805 200mA	L105		1
378	N/A	2379820196P	BEAD,HI-IMPEDANCE Z= 200 ohm(200MHZ~) 0805 200mA	L106		1
379	N/A	2379820196P	BEAD,HI-IMPEDANCE Z= 200 ohm(200MHZ~) 0805 200mA	L107		1
380	N/A	2379820196P	BEAD,HI-IMPEDANCE Z= 200 ohm(200MHZ~) 0805 200mA	L108		1
381	N/A	2379820196P	BEAD,HI-IMPEDANCE Z= 200 ohm(200MHZ~) 0805 200mA	L109		1
382	N/A	2379820196P	BEAD,HI-IMPEDANCE Z= 200 ohm(200MHZ~) 0805 200mA	L110		1
383	N/A	2402000100P	ROLL BALL SWITCH RBS-311100 HUAI YANG	S101		1
384	N/A	2403702996P	TACT SWITCH TSKA-L H=0.8 HUA JIE or EUQAL	S702		1
385	N/A	2403702996P	TACT SWITCH TSKA-L H=0.8 HUA JIE or EUQAL	S703		1
386	N/A	2403702996P	TACT SWITCH TSKA-L H=0.8 HUA JIE or EUQAL	S704		1

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal number#	Q'ty
387	N/A	2403702996P	TACT SWITCH TSKA-L H=0.8 HUA JIE or EUQAL	S705		1
388	N/A	2403702996P	TACT SWITCH TSKA-L H=0.8 HUA JIE or EUQAL	S706		1
389	N/A	2404321230P	CONNECTOR CF10301D0T0 CVILUX	P105		1
390	N/A	2404371005P	CONNECTOR JST PH 6P TOP P=2.0 OR EQUAL	P106		1
391	N/A	2404371006P	CONNECTOR JST PH 7P TOP P=2.0 OR EQUAL	P107		1
392	N/A	2404381101P	CONNECTOR 74320-4004 DVI-D MOLEX	P102 RA		1
393	N/A	2404381104P	CONNECTOR QH11121-FP0 DVI-D FOXCONN	P102 RB		1
394	N/A	2404381106P	CONNECTOR 2DS-0341-001 DVI-D S.E	P102 RC		1
395	N/A	2404381107P	CONNECTOR CUO72SAHDG DVI-D CVILUX	P102 RD		1
396	N/A	2407430900P	SOCKET DHSB-15FTF7 BLUE(661C) LEOCO	P101		1
397	N/A	2407430900P	SOCKET DHSB-15FTF7 BLUE(661C) LEOCO	P103		1
398	N/A	2407630608P	SOCKET,SMD CF25081D0R0-05 0.5mm*8P CVILUX	P104 RA		1
399	N/A	2407630608P	SOCKET,SMD CF25081D0R0-05 0.5mm*8P CVILUX	P701 RA		1
400	N/A	2407630708P	SOCKET,SMD 0.5S-2X-8PWB 0.5mm*8P JINSHI	P104 RB		1
401	N/A	2407630708P	SOCKET,SMD 0.5S-2X-8PWB 0.5mm*8P JINSHI	P701 RB		1
402	CB-00008007	2420318302P	FFC CABLE FFC 30P*1.0mm*L180mm	P980		1
403	N/A	2420390002P	FFC CABLE FFC 8P*0.3mmY*L165mm	P981		1
404	A-00005362	2427130046P	AC POWER CORD USA WALL 1.83M BLACK	P951		1
405	N/A	2427490002P	WIRE HARNESS QCNWS0907T8021 (POWER) SAMPO	P982		1
406	N/A	2427490003P	WIRE HARNESS QCNWS0906T8038 INVERTER SAMPO	P983		1
407	A-VC-0101-0386	2427501187P	I/O CABLE D15/D15 20276(3+6) 1.83M BLACK	P961 RA		1
408	CB-00005317	2427501196P	I/O CABLE D15/D15 20276(5.8) 1.83M BLACK	P961 RB		1
409	CB-00006182	2427501198P	I/O CABLE DVI-D*2 20276(6.0) 1.83M BLACK	P971 RA		1
410	CB-00005318	2427590004P	I/O CABLE (DVI) QCODS1641D8D-A 1.8M BLK SAMPO	P971 RB		1
411	N/A	2433301010P	SHIELDING FOAM W10*H8*L10mm	K902		1
412	M-MS-0808-6571	2433303010P	SHIELDING FOAM W10*H10.5*L10mm	K916		1
413	M-MS-0808-6571	2433303010P	SHIELDING FOAM W10*H10.5*L10mm	K917		1
414	M-MS-0808-6571	2433303010P	SHIELDING FOAM W10*H10.5*L10mm	K918		1
415	N/A	2433312131P	SHIELDING FOAM W12*H3*L13mm	K901		1
416	N/A	2434416030P	AL SHIELDING TAPE W16*L30mm (AL)	K919		1
417	N/A	2434425040P	AL SHIELDING TAPE W25*L40mm (AL)	K907		1
418	N/A	2434425040P	AL SHIELDING TAPE W25*L40mm (AL)	K908		1
419	N/A	2434425070P	AL SHIELDING TAPE W25*L70mm (AL)	K903		1
420	N/A	2434425070P	AL SHIELDING TAPE W25*L70mm (AL)	K904		1
421	N/A	2434425070P	AL SHIELDING TAPE W25*L70mm (AL)	K905		1
422	N/A	2434425070P	AL SHIELDING TAPE W25*L70mm (AL)	K906		1
423	N/A	2434450160P	AL SHIELDING TAPE W50*L160mm (AL)	K915		1
424	DC-00005309	2438570007P	CD-OWNER GUIDE VP930 CD-DRIVER DDSKC00628T8	6P81		1
425	DC-00008034	2438570025P	CD-OWNER GUIDE VP930-3 SERIES VS10725 AUO0410	6P80		1

8. Exploded Diagram and Exploded Parts List



ViewSonic Corporation		
Model		
Title	Exploded Diagram	
Date		Rev:

EXPLODED PARTS LIST (VP930-3)

ViewSonic Model Number: VS10725

Rev: 1a

Serial No. Prefix: QCK

Item	ViewSonic P/N	Ref. P/N	Description		Q'ty
1	N/A	2024272901P	FRONT BEZEL	GCABA2369T8F...MGY	1
2	N/A	2044269101P	FUNCTION KEY	JKNBP2392T8F...MGY	1
3	N/A	2053756001P	LED INDIC.-PWR	HDECP2012TSF VP930	1
4	N/A	2202525100P	PCB MULTILAYER	VP930-2 K/B FR4*2 108*9	1
5	N/A	2051353800P	NAME PLATE	VIEWSONIC BIRD LOGO H:8MM	1
6	E-00008011	2212090200P	LCD PANEL	M190EG01-V0 AUO	1
7	N/A	2071881300P	BRACKET,FIX	LANGF2232T8 VP930B	2
8	N/A	2071979700P	METAL FITTG	LANGF2227T8 VP930B	1
9	N/A	2061456300P	BUSHING	PCUSG1687T8 VP930B	1
10	B-00005311	2200501400P	PC BOARD ASS'Y SMD	RUNTP5654T8 (POWER/B) SAMPO RA	1
11	B-00008020	2200501500P	PC BOARD ASS'Y SMD	RUNTP5656T8 (POWER/B) SAMPO RB	1
12	C-00005329	2022267501P	CABI BACK	GCABB1883T8F...MGY	1
13	N/A	2071881100P	BRACKET,FIX	LANGF2194T8---A VP930	4
14	N/A	N.A	BUSHING	PCUSG1671T8 VP930B	1
15	C-00005329	2022267401P	CABI BACK	GC0VD2626T8F...MGY	1
16	N/A	N.A	BUSHING	PCUSG1671T8 VP930B	1
17	N/A	2202525000P	PCB MULTILAYER	VP930-2 M/B FR4*2 120*110	1
18	N/A	2061456400P	BUSHING	PCUSG1651T8---	1
19	B-00005310	2200501200P	PC BOARD ASS'Y SMD	RUNTP5655T8 (INVERTER) SAMPO RA	1
20	B-00008021	2200501300P	PC BOARD ASS'Y SMD	RUNTP5663T8 (INVERTER) SAMPO RB	1
21	N/A	2072461300P	INSULATOR	PISLV0262T8----	1
22	N/A	N/A	PROTECTOR	PISL-1951T8 VP930B	3
23	N/A	2080006100P	SCREW,SPE	XBPSB40P10JS0 (M4*10) VP930B	1
24	N/A	N/A	PROTECTOR	PISL-1588T8 VP930B	1
25	N/A	N/A	HINGE COVER	GCOVD2632T8F	1
26	N/A	N/A	HINGE COVER	GCOVD2633T8F	1
27	N/A	N/A	HINGE BODAY	MHNGM0067T8	1
28	N/A	N/A	NECK FRONT	GCOVD2630T8F	1
29	N/A	N/A	NECK BACK	GCOVD2631T8F	1
30	N/A	N/A	CABLE FIED	GCOVD2634T8F	3
31	N/A	N/A	19"BASE	GSTN-2950T8F	1
32	N/A	N/A	19"BASE-METAL	LANGF2229T8	1

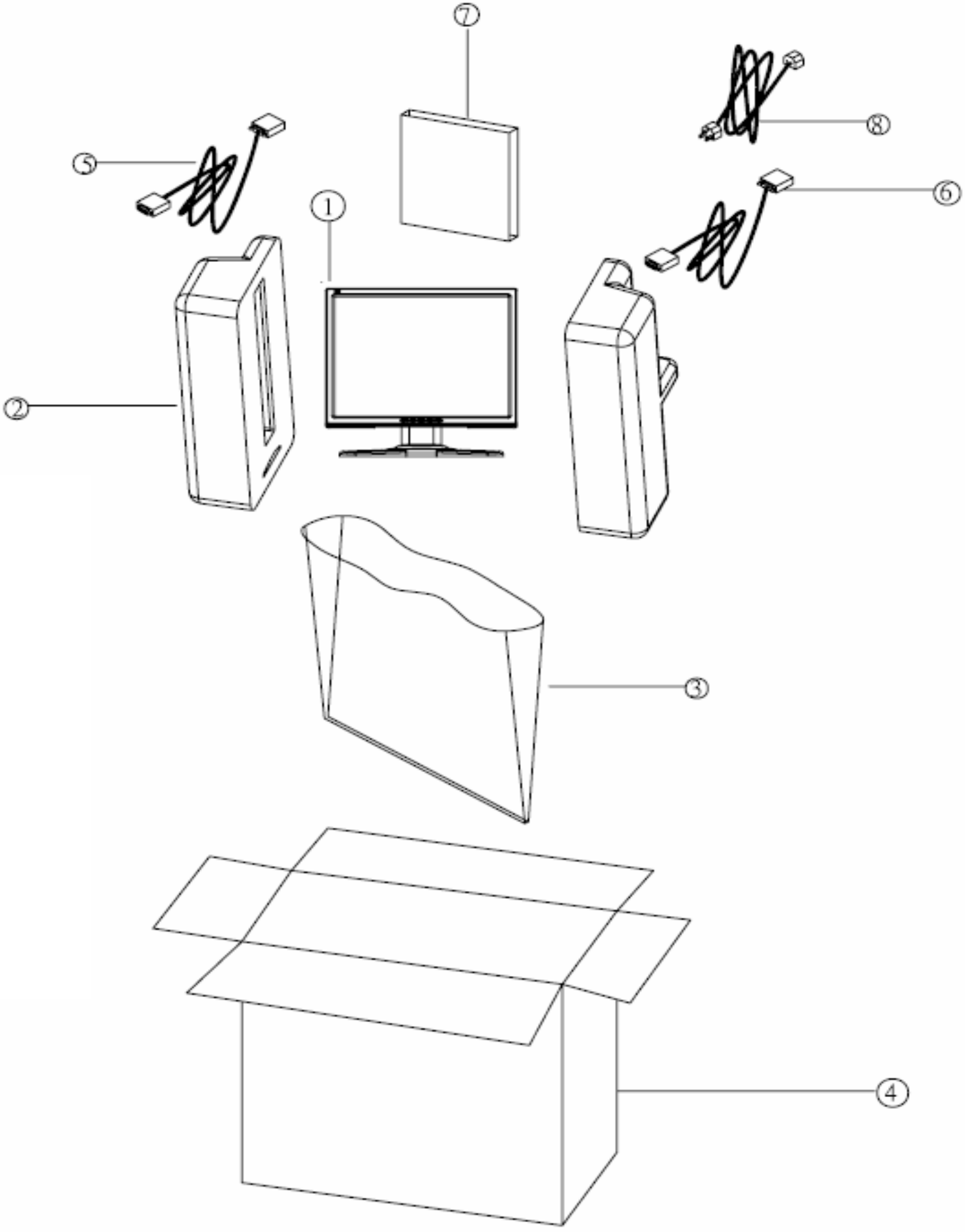
EXPLODED PARTS LIST (VP930b-3)

ViewSonic Model Number: VS10725

Rev: 1a

Serial No. Prefix: QCL

Item	ViewSonic P/N	Ref. P/N	Description		Q'ty
1	N/A	2024272900P	FRONT BEZEL	GCABA2369T8F...MGY	1
2	N/A	2044269100P	FUNCTION KEY	JKNBP2392T8F...MGY	1
3	N/A	2053756001P	LED INDIC.-PWR	HDECP2012TSF VP930	1
4	N/A	2202525100P	PCB MULTILAYER	VP930-2 K/B FR4*2 108*9	1
5	N/A	2051353800P	NAME PLATE	VIEWSONIC BIRD LOGO H:8MM	1
6	E-00008011	2212090200P	LCD PANEL	M190EG01-V0 AUO	1
7	N/A	2071881300P	BRACKET,FIX	LANGF2232T8 VP930B	2
8	N/A	2071979700P	METAL FITTG	LANGF2227T8 VP930B	1
9	N/A	2061456300P	BUSHING	PCUSG1687T8 VP930B	1
10	B-00005311	2200501400P	PC BOARD ASS'Y SMD	RUNTP5654T8 (POWER/B) SAMPO RA	1
11	B-00008020	2200501500P	PC BOARD ASS'Y SMD	RUNTP5656T8 (POWER/B) SAMPO RB	1
12	N/A	2022267500P	CABI BACK	GCABB1883T8F...MGY	1
13	N/A	2071881100P	BRACKET,FIX	LANGF2194T8---A VP930	4
14	N/A	N.A	BUSHING	PCUSG1671T8 VP930B	1
15	N/A	2022267400P	CABI BACK	GC0VD2626T8F...MGY	1
16	N/A	N.A	BUSHING	PCUSG1671T8 VP930B	1
17	N/A	2202525000P	PCB MULTILAYER	VP930-2 M/B FR4*2 120*110	1
18	N/A	2061456400P	BUSHING	PCUSG1651T8---	1
19	B-00005310	2200501200P	PC BOARD ASS'Y SMD	RUNTP5655T8 (INVERTER) SAMPO RA	1
20	B-00008021	2200501300P	PC BOARD ASS'Y SMD	RUNTP5663T8 (INVERTER) SAMPO RB	1
21	N/A	2072461300P	INSULATOR	PISLV0262T8----	1
22	N/A	N/A	PROTECTOR	PISL-1951T8 VP930B	3
23	N/A	2080006100P	SCREW,SPE	XBPSB40P10JS0 (M4*10) VP930B	1
24	N/A	N/A	PROTECTOR	PISL-1588T8 VP930B	1
25	N/A	N/A	HINGE COVER -B	GCOVD2632T8F	1
26	N/A	N/A	HINGE COVER -B	GCOVD2633T8F	1
27	N/A	N/A	HINGE BODAY	MHNGM0067T8	1
28	N/A	N/A	NECK FRONT-B	GCOVD2630T8F	1
29	N/A	N/A	NECK BACK-B	GCOVD2631T8F	1
30	N/A	N/A	CABLE FIED	GCOVD2634T8F	3
31	N/A	N/A	19"BASE-B	GSTN-2950T8F	1
32	N/A	N/A	19"BASE-METAL	LANGF2229T8	1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PACKING PART LIST (VP930-3)

ViewSonic Model Number: VS10725

Rev: 1a

Item	ViewSonic P/N	Ref. P/N	Location	Q'ty
1	N/A	**7998907131**	LCD MONITOR	1
2	P-00005322	2012186700P	PACKING PolyFoam (R)/ (L)	1
3	P-00008026	2013054030P	BAG	1
4	P-00005321	**2011091102P**	CARTON	1
5	A-VC-0101-0386	2427501187P	D-SUB CABLE	1
6	CB-00005318	2427590004P	DVI CABLE	1
7	DC-00008034	2438570025P	MENU	1
8	A-00005362	2427130046P	POWER CORD	1

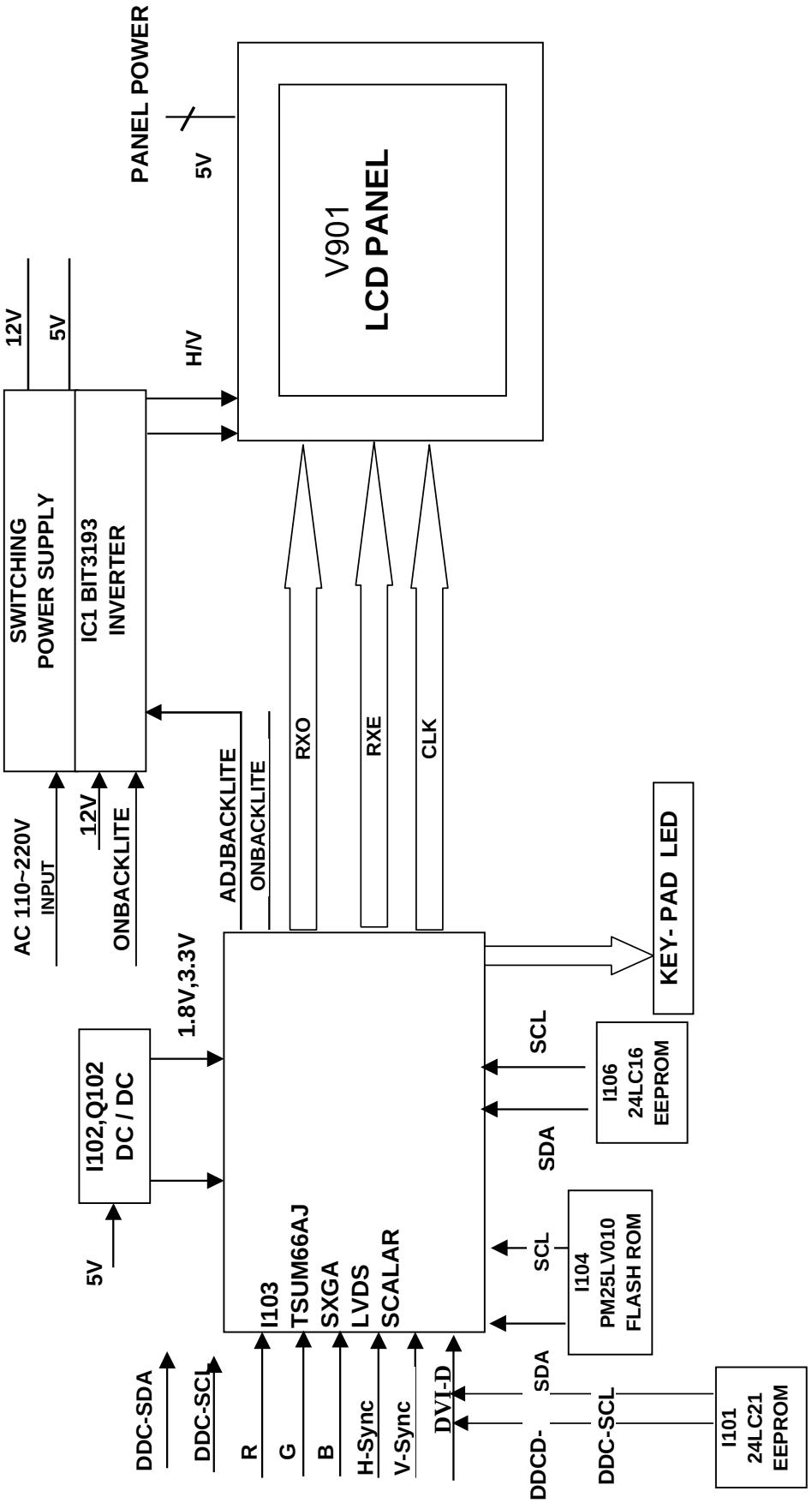
PACKING PART LIST (VP930b-3)

ViewSonic Model Number: VS10725

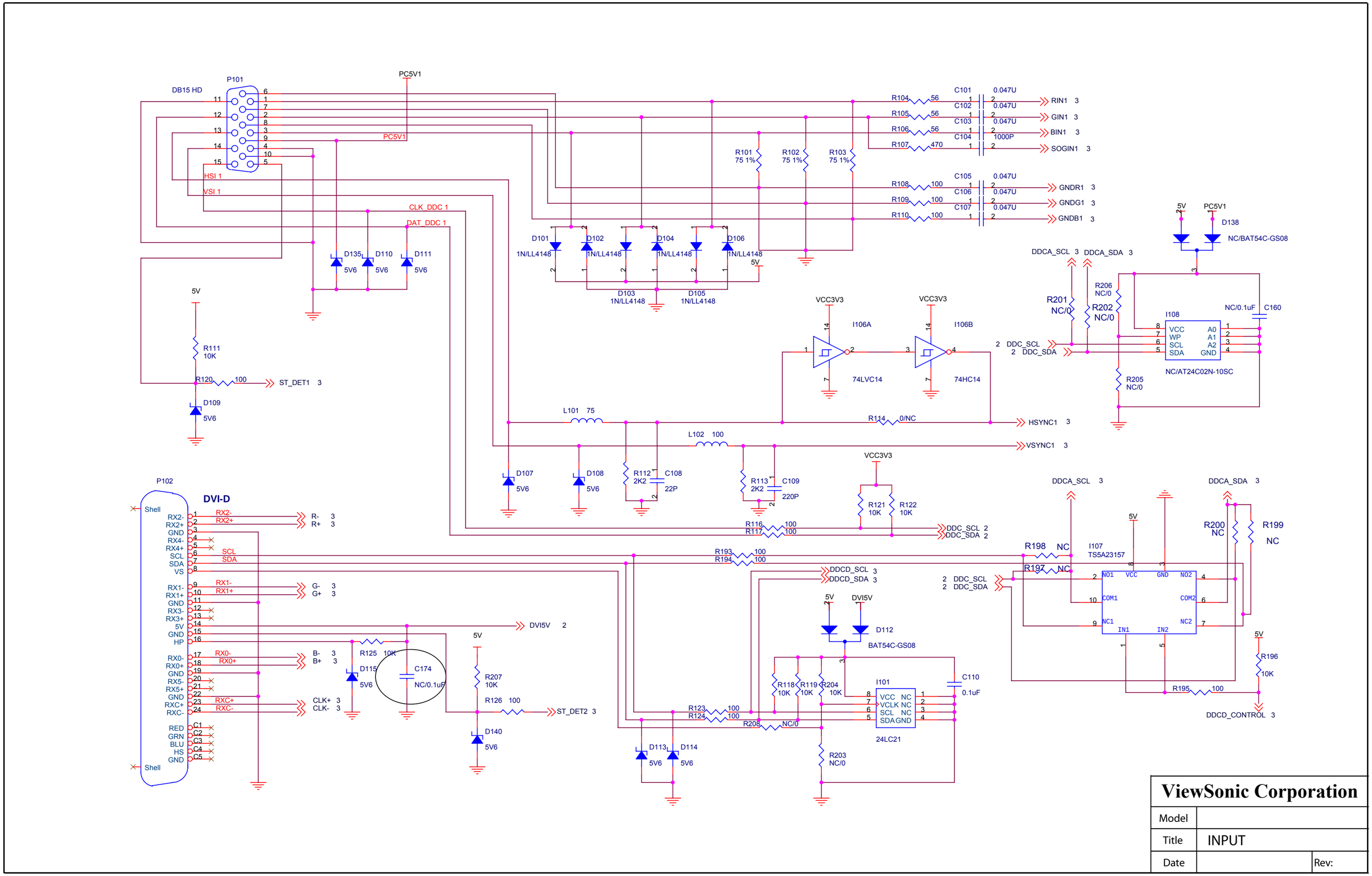
Rev: 1a

Item	ViewSonic P/N	Ref. P/N	Location	Q'ty
1	N/A	**7998907132**	LCD MONITOR	1
2	P-00005322	2012186700P	PACKING PolyFoam R / L	1
3	P-00008026	2013054030P	BAG	1
4	P-00005325	**2011091103P**	CARTON	1
5	A-VC-0101-0386	2427501187P	D-SUB CABLE	1
6	CB-00005318	2427590004P	DVI CABLE	1
7	DC-00008034	2438570025P	MENU	1
8	A-00005362	2427130046P	POWER CORD	1

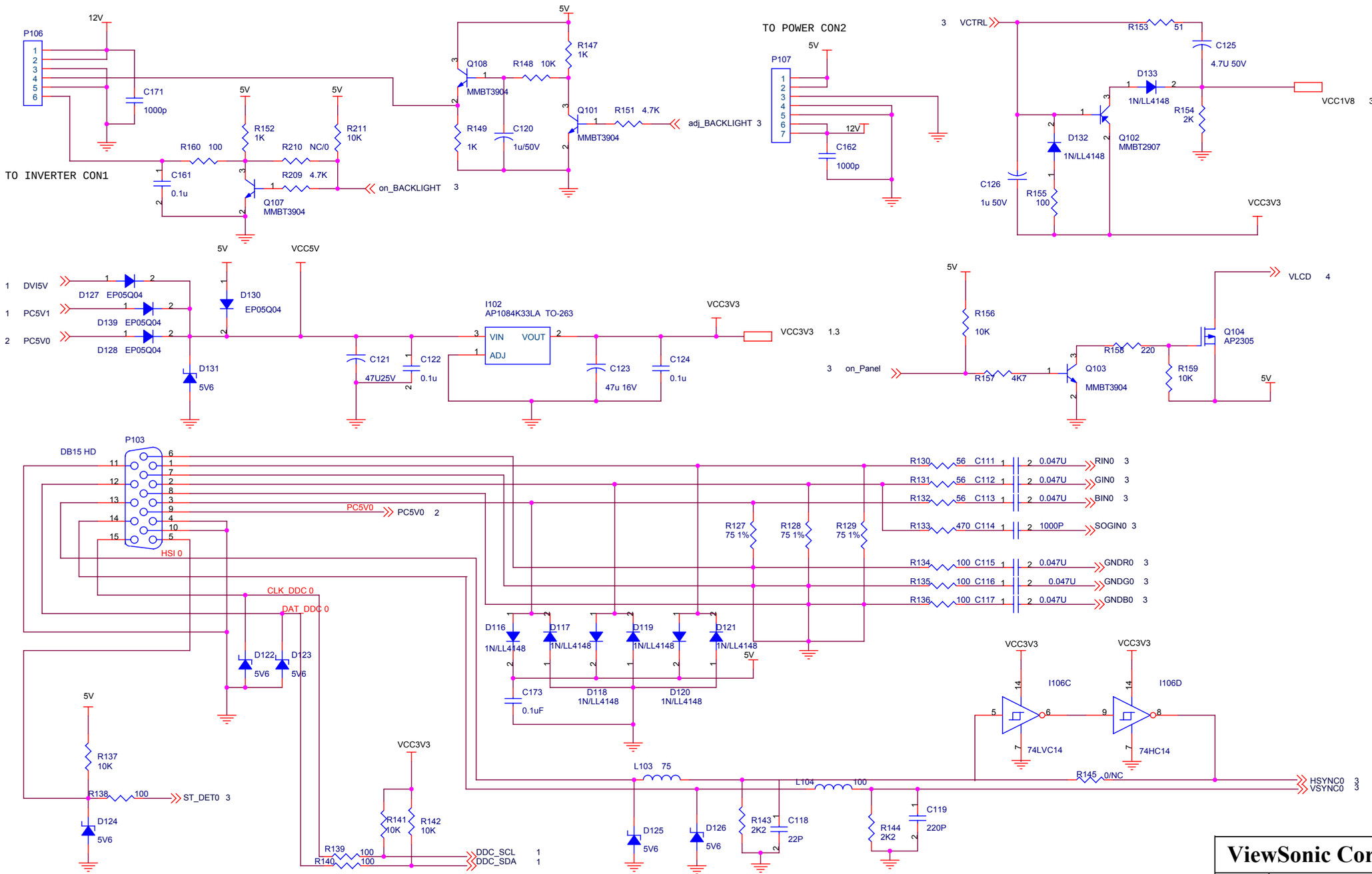
9. Block Diagram



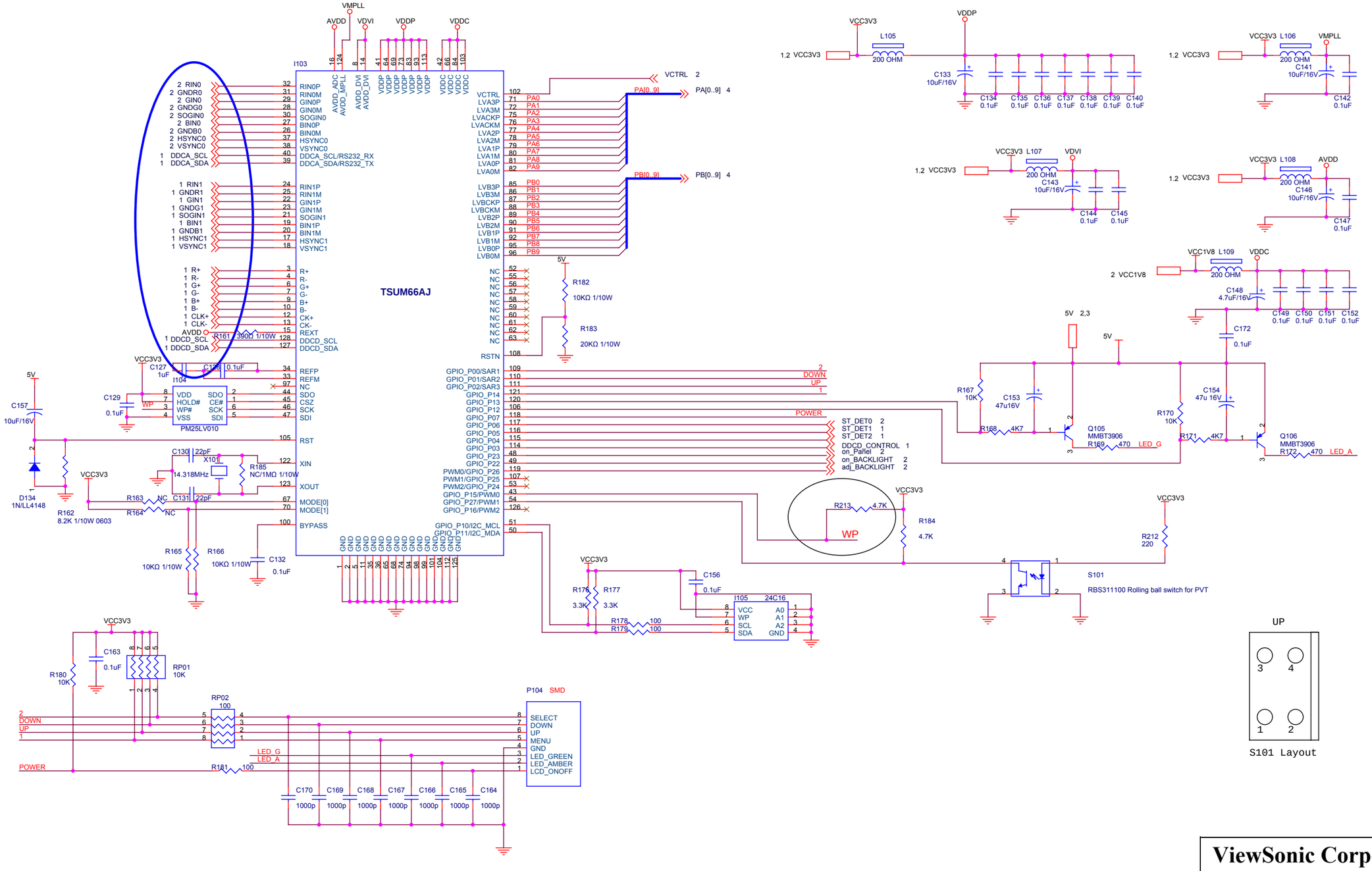
10. Schematic Diagrams



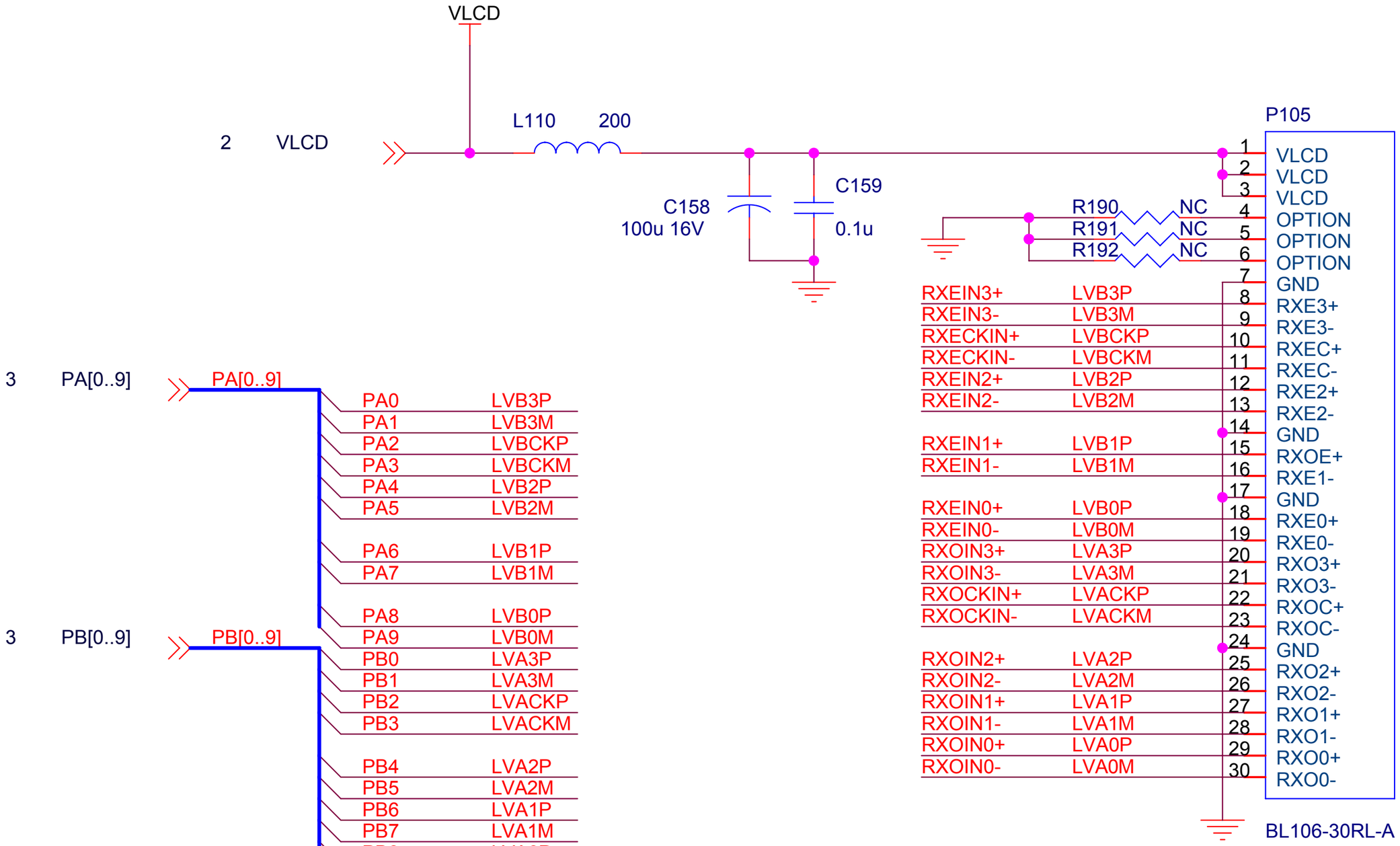
ViewSonic Corporation		
Model		
Title	INPUT	
Date		Rev:



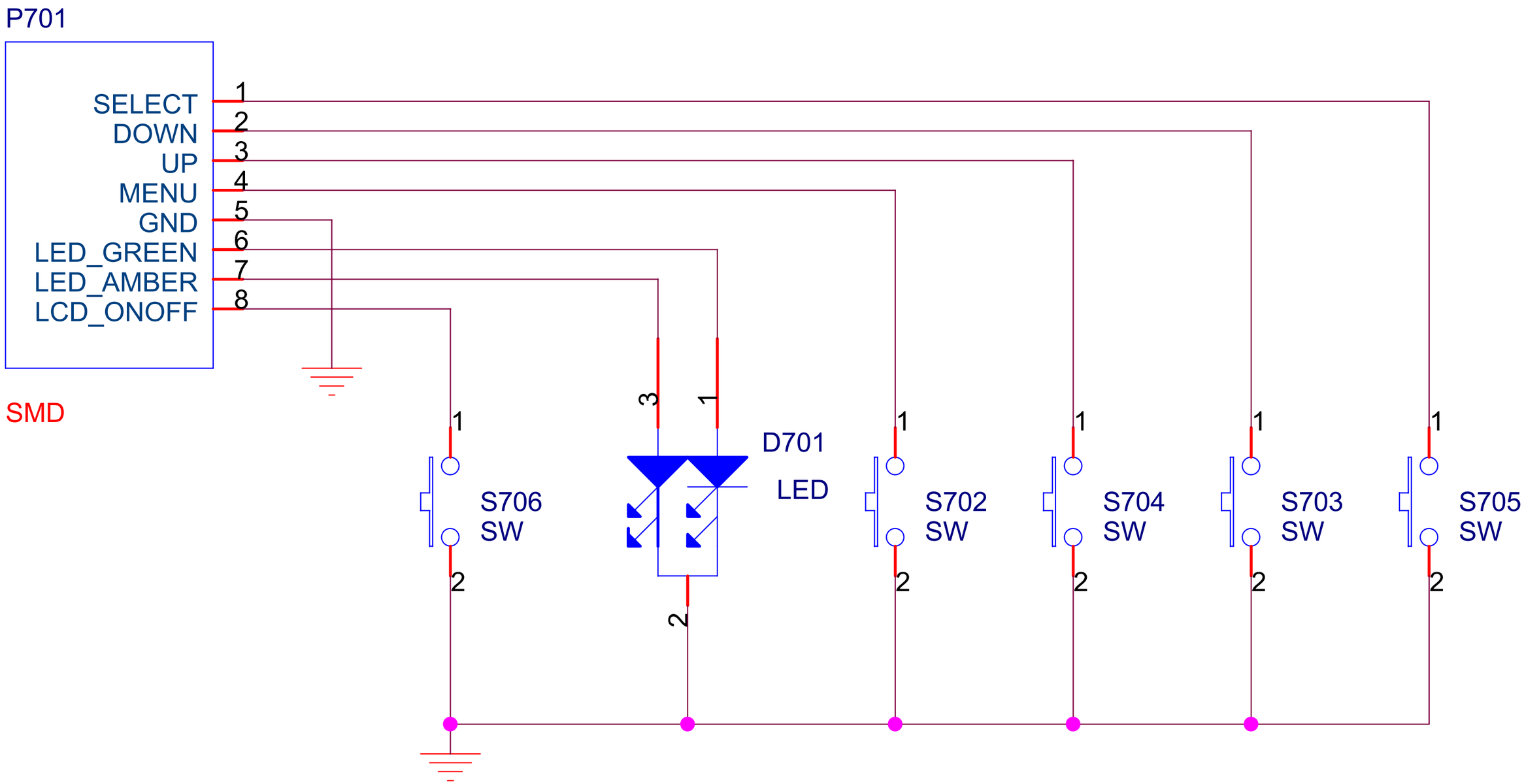
ViewSonic Corporation		
Model		
Title	DC TO DC	
Date		Rev:



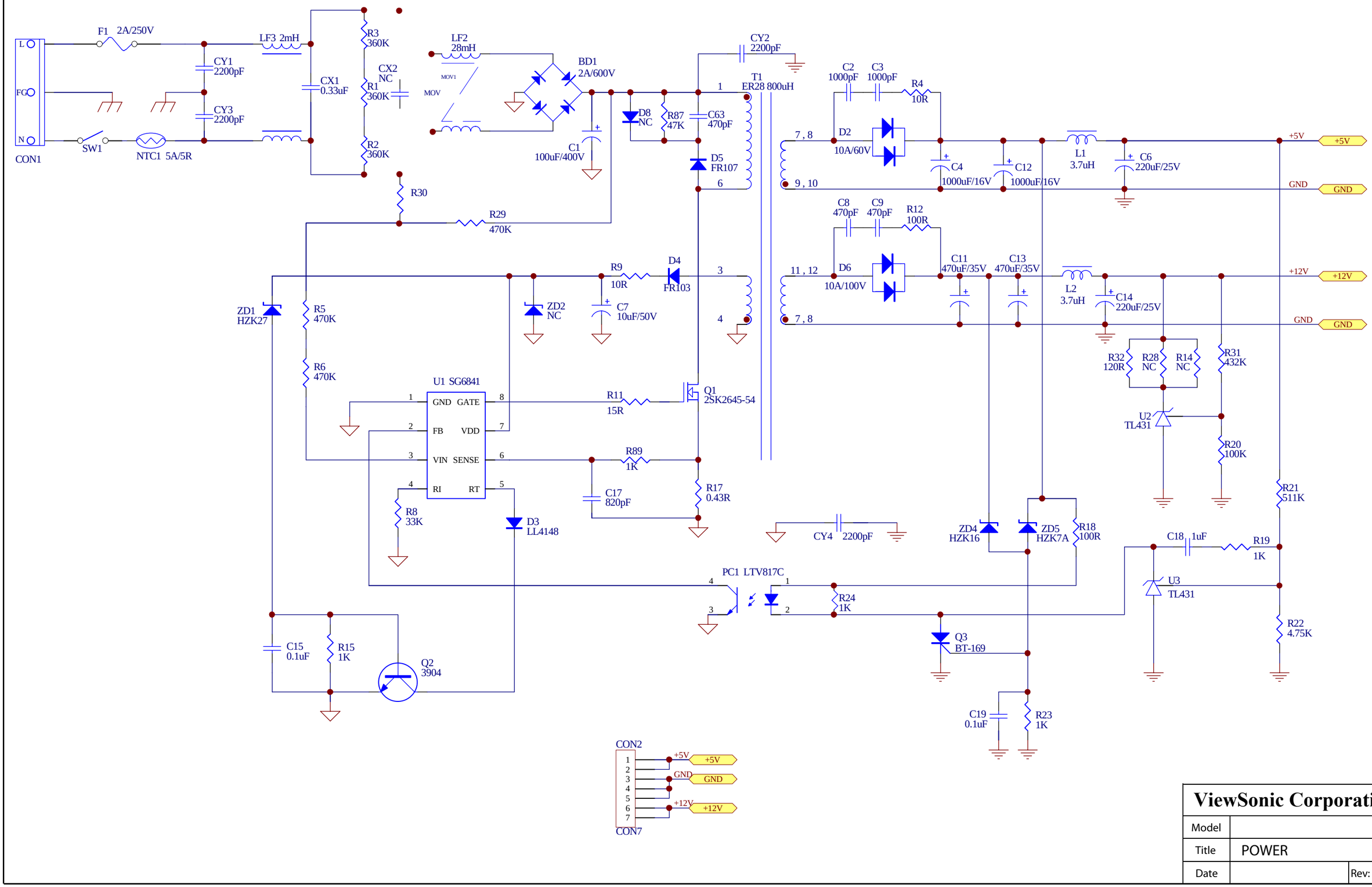
ViewSonic Corporation		
Model		
Title	SCALER	
Date		Rev:



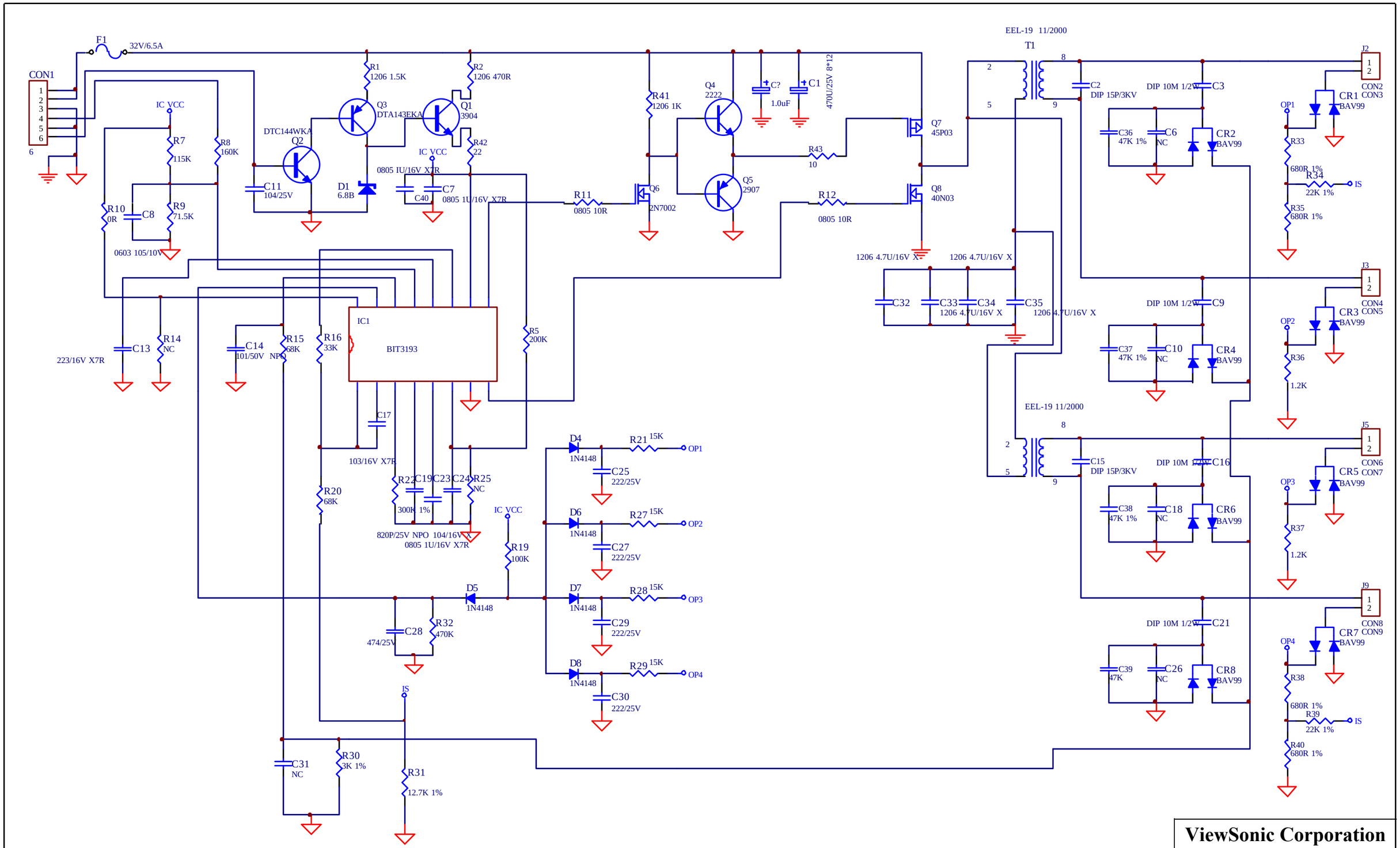
ViewSonic Corporation		
Model		
Title	PANEL INTERFACE	
Date		Rev:



ViewSonic Corporation		
Model		
Title	KEY PAD	
Date		Rev:



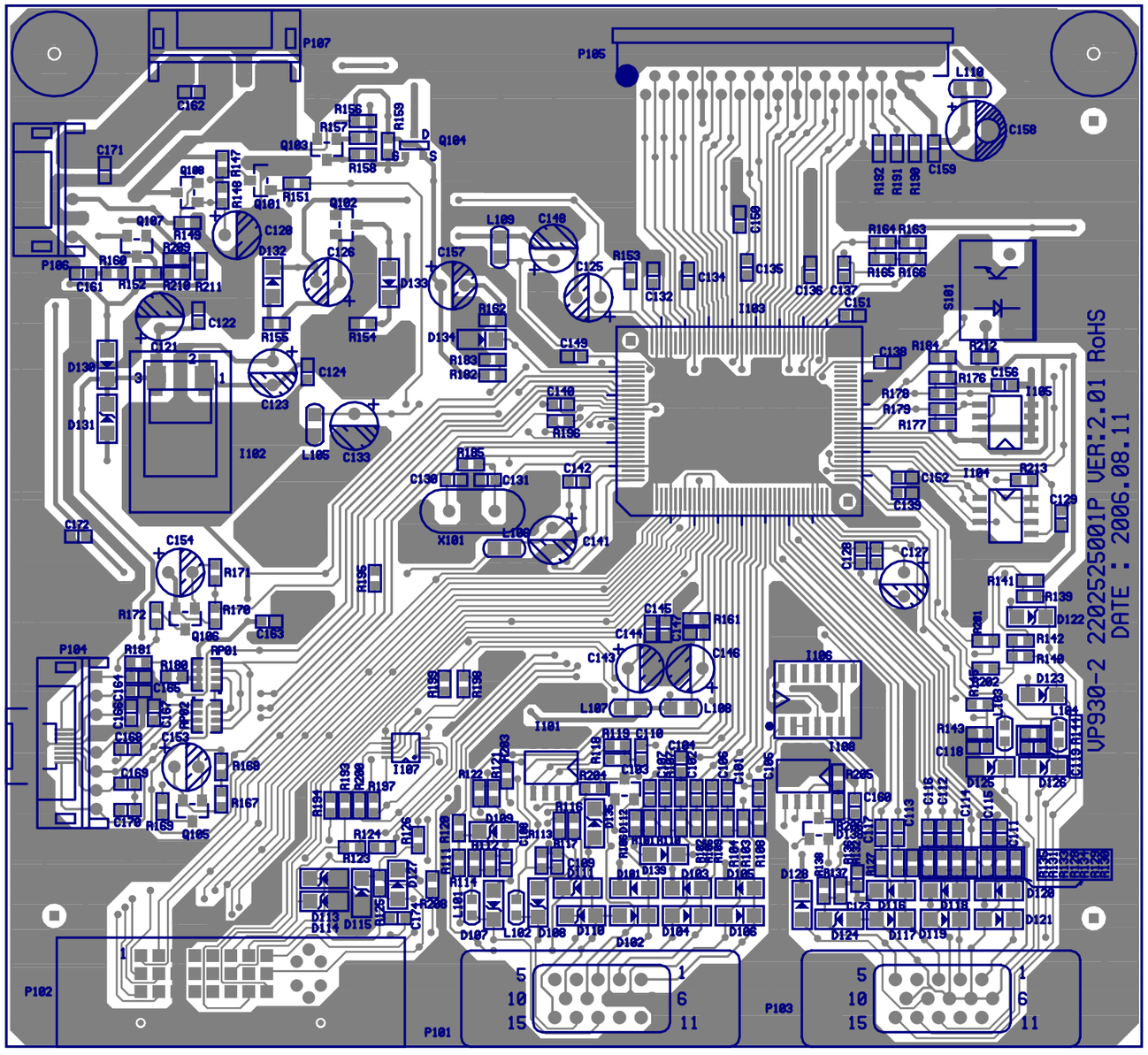
ViewSonic Corporation		
Model		
Title	POWER	
Date		Rev:



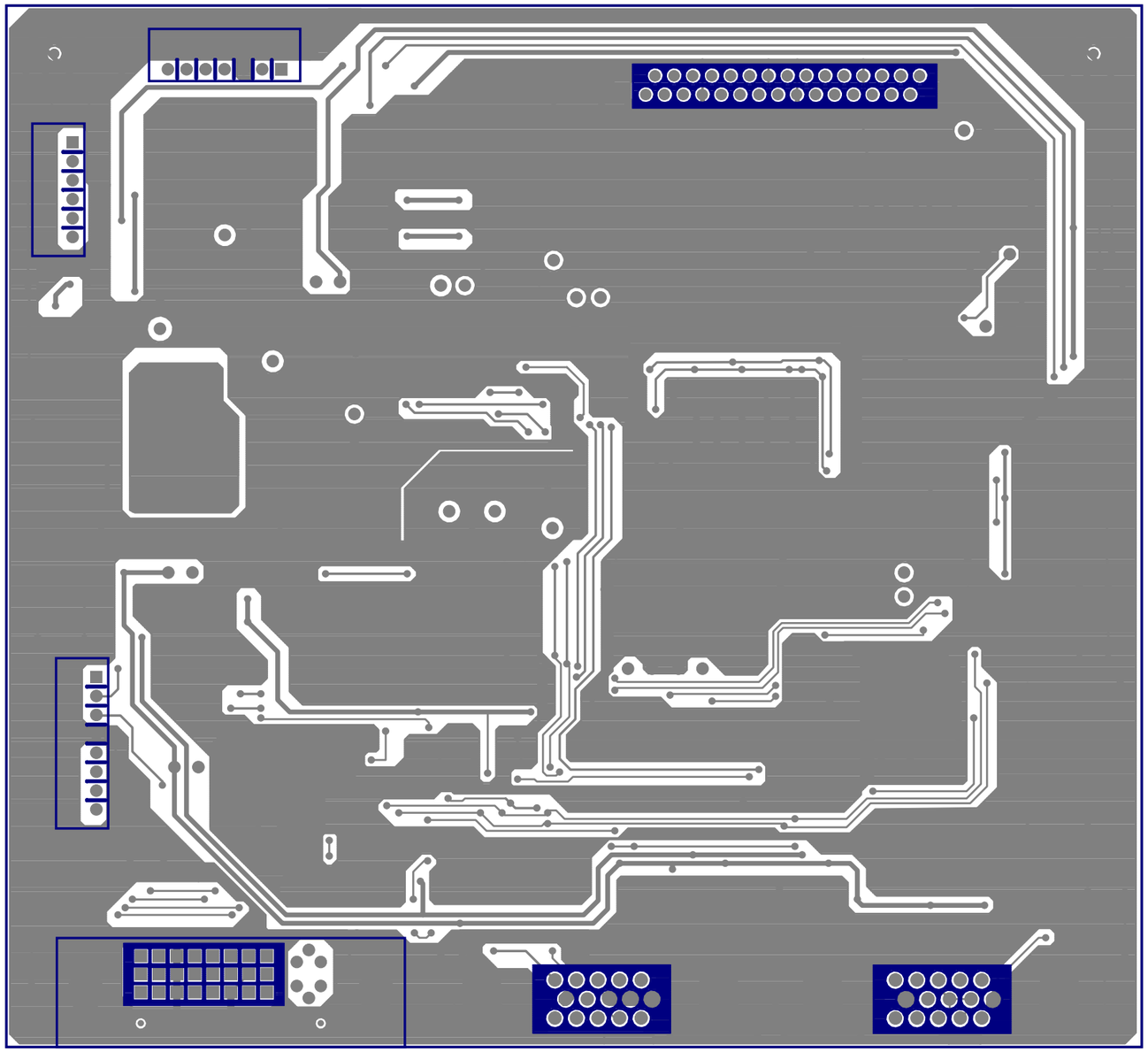
ViewSonic Corporation		
Model		
Title	DC	
Date		Rev:

11. PCB Layout Diagrams

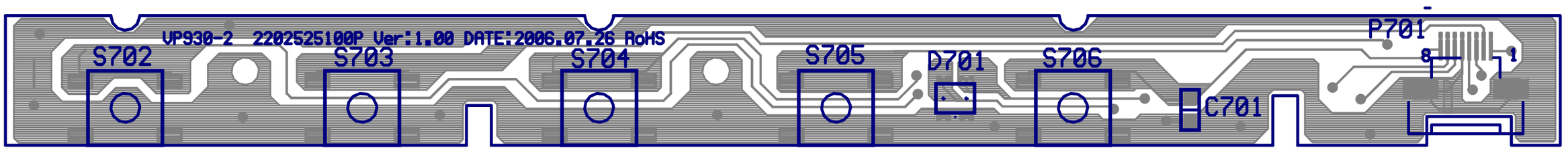
MAIN PCB TOP VIEW



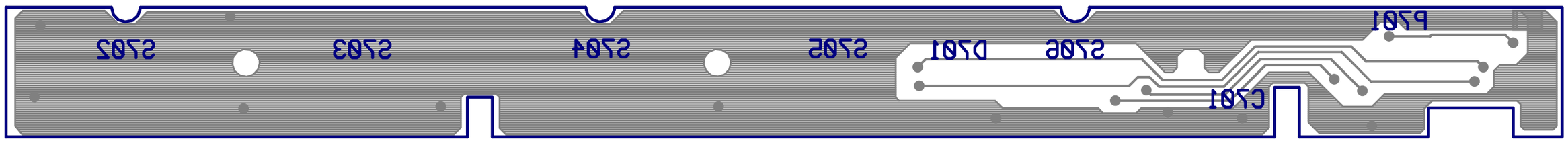
MAIN PCB BOTTOM VIEW



CON PCB TOP VIEW



CON PCB BOTTOM VIEW



* Reader's Response*

Dear Readers:

Thank you in advance for your feedback on our Service Manual, which allows continuous improvement of our products. We would appreciate your completion of the Assessment Matrix below, for return to ViewSonic Corporation.

Assessment

A. What do you think about the content of this Service Manual?

Unit	*Excellent*	*Good*	*Fair*	*Bad*
1. Precautions and Safety Notices				
2. Specification				
3. Front Panel Function Control Description				
4. Circuit Description				
5. Adjustment Procedure				
6. Troubleshooting Flow Chart				
7. Recommended Spare Parts List				
8. Exploded Diagram and Exploded Parts List				
9. Block Diagrams				
10. Schematic Diagrams				
11.PCB Layout Diagrams				

B. Are you satisfied with this Service Manual?

Item	*Excellent*	*Good*	*Fair*	*Bad*
1. Service Manual Content				
2. Service Manual Layout				
3. The form and listing				

C. Do you have any other opinions or suggestions regarding this service manual?

Reader's basic dada:

Name:		**Title:**	
Company:			
Add:			
Tel:		**Fax:**	
E-mail:			

After completing this form, please return it to ViewSonic Quality Assurance in the USA at facsimile 1-909-839-7943. You may also e-mail any suggestions to the Director, Quality Systems & Processes (marc.maupin@viewsonic.com)