

Service Manual

ViewSonic VA1916w

Model No. VS11755

19" Color TFT LCD Display

(Manufacture date: Dec. 2008)

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Product disposal at end of product life

The lamp in this product contains mercury. Please dispose of in accordance with local, state or federal laws.

Revision History

Revision	SM Editing Date	ECR Number	Description of Changes	Editor
A01	Dec 9, 08		Initial Release	
			T96MRYDBIWVSNNN	
			T96MRYDDIWVWNND	
			T96MRYDDIWVWNND	
			T96MRYDDIWVWNNN	

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1. Precautions and Safety Notices

Precautions and safety notices

1.1 safety precautions

This monitor is manufactured and tested on a ground principle that a user's safety comes first. However, improper use or installation may cause damage to the monitor as well as the user. Carefully go over the following WARNINGS before installing and keep this guide handy.

1.2 WARNINGS

This monitor should be operated only at the correct power sources indicated on the label on the rear end of the monitor. If you're unsure of the power supply in your residence, consult you local dealer or power company.

Use only the special power adapter that comes with this monitor for power input.

Do not try to repair the monitor your self as it contains no user-serviceable parts. This monitor should only be repaired by a qualified technician.

Do not remove the monitor cabinet. There is high-voltage parts inside that may cause electric shock to human bodies, even when the power cord is unplugged.

Stop using the monitor if the cabinet is damaged. Have it checked by a service technician.

Put your monitor only in a clean, dry environment. If it gets wet, unplug the power cable immediately and consult your service technician.

Always unplug the monitor before cleaning it .Clean the cabinet with a clean, dry cloth. Apply non-ammonia based cleaner onto the cloth, not directly onto the glass screen.

Keep the monitor away from magnetic objects, motors, TV sets, and transformer.

Do not place heavy objects on the monitor or power cord.

1.3 Product safety notice

Many electrical and mechanical parts in this chassis have special safety visual inspections and the protection afforded by them cannot necessarily be obtained by using replacement components rated for higher voltages, wattage, etc.

Before replacing any of these components read the parts list in this manual carefully. The use of substitute replacement parts which do not have the same safety characteristics as specified in the parts list may create shock, fire ,or other hazards.

1.4 Service notes

When replacing parts or circuit boards, clamp the lead wires around terminals before soldering.

When replacing a high wattage resistor(more than 1W of metal oxide film resistor) in circuit board, keep the resistor about 5mm away from circuit board.

Keep wires away from high voltage, high temperature components and sharp edges.

Keep wires in their original position so as to reduce interference.

Usage of this product please refer to also user's manual.

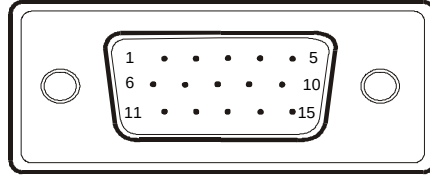
Correct Methods	Incorrect Methods
Only touch the metal-frame of the panel or the front cover of the monitor. Do not touch the surface of the polarizer.	Surface of the panel is pressed by fingers and that may cause "MURA"
	
	
Take out the monitor from carton.	Take out the monitor by grasping the LCD panel. That may cause "MURA".
	
Place the monitor on a clean & soft foam pad .	Place the monitor on foreign objects and that could scratch the surface of panel.
	

2. Specification

2.1 Product specifications

Product Name	VA1916w
Oracle P/N	VA1916W-10
Model Number	VS11755
OSD Languages: 11	English, French, German, Italian, Spanish, Finnish, Japanese, Russian Simplified Chinese, Traditional Chinese, Korean
TFT LCD Panel and Model #	1 st panel: CMO A190A2
Scalar	RTD 2554VH
Input Signal	Analog x1
Sync Compatibility	Separate Sync
Adapter	Internal Power Board
Power Cable	Yes, refer to APPENDIX B: Power Cable
Analog Cable (1.8 m, black), with PC 2001 and Hot Plug Detect &DDC	Yes (Detached cable; refer the Appendix A)
DVI-D Cable(1.8m, black) with PC 2001	NO
Audio Cable(1.8m, black) with PC 2001	NO
MIC Cable(1.8m, black) with PC 2001	No
USB Cable (V2.0)	No
ViewSonic CD Wizard	Arabic, English, Finnish, Spanish, German, Italian, Japanese, Swedish, Polish, Korean, Portuguese, Russian, Turkish, French, Czech, Hungarian, Simplified Chinese, Traditional Chinese. Greek, Dutch, Bulgarian, Croatian, Romanian, Serbian, Slovak, Slovenian
ViewSonic Quick Start Guide	One Page
Perfect Suite CD	No
Screen Protector Mylar	Yes
Foot Protector plastic	No
Base assembly Procedure Card	Yes
Energy start sticker	Yes
Vista Install Card	Yes
DCR Sticker	Yes
Service Insert	For Region code = M units only
Warranty Card	For Region code = G units only
Carton Sticker	For Region code = G units only
PE bag of Carton	NO
Manufacture address sticker	For Region code = G units only

2.2 Interface description



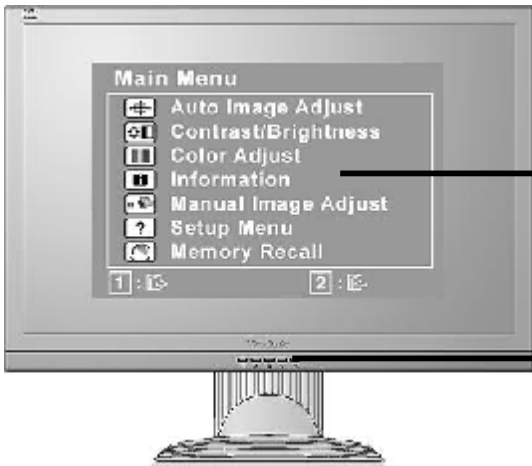
Video Connector Pin Assignment

A -1.15 pin D-sub connector pin assignment

Pin Number	Pin Function
1	Red video input
2	Green video input
3	Blue video input
4	No Connection
5	Ground
6	Red video ground
7	Green video ground
8	Blue video ground
9	+5V
10	H/V sync ground
11	No connection
12	(SDA)
13	Horizontal sync (Composite sync)
14	Vertical sync
15	(SCL)

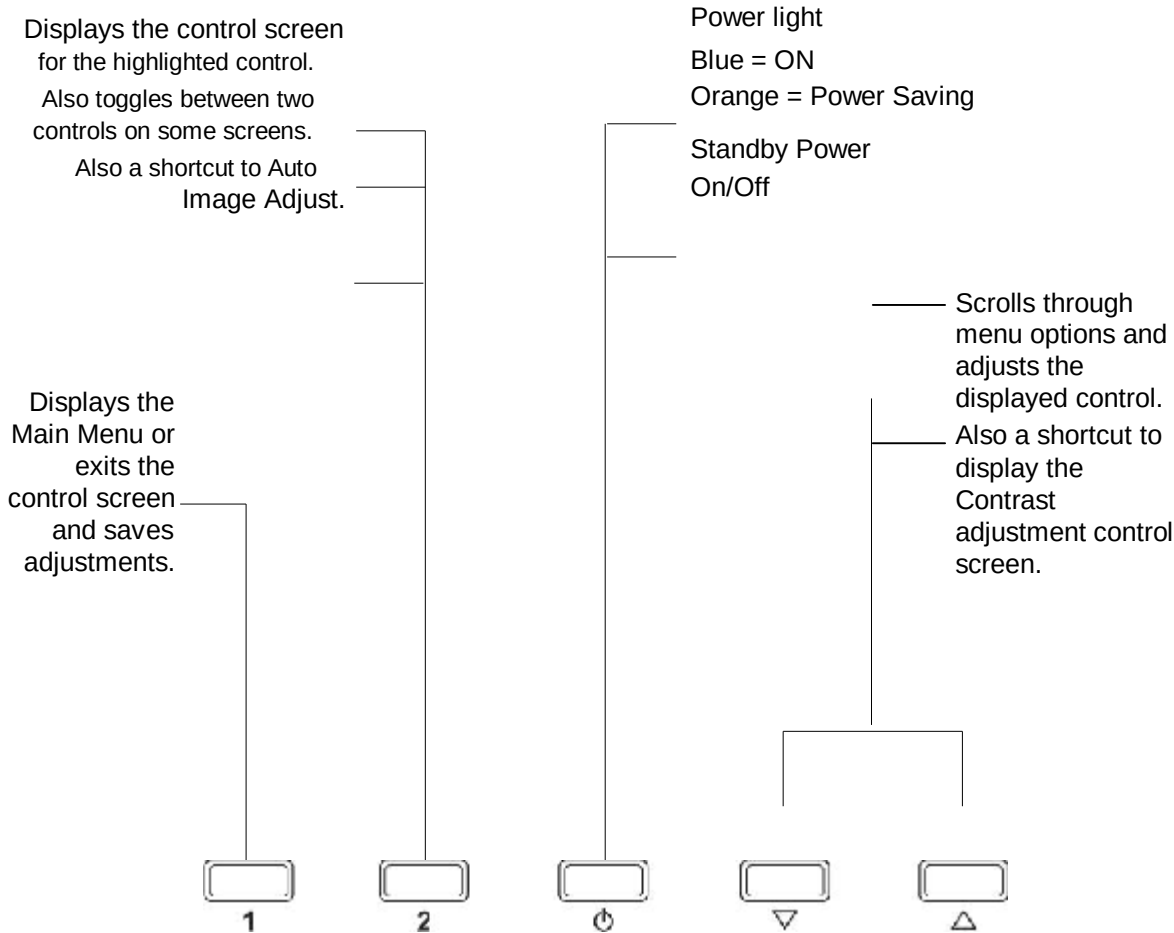
3. Front Panel Function Control Description

Use the buttons on the front control panel to display and adjust the OSD controls which display on the screen. The OSD controls are explained at the top of the next page and are defined in “Main Menu Controls”



Main Menu
with OSD controls

Front Control Panel
shown below in detail



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.



The line at the bottom of the screen shows the current functions of buttons 1 and 2: Exit or select the Brightness control.

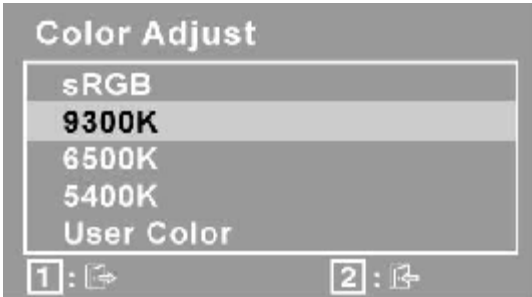
4. To adjust the control, press the or buttons.
5. To save the adjustments and exit the menu, press button [1] *twice*.

The following tips may help you optimize your display:

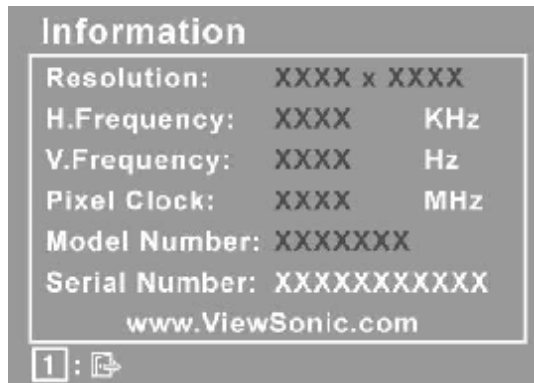
- Adjust the computer's graphics card so that it outputs a 1440 x 900 @ 60Hz video signal to the LCD display. (Look for instructions on "changing the refresh rate" in the graphics card's user guide.)
- If necessary, make small adjustments using H. POSITION and V. POSITION until the screen image is completely visible. (The black border around the edge of the screen should barely touch the illuminated "active area" of the LCD display.)

Main Menu Controls

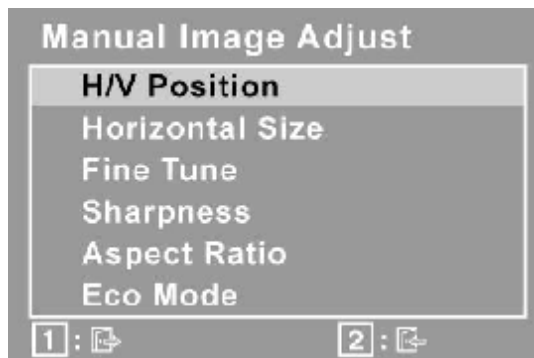
Adjust the menu items shown below by using the up and down buttons.

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.
	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).
	6500K-Adds red to the screen image for warmer white and richer red.
	5400K-Adds 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 and . 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 1440 x 900 @ 60Hz (recommended) means that the resolution is 1440 x 900 and the refresh rate is 60 Hertz.



Manual Image Adjust displays the Manual Image Adjust menu.



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

H. Size (Horizontal Size) adjusts the width of the screen image.

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

NOTE: Try Auto Image Adjust first.

Sharpness adjusts the clarity and focus of the screen image.

Aspect ratio Selects the image size for 4:3 and full screen.

ECO Mode provides the lower power consumption by reducing the brightness.

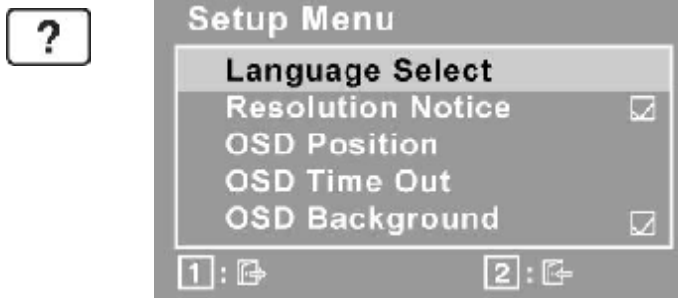
Standard: The default brightness setting

Optimize: Decreases the brightness by 25 %

Conserve: Decreases the brightness by 50 %

NOTE: When the ECO Mode is set to "Optimize" or "Conserve", the Brightness, Contrast, and Dynamic Contrast cannot be adjusted.

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 advises the optimal resolution to use.

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

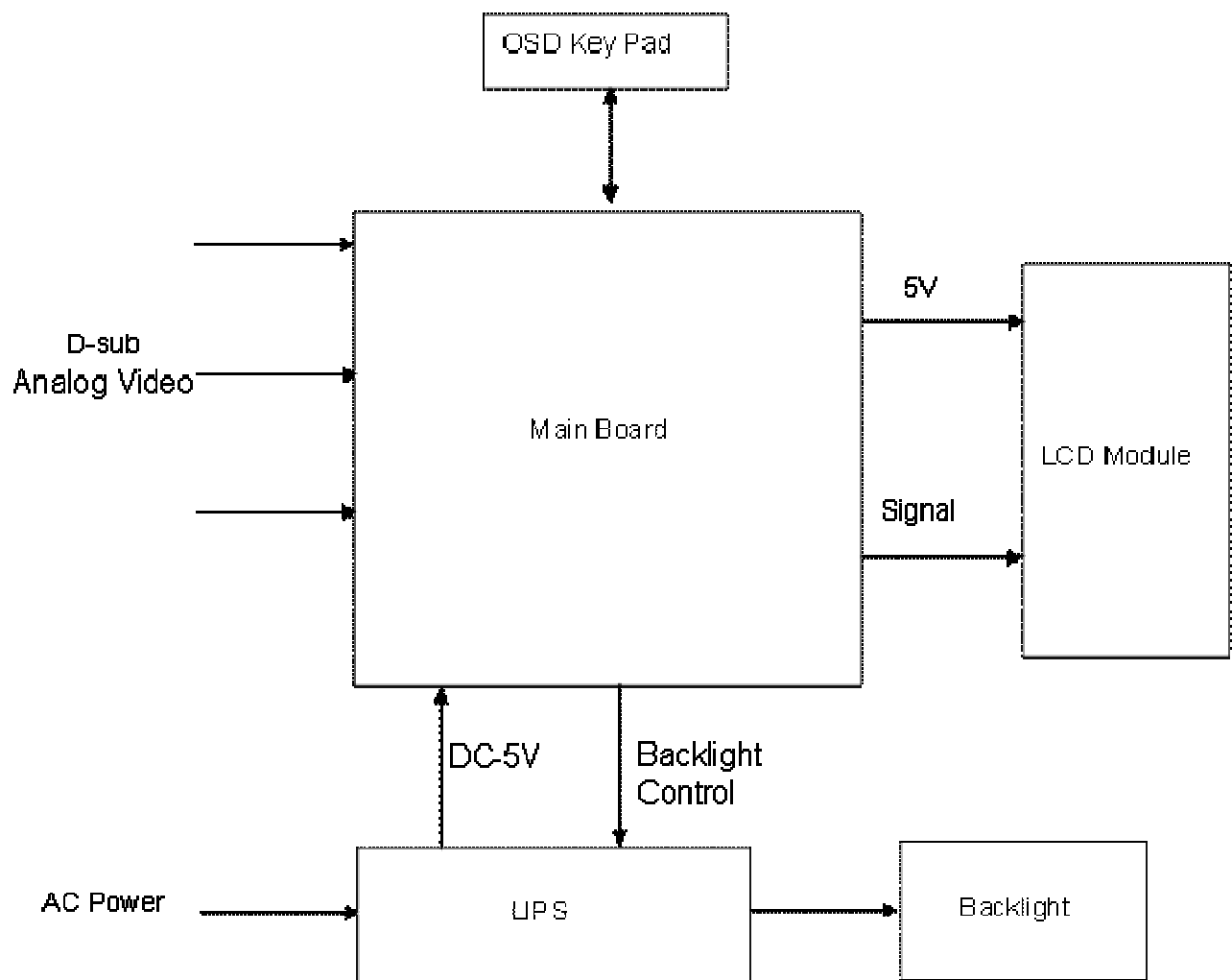
OSD Timeout sets the length of time the OSD screen is displayed. For example, with a “15 second” setting, if a control is not pushed within 15 seconds, the display screen disappears.

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

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.

4. Circuit Description



5. Adjustment Procedure

1. All Modes Reset

You should do “All Model Reset” (Refer to Chap 3. Hot Keys for Function Controls) first. This action will allow you to erase all end-user’s settings and restore the factory defaults.

2. Auto Image Adjust

The Auto Adjust is aimed to offer a best screen quality by built-in ASIC. For optimum screen quality, the user has to adjust each function manually.

A. Turn the computer and LCD monitor on.

B. Press the ‘**Auto**’ button on monitor keypad to Auto Adjust.

C. The LCD monitor will start the Auto Adjust process automatically and run for 10 consecutive seconds, during which time you will notice the image change.

3. Firmware

Test Pattern: Burn in Model (Refer to Chap3. Hot Keys for Function Control)

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

4. DCC

Test Pattern: EDID program

-Make sure it can pass test program.

5. Window Shut Down

Test Signal: 1280*1024@60Hz

Test Pattern:



Checkered Pattern Every One Pixel (50%Green & 50%Blue)

Inspection Item: Flicker, Mura

6. Window BG

Test Signal: 1280*1024@60Hz

Test Pattern:



Window standard pattern

Inspection Item: Line Defect, Function Defect & Mura

7. 25 Gray

Test Signal: 1280*1024@60Hz

Test Pattern:



Full Screen 25% White (Gray)

Inspection Item: Particle, Line Defect & Mura

8. 50 Gray

Test Signal: 1280*1024@60Hz

Test Pattern:



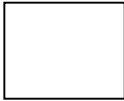
Full Screen 50% White (Gray)

Inspection Item: Bright Dot, Particle, Line Defect & Mura

9. White Box

Test Signal: 1280*1024@60Hz

Test Pattern:



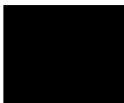
Window standard pattern

Inspection Item: Particle, Line Defect, Power, Image Remain & Mura

10. Black Box

Test Signal: 1280*1024@60Hz

Test Pattern:



Window standard pattern

Inspection Item: Bright Dot, Line Defect & Power

11. RED

Test Signal: 1280*1024@60Hz

Test Pattern:



Full Screen Red

Inspection Item: Bright Dot, Partial & Line Defect

12. Green

Test Signal: 1280*1024@60Hz

Test Pattern:



Full Screen Green

Inspection Item: Bright Dot, Partial & Line Defect

13. Blue

Test Signal: 1280*1024@60Hz

Test Pattern:



Full Screen Green

Inspection Item: Bright Dot, Partial & Line Defect

14. Gray_Scale_0-100_V64

Test Signal: 1280*1024@60Hz

Test Pattern:



Vertical 64 (256) Gray Scale (Right → Left , From 0 to 100% White)

Inspection Item: Line Defect & Function Defect

15. Function Test Display pattern

Item	Pattern	Description	Remark
1	Gray_Scale_0-100_V	Vertical 64 (256) Gray Scale (右→左 , From 0 to 100% White)	Figure 1
2	Gray_Scale_0-100_H	Horizontal 64 (256) Gray Scale (上→下 , From 0 to 100% White)	Figure 2
3	Black	Full Screen Black	Figure 3
4	Red	Full Screen 50% Red	Figure 4
5	Green	Full Screen 50% Green	Figure 5
6	Blue	Full Screen 50% Blue	Figure6
7	White	Full Screen White	Figure7
8	Black_Tile	Black Tile Under White Background	Figure 8

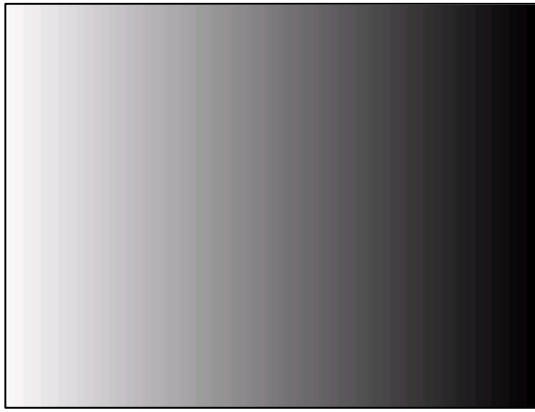


Figure 1

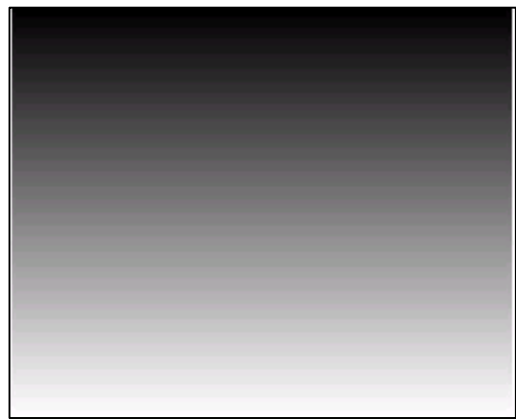


Figure 2

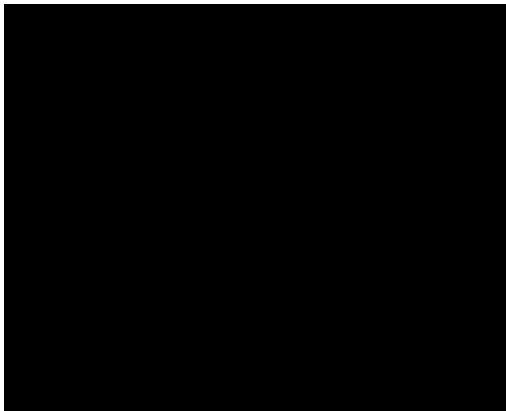


Figure 3



Figure 4



Figure 5



Figure 6



Figure 7

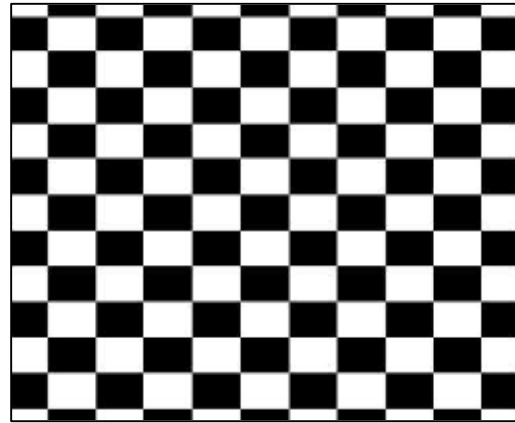


Figure 8

Factory Defaults

Item	Defaults	Item	Defaults
Contrast	70%	Input Priority	N/A
Brightness	100%	Resolution Notice	On
Color Temperature	6500K	Volume	N/A
Sharpness	100%	Balance	N/A
OSD H. Position	50%	Treble	N/A
OSD V. Position	50%	Bass	N/A
OSD Time Out	15	720x400 / 640x400	720x400
OSD Background	On	DCR	ON
ECO Mode	Standard	Aspect Ratio	Full screen

RTD2120 ISP user flow

Software : RTD ISP Ver3.0

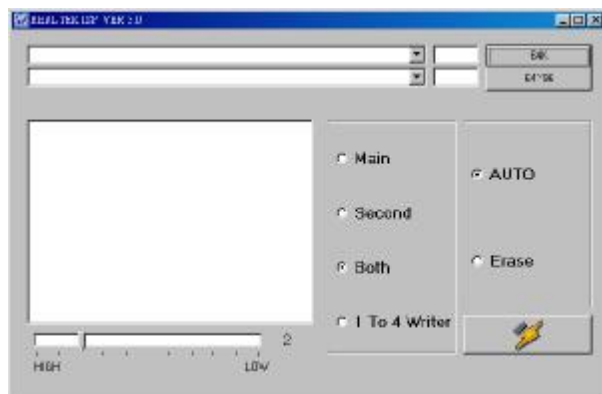


Hardware : Print to D-Sub and DVI-D Converter



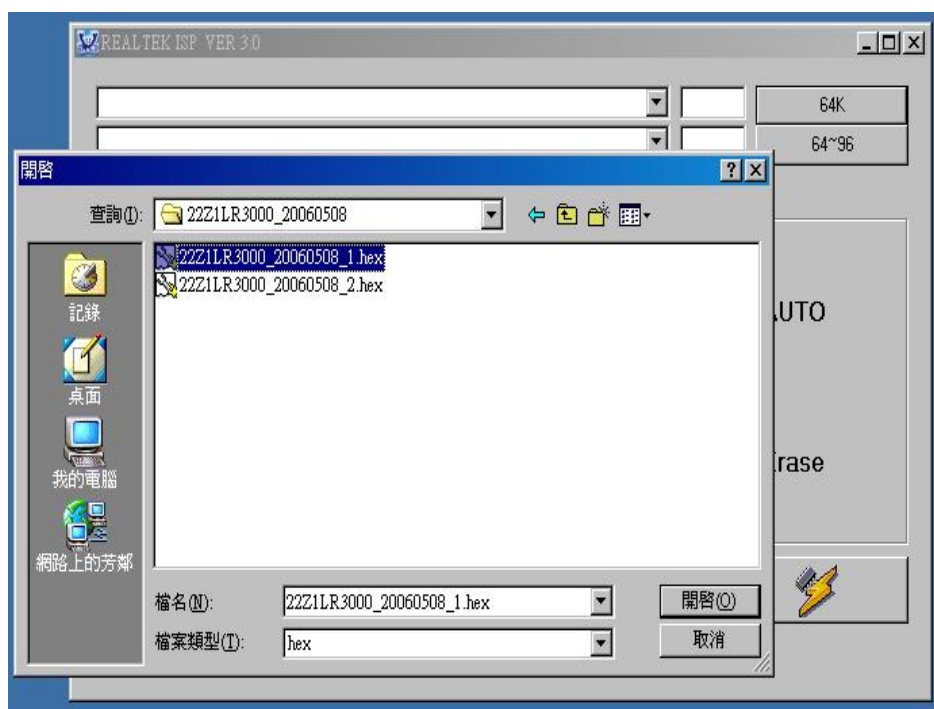
Step 1. Update BIOS Flow :

Execute ISP.exe



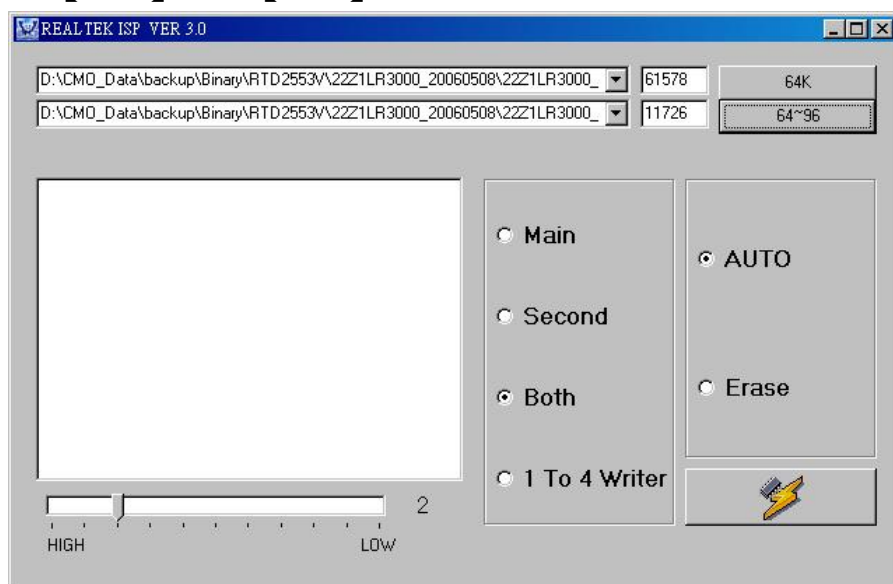
Step2.

Click **【64K】** , Select the first file name xxxxxxxxxx_1.hex and
Click **【64~96】** , Select the second file name xxxxxxxx_2.hex



Step 3.

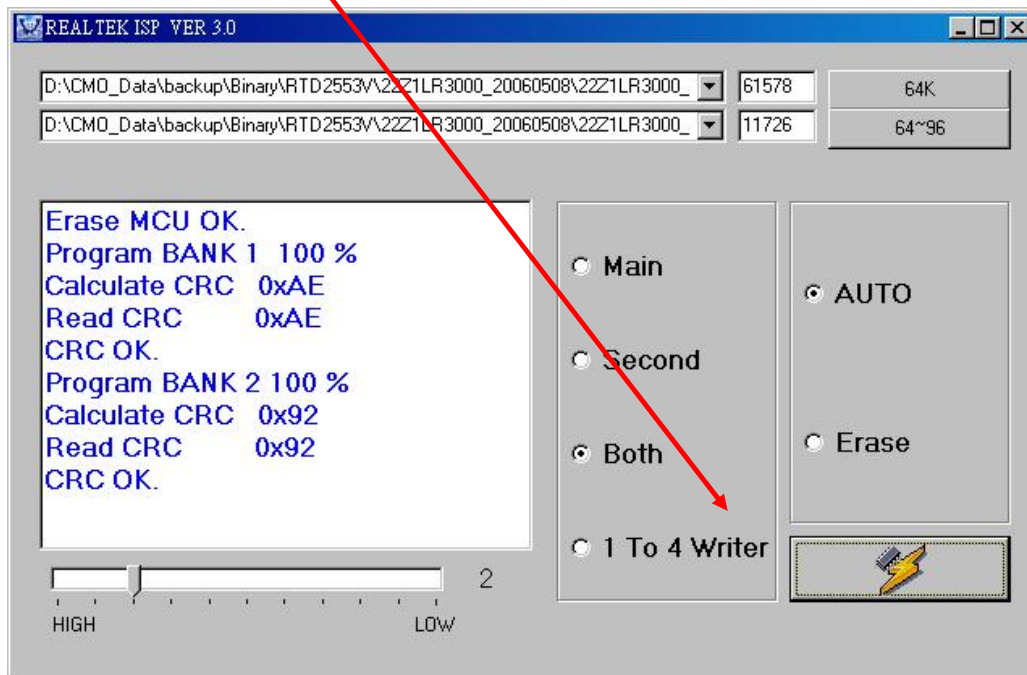
Select **【Both】** and **【Auto】** .



Step 4. Click



then appear below condition.



6. Troubleshooting Flow Chart

Troubleshooting

No power

Make sure power button (or switch) is ON.

Make sure A/C power cord is securely connected to the LCD display.

Plug another electrical device (like a radio) into the power outlet to verify that the outlet is supplying proper voltage.

Power is ON but no screen image

Make sure the video cable supplied with the LCD display is tightly secured to the video output port on the back of the computer. If the other end of the video cable is not attached permanently to the LCD display, tightly secure it to the LCD display.

Adjust brightness and contrast.

If you are using an Macintosh older than G3, you need a Macintosh adapter.

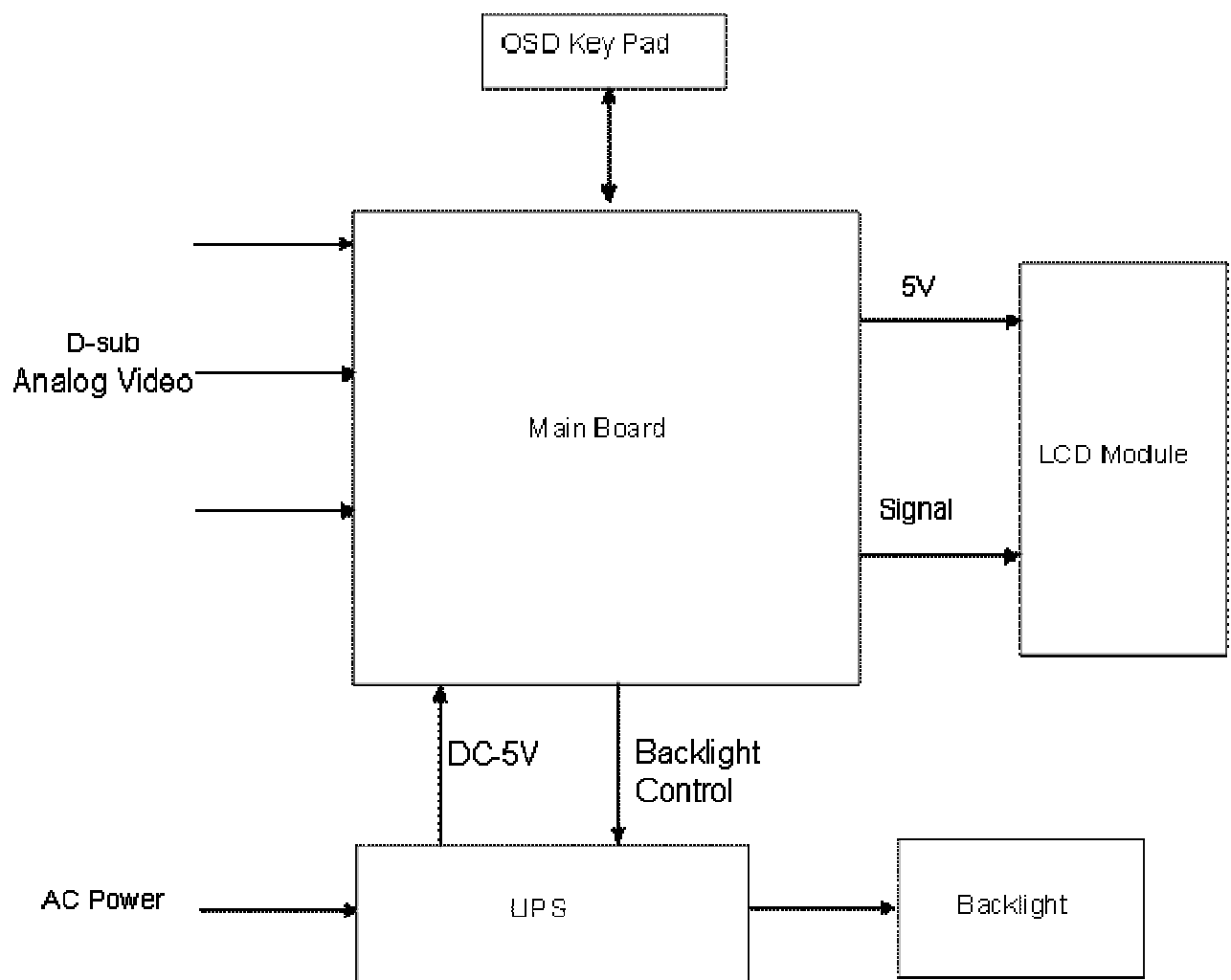
Wrong or abnormal colors

If any colors (red, green, or blue) are missing, check the video cable to make sure it is securely connected, loose or broken pins in the cable connector could cause an improper connection.

Control buttons do not work

Press only one button at a time.

7. Block Diagram

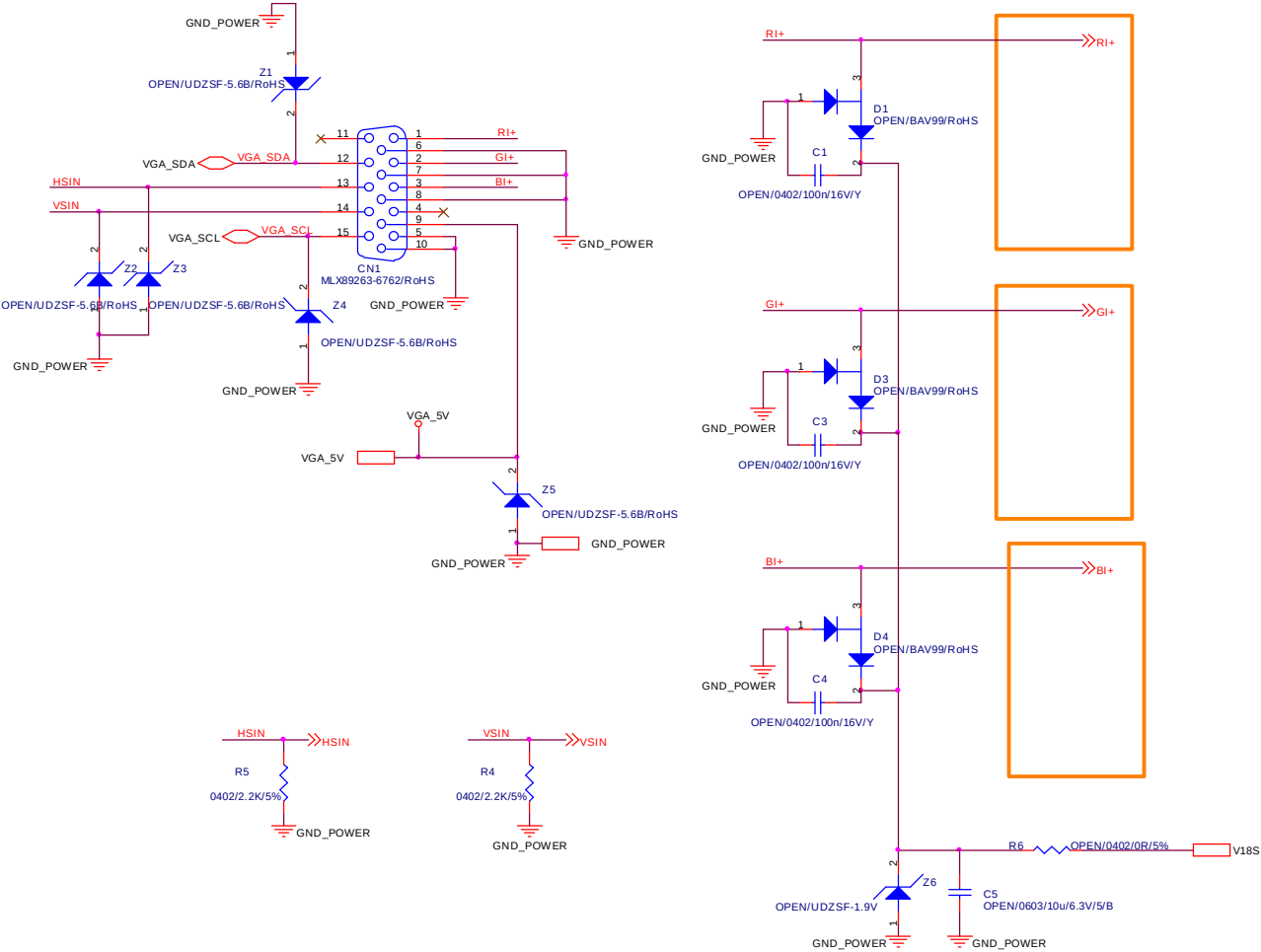


8. Schematic Diagrams

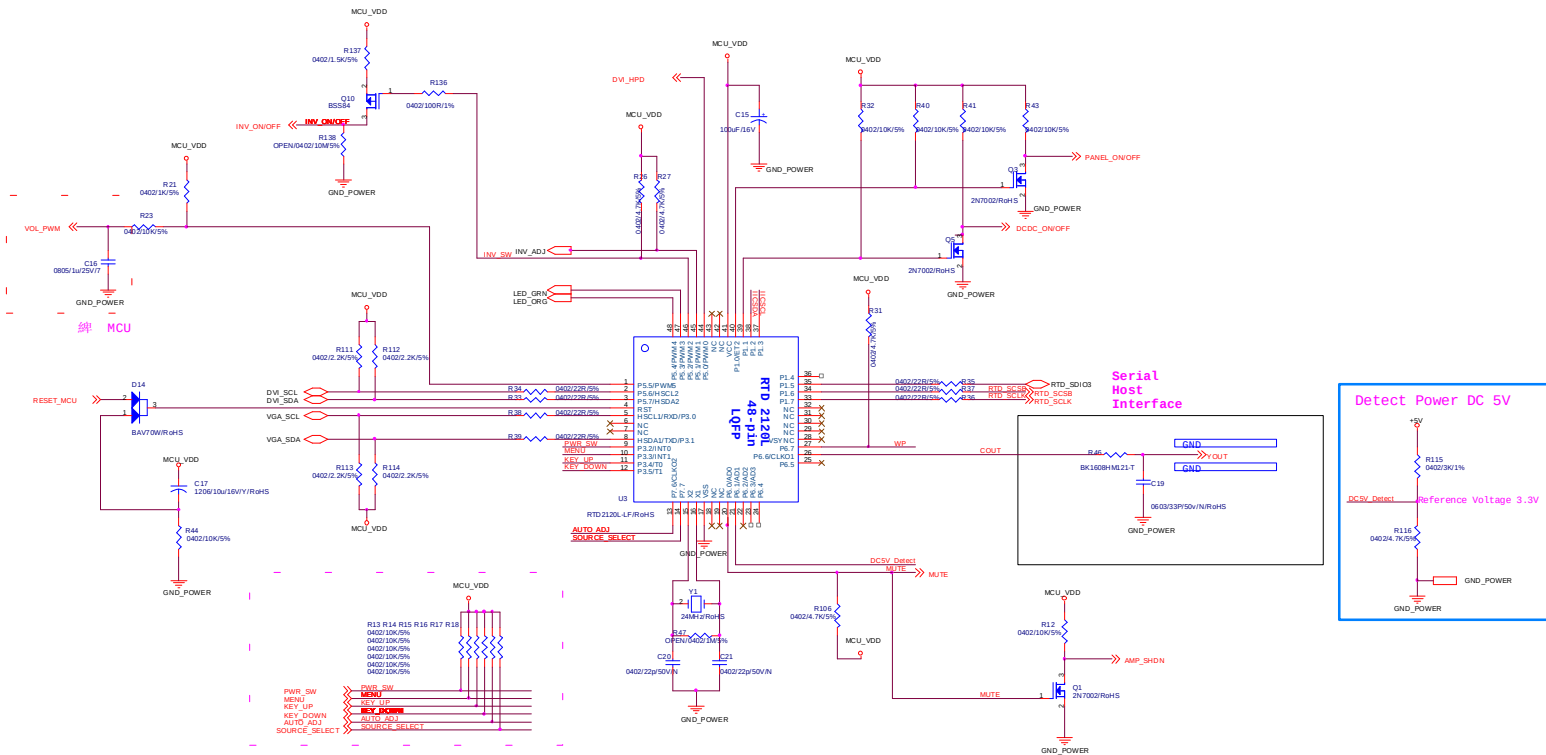
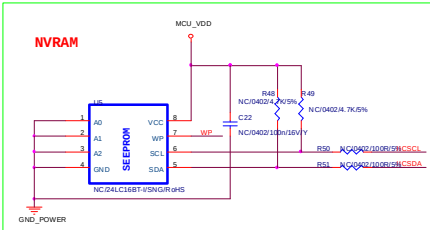
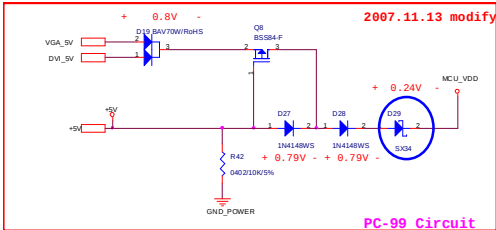
8.1 main board

8.2 power board

Main board
VGA



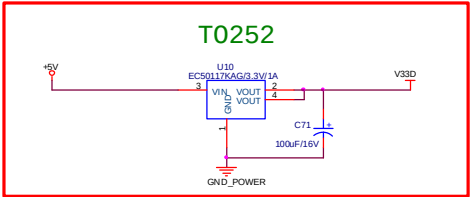
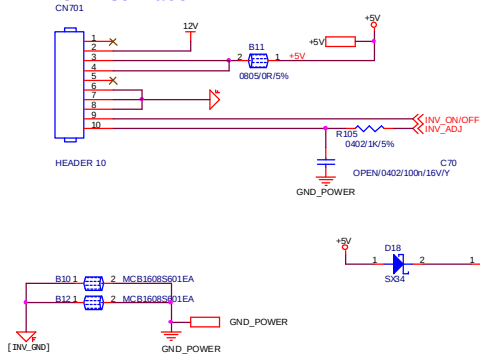
MCU





INTERFACE

LIPS Interface



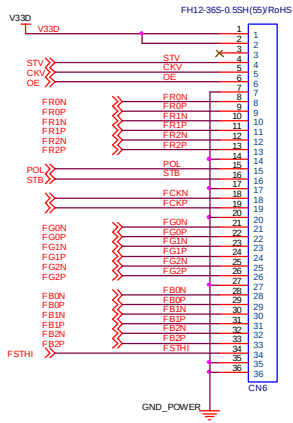
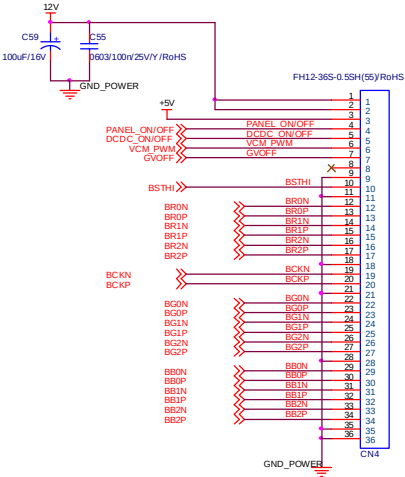
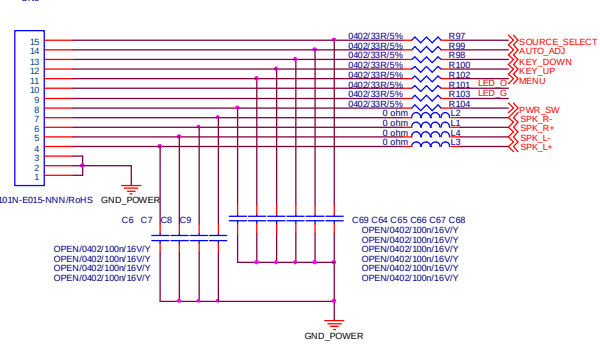
T0252

SOT-223

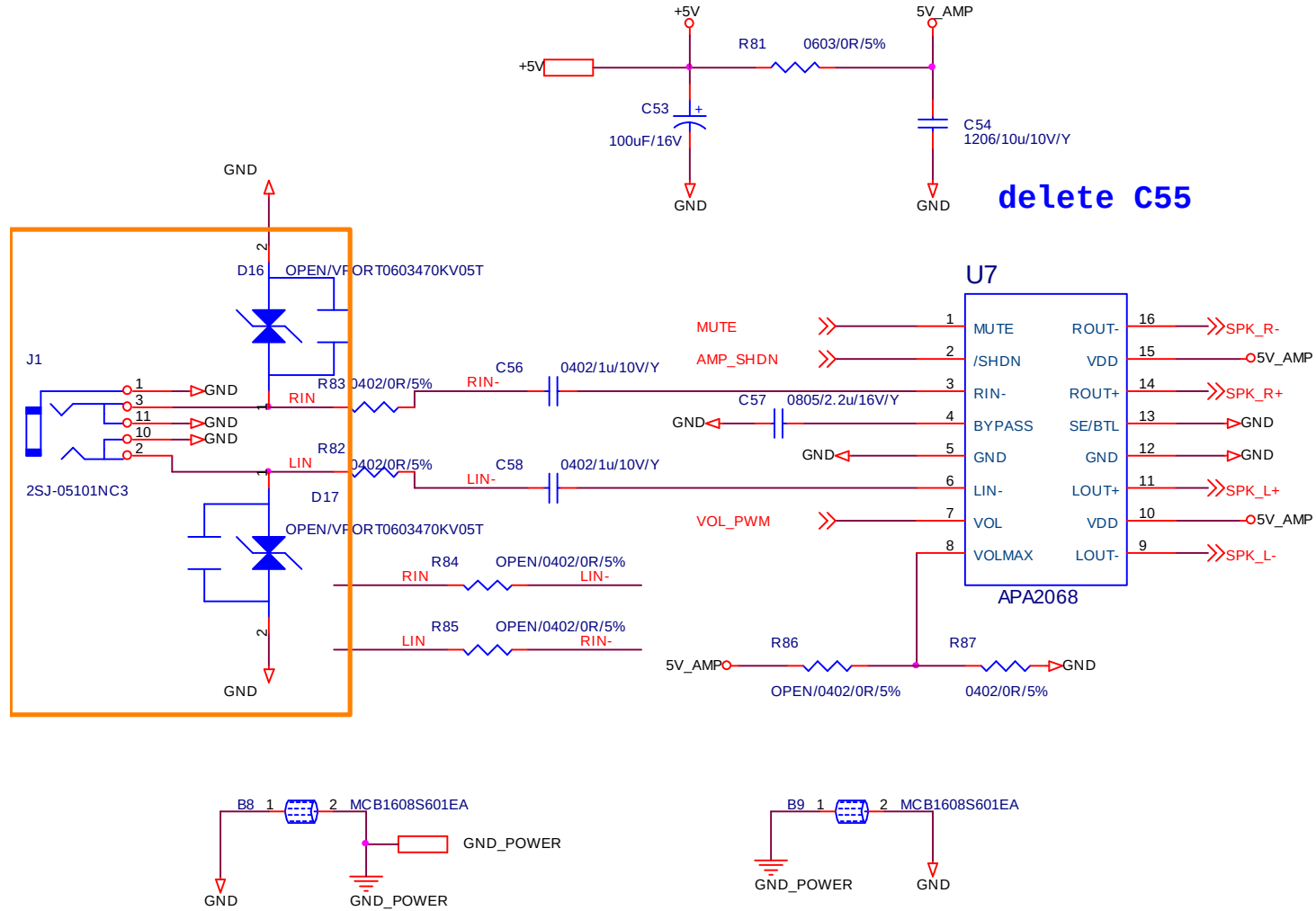
delete C72,C73

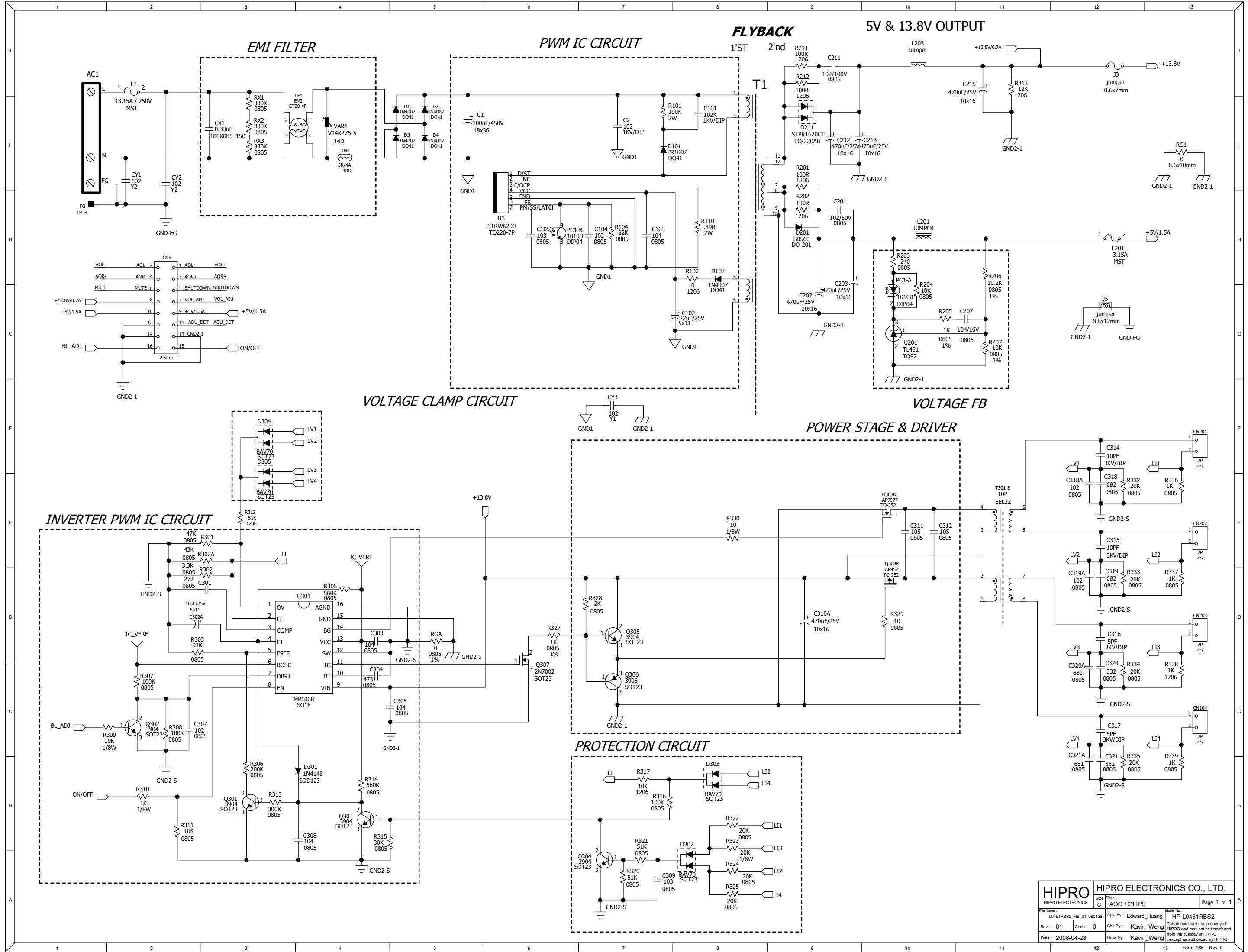
CN5

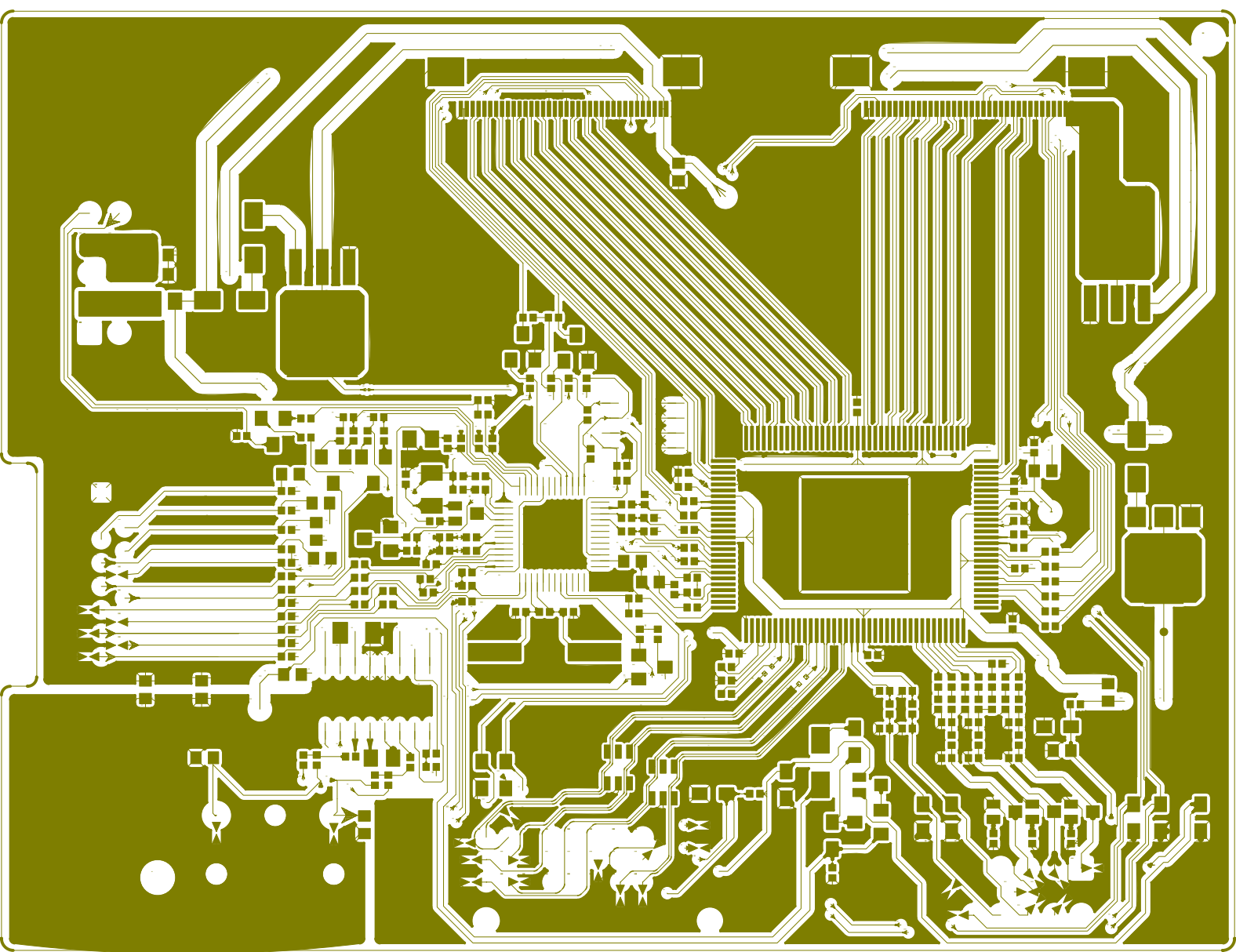
OSD Interface



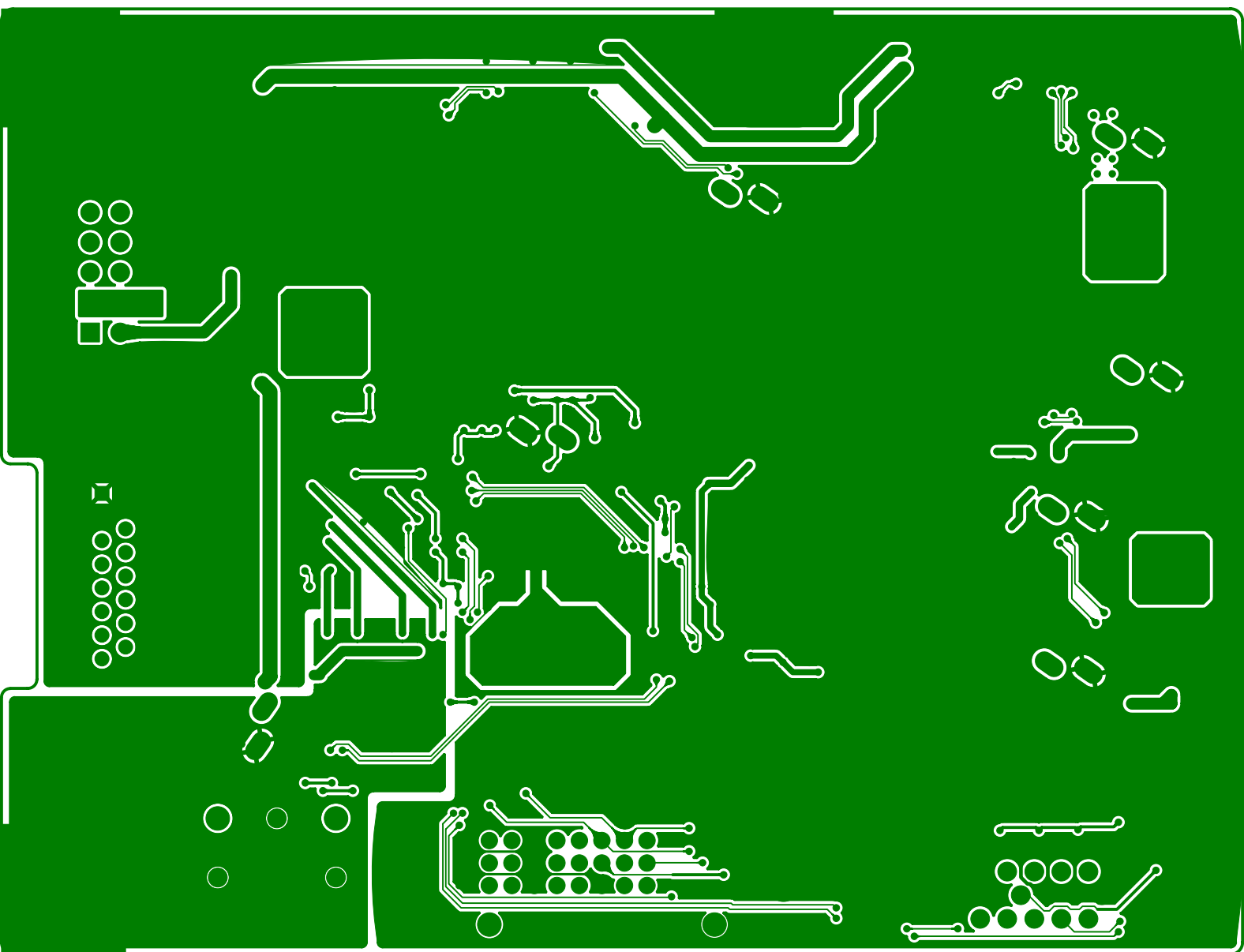
AUDIO



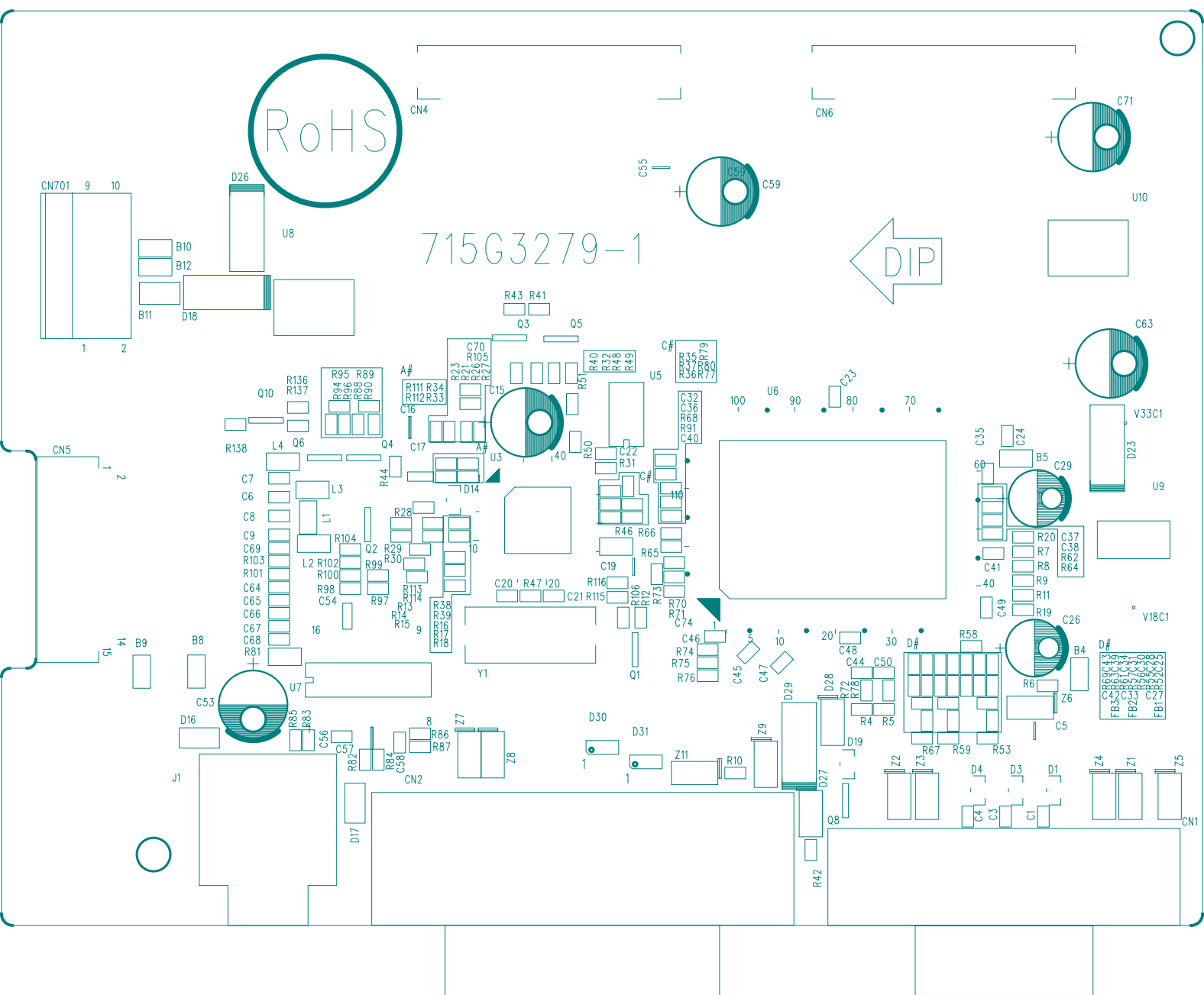




Artwork Component Side

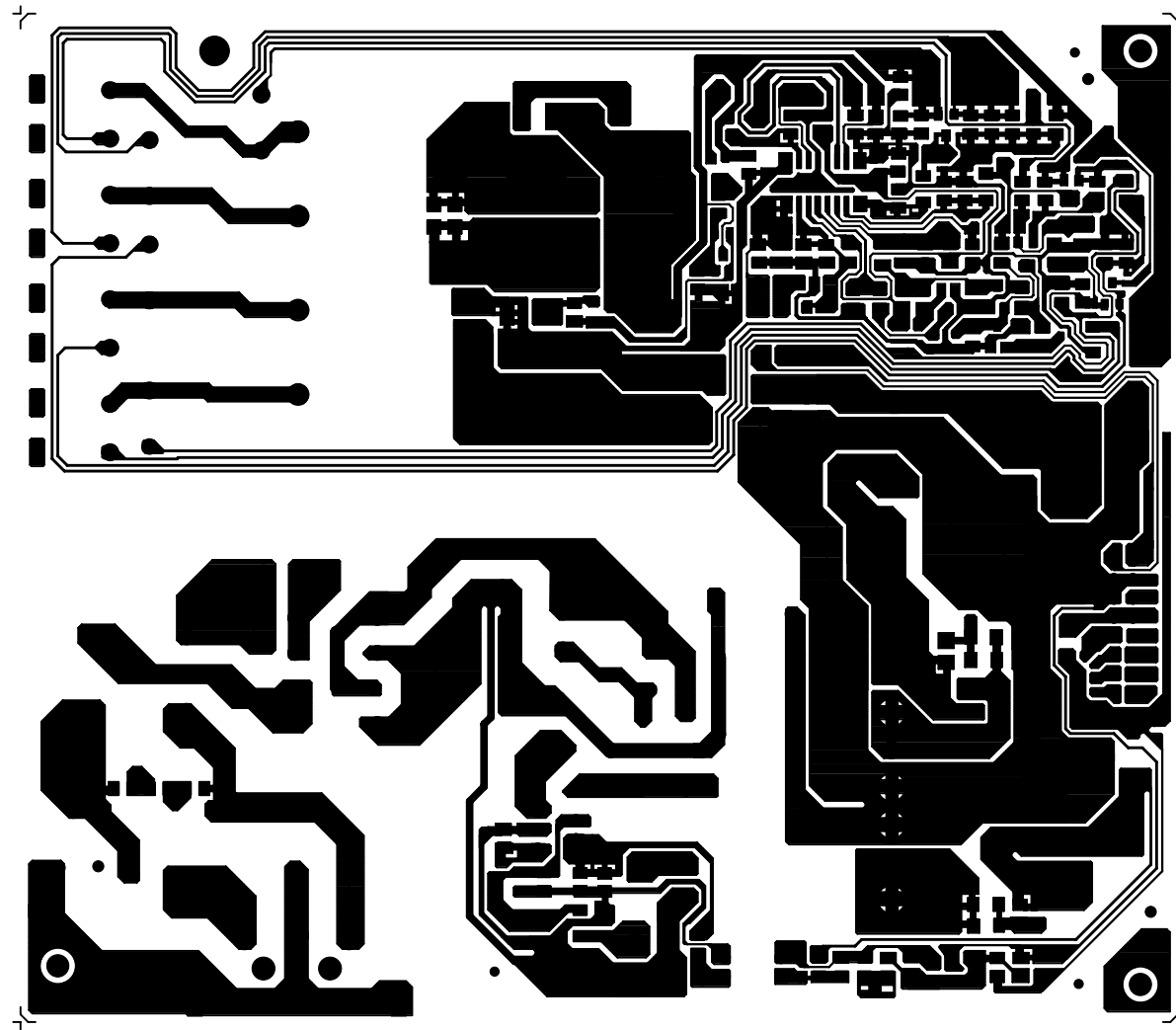


Artwork Solder Side

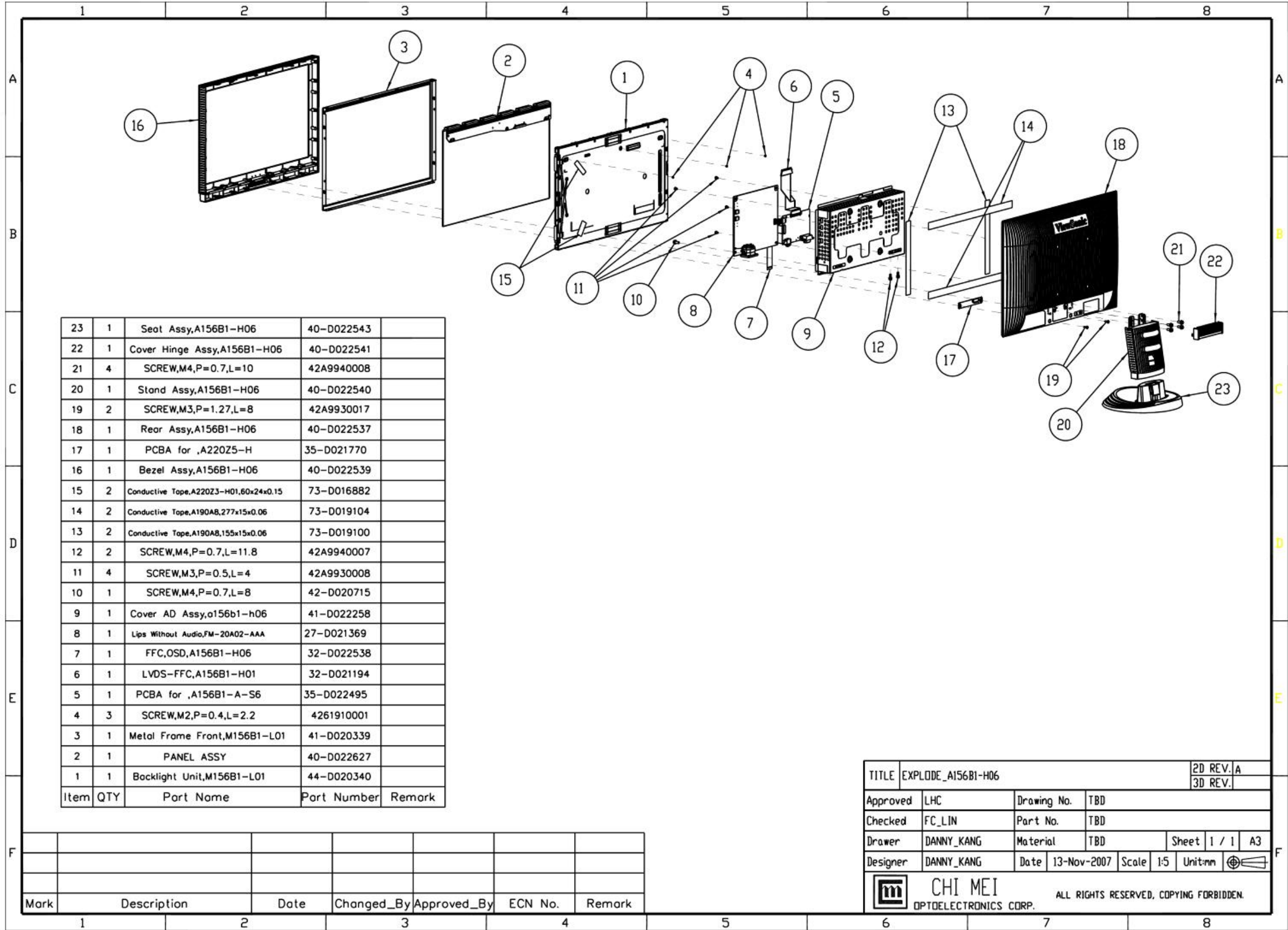


Silkscreen TOP

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		PREPARE :	JOLIN CHEN	SIDE NAME :	MOTTO R3DJ02



10. Exploded Diagram and Exploded Parts List



T96MRADKIWVSNNN

ViewSonic Model Number:VA1926w-9(refresh)

Rev:

Item	ViewSonic P/N	Ref. P/N	Description	Q'ty
1		750GLM90KA212C000Q	PANELA190A2 90 CMO CONSIGN/SJ0A121D01	1
2		0M1G 330 4120	SCREW 42A9930008	3
3		080G L19 6HIC	POWER BOARD	1
4		089G176J 36N00	FFC CABLE 36P 103MM/32-D011012	2
5		CBPCRRLVSQ3	CONVERSION BOARD	1
6		N85G0007 1 WQ	COVER AD 41-D021311	1
7		0M1G1740 8120	SCREW FOR STD/MF 42-D020715/42-D000649	1
8		002G6008 2	SCREW 42-D015647	4
9		N34G0077 ZK 1B	BEZEL 40-D018270 BEZEL	1
10		N15G0009 1 ZA	Support plate 41-D018266	1
11		N34G0084 ZK 1B	REAR 40-D018839	1
12		KEPC8QS6	KEY BOARD	1
13		N33G0035 1P	LENS 40-D018272	1
14		N33G0034 ZN 1B	KEYPAD 40-D018263	1
15		089G176W 15502	FFC (Keypad)	1
16		N34G0083 ZK 1B CM	STAND_HOLDER 40-D018273	2
17		0Q1G 330 10120	SCREW FOR FP/RC 42-D003792	4
18		N34G0082 ZK 1B CM	STAND_BACK 40-D018271	1
19		N34G0081 ZK 1B CM	STAND FRONT 40-D018260	1
20		N34G0162 NB 1B FJ	SEAT 40-D022639	1
21		N12G6300002 SX	RUBBER 40A1769201	5

11. Recommended Spare Parts List

T96MRADDIWVSNN

Location	Part No.	Description	Remark
	750GLM90KA212C000Q	PANELA190A2 90 CMO CONSIGN/SJ0A121D01	
	N15G0009 1 ZA	Support plate 41-D018266	
	0Q1G 330 5120	SCREW 42-D003574	
	0M1G4340 10120	SCREW 42A9940013	
	P45G 77001	Enlace film	
	N45G 52001	PE SHEET	
	N45G 88607005 HQ	PE BAG 78-D018384	
	N44G9007 1 DD	CUSHION BOTTOM 78-D018484	
	N44G9007 2 DD	CUSHION TOP 78-D018485	
	0M1G1740 8120	SCREW FOR STD/MF 42-D020715/42-D000649	
	0M1G 330 4120	SCREW 42A9930008	
	002G6008 2	SCREW 42-D015647	
	N52G6020002 HB	panel protector film	
	N85G0006 1 JZ	COVER AD	
	N52G 2191 01	TAPE /7345911004	
	N52G 1VSC002 HY	Security Tape- 7345511002	
Europe	N40G000196867A	S/N LABEL FOR VIEWSONIC	
Europe/China	N40G0001968 2A	S/N LABEL 7741513161	
	N44G9003185	CORNER PAPER 7841595111/78-D004862	
	N44G9003 80	CORNER PAPER 78-D004868	
	N07G0004 1 RW	PALLET 78-D003113	
	N44G9003 90	CORNER PAPER 7841795141	
Europe	N44G9007968 5A	A1916w CARTON for world wide	
	050G 600 1 W	WHITE STRAP	
	N44G9007VSC 1A	Shipping Draw- 79-D018282	
Europe	089G410A18N IS	POWER CORD 32E1818020	
	N40G000296823A	HG LABEL- 77-D022377	
	N40G000196855A	CARTON LABEL	
	089G 728HAA DB	D-SUB CABLE	
	N40G000296838A	Energy Star Label	
	750GLM90KA292C000Q	PANEL A190A2 CMO/SJ0A12AD01	
	CBPCRRLVSQ4	CONVERSION BOARD	
	KEPC8QS6	KEY BOARD	
	N41G900296833A	MANUAL	
Europe	N40G 19N96839A	SAFETY LABEL	
	N40G000296810A	LABEL HI-POT-PASS 77-D005237	

	EDIDVSC19A011	CHECKSUM 0XCB	
	N52G6032 17001 HB	mylar	
	705GN834407 FJ	Bezel Ass'y 40-D019525	
	N34G0079 ZK 1B CM	COVER HINGE 40-D018256	
	N34G0162 NB 1B YJ	SEAT 40-D018269	
	N34G0081 ZK 1B CM	STAND FRONT 40-D018260	
	N34G0082 ZK 1B CM	STAND_BACK 40-D018271	
	N34G0083 ZK 1B CM	STAND_HOLDER 40-D018273	
	N12G6300003 SX	RUBBER_CAP 40-D000227	
	705GN834417 CM	BEZEL ASS'Y 40-D018240	
	N23G3155709 1A	VIEWSONIC NAME PLATE 77-D000224	
	N23G3178712 1A	VSC-BIRD-LOGO 77-D020778	
	N34G0092 ZK 1B FJ	COVER_HINGE 40-D022638	
	N15G0010 1 FH	SEAT_PLATE 41-D018262	
	0Q1G 130 8120	SCREW 42A9930011	
	N12G6300002 SX	RUBBER 40A1769201	
	N37G0028 1 CX	HINGE 41-D018268	
	N34G0163 NB 1B FJ	STAND_HOLDER 40-D022637	
	0Q1G 330 10120	SCREW FOR FP/RC 42-D003792	
	N34G0164 NB 1B FJ	STAND_BACK 40-D022641	
	N34G0165 NB 1B FJ	STAND_FRONT 40-D022636	
	N34G0091 ZK 1B CM	REAR 40-D018254	
	N34G0162 NB 1B FJ	SEAT 40-D022639	
	N34G0091 ZK 1B FJ	REAR	
	052G 1207 A	Conductive Tape 45mm *25mm *0.08mm	
	N52G 1211002 HB	Conductive Tape 90mm *24mm *0.06mm	
	089G 728GAA DB	D-SUB CABLE	
	080G L19 6HIC	POWER BOARD	
	089G176W 15502	FFC (Keypad)	
	089G176J 36N00	FFC CABLE 36P 103MM/32-D011012	
Europe	089G404A18N YH	POWER CORD(32E1818018/32-D022217)	
Europe	089G421A18N IS	POWER CORD/32-D022217	
	BIOS19R00701	RTD2554V_CMO_RSIDS_A_V009, checksum 0XB6	
	N45G 88606012 DS	pe bag for base	
	N33G0076NA7 1P FJ	LENS 40-D022640	
	N33G0077 NV 1B FJ	KEYPAD 40-D022635	
	N34G0173 ZK 1B FJ	DECORATION 40-D022642	
	N34G0174 ZK 1B FJ	BEZEL 40-D019531	
	N33G0035 1P	LENS 40-D018272	

	N33G0034 ZN 1B	KEYPAD 40-D018263	
	N34G0078 ZNA1B	DECORATION 40-D018267	
	N34G0077 ZK 1B	BEZEL 40-D018270 BEZEL	
CN5	033G801915T H	CONNECTOR	
CN701	033G8022 10 H CMO	HEADER FEMALE 10P 2.5PITCH	
CN1	088G 35315F H	D-SUB 15PIN	
C26	067G305V100 3	105℃ 10UF +-20% 16V	
C29	067G305V100 3	105℃ 10UF +-20% 16V	
	SMTCRRLVSQ2	MAIN BOARD	
	040G 45762412B	CBPC LABEL	
C71	067G305V101 4P	CAP 105C 100UF M 25V 6.3*11	
C63	067G305V101 4P	CAP 105C 100UF M 25V 6.3*11	
C15	067G305V101 4P	CAP 105C 100UF M 25V 6.3*11	
C59	067G305V101 4P	CAP 105C 100UF M 25V 6.3*11	
CN6	033G801936Y H HC	0.5 PITCH 36P SMT FPC CONN	
CN4	033G801936Y H HC	0.5 PITCH 36P SMT FPC CONN	
U6	056G 562578CMO	IC,Scaler,RTD2554VH-GR,QFP-128	
U10	056G 563 52	IC AP1117D33L-13 TO252-3L DIODES	
U8	056G 563 52	IC AP1117D33L-13 TO252-3L DIODES	
U9	056G 563113	IC G1117-18T63Uf 1A/1.8V SOT-223	
U3	056G1125701 X	IC MCU RTD2120L-LF REALTEK	
Q6	057G 417517	LMBT3906LT1G SOT-23 BY LRC	
Q4	057G 417517	LMBT3906LT1G SOT-23 BY LRC	
Q1	057G 759 2A	TANSISTOR 2N7002 SOT-23	
Q3	057G 759 2A	TANSISTOR 2N7002 SOT-23	
Q5	057G 759 2A	TANSISTOR 2N7002 SOT-23	
Q10	057G 763 59	FET BSS84 -0.13A/-50V SOT-23	
Q8	057G 763 59	FET BSS84 -0.13A/-50V SOT-23	
R29	061G0402000	RST CHIP MAX 0R05 1/16W	
R136	061G0402100 0F	RST CHIPR 100 OHM +-1% 1/16W	
R72	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R69	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R63	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R61	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R57	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R56	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R55	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R52	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R39	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R38	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	

R78	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R76	061G0402102	RST CHIPR 1 KOHM +-5% 1/16W	
R70	061G0402102	RST CHIPR 1 KOHM +-5% 1/16W	
R21	061G0402102	RST CHIPR 1 KOHM +-5% 1/16W	
R105	061G0402102	RST CHIPR 1 KOHM +-5% 1/16W	
R95	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R89	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R71	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R44	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R43	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R42	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R41	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R40	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R32	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R23	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R18	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R17	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R16	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R15	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R14	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R13	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R12	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R137	061G0402152	RST CHIP 1K5 1/16W 5%	
R36	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R37	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R62	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R64	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R68	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R7	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R8	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R9	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R91	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R35	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R20	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R19	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R11	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R94	061G0402221	RST CHIPR 220 OHM +-5% 1/16W	
R88	061G0402221	RST CHIPR 220 OHM +-5% 1/16W	
R113	061G0402222	RST CHIPR 2.2 KOHM +-5% 1/16W	
R5	061G0402222	RST CHIPR 2.2 KOHM +-5% 1/16W	

R4	061G0402222	RST CHIPR 2.2 KOHM +-5% 1/16W	
R114	061G0402222	RST CHIPR 2.2 KOHM +-5% 1/16W	
R115	061G0402240 1F	RST CHIPR 0402 2.4K OHM +-1% 1/16W	
R73	061G0402303	RST CHIPR 30 KOHM +-5% 1/16W	
R99	061G0402330	RST CHIPR 33 OHM +-5% 1/16W	
R98	061G0402330	RST CHIPR 33 OHM +-5% 1/16W	
R97	061G0402330	RST CHIPR 33 OHM +-5% 1/16W	
R104	061G0402330	RST CHIPR 33 OHM +-5% 1/16W	
R103	061G0402330	RST CHIPR 33 OHM +-5% 1/16W	
R102	061G0402330	RST CHIPR 33 OHM +-5% 1/16W	
R101	061G0402330	RST CHIPR 33 OHM +-5% 1/16W	
R100	061G0402330	RST CHIPR 33 OHM +-5% 1/16W	
R77	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R79	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R80	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R90	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R96	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R75	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R74	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R31	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R27	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R26	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R116	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R67	061G0402750	RST CHIPR 75 OHM +-5% 1/16W	
R59	061G0402750	RST CHIPR 75 OHM +-5% 1/16W	
R53	061G0402750	RST CHIPR 75 OHM +-5% 1/16W	
B11	061G0805000	RST CHIP MAX 0R05 1/8W	
D26	061G1206000	RST CHIP MAX 0R05 1/4W	
D23	061G1206000	RST CHIP MAX 0R05 1/4W	
C70	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C47	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C46	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C48	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C74	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C49	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C45	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C41	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C40	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C38	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C37	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	

C36	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C35	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C32	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C24	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C23	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C50	065G0402120 31	CAP CHIP 0402 12P 50V NPO	
C20	065G0402220 31	CHIP 22PF 50V NPO	
C21	065G0402220 31	CHIP 22PF 50V NPO	
C44	065G0402220 31	CHIP 22PF 50V NPO	
C25	065G0402473 17	CAP CHIP 0402 47nF K 16V Y5V	
C28	065G0402473 17	CAP CHIP 0402 47nF K 16V Y5V	
C30	065G0402473 17	CAP CHIP 0402 47nF K 16V Y5V	
C31	065G0402473 17	CAP CHIP 0402 47nF K 16V Y5V	
C34	065G0402473 17	CAP CHIP 0402 47nF K 16V Y5V	
C39	065G0402473 17	CAP CHIP 0402 47nF K 16V Y5V	
C43	065G0402473 17	CAP CHIP 0402 47nF K 16V Y5V	
C19	065G0603330 31	CER1 0603 NP0 50V 33P PM	
C16	065G0805105 22	CAP CHIP 0805 1uF K 25V X7R	
C17	065G1206106 17	MLCC 10 UF Z 16V Y5V	
FB1	071G 42U100 TS	CHIP BEAD 0402 10ohm+-25% 0.5A	
FB2	071G 42U100 TS	CHIP BEAD 0402 10ohm+-25% 0.5A	
FB3	071G 42U100 TS	CHIP BEAD 0402 10ohm+-25% 0.5A	
R46	071G 59M121 Y	CHIP BEAD 0603 120ohm+-25% 0.35A	
L4	071G 59S221 M	CHIP BEAD 0603 220ohm+-25% 2A	
L3	071G 59S221 M	CHIP BEAD 0603 220ohm+-25% 2A	
L2	071G 59S221 M	CHIP BEAD 0603 220ohm+-25% 2A	
L1	071G 59S221 M	CHIP BEAD 0603 220ohm+-25% 2A	
B5	071G 59U601 TS	CHIP BEAD 0603 600ohm+-25% 0.2A	
B4	071G 59U601 TS	CHIP BEAD 0603 600ohm+-25% 0.2A	
B12	071G 59U601 TS	CHIP BEAD 0603 600ohm+-25% 0.2A	
B10	071G 59U601 TS	CHIP BEAD 0603 600ohm+-25% 0.2A	
Y1	093G 22S509CMO	Crystal SMD-49,24MHz,30pF H=4.1 mm CMO	
D19	093G 64S503CMO	BAV70W,SOT-323(SC-70),Pan Jit CMO	
D14	093G 64S503CMO	BAV70W,SOT-323(SC-70),Pan Jit CMO	
D27	093G 64S523SEM	DIODE 1N4148WS SEMTECH	
D28	093G 64S523SEM	DIODE 1N4148WS SEMTECH	
D18	093G3004 3	SM340A	
D29	093G3004 3	SM340A	
	715G3279 2	MAIN PCB FR-4 105X80X1.0mm DS	
	SMTKEPC7QO1	KEY BOARD FOR SMT	

CN1	033G8019 2CMO	CONN.25-D000187	
SW1	077G 606501 CJ	TACT SWITCH	
SW2	077G 606501 CJ	TACT SWITCH	
SW3	077G 606501 CJ	TACT SWITCH	
SW4	077G 606501 CJ	TACT SWITCH	
SW5	077G 606501 CJ	TACT SWITCH	
D1	081G 630 1 GP	LED GPTS0603OC3-PB	
D2	081G0603 B GP	LED GPTS06033BC1 GP	
	715G3032 1	KEY PCB FR-4 76x11.8x1.0mm DS	
CN1	033G8019 2JCMO	CONNECTOR 1.0pitch SMT 15p	

T96MRYDDIWVWNND

Location	Part No.	Description	Remark
		PANELA190A2 90 CMO	
	750GLM90KA212C000Q	CONSIGN/SJ0A121D01	
	N15G0009 1 ZA	Support plate 41-D018266	
	0Q1G 330 5120	SCREW 42-D003574	
	0M1G4340 10120	SCREW 42A9940013	
	P45G 77001	Enlace film	
	N45G 52001	PE SHEET	
	N45G 88607005 HQ	PE BAG 78-D018384	
	N44G9007 1 DD	CUSHION BOTTOM 78-D018484	
	N44G9007 2 DD	CUSHION TOP 78-D018485	
	0M1G1740 8120	SCREW FOR STD/MF 42-D020715/42-D000649	
	0M1G 330 4120	SCREW 42A9930008	
	002G6008 2	SCREW 42-D015647	
	N52G6020002 HB	panel protector film	
	N85G0006 1 JZ	COVER AD	
	N52G 2191 01	TAPE /7345911004	
	N52G 1VSC002 HY	Security Tape- 7345511002	
	N40G000196868A	S/N LABEL	
	N40G0001968 2A	S/N LABEL 7741513161	
	N44G9003185	CORNER PAPER 7841595111/78-D004862	
	N44G9003 80	CORNER PAPER 78-D004868	
	N07G0004 1 RW	PALLET 78-D003113	
	N44G9003 90	CORNER PAPER 7841795141	
	N44G9007968 2A	CARTON FOR China- 78-D018443	
	050G 600 1 W	WHITE STRAP	
	N44G9007VSC 1A	Shipping Draw- 79-D018282	
	N40G000296823A	HG LABEL- 77-D022377	

	N40G000196855A	CARTON LABEL	
	089G 728HAA DB	D-SUB CABLE	
	N40G000296838A	Energy Star Label	
	750GLM90KA292C000Q	PANEL A190A2 CMO/SJ0A12AD01	
	CBPCRRRLVSQ4	CONVERSION BOARD	
	KEPC8QS6	KEY BOARD	
	N41G900296833A	MANUAL	
	F40G 19N96839A	SAFETY LABEL	
	N40G000296810A	LABEL HI-POT-PASS 77-D005237	
	EDIDVSC19A011	CHECKSUM 0XCB	
	N52G6032 17001 HB	mylar	
	705GN834407 FJ	Bezel Ass'y 40-D019525	
	N34G0079 ZK 1B CM	COVER HINGE 40-D018256	
	N34G0162 NB 1B YJ	SEAT 40-D018269	
	N34G0081 ZK 1B CM	STAND FRONT 40-D018260	
	N34G0082 ZK 1B CM	STAND_BACK 40-D018271	
	N34G0083 ZK 1B CM	STAND_HOLDER 40-D018273	
	N12G6300003 SX	RUBBER_CAP 40-D000227	
	705GN834417 CM	BEZEL ASS'Y 40-D018240	
	N23G3155709 1A	VIEWSONIC NAME PLATE 77-D000224	
	N23G3178712 1A	VSC-BIRD-LOGO 77-D020778	
	N34G0092 ZK 1B FJ	COVER_HINGE 40-D022638	
	N15G0010 1 FH	SEAT_PLATE 41-D018262	
	0Q1G 130 8120	SCREW 42A9930011	
	N12G6300002 SX	RUBBER 40A1769201	
	N37G0028 1 CX	HINGE 41-D018268	
	N34G0163 NB 1B FJ	STAND_HOLDER 40-D022637	
	0Q1G 330 10120	SCREW FOR FP/RC 42-D003792	
	N34G0164 NB 1B FJ	STAND_BACK 40-D022641	
	N34G0165 NB 1B FJ	STAND_FRONT 40-D022636	
	N34G0091 ZK 1B	REAR 40-D018254	
	N34G0162 NB 1B FJ	SEAT 40-D022639	
	089G 728GAA DB	D-SUB CABLE	
	089G414A18N YH	POWER CORD(32E1818021)	
	089G414A18N IS	POWER CORD 32E1818021	
	N40G000296813B ZA	QC PASS LABEL	
	F40G000296821A ZA	Supplier label	
	N40G000296811C ZA	Customer label on Carton	
	N41G780P968 1A	WARRANTY CARD- 78-D021250	
	052G 1207 A	Conductive Tape 45mm *25mm *0.08mm	

	N52G 1211002 HB	Conductive Tape 90mm *24mm *0.06mm	
	080G L19 6HIC	POWER BOARD	
	089G176W 15502	FFC (Keypad)	
	089G176J 36N00	FFC CABLE 36P 103MM/32-D011012	
	BIOS19R00701	RTD2554V_CMO_RSDS_A_V009, checksum 0XB6	
	N45G 88606012 DS	pe bag for base	
	N33G0076NA7 1P FJ	LENS 40-D022640	
	N33G0077 NV 1B FJ	KEYPAD 40-D022635	
	N34G0173 ZK 1B FJ	DECORATION 40-D022642	
	N34G0174 ZK 1B FJ	BEZEL 40-D019531	
	N33G0035 1P	LENS 40-D018272	
	N33G0034 ZN 1B	KEYPAD 40-D018263	
	N34G0078 ZNA1B	DECORATION 40-D018267	
	N34G0077 ZK 1B	BEZEL 40-D018270 BEZEL	
CN5	033G801915T H	CONNECTOR	
CN701	033G8022 10 H CMO	HEADER FEMALE 10P 2.5PITCH	
CN1	088G 35315F H	D-SUB 15PIN	
C26	067G305V100 3	105℃ 10UF +-20% 16V	
C29	067G305V100 3	105℃ 10UF +-20% 16V	
	SMTCRRLVSQ2	MAIN BOARD	
	040G 45762412B	CBPC LABEL	
C71	067G305V101 4P	CAP 105C 100UF M 25V 6.3*11	
C63	067G305V101 4P	CAP 105C 100UF M 25V 6.3*11	
C15	067G305V101 4P	CAP 105C 100UF M 25V 6.3*11	
C59	067G305V101 4P	CAP 105C 100UF M 25V 6.3*11	
CN6	033G801936Y H HC	0.5 PITCH 36P SMT FPC CONN	
CN4	033G801936Y H HC	0.5 PITCH 36P SMT FPC CONN	
U6	056G 562578CMO	IC,Scaler,RTD2554VH-GR,QFP-128	
U10	056G 563 52	IC AP1117D33L-13 TO252-3L DIODES	
U8	056G 563 52	IC AP1117D33L-13 TO252-3L DIODES	
U9	056G 563113	IC G1117-18T63Uf 1A/1.8V SOT-223	
U3	056G1125701 X	IC MCU RTD2120L-LF REALTEK	
Q6	057G 417517	LMBT3906LT1G SOT-23 BY LRC	
Q4	057G 417517	LMBT3906LT1G SOT-23 BY LRC	
Q1	057G 759 2A	TANSISTOR 2N7002 SOT-23	
Q3	057G 759 2A	TANSISTOR 2N7002 SOT-23	
Q5	057G 759 2A	TANSISTOR 2N7002 SOT-23	
Q10	057G 763 59	FET BSS84 -0.13A/-50V SOT-23	
Q8	057G 763 59	FET BSS84 -0.13A/-50V SOT-23	

R29	061G0402000	RST CHIP MAX 0R05 1/16W	
R136	061G0402100 0F	RST CHIPR 100 OHM +-1% 1/16W	
R72	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R69	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R63	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R61	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R57	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R56	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R55	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R52	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R39	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R38	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R78	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R76	061G0402102	RST CHIPR 1 KOHM +-5% 1/16W	
R70	061G0402102	RST CHIPR 1 KOHM +-5% 1/16W	
R21	061G0402102	RST CHIPR 1 KOHM +-5% 1/16W	
R105	061G0402102	RST CHIPR 1 KOHM +-5% 1/16W	
R95	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R89	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R71	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R44	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R43	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R42	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R41	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R40	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R32	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R23	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R18	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R17	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R16	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R15	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R14	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R13	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R12	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R137	061G0402152	RST CHIP 1K5 1/16W 5%	
R36	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R37	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R62	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R64	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R68	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	

R7	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R8	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R9	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R91	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R35	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R20	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R19	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R11	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R94	061G0402221	RST CHIPR 220 OHM +-5% 1/16W	
R88	061G0402221	RST CHIPR 220 OHM +-5% 1/16W	
R113	061G0402222	RST CHIPR 2.2 KOHM +-5% 1/16W	
R5	061G0402222	RST CHIPR 2.2 KOHM +-5% 1/16W	
R4	061G0402222	RST CHIPR 2.2 KOHM +-5% 1/16W	
R114	061G0402222	RST CHIPR 2.2 KOHM +-5% 1/16W	
R115	061G0402240 1F	RST CHIPR 0402 2.4K OHM +-1% 1/16W	
R73	061G0402303	RST CHIPR 30 KOHM +-5% 1/16W	
R99	061G0402330	RST CHIPR 33 OHM +-5% 1/16W	
R98	061G0402330	RST CHIPR 33 OHM +-5% 1/16W	
R97	061G0402330	RST CHIPR 33 OHM +-5% 1/16W	
R104	061G0402330	RST CHIPR 33 OHM +-5% 1/16W	
R103	061G0402330	RST CHIPR 33 OHM +-5% 1/16W	
R102	061G0402330	RST CHIPR 33 OHM +-5% 1/16W	
R101	061G0402330	RST CHIPR 33 OHM +-5% 1/16W	
R100	061G0402330	RST CHIPR 33 OHM +-5% 1/16W	
R77	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R79	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R80	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R90	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R96	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R75	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R74	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R31	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R27	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R26	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R116	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R67	061G0402750	RST CHIPR 75 OHM +-5% 1/16W	
R59	061G0402750	RST CHIPR 75 OHM +-5% 1/16W	
R53	061G0402750	RST CHIPR 75 OHM +-5% 1/16W	
B11	061G0805000	RST CHIP MAX 0R05 1/8W	
D26	061G1206000	RST CHIP MAX 0R05 1/4W	

D23	061G1206000	RST CHIP MAX 0R05 1/4W	
C70	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C47	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C46	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C48	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C74	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C49	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C45	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C41	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C40	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C38	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C37	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C36	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C35	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C32	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C24	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C23	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C50	065G0402120 31	CAP CHIP 0402 12P 50V NPO	
C20	065G0402220 31	CHIP 22PF 50V NPO	
C21	065G0402220 31	CHIP 22PF 50V NPO	
C44	065G0402220 31	CHIP 22PF 50V NPO	
C25	065G0402473 17	CAP CHIP 0402 47nF K 16V Y5V	
C28	065G0402473 17	CAP CHIP 0402 47nF K 16V Y5V	
C30	065G0402473 17	CAP CHIP 0402 47nF K 16V Y5V	
C31	065G0402473 17	CAP CHIP 0402 47nF K 16V Y5V	
C34	065G0402473 17	CAP CHIP 0402 47nF K 16V Y5V	
C39	065G0402473 17	CAP CHIP 0402 47nF K 16V Y5V	
C43	065G0402473 17	CAP CHIP 0402 47nF K 16V Y5V	
C19	065G0603330 31	CER1 0603 NP0 50V 33P PM	
C16	065G0805105 22	CAP CHIP 0805 1uF K 25V X7R	
C17	065G1206106 17	MLCC 10 UF Z 16V Y5V	
FB1	071G 42U100 TS	CHIP BEAD 0402 10ohm+-25% 0.5A	
FB2	071G 42U100 TS	CHIP BEAD 0402 10ohm+-25% 0.5A	
FB3	071G 42U100 TS	CHIP BEAD 0402 10ohm+-25% 0.5A	
R46	071G 59M121 Y	CHIP BEAD 0603 120ohm+-25% 0.35A	
L4	071G 59S221 M	CHIP BEAD 0603 220ohm+-25% 2A	
L3	071G 59S221 M	CHIP BEAD 0603 220ohm+-25% 2A	
L2	071G 59S221 M	CHIP BEAD 0603 220ohm+-25% 2A	
L1	071G 59S221 M	CHIP BEAD 0603 220ohm+-25% 2A	
B5	071G 59U601 TS	CHIP BEAD 0603 600ohm+-25% 0.2A	

B4	071G 59U601 TS	CHIP BEAD 0603 600ohm+-25% 0.2A	
B12	071G 59U601 TS	CHIP BEAD 0603 600ohm+-25% 0.2A	
B10	071G 59U601 TS	CHIP BEAD 0603 600ohm+-25% 0.2A	
Y1	093G 22S509CMO	Crystal SMD-49,24MHz,30pF H=4.1 mm CMO	
D19	093G 64S503CMO	BAV70W,SOT-323(SC-70),Pan Jit CMO	
D14	093G 64S503CMO	BAV70W,SOT-323(SC-70),Pan Jit CMO	
D27	093G 64S523SEM	DIODE 1N4148WS SEMTECH	
D28	093G 64S523SEM	DIODE 1N4148WS SEMTECH	
D18	093G3004 3	SM340A	
D29	093G3004 3	SM340A	
	715G3279 2	MAIN PCB FR-4 105X80X1.0mm DS	
	SMTKEPC7QO1	KEY BOARD FOR SMT	
CN1	033G8019 2CMO	CONN.25-D000187	
SW1	077G 606501 CJ	TACT SWITCH	
SW2	077G 606501 CJ	TACT SWITCH	
SW3	077G 606501 CJ	TACT SWITCH	
SW4	077G 606501 CJ	TACT SWITCH	
SW5	077G 606501 CJ	TACT SWITCH	
D1	081G 63O 1 GP	LED GPTS0603OC3-PB	
D2	081G0603 B GP	LED GPTS06033BC1 GP	
	715G3032 1	KEY PCB FR-4 76x11.8x1.0mm DS	
CN1	033G8019 2JCMO	CONNECTOR 1.0pitch SMT 15p	

T96MRYDDIWVWNND

Location	Part No.	Description	Remark
		PANELA190A2 90 CMO	
	750GLM90KA212C000Q	CONSIGN/SJ0A121D01	
	N15G0009 1 ZA	Support plate 41-D018266	
	0Q1G 330 5120	SCREW 42-D003574	
	0M1G4340 10120	SCREW 42A9940013	
	P45G 77001	Enlace film	
	N45G 52001	PE SHEET	
	N45G 88607005 HQ	PE BAG 78-D018384	
	N44G9007 1 DD	CUSHION BOTTOM 78-D018484	
	N44G9007 2 DD	CUSHION TOP 78-D018485	
	0M1G1740 8120	SCREW FOR STD/MF 42-D020715/42-D000649	
	0M1G 330 4120	SCREW 42A9930008	
	002G6008 2	SCREW 42-D015647	
	N52G6020002 HB	panel protector film	
	N85G0006 1 JZ	COVER AD	

	N52G 2191 01	TAPE /7345911004	
	N52G 1VSC002 HY	Security Tape- 7345511002	
	N40G000196868A	S/N LABEL	
	N40G0001968 2A	S/N LABEL 7741513161	
	N44G9003185	CORNER PAPER 7841595111/78-D004862	
	N44G9003 80	CORNER PAPER 78-D004868	
	N07G0004 1 RW	PALLET 78-D003113	
	N44G9003 90	CORNER PAPER 7841795141	
	N44G9007968 2A	CARTON FOR China- 78-D018443	
	050G 600 1 W	WHITE STRAP	
	N44G9007VSC 1A	Shipping Draw- 79-D018282	
	N40G000296823A	HG LABEL- 77-D022377	
	N40G000196855A	CARTON LABEL	
	089G 728HAA DB	D-SUB CABLE	
	N40G000296838A	Energy Star Label	
	750GLM90KA292C000Q	PANEL A190A2 CMO/SJ0A12AD01	
	CBPCRRRLVSQ4	CONVERSION BOARD	
	KEPC8QS6	KEY BOARD	
	N41G900296833A	MANUAL	
	F40G 19N96839A	SAFETY LABEL	
	N40G000296810A	LABEL HI-POT-PASS 77-D005237	
	EDIDVSC19A011	CHECKSUM 0XCB	
	N52G6032 17001 HB	mylar	
	705GN834407 FJ	Bezel Ass'y 40-D019525	
	N34G0079 ZK 1B CM	COVER HINGE 40-D018256	
	N34G0162 NB 1B YJ	SEAT 40-D018269	
	N34G0081 ZK 1B CM	STAND FRONT 40-D018260	
	N34G0082 ZK 1B CM	STAND_BACK 40-D018271	
	N34G0083 ZK 1B CM	STAND HOLDER 40-D018273	
	N12G6300003 SX	RUBBER_CAP 40-D000227	
	705GN834417 CM	BEZEL ASS'Y 40-D018240	
	N23G3155709 1A	VIEWSONIC NAME PLATE 77-D000224	
	N23G3178712 1A	VSC-BIRD-LOGO 77-D020778	
	N34G0092 ZK 1B FJ	COVER_HINGE 40-D022638	
	N15G0010 1 FH	SEAT_PLATE 41-D018262	
	0Q1G 130 8120	SCREW 42A9930011	
	N12G6300002 SX	RUBBER 40A1769201	
	N37G0028 1 CX	HINGE 41-D018268	
	N34G0163 NB 1B FJ	STAND HOLDER 40-D022637	
	0Q1G 330 10120	SCREW FOR FP/RC 42-D003792	

	N34G0164 NB 1B FJ	.TAND_BACK 40-D022641	
	N34G0165 NB 1B FJ	STAND_FRONT 40-D022636	
	N34G0091 ZK 1B	REAR 40-D018254	
	N34G0162 NB 1B FJ	SEAT 40-D022639	
	089G 728GAA DB	D-SUB CABLE	
	089G414A18N YH	POWER CORD(32E1818021)	
	089G414A18N IS	POWER CORD 32E1818021	
	N40G000296813B ZA	QC PASS LABEL	
	F40G000296821A ZA	Supplier label	
	N40G000296811C ZA	Customer label on Carton	
	N41G780P968 1A	WARRANTY CARD- 78-D021250	
	052G 1207 A	Conductive Tape 45mm *25mm *0.08mm	
	N52G 1211002 HB	Conductive Tape 90mm *24mm *0.06mm	
	080G L19 6HIC	POWER BOARD	
	089G176W 15502	FFC (Keypad)	
	089G176J 36N00	FFC CABLE 36P 103MM/32-D011012	
	BIOS19R00701	RTD2554V_CMO_RSIDS_A_V009, checksum 0XB6	
	N45G 88606012 DS	pe bag for base	
	N33G0076NA7 1P FJ	LENS 40-D022640	
	N33G0077 NV 1B FJ	KEYPAD 40-D022635	
	N34G0173 ZK 1B FJ	DECORATION 40-D022642	
	N34G0174 ZK 1B FJ	BEZEL 40-D019531	
	N33G0035 1P	LENS 40-D018272	
	N33G0034 ZN 1B	KEYPAD 40-D018263	
	N34G0078 ZNA1B	DECORATION 40-D018267	
	N34G0077 ZK 1B	BEZEL 40-D018270 BEZEL	
CN5	033G801915T H	CONNECTOR	
CN701	033G8022 10 H CMO	HEADER FEMALE 10P 2.5PITCH	
CN1	088G 35315F H	D-SUB 15PIN	
C26	067G305V100 3	105℃ 10UF +-20% 16V	
C29	067G305V100 3	105℃ 10UF +-20% 16V	
	SMTCRRLVSQ2	MAIN BOARD	
	040G 45762412B	CBPC LABEL	
C71	067G305V101 4P	CAP 105C 100UF M 25V 6.3*11	
C63	067G305V101 4P	CAP 105C 100UF M 25V 6.3*11	
C15	067G305V101 4P	CAP 105C 100UF M 25V 6.3*11	
C59	067G305V101 4P	CAP 105C 100UF M 25V 6.3*11	
CN6	033G801936Y H HC	0.5 PITCH 36P SMT FPC CONN	
CN4	033G801936Y H HC	0.5 PITCH 36P SMT FPC CONN	

U6	056G 562578CMO	IC,Scaler,RTD2554VH-GR,QFP-128	
U10	056G 563 52	IC AP1117D33L-13 TO252-3L DIODES	
U8	056G 563 52	IC AP1117D33L-13 TO252-3L DIODES	
U9	056G 563113	IC G1117-18T63Uf 1A/1.8V SOT-223	
U3	056G1125701 X	IC MCU RTD2120L-LF REALTEK	
Q6	057G 417517	LMBT3906LT1G SOT-23 BY LRC	
Q4	057G 417517	LMBT3906LT1G SOT-23 BY LRC	
Q1	057G 759 2A	TANSISTOR 2N7002 SOT-23	
Q3	057G 759 2A	TANSISTOR 2N7002 SOT-23	
Q5	057G 759 2A	TANSISTOR 2N7002 SOT-23	
Q10	057G 763 59	FET BSS84 -0.13A/-50V SOT-23	
Q8	057G 763 59	FET BSS84 -0.13A/-50V SOT-23	
R29	061G0402000	RST CHIP MAX 0R05 1/16W	
R136	061G0402100 0F	RST CHIPR 100 OHM +-1% 1/16W	
R72	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R69	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R63	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R61	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R57	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R56	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R55	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R52	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R39	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R38	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R78	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R76	061G0402102	RST CHIPR 1 KOHM +-5% 1/16W	
R70	061G0402102	RST CHIPR 1 KOHM +-5% 1/16W	
R21	061G0402102	RST CHIPR 1 KOHM +-5% 1/16W	
R105	061G0402102	RST CHIPR 1 KOHM +-5% 1/16W	
R95	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R89	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R71	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R44	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R43	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R42	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R41	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R40	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R32	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R23	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R18	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	

R17	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R16	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R15	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R14	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R13	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R12	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R137	061G0402152	RST CHIP 1K5 1/16W 5%	
R36	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R37	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R62	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R64	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R68	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R7	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R8	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R9	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R91	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R35	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R20	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R19	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R11	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R94	061G0402221	RST CHIPR 220 OHM +-5% 1/16W	
R88	061G0402221	RST CHIPR 220 OHM +-5% 1/16W	
R113	061G0402222	RST CHIPR 2.2 KOHM +-5% 1/16W	
R5	061G0402222	RST CHIPR 2.2 KOHM +-5% 1/16W	
R4	061G0402222	RST CHIPR 2.2 KOHM +-5% 1/16W	
R114	061G0402222	RST CHIPR 2.2 KOHM +-5% 1/16W	
R115	061G0402240 1F	RST CHIPR 0402 2.4K OHM +-1% 1/16W	
R73	061G0402303	RST CHIPR 30 KOHM +-5% 1/16W	
R99	061G0402330	RST CHIPR 33 OHM +-5% 1/16W	
R98	061G0402330	RST CHIPR 33 OHM +-5% 1/16W	
R97	061G0402330	RST CHIPR 33 OHM +-5% 1/16W	
R104	061G0402330	RST CHIPR 33 OHM +-5% 1/16W	
R103	061G0402330	RST CHIPR 33 OHM +-5% 1/16W	
R102	061G0402330	RST CHIPR 33 OHM +-5% 1/16W	
R101	061G0402330	RST CHIPR 33 OHM +-5% 1/16W	
R100	061G0402330	RST CHIPR 33 OHM +-5% 1/16W	
R77	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R79	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R80	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R90	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	

R96	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R75	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R74	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R31	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R27	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R26	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R116	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R67	061G0402750	RST CHIPR 75 OHM +-5% 1/16W	
R59	061G0402750	RST CHIPR 75 OHM +-5% 1/16W	
R53	061G0402750	RST CHIPR 75 OHM +-5% 1/16W	
B11	061G0805000	RST CHIP MAX 0R05 1/8W	
D26	061G1206000	RST CHIP MAX 0R05 1/4W	
D23	061G1206000	RST CHIP MAX 0R05 1/4W	
C70	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C47	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C46	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C48	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C74	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C49	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C45	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C41	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C40	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C38	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C37	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C36	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C35	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C32	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C24	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C23	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C50	065G0402120 31	CAP CHIP 0402 12P 50V NPO	
C20	065G0402220 31	CHIP 22PF 50V NPO	
C21	065G0402220 31	CHIP 22PF 50V NPO	
C44	065G0402220 31	CHIP 22PF 50V NPO	
C25	065G0402473 17	CAP CHIP 0402 47nF K 16V Y5V	
C28	065G0402473 17	CAP CHIP 0402 47nF K 16V Y5V	
C30	065G0402473 17	CAP CHIP 0402 47nF K 16V Y5V	
C31	065G0402473 17	CAP CHIP 0402 47nF K 16V Y5V	
C34	065G0402473 17	CAP CHIP 0402 47nF K 16V Y5V	
C39	065G0402473 17	CAP CHIP 0402 47nF K 16V Y5V	
C43	065G0402473 17	CAP CHIP 0402 47nF K 16V Y5V	

C19	065G0603330 31	CER1 0603 NP0 50V 33P PM	
C16	065G0805105 22	CAP CHIP 0805 1uF K 25V X7R	
C17	065G1206106 17	MLCC 10 UF Z 16V Y5V	
FB1	071G 42U100 TS	CHIP BEAD 0402 10ohm+-25% 0.5A	
FB2	071G 42U100 TS	CHIP BEAD 0402 10ohm+-25% 0.5A	
FB3	071G 42U100 TS	CHIP BEAD 0402 10ohm+-25% 0.5A	
R46	071G 59M121 Y	CHIP BEAD 0603 120ohm+-25% 0.35A	
L4	071G 59S221 M	CHIP BEAD 0603 220ohm+-25% 2A	
L3	071G 59S221 M	CHIP BEAD 0603 220ohm+-25% 2A	
L2	071G 59S221 M	CHIP BEAD 0603 220ohm+-25% 2A	
L1	071G 59S221 M	CHIP BEAD 0603 220ohm+-25% 2A	
B5	071G 59U601 TS	CHIP BEAD 0603 600ohm+-25% 0.2A	
B4	071G 59U601 TS	CHIP BEAD 0603 600ohm+-25% 0.2A	
B12	071G 59U601 TS	CHIP BEAD 0603 600ohm+-25% 0.2A	
B10	071G 59U601 TS	CHIP BEAD 0603 600ohm+-25% 0.2A	
Y1	093G 22S509CMO	Crystal SMD-49,24MHz,30pF H=4.1 mm CMO	
D19	093G 64S503CMO	BAV70W,SOT-323(SC-70),Pan Jit CMO	
D14	093G 64S503CMO	BAV70W,SOT-323(SC-70),Pan Jit CMO	
D27	093G 64S523SEM	DIODE 1N4148WS SEMTECH	
D28	093G 64S523SEM	DIODE 1N4148WS SEMTECH	
D18	093G3004 3	SM340A	
D29	093G3004 3	SM340A	
	715G3279 2	MAIN PCB FR-4 105X80X1.0mm DS	
	SMTKEPC7QO1	KEY BOARD FOR SMT	
CN1	033G8019 2CMO	CONN.25-D000187	
SW1	077G 606501 CJ	TACT SWITCH	
SW2	077G 606501 CJ	TACT SWITCH	
SW3	077G 606501 CJ	TACT SWITCH	
SW4	077G 606501 CJ	TACT SWITCH	
SW5	077G 606501 CJ	TACT SWITCH	
D1	081G 63O 1 GP	LED GPTS0603OC3-PB	
D2	081G0603 B GP	LED GPTS06033BC1 GP	
	715G3032 1	KEY PCB FR-4 76x11.8x1.0mm DS	
CN1	033G8019 2JCMO	CONNECTOR 1.0pitch SMT 15p	

T96MRYDDIWVWNNN

Location	Part No.	Description	Remark
	750GLM90KA212C000Q	PANELA190A2 90 CMO CONSIGN/SJ0A121D01	
	N15G0009 1 ZA	Support plate 41-D018266	

	0Q1G 330 5120	SCREW 42-D003574	
	0M1G4340 10120	SCREW 42A9940013	
	P45G 77001	Enlace film	
	N45G 52001	PE SHEET	
	N45G 88607005 HQ	PE BAG 78-D018384	
	N44G9007 1 DD	CUSHION BOTTOM 78-D018484	
	N44G9007 2 DD	CUSHION TOP 78-D018485	
	0M1G1740 8120	SCREW FOR STD/MF 42-D020715/42-D000649	
	0M1G 330 4120	SCREW 42A9930008	
	002G6008 2	SCREW 42-D015647	
	N52G6020002 HB	panel protector film	
	N85G0006 1 JZ	COVER AD	
	N52G 2191 01	TAPE /7345911004	
	N52G 1VSC002 HY	Security Tape- 7345511002	
	N40G000196868A	S/N LABEL	
	N40G0001968 2A	S/N LABEL 7741513161	
	N44G9003185	CORNER PAPER 7841595111/78-D004862	
	N44G9003 80	CORNER PAPER 78-D004868	
	N07G0004 1 RW	PALLET 78-D003113	
	N44G9003 90	CORNER PAPER 7841795141	
	N44G9007968 2A	CARTON FOR China- 78-D018443	
	050G 600 1 W	WHITE STRAP	
	N44G9007VSC 1A	Shipping Draw- 79-D018282	
	N40G000296823A	HG LABEL- 77-D022377	
	N40G000196855A	CARTON LABEL	
	089G 728HAA DB	D-SUB CABLE	
	N40G000296838A	Energy Star Label	
	750GLM90KA292C000Q	PANEL A190A2 CMO/SJ0A12AD01	
	CBPCRRRLVSQ4	CONVERSION BOARD	
	KEPC8QS6	KEY BOARD	
	N41G900296833A	MANUAL	
	N40G 19N96839A	SAFETY LABEL	
	N40G000296810A	LABEL HI-POT-PASS 77-D005237	
	EDIDVSC19A011	CHECKSUM 0XCB	
	N52G6032 17001 HB	mylar	
	705GN834407 FJ	Bezel Ass'y 40-D019525	
	N34G0079 ZK 1B CM	COVER HINGE 40-D018256	
	N34G0162 NB 1B YJ	SEAT 40-D018269	
	N34G0081 ZK 1B CM	STAND FRONT 40-D018260	
	N34G0082 ZK 1B CM	STAND_BACK 40-D018271	

	N34G0083 ZK 1B CM	STAND HOLDER 40-D018273	
	N12G6300003 SX	RUBBER_CAP 40-D000227	
	705GN834417 CM	BEZEL ASS'Y 40-D018240	
	N23G3155709 1A	VIEWSONIC NAME PLATE 77-D000224	
	N23G3178712 1A	VSC-BIRD-LOGO 77-D020778	
	N34G0092 ZK 1B FJ	COVER_HINGE 40-D022638	
	N15G0010 1 FH	SEAT_PLATE 41-D018262	
	0Q1G 130 8120	SCREW 42A9930011	
	N12G6300002 SX	RUBBER 40A1769201	
	N37G0028 1 CX	HINGE 41-D018268	
	N34G0163 NB 1B FJ	STAND HOLDER 40-D022637	
	0Q1G 330 10120	SCREW FOR FP/RC 42-D003792	
	N34G0164 NB 1B FJ	STAND_BACK 40-D022641	
	N34G0165 NB 1B FJ	STAND_FRONT 40-D022636	
	N34G0091 ZK 1B	REAR 40-D018254	
	N34G0162 NB 1B FJ	SEAT 40-D022639	
	089G 728GAA DB	D-SUB CABLE	
	089G414A18N YH	POWER CORD(32E1818021)(中規)	
	089G414A18N IS	POWER CORD 32E1818021(与 TPV 共用)	
	N40G000296813B ZA	QC PASS LABEL	
	N40G000296821A ZA	Supplier label	
	N40G000296811C ZA	Customer label on Carton	
	N41G780P968 1A	WARRANTY CARD- 78-D021250	
	052G 1207 A	Conductive Tape 45mm *25mm *0.08mm (单导)	
	N52G 1211002 HB	Conductive Tape 90mm *24mm *0.06mm(单导)	
	080G L19 6HIC	POWER BOARD	
	089G176W 15502	FFC (Keypad)	
	089G176J 36N00	FFC CABLE 36P 103MM/32-D011012	
	BIOS19R00701	RTD2554V_CMO_RSDS_A_V009, checksum 0XB6	
	N45G 88606012 DS	pe bag for base	
	N33G0076NA7 1P FJ	LENS 40-D022640	
	N33G0077 NV 1B FJ	KEYPAD 40-D022635	
	N34G0173 ZK 1B FJ	DECORATION 40-D022642	
	N34G0174 ZK 1B FJ	BEZEL 40-D019531	
	N33G0035 1P	LENS 40-D018272	
	N33G0034 ZN 1B	KEYPAD 40-D018263	
	N34G0078 ZNA1B	DECORATION 40-D018267	
	N34G0077 ZK 1B	BEZEL 40-D018270 BEZEL	
CN5	033G801915T H	CONNECTOR	

CN701	033G8022 10 H CMO	HEADER FEMALE 10P 2.5PITCH	
CN1	088G 35315F H	D-SUB 15PIN	
C26	067G305V100 3	105°C10UF +-20% 16V	
C29	067G305V100 3	105°C 10UF +-20% 16V	
	SMTCRRLVSQ2	MAIN BOARD	
	040G 45762412B	CBPC LABEL	
C71	067G305V101 4P	CAP 105C 100UF M 25V 6.3*11	
C63	067G305V101 4P	CAP 105C 100UF M 25V 6.3*11	
C15	067G305V101 4P	CAP 105C 100UF M 25V 6.3*11	
C59	067G305V101 4P	CAP 105C 100UF M 25V 6.3*11	
CN6	033G801936Y H HC	0.5 PITCH 36P SMT FPC CONN	
CN4	033G801936Y H HC	0.5 PITCH 36P SMT FPC CONN	
U6	056G 562578CMO	IC,Scaler,RTD2554VH-GR,QFP-128	
U10	056G 563 52	IC AP1117D33L-13 TO252-3L DIODES	
U8	056G 563 52	IC AP1117D33L-13 TO252-3L DIODES	
U9	056G 563113	IC G1117-18T63Uf 1A/1.8V SOT-223	
U3	056G1125701 X	IC MCU RTD2120L-LF REALTEK	
Q6	057G 417517	LMBT3906LT1G SOT-23 BY LRC	
Q4	057G 417517	LMBT3906LT1G SOT-23 BY LRC	
Q1	057G 759 2A	TANSISTOR 2N7002 SOT-23	
Q3	057G 759 2A	TANSISTOR 2N7002 SOT-23	
Q5	057G 759 2A	TANSISTOR 2N7002 SOT-23	
Q10	057G 763 59	FET BSS84 -0.13A/-50V SOT-23	
Q8	057G 763 59	FET BSS84 -0.13A/-50V SOT-23	
R29	061G0402000	RST CHIP MAX 0R05 1/16W	
R136	061G0402100 0F	RST CHIPR 100 OHM +-1% 1/16W	
R72	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R69	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R63	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R61	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R57	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R56	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R55	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R52	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R39	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R38	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R78	061G0402101	RST CHIPR 100 OHM +-5% 1/16W	
R76	061G0402102	RST CHIPR 1 KOHM +-5% 1/16W	
R70	061G0402102	RST CHIPR 1 KOHM +-5% 1/16W	
R21	061G0402102	RST CHIPR 1 KOHM +-5% 1/16W	

R105	061G0402102	RST CHIPR 1 KOHM +-5% 1/16W	
R95	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R89	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R71	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R44	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R43	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R42	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R41	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R40	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R32	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R23	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R18	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R17	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R16	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R15	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R14	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R13	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R12	061G0402103	RST CHIPR 10 KOHM +-5% 1/16W	
R137	061G0402152	RST CHIP 1K5 1/16W 5%	
R36	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R37	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R62	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R64	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R68	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R7	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R8	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R9	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R91	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R35	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R20	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R19	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R11	061G0402220	RST CHIPR 22 OHM +-5% 1/16W	
R94	061G0402221	RST CHIPR 220 OHM +-5% 1/16W	
R88	061G0402221	RST CHIPR 220 OHM +-5% 1/16W	
R113	061G0402222	RST CHIPR 2.2 KOHM +-5% 1/16W	
R5	061G0402222	RST CHIPR 2.2 KOHM +-5% 1/16W	
R4	061G0402222	RST CHIPR 2.2 KOHM +-5% 1/16W	
R114	061G0402222	RST CHIPR 2.2 KOHM +-5% 1/16W	
R115	061G0402240 1F	RST CHIPR 0402 2.4K OHM +-1% 1/16W	
R73	061G0402303	RST CHIPR 30 KOHM +-5% 1/16W	

R99	061G0402330	RST CHIPR 33 OHM +-5% 1/16W	
R98	061G0402330	RST CHIPR 33 OHM +-5% 1/16W	
R97	061G0402330	RST CHIPR 33 OHM +-5% 1/16W	
R104	061G0402330	RST CHIPR 33 OHM +-5% 1/16W	
R103	061G0402330	RST CHIPR 33 OHM +-5% 1/16W	
R102	061G0402330	RST CHIPR 33 OHM +-5% 1/16W	
R101	061G0402330	RST CHIPR 33 OHM +-5% 1/16W	
R100	061G0402330	RST CHIPR 33 OHM +-5% 1/16W	
R77	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R79	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R80	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R90	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R96	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R75	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R74	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R31	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R27	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R26	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R116	061G0402472	RST CHIPR 4.7 KOHM +-5% 1/16W	
R67	061G0402750	RST CHIPR 75 OHM +-5% 1/16W	
R59	061G0402750	RST CHIPR 75 OHM +-5% 1/16W	
R53	061G0402750	RST CHIPR 75 OHM +-5% 1/16W	
B11	061G0805000	RST CHIP MAX 0R05 1/8W	
D26	061G1206000	RST CHIP MAX 0R05 1/4W	
D23	061G1206000	RST CHIP MAX 0R05 1/4W	
C70	065G0402104 12	CAP CHIP 0402 0.1uF 16V X7R	
C47	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C46	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C48	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C74	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C49	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C45	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C41	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C40	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C38	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C37	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C36	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C35	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C32	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C24	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	

C23	065G0402104 17	CAP CHIP 0402 100nF Z 16V Y5V	
C50	065G0402120 31	CAP CHIP 0402 12P 50V NPO	
C20	065G0402220 31	CHIP 22PF 50V NPO	
C21	065G0402220 31	CHIP 22PF 50V NPO	
C44	065G0402220 31	CHIP 22PF 50V NPO	
C25	065G0402473 17	CAP CHIP 0402 47nF K 16V Y5V	
C28	065G0402473 17	CAP CHIP 0402 47nF K 16V Y5V	
C30	065G0402473 17	CAP CHIP 0402 47nF K 16V Y5V	
C31	065G0402473 17	CAP CHIP 0402 47nF K 16V Y5V	
C34	065G0402473 17	CAP CHIP 0402 47nF K 16V Y5V	
C39	065G0402473 17	CAP CHIP 0402 47nF K 16V Y5V	
C43	065G0402473 17	CAP CHIP 0402 47nF K 16V Y5V	
C19	065G0603330 31	CER1 0603 NP0 50V 33P PM	
C16	065G0805105 22	CAP CHIP 0805 1uF K 25V X7R	
C17	065G1206106 17	MLCC 10 UF Z 16V Y5V	
FB1	071G 42U100 TS	CHIP BEAD 0402 10ohm+-25% 0.5A	
FB2	071G 42U100 TS	CHIP BEAD 0402 10ohm+-25% 0.5A	
FB3	071G 42U100 TS	CHIP BEAD 0402 10ohm+-25% 0.5A	
R46	071G 59M121 Y	CHIP BEAD 0603 120ohm+-25% 0.35A	
L4	071G 59S221 M	CHIP BEAD 0603 220ohm+-25% 2A	
L3	071G 59S221 M	CHIP BEAD 0603 220ohm+-25% 2A	
L2	071G 59S221 M	CHIP BEAD 0603 220ohm+-25% 2A	
L1	071G 59S221 M	CHIP BEAD 0603 220ohm+-25% 2A	
B5	071G 59U601 TS	CHIP BEAD 0603 600ohm+-25% 0.2A	
B4	071G 59U601 TS	CHIP BEAD 0603 600ohm+-25% 0.2A	
B12	071G 59U601 TS	CHIP BEAD 0603 600ohm+-25% 0.2A	
B10	071G 59U601 TS	CHIP BEAD 0603 600ohm+-25% 0.2A	
Y1	093G 22S509CMO	Crystal SMD-49,24MHz,30pF H=4.1 mm CMO	
D19	093G 64S503CMO	BAV70W,SOT-323(SC-70),Pan Jit CMO	
D14	093G 64S503CMO	BAV70W,SOT-323(SC-70),Pan Jit CMO	
D27	093G 64S523SEM	DIODE 1N4148WS SEMTECH	
D28	093G 64S523SEM	DIODE 1N4148WS SEMTECH	
D18	093G3004 3	SM340A	
D29	093G3004 3	SM340A	
	715G3279 2	MAIN PCB FR-4 105X80X1.0mm DS	
	SMTKEPC7QO1	KEY BOARD FOR SMT	
CN1	033G8019 2CMO	CONN.25-D000187	
SW1	077G 606501 CJ	TACT SWITCH	
SW2	077G 606501 CJ	TACT SWITCH	
SW3	077G 606501 CJ	TACT SWITCH	

SW4	077G 606501 CJ	TACT SWITCH	
SW5	077G 606501 CJ	TACT SWITCH	
D1	081G 63O 1 GP	LED GPTS0603OC3-PB	
D2	081G0603 B GP	LED GPTS06033BC1 GP	
	715G3032 1	KEY PCB FR-4 76x11.8x1.0mm DS	
CN1	033G8019 2JCMO	CONNECTOR 1.0pitch SMT 15p	

12. Different parts list

Diversity of T96MRYDDIWVWNND compared with T96MRYDBIWVSNNN			
Location	Part No.	Description	Remark
	N40G000196868A	S/N LABEL	
	N40G0001968 2A	S/N LABEL 7741513161	
	N44G9007968 2A	CARTON FOR China- 78-D018443	
	F40G 19N96839A	SAFETY LABEL	
	N34G0091 ZK 1B	REAR 40-D018254	
	089G414A18N YH	POWER CORD(32E1818021)(中規)	
	089G414A18N IS	POWER CORD 32E1818021(与 TPV 共用)	
	N40G000296813B ZA	QC PASS LABEL	
	F40G000296821A ZA	Supplier label	
	N40G000296811C ZA	Customer label on Carton	
	N41G780P968 1A	WARRANTY CARD- 78-D021250	

Diversity of T96MRYDDIWVWNND compared with T96MRYDBIWVSNNN			
Location	Part No.	Description	Remark
	N40G000196868A	S/N LABEL	
	N40G0001968 2A	S/N LABEL 7741513161	
	N44G9007968 2A	CARTON FOR China- 78-D018443	
	F40G 19N96839A	SAFETY LABEL	
	N34G0091 ZK 1B	REAR 40-D018254	
	089G414A18N YH	POWER CORD(32E1818021)(中規)	
	089G414A18N IS	POWER CORD 32E1818021(与 TPV 共用)	
	N40G000296813B ZA	QC PASS LABEL	
	F40G000296821A ZA	Supplier label	
	N40G000296811C ZA	Customer label on Carton	
	N41G780P968 1A	WARRANTY CARD- 78-D021250	

Diversity of T96MRYDDIWVWNND compared with T96MRYDBIWVSNNN			
Location	Part No.	Description	Remark
	N40G000196868A	S/N LABEL	
	N40G0001968 2A	S/N LABEL 7741513161	
	N44G9007968 2A	CARTON FOR China- 78-D018443	
	N40G 19N96839A	SAFETY LABEL	
	N34G0091 ZK 1B	REAR 40-D018254	
	089G414A18N YH	POWER CORD(32E1818021)(中規)	
	089G414A18N IS	POWER CORD 32E1818021(与 TPV 共用)	
	N40G000296813B ZA	QC PASS LABEL	

	N40G000296821A ZA	Supplier label	
	N40G000296811C ZA	Customer label on Carton	
	N41G780P968 1A	WARRANTY CARD- 78-D021250	

*** 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?

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

B. Are you satisfied with this Service Manual?

<i>Item</i>	<i>Excellent</i>	<i>Good</i>	<i>Fair</i>	<i>Bad</i>
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 data:

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)