

Service Manual

ViewSonic G90f/B-3

Model No. VS23283

19" Digital Controlled Color Monitor

(G90f/B-3_SM_944 Rev. 1a – Jan. 2005)

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

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Revision History

Revision	SM Editing Date	Documents Number		Description of Changes	Editor
		DCN Number	ECR Number		
1a	11/01/05	4877		Initial Release	A. Lu

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1. Precautions And Safety Notices

WARNING!

This service information is designed for experience repair technicians only and is not designed for use by the general public.

It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product.

Products powered by electricity should be serviced or repaired only by experienced professional technicians.

Any attempt to service or repair the product or products dealt within this service information by anyone else could result in serious injury or death.

1. 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 guide lines.

2. SAFETY CHECK

Care should be taken while servicing this CRT display because of the high voltage used in the deflection circuits. These voltages are exposed in such areas as the associated flyback and yoke circuits.

3. FIRE & SHOCK HAZARD

- 3-1 Insert an isolation transformer between the CRT display and AC power line before servicing the chassis.
- 3-2 In servicing pay attention to original lead dress especially in the high voltage circuit. If a short circuit is found, replace all parts which have been overheated as a result of the short circuit.
- 3-3 All the protective devices must be reinstalled per original design.
- 3-4 Soldering must be inspected for possible cold solder joints, frayed leads, damaged insulation, solder splashes or sharp solder points. Be certain to remove all foreign material.

4. LEAKAGE CURRENT COLD CHECK

- 4-1 Unplug the AC cord and connect a jumper between the two prongs on the plug.
- 4-2 Turn the CRT display power switch "on".
- 4-3 Measure the resistance value with an ohmmeter between the jumpered AC plug and each exposed metallic part on the CRT display such as the metal frame, screwheads, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be 1.8 megohm minimum.

5. LEAKAGE CURRENT HOT CHECK

- 5-1 Plug the AC cord directly into the AC outlet. Do not use an isolation transformer during this check.
- 5-2 Connect a 1500 ohm, 10 watt resistor, paralleled by a 0.15uF capacitor between each exposed metallic part and a good earth ground (as shown in Fig.1).
- 5-3 Use an AC voltmeter with 1000 ohm/volt or more sensitivity and measure the AC voltage across the combination 1500 ohm resistor and 0.15uF capacitor.

- 5-4 Move the resistor connection to each exposed metallic part and measure the voltage.
- 5-5 Reverse the polarity of the AC plug in the AC outlet and repeat the above measurement.
- 5-6 Voltage measured must not exceed 7.5 volt RMS, from any exposed metallic part to ground. A leakage current tester may be used in the above hot check, in which case any current measured must not exceed 5.0 milliamp. In the case of a measurement exceeding the 5.0 milliamp value, a rework is required to eliminate the chance of shock hazard.

Note : High voltage is present when this CRT display is operating. Always discharge the anode of the picture tube to the display chassis to prevent shock hazard.

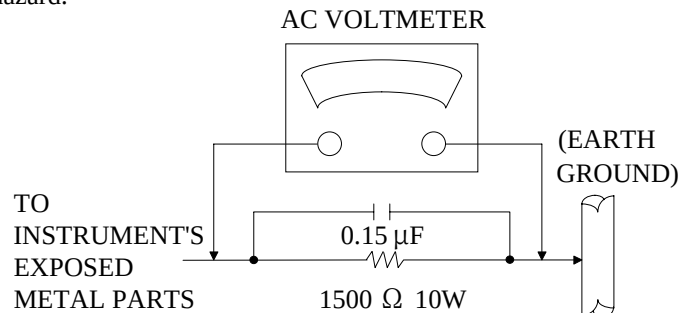


Fig. 1

6. IMPLOSION PROTECTION

Picture tubes are equipped with an integral implosion protection system, but care should be taken to avoid damage and scratching during installation. Use only Panasonic replacement picture tubes.

7. X-RADIATION

WARNING : The only potential source of X-Radiation is the picture tube. However when the high voltage circuit is operating properly there is no possibility of X-Radiation problem. The basic precaution which must be exercised is to keep the high voltage at the following factory-recommended level.

Note : It is important to use an accurate periodically calibrated high voltage meter.

- 7-1 The procedure for adjusting high voltage is shown on page 33.
- 7-2 If can not be adjust 25.0 KV at immediate service is required to prevent the possibility of premature component failure.
- 7-3 To prevent X-Radiation possibility it is essential to use the specified picture tube.

IMPORTANT SAFETY NOTICE

There are special components used in this CRT displays which are important for safety. These parts are identified by the international symbol  on the schematic diagram and on the replacement parts list. It is essential that these critical parts should be replaced with manufacture's specified parts to prevent X-RADIATION, shock, fire, or other hazards. Do not modify the original design or this will void the original parts and labor guarantee.

2. Specification

GENERAL SPECIFICATION

1. SCOPE

- 1.1 THIS SPECIFICATION DEFINES THE PERFORMANCE OF G90f 19 INCH MULTISYNC COLOR MONITOR
- 1.2 PRODUCT CONFIGURATION
TBD
- 1.3 MAGNETIC REQUIREMENTS
 - AMERICA (-M) BH = $250 \pm 10\text{mG}$, BV = $450 \pm 10\text{mG}$
 - AUSTRALIA(A) BH = $270 \pm 10\text{mG}$, BV = $-570 \pm 10\text{mG}$

2. INPUT REQUIREMENTS

- 2.1 AC POWER SUPPLY
 - 2.1.1 POWER SOURCE 90~264VAC 50/60HZ
 - 2.1.2 POWER CONSUMPTION LESS THAN 100W
 - 2.1.3 INRUSH CURRENT LESS THAN 30AP. FOR 1/2 CYCLE AT 110V, LESS THAN 60 AP. FOR ½ CYCLE AT 240V ON COLD STARTING
 - 2.1.4 INPUT CURRENT 2.0 A MAX IN 110V
 - 2.1.5 LEAKAGE CURRENT 3 mA AT AC 100V/240V
 - 2.1.6 RIPPLE / NOISE SHOULD NOT CAUSE ANY VISIBLE INTERFERENCE
 - 2.1.7 POWER CORD 1.83 METER
 - 2.1.8 SIGNAL CABLE 1.83 METER
- 2.2 VIDEO INTERFACE
 - 2.2.1 RGB VIDEO ANALOG 0.7 VP-P AND 1 VP-P POSITIVE INPUT IMPEDANCE 75 OHM
 - 2.2.2 MAX PC VIDEO SIGNAL 950mV WITH NO DAMAGE TO MONITOR
 - 2.2.3 MAX MAC VIDEO SIGNAL 1250mV WITH NO DAMAGE TO MONITOR
 - 2.2.4 SYNC SIGNAL SEPARATE OR COMPOSITE HORIZONTAL AND VERTICAL SYNC TTL LEVEL
 - 2.2.5 INPUT CONNECTOR

15 PINS MINI "D" SUB

PIN NO.	SIGNAL	PIN NO.	SIGNAL
1	RED	9	5V OUT
2	GREEN	10	5V GROUND
3	BLUE	11	GROUND
4	GROUND	12	SDA
5	CHECK SIGNAL	13	H. SYNC
6	R RETURN	14	V. SYNC
7	G RETURN	15	SCL
8	B RETURN		

- 2.2.6 SIGNAL MEMORY MODES 13 PRESET MODES
- 2.2.7 PLUG & PLAY VESA DDC1 / 2B
- 2.3 SCANNING FREQUENCY
 - 2.3.1 HORIZONTAL 30 KHZ TO 96KHZ
 - 2.3.2 VERTICAL 50 HZ TO 180 HZ

3. ADJUSTMENT CONTROL

3.1 USER CONTROL

3.1.1 POWER SWITCH

3.1.2 OSD KEY

- | | |
|----------|------------------------|
| 1 | MENU BUTTON |
| 2 | ENTER / SELECT BUTTON |
| ▼ | DOWN / DECREASE BUTTON |
| ▲ | UP / INCREASE BUTTON |

3.2 OSD ADJUSTMENT FUNCTION



Note : Press button **2** to toggle between all Controls that appear in pairs on the Main menu1.



3.3 LED INDICATION

STATUS		LED
POWER ON	NORMAL	GREEN
	POWER SAVING	AMBER
	OVER RANGE FREQUENCY	AMBER
POWER OFF		OFF

4. ELECTRICAL SPECIFICATION

A. ELECTRICAL SPECIFICATION

4.1 STANDARD CONDITION OF MEASUREMENT

4.1.1 BRIGHTNESS – 50% FACTORY SHIPMENT CONDITION

4.1.2 CONTRAST – 100% FACTORY SHIPMENT CONDITION MAX

4.1.3 OTHER SW – FACTORY SHIPMENT CONDITION

4.1.4 BACKGROUND COLOR – BLACK

4.1.5 BRIGHTNESS 30 FL FULL WHITE

4.1.6 TEMPERATURE 0~40 °C HUMIDITY 5 ~ 90% NON-CONDENSING

4.1.7 POWER INPUT –AC 90~264V 50HZ / 60HZ

4.1.8 TERRESTRIAL MAGNETIC FIELD – NORTHERN HEMISPHERE MAGNETIC FIELD

4.1.9 WARM UP TIME – START TESTING 30 MINUTES OR MORE AFTER POWER ON

4.1.10 TIMING CHART – REFER TO ITEM 7.2.

4.1.11 AMBIENT LIGHTING ENVIRONMENT – 400 TO 600 LUX

4.1.12 CRT FACE TO EAST

4.2 CRT SPECIFICATION

ITEM	SPEC
SIZE	19”
DIAGONAL	18”
DEFLECTION	90°
PERSISTENCE	MEDIUM SHORT
PHOSPHOR PITCH	0.25mm
MASK TYPE	SHADOW MASK FLAT
FACE PLATE	ANTI- REFLECTIVE, ANTI-STATIC
CRT	SDI/M46QCK761X214 LPD/M46QEF903X21

4.3 POWER SAVING

4.3.1 POWER SAVING

HORIZONTAL SYNC.	VERTICAL SYNC.	POWER CONSUMPTION	OSD INDICATOR	POWER LED	RECOVERY TIME
YES	YES	< 100 W	NORMAL	GREEN	N/A
NO	YES	< 4W	POWER SAVING	AMBER	10 SEC
YES	NO	< 4W	POWER SAVING	AMBER	10 SEC
NO	NO	< 4W	POWER SAVING	AMBER	10 SEC
< 29 KHZ OR > 96KHZ	< 49 HZ OR >181 HZ	< 4W	FREQUENCY OVER RANGE	AMBER	10 SEC

B. SCREEN CHARACTERISTICS

4.4 PICTURE DISPLAY SIZE

HORIZONTAL SIZE 352 $\pm$ 4 mm

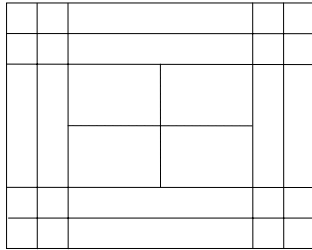
VERTICAL SIZE 264 $\pm$ 4 mm

4.5 PICTURE CENTER

PRIMARY MODE (1280X1024/75HZ) LA-BL < 4 mm, LC-DL < 4 mm.

OTHERS MODE LA-BL < 4 mm, LC-DL < 4 mm.

4.6 LINEARITY



INPUT SIGNAL : BLOCK PATTERN

12 x 10

HORIZONTAL FREQUENCY 39KHZ~96KHZ

HORIZONTAL ,ADJACENT 5%

HORIZONTAL ,WORST CASE 5%

VERTICAL, ADJACENT 5%

VERTICAL, WORST CASE 5%

HORIZONTAL FREQUENCY 31KHZ~38KHZ

HORIZONTAL ,ADJACENT 7%

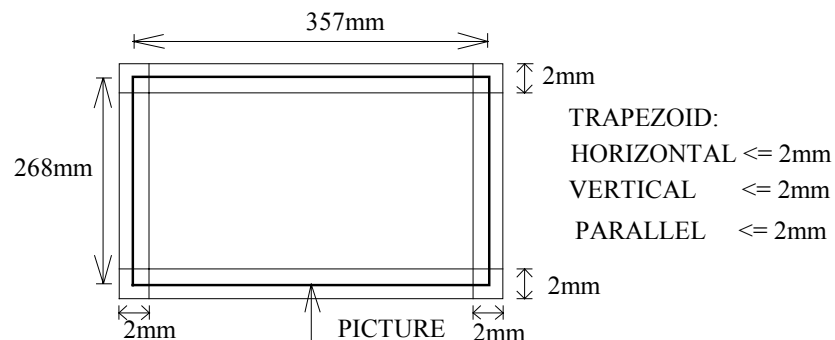
HORIZONTAL ,WORST CASE 7%

VERTICAL, ADJACENT 7%

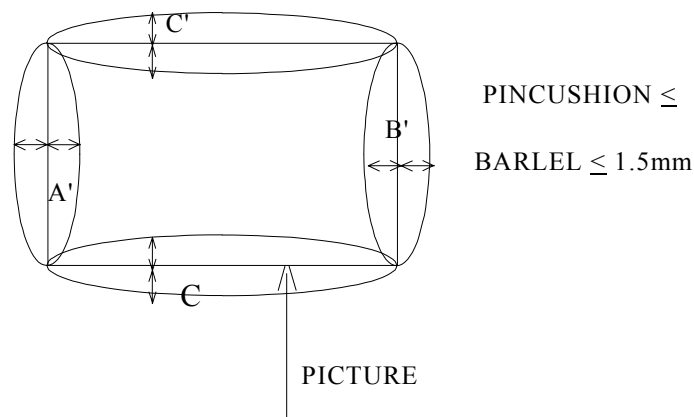
VERTICAL, WORST CASE 7%

4.7 PICTURE DISTORTION

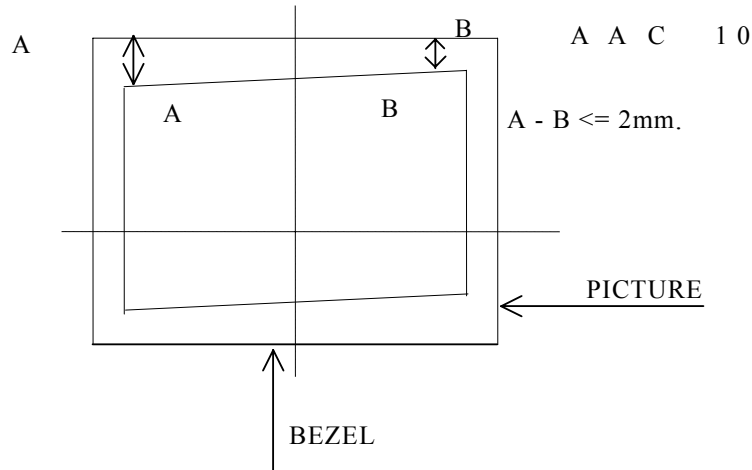
4.7.1 TRAPEZOID / PARALLELOGRAM



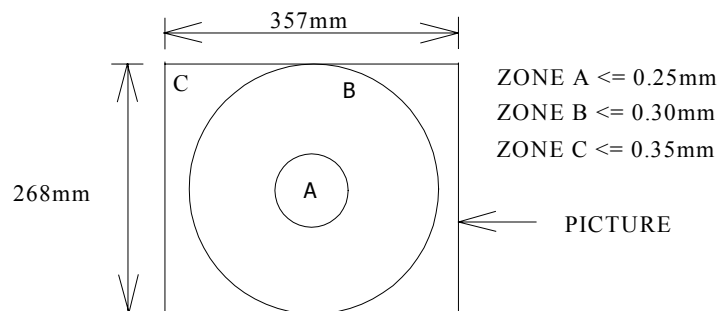
4.7.2 PINCUSHION / BARREL / PIN-BALANCE



4.7.3 TILT



4.8 MISCONVERGENCE



4.9 FOCUS

4.9.1 UNDER THE CONDITION OF BRIGHTNESS CENTER AND CONTRAST MAXIMUM

“ ME “ PATTERN CAN BE SEEN CLEARLY BY USING THE 1280X1024 KHZ@85HZ IF NECESSARY, LIMIT SAMPLE AGREED BY BOTH PARTIES WILL BE MADE FOR FINAL FOCUS JUDGMENT.

4.10 JITTERS

4.10.1 NO VISIBLE

4.11 WHITE BALANCE

4.11.1 COLOR TEMPERATURE USING THE CIE COLOR TEMPERATURE COORDINATE SYSTEM

COLOR 9300⁰K X = 0.283±0.015; Y = 0.297±0.015

COLOR 6500⁰K X = 0.313±0.020; Y = 0.329±0.020

COLOR 5000⁰K X = 0.346±0.020; Y = 0.359±0.020

4.11.2 COLOR PURITY IMPURITY SHOULD NOT APPEAR IN THE PATTERN OF ALL GREEN ALL RED ALL BLUE OR ALL WHITE

4.11.3 COLOR TRACKING: WHEN THE FULL WHITE PATTERN IS DISPLAYED AT PRESET (ONLY FOR 9300⁰K) CONDITION. THE DIFFERENCE OF WHITE BALANCE BETWEEN CONTRAST 30 FL AND LOW CONTRAST 10 FL MUST BE LESS THAN FOLLOWING VALUE

x AT CONTRAST 30 FL - x AT 25.75 FL < 0.005

y AT CONTRAST 30 FL - y AT 25.75 FL < 0.005

AND: x AT CONTRAST 25.75 FL - x AT 10 FL < 0.009

Y AT CONTRAST 25.75 FL - Y AT 10 FL < 0.009

4.11.4 VIDEO AMPLIFIER LINEARITY INPUT STEP AT 9300°K

$$x \text{ 600mV} - x \text{ 700mV} < 0.007$$

$$y \text{ 600mV} - y \text{ 700mV} < 0.003$$

4.12 LIGHT OUTPUT

AT 80 KHZ 1280X1024/75HZ MODE.

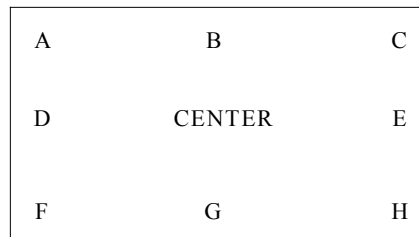
4.12.1 LL => AT BLACK PATTERN = 0.4 -1.2FL AT BRIGHTNESS 100%, CONTRAST 0% FOR 9300°K

4.12.2 HL => AT WHITE BLOCK PATTERN = 37-43 FL AT BRIGHTNESS 50%, CONTRAST 100% FOR 9300°K

4.12.3 ABL => AT FULL-WHITE PATTERN 28-32 FL, BRIGHTNESS 50%, CONTRAST 100% FOR 9300°K

4.13 BRIGHTNESS UNIFORMITY

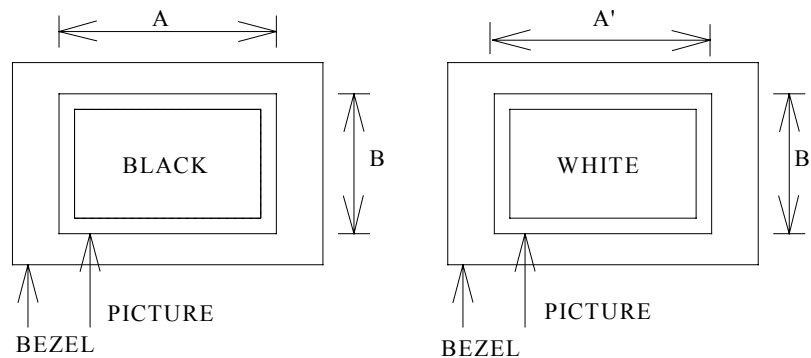
4.13.1 $\geq 75\%$ MAXIMUM BETWEEN CENTER TO ANY EIGHT POINTS WITHIN THE DISPLAY PICTURE FULL WHITE PATTERN



4.14 SIZE REGULATION

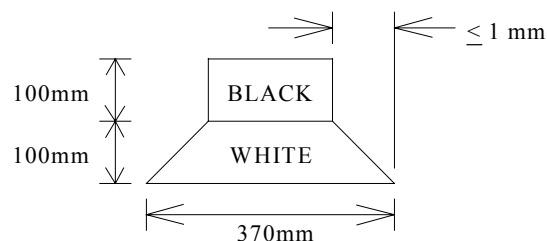
4.14.1 STATIC REGULATION

PICTURE GROWTH FROM MINIMUM LIGHT OUTPUT TO MAXIMUM LIGHT OUTPUT SHALL BE LESS THAN 3mm WHEN PICTURE IS EXCHANGED FROM



4.14.2 DYNAMIC REGULATION

PICTURE GROWTH SHALL BE LESS THAN 1 mm WHEN PICTURE IS EXCHANGED FROM



5. ENVIRONMENTAL CONDITIONS

5.1 TEMPERATURE AND HUMIDITY AT OPERATION 0 ~ 40 °C
5 – 95 % RH WITHOUT CONDENSATION

5.2 TEMPERATURE AND HUMIDITY AT STORAGE - 40 ~ 60 °C
10 – 95 % RH LESS THAN 6 MONTH

5.3 VIBRATION TEST (PACKAGED)

FREQUENCY	5HZ –250 HZ – 5HZ
ACCELERATION	1.0G
SWEEP TIME	1 OCT/MIN.
TEST TIME	60MIN. / AXIS

5.4 DROP TEST (PACKAGED) 61 CM HEIGHT WEAK CORNER, 3 EDGES, 6 FACES, 1 TIME ON EACH TESTED UNIT, 4 SETS MIN. DROP QTY.

5.5 ALTITUDE

OPERATING 0~3000 METERS.
NON-OPERATING 0~12000 METERS.

6. PHYSICAL SPECIFICATION

6.1 DIMENSION

HEIGHT:	457 mm
WIDTH	445 mm
DEPTH	456 mm
MONITOR WEIGHT	19.2 KG.

6.2 MECHANICAL ADJUSTMENT

TILT - 5/+15 DEGREES
SWIVEL ± 90 DEGREES

6.3 PACKAGING

6.3.1 CARTON DIMENSION

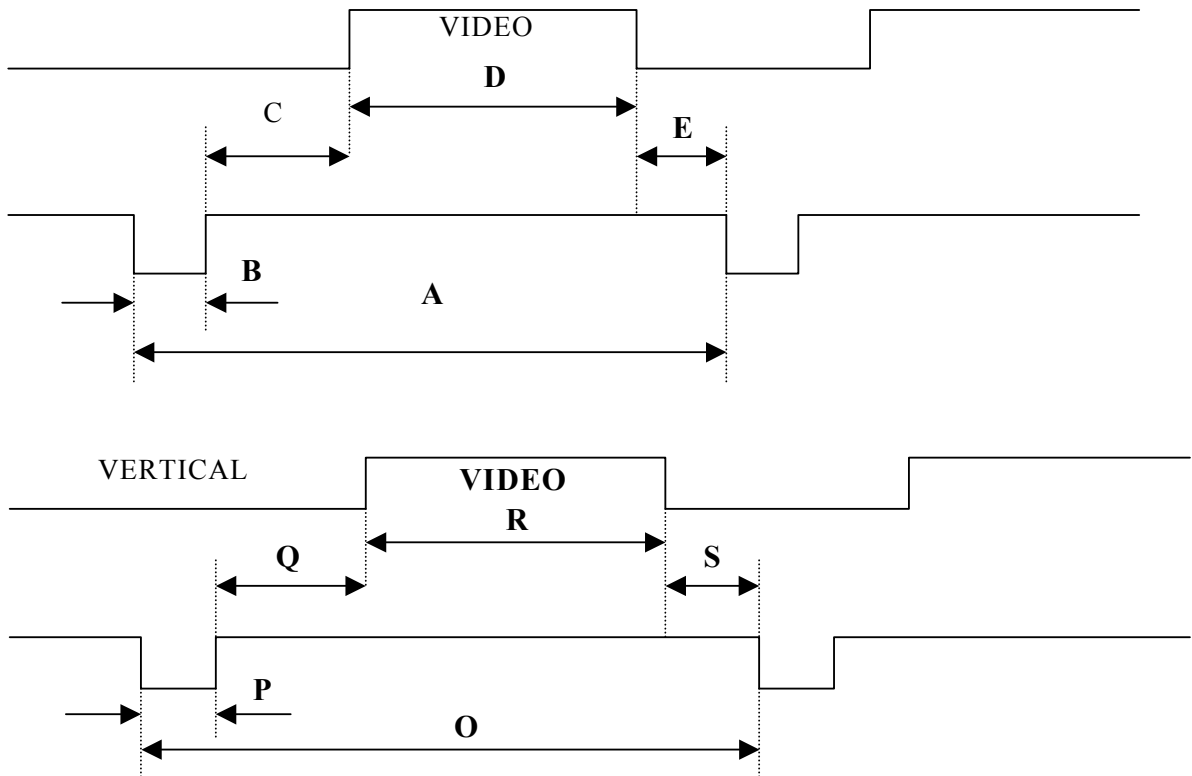
HEIGHT	498 mm
WIDTH	557 mm
DEPTH	577 mm

6.3.2 SHIPPING WEIGHT 22.4 KG

6.3.3 CONTAINER LOADING 320 UNITS WITH PALLET

7. FACTORY PRESET TIMINGS

7.1 TIMING DIAGRAM



TIMING OF INPUT SIGNALS NOMINAL INPUT LEVEL SPECIFICATION.

INPUT LEVEL

ANALOG VIDEO

RGB: 0.7V ± 3db

SYNC: H.V. SEPARATE SYNC

TTL COMPATIBLE H.V. COMPOSITA SYNC

LOW (0) 0V MIN. 0.65V MAX.

HIGH (1) 2.40V MIN. 3.5V NOM. 5.5V MAX.

TIMING OF INPUT SIGNALS

A: H-TOTAL TIME

B: H-SYNC PULSE WIDTH

C: H-BACK PORCH

D: H-DISPLAY TIME

E: H-FRONT PORCH

O: V-TOTAL TIME

P: V-SYNC PULSE WIDTH

Q: V-BACK PROCH

R: V-DISPLAY TIME

S: V-FRONT PORCH

7.2 PRESET TIMING TABLE

PRESET TIMING TABLE

MODE NO.	1	2	3	4	5	6	7
MODE NAME	VGA 640X 480	VGA 640X 400	VGA 640X 480	VESA 800X 600	VESA 600	VESA 1024X 768	VESA 1024X 768
HORIZONTAL DOTS	640	640	640	800	800	1024	1024
VERTICAL LINES	480	400	480	600	600	768	768
PIXEL CLOCK (MHZ)	25.175	25.175	36.00	49.5	56.25	78.75	94.5
HORIZONTAL FREQ (KHZ)	31.47	31.47	43.269	46.875	53.674	60.023	68.677
SYNC. POLARITY	-	-	-	+	+	+	+
A H.TOTAL (US) (PIXELS)	31.778 (800)	31.778 (800)	23.111 (832)	21.333 (1056)	18.631 (1048)	16.660 (1312)	14.561 (1376)
B H.SYNC (US) (PIXELS)	3.813 (96)	3.813 (96)	1.556 (56)	1.616 (80)	1.183 (64)	1.129 (96)	1.016 (96)
C H.SYNC PORCH (US) (PIXELS)	1.907 (48)	1.907 (48)	2.222 (80)	3.232 (160)	2.702 (152)	2.235 (176)	2.201 (208)
D H.ACTIVE (US) (PIXELS)	25.422 (640)	25.422 (640)	17.778 (640)	16.162 (800)	14.222 (800)	13.003 (1024)	10.836 (1024)
E H.FRONT PORCH (US) (PIXELS)	0.636 (16)	0.318 (8)	1.556 (56)	0.323 (16)	0 (0)	0.203 (16)	0 (0)
VERTICAL FREQ (HZ)	59.94	70	85.008	75.00	85	75.029	85
SYNC. POLARITY	-	+	-	+	+	+	+
O V.TOTAL (MS) (LINES)	16.684 (525)	14.268 (449)	11.764 (509)	13.333 (625)	11.756 (631)	13.328 (800)	11.765 (808)
P V.SYNC (MS) (LINES)	0.064 (2)	0.064 (2)	0.069 (3)	0.064 (3)	0.056 (3)	0.050 (3)	0.044 (3)
Q V.BACK PORCH (MS) (LINES)	1.048 (33)	1.112 (35)	0.578 (25)	0.448 (21)	0.503 (27)	0.466 (28)	0.524 (36)
R V.ACTIVE (MS) (LINES)	15.254 (480)	12.711 (400)	11.093 (480)	12.800 (600)	11.179 (600)	12.795 (768)	11.183 (768)
S V.FRONT PORCH (MS) (LINES)	0.318 (10)	0.222 (7)	0.023 (1)	0.021 (1)	0 (0)	0.017 (1)	0 (0)
SCANTYPE INTERLACED	NO	NO	NO	NO	NO	NO	NO

PRESET TIMING TABLE (CONTINUOUS)

MODE NO.	8	9	10	11	12
MODE NAME	MAC 1024X 768	MAC 1152X 870	VESA 1280X 1024	VESA 1280X 1024	VESA 1600X 1200
HORIZONTAL DOTS	1024	1152	1280	1280	1600
VERTICAL LINES	768	870	1024	1024	1200
PIXEL CLOCK (MHZ)	80	100	135.00	157.5	202.5
HORIZONTAL FREQ (KHZ)	60.241	68.681	79.976	91.146	93.75
SYNC. POLARITY	-	-	+	+	+
A H.TOTAL (US) (PIXELS)	16.600 (1328)	14.56 (1456)	12.504 (1688)	10.971 (1728)	10.667 (2160)
B H.SYNC (US) (PIXELS)	1.200 (96)	1.280 (128)	1.067 (144)	1.016 (160)	0.948 (192)
C H.SYNC PORCH (US) (PIXELS)	2.20 (176)	1.44 (144)	1.837 (248)	1.422 (224)	1.501 (304)
D H.ACTIVE (US) (PIXELS)	12.8 (1024)	11.52 (1152)	9.481 (1280)	8.127 (1280)	7.901 (1600)
E H.FRONT PORCH (US) (PIXELS)	0.4 (32)	0.32 (32)	0.119 (16)	0.406 (64)	0.361 (64)
VERTICAL FREQ (HZ)	74.927	75	75.025	85.024	75
SYNC. POLARITY	-	-	+	-	+
O V.TOTAL (MS) (LINES)	13.346 (804)	13.322 (915)	13.329 (1066)	11.761 (1072)	13.333 (1250)
P V.SYNC (MS) (LINES)	0.050 (3)	0.044 (3)	0.038 (3)	0.033 (3)	0.032 (3)
Q V.BACK PORCH (MS) (LINES)	0.498 (30)	0.568 (39)	0.475 (38)	0.483 (44)	0.491 (46)
R V.ACTIVE (MS) (LINES)	12.749 (768)	12.667 (870)	12.804 (1024)	11.235 (1024)	12.800 (1200)
S V.FRONT PORCH (MS) (LINES)	0.05 (3)	0.044 (3)	0.013 (1)	0.011 (1)	0.011 (1)
SCANTYPE INTERLACED	NO	NO	NO	NO	NO

EDID DATA for SAMSUNG CRT:

VIEWSONIC CORPORATION
EDID VERSION # 1, REVISION # 3
DDCTEST FOR: VIEWSONIC G90F-3

128 BYTES OF EDID CODE:

	0	1	2	3	4	5	6	7	8	9
0		00	FF	FF	FF	FF	FF	FF	00	5A 63
10		1A	C9	01	01	01	01	01	0E	01 03
20		1D	24	1B	BE	2A	BB	B8	A3	52 46
30		98	24	0F	48	4C	FF	FF	80	81 99
40		D1	40	A9	4F	61	59	45	59	31 59
50		01	01	01	01	86	3D	00	C0	51 00
60		30	40	40	A0	13	00	60	08	11 00
70		00	1E	00	00	00	FF	00	50	45 47
80		30	34	30	31	30	30	30	30	31 0A
90		00	00	00	FD	00	32	B4	1E	61 18
100		00	0A	20	20	20	20	20	20	00 00
110		00	FC	00	47	39	30	66	2D	33 0A
120		20	20	20	20	20	20	00	8E	

3. Front Panel Function Control Description

A . User control .

Power switch : Soft power control .

Function select button : 1 , 2 .

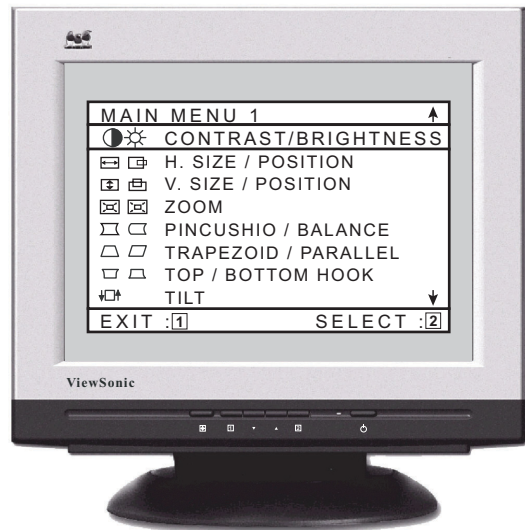
Adjustment control button : ▽、△ .

Control name .

1. Power switch : Push-on / push-off switch for soft power control .

2. LED indication

Status	LED
Power on	Green
Off mode in 5 sec	Orange
Over range freq.	Orange
Power off	Off



3 . Function select button :

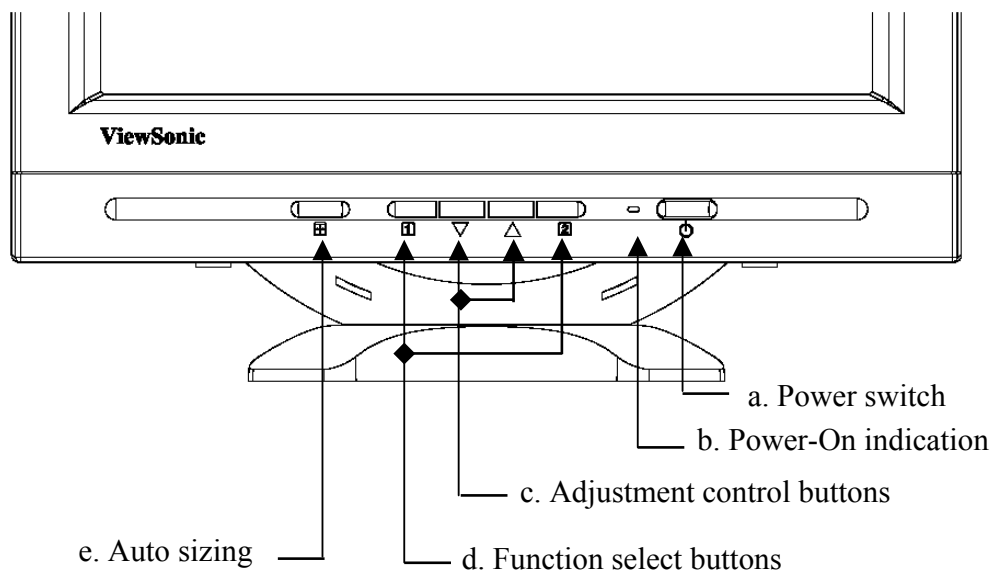
Press the '1' button to display OSD menu.

Press the '▽、△' button to select menu function or sub-function.

Press the '2' button to enter the select function.

4 . Adjustment control button :

Push the increased '△' or decrease '▽' button for the desired adjustment, all adjustment are memorized automatically immediately .



B. OSD (on screen display) function control method.

. Main menu, Part 1.

1. Contrast / Brightness.
2. H. size / Position.
3. V. size / Position.
4. Pincushion / Balance.
5. Trapezoid / Parallel.
6. Top/Bottom Hook.
7. ZOOM
8. Tilt

. Main menu, Part 2.

9. Degauss
10. H/V Moire.
11. OSD Position.
12. Input Level.
13. View match color.
14. Language.
15. View meter.
16. Memory Recall.

OSD function control :

Main menu, part1



Note : Press button **[2]** to toggle between all Controls that appear in pairs on the Main menu1.



Contrast adjusts the foreground white level of the screen image.

▽ decreases contrast, △ increases contrast.



Brightness adjusts the background brightness of the screen image.

▽ decreases brightness, △ increases brightness.



HORIZONTAL SIZE adjusts the width of the screen image.

▽ decreases width of screen image, △ increases width of screen image.



HORIZONTAL POSITION moves the screen image left or right.

▽ moves the screen image left, △ moves the screen image right.



VERTICAL SIZE adjusts the height of the screen image.

▽ decreases the screen height, △ increases the screen height.



VERTICAL POSITION moves the screen image up and down.

▽ moves the screen image down, △ moves the screen image up.



PINCUSHION straightens the vertical sides of the screen image by curving them inward or outward.

▽ curves the vertical edges inward, △ curves the vertical edges outward.



PIN BALANCE straightens the vertical sides of the screen image by curving them to the right or to the left.

▽ curves the vertical edges to the left, △ curves the vertical edges to the right.



TRAPEZOID make vertical sides of the screen image parallel.

▽ narrows the top and widens the bottom, △ widens the top and narrows the bottom.



PARALLEL (parallelogram) slants vertical edges of the screen to the left or right.

▽ slants vertical edges to left, △ slants vertical edges to right.

**TOP HOOK**

Straightens the top corners of the screen image. [▽] or [△] to adjust.

**BOTTOM HOOK**

Straightens the bottom corners of the screen image. [▽] or [△] to adjust.

**ZOOM CONTROL**

▽ to diminish H-Size & V-Size, △ to enlarge H-Size & V-Size.



TILT rotates the entire screen image.

▽ rotates the screen counter-clockwise, △ rotates the screen clockwise.

Main menu, part12

DEGAUSS manual degauss function.

Press button [2] to active manual degauss function.



H MOIRE reduces vertical interference that causes unwanted color textures or patterns.

Press ▽ or △ to adjust.



V MOIRE reduces horizontal interference patterns that causes unwanted color textures or patterns.

Press ▽ or △ to adjust.

**OSD H-Position control**

Press the ▽, △ button.

▽ move OSD to left side, △ move OSD to right side .

**OSD V-Position control**

Press the ▽, △ button.

△ move OSD to up, ▽ move OSD to down.



INPUT LEVEL displays the voltage level of the video signal.



VIEWMATCH COLOR provides three color adjustment modes : 9300°K, 6500°K, 5000°K and User.
Press button **[2]** to select color adjustment mode.



LANGUAGE to select a language use ∇ and $\triangle$ to highlight English, French, German, Italian, or Spanish,
Then press button **[2]** .



VIEWMETER displays the signal input coming from your computer (horizontal scan and refresh rate).
Press button **[2]** to select this feature.



MEMORY RECALL returns adjustment back to factory setting only if the monitor is operating in a factory preset mode.
If you make an adjustment you don't like, press button **[2]** to recall factory setting.

DIAGNOSTIC

1.If monitor into DPMS mode will show:

Display Time : 5 seconds



Back ground : Blue

Characters : White



Mode	Signals	
	Horizontal	Vertical
Off	No Pulses	Pulses
Off	Pulses	No Pulses
Off	No Pulses	No Pulses



Off mode in 5

2.If input V-sync or H-sync out of pull-in range will show:

H:30KHz ~ 96KHz V:50Hz ~ 180Hz

Display Time : 25 seconds

Pull-in range



Back ground : Blue

Characters : White

4. Circuit Description

1. POWER SUPPLY

1.1 Power supply

A . Primary Side .

The raw DC voltage is built on C101 from AC line voltage through EMI filter, and bridge rectifier CR101, then composes with main transformer(T101), switching MOSFET (Q101) and PWM IC (IC101) to form a DC-DC voltage converter by fly back switching topology, which means that the power energy is pumped up at primary winding of transformer during duty “ON” cycle, then transfer the stored energy to primary side, and voltage regulated by PWM IC (VC3843B) using way of pulse width modulation .

The IC101 starts up through some components composed of R103, R104, R105, Q102, ZD101 D110.R118. R107 to build up VCC voltage at pin7, and supplied by transformer once secondary voltage is established .

IC101 have to work synchronously with horizontal sync by feeding fly back pulse through C110 .

R124 .R125, C112 and D114 composed a soft-start circuit to prevent over-stress occurred during power start .

The TP202 : 40V voltage can be adjusted through VR101 .

B . Secondary

Each raw of DC voltage output from T101 .

- a . TP201 voltage output from T101 pin9 and is rectified by D202, C201 .
- b . TP202 voltage output from T101 pin14 and is rectified by D203, D214. C202 .
- c . TP203 voltage output from T101 pin15 and is received by D205, C205 .
- d . TP204 voltage output from T101 pin16 and is rectified by D206, C206 .
- e . TP205 voltage output from T101 Pin15 and is rectified by Q206, ZD201 and D208.C210. .
- f . TP206 voltage output from TP204 and is rectified by Q208.Q209., R214. R215.and R213 .
- g . TP207 voltage output from T204 . and is rectified by Q210 ZD202 D209 R217.C211and C212.

1.2 Power saving

The EPA power management state as follows :

State	SUS	Pd	Power consumption	LED
Normal	H	H	100W	Green
Active off	L	L	≤ 4W	Amber

PD = IC301 (MCU) pin17 output .

There is no output from Q206 and Q203 while is in Active off mode and PD (IC301 pin17) is low level voltage . That is, there is no output for 12V and 6.3V .

1.3 Degauss

When the powers is on and when press manual degauss, IC301 pin20 output high level voltage to turn on Q201, RL101 and activate Degauss .

2. H and V processor

- 2.1 Auto Sync Deflection control and B⁺ control circuit Horizontal and vertical sync through IC401 STV9118 transmit .

Deflection controller IC401 STV9118 :

- a . The control input (V-position, H-position, V-size, H-size, Pincushion, Pin-Balance, Trapezoid, Parallelogram. TOP Corner. Bottom Corner. Zoom, moiré) are use I²C control .
- b . SYNC input :
 - H-sync (pin1) (From IC301 pin33) .
 - V-sync (pin2) (From IC301 pin32) .
- c . Output :
 - * B⁺ Driver (pin28) .
 - * H-Driver (pin26) .
 - * EW-Driver (pin24) .
 - * Focus (pin32) .
 - * V out (pin23) .

2.1.1 Horizontal input control

- a . Then take a HFLB pulse from FBT pin5 to IC401 for AFC to make pin 26 H-driver output control Horizontal circuit .
- b . Pin 6 and pin 8 (C429, R471) control horizontal hold in range .

2.1.2 Vertical input control

- a . V-sync outputs from MCU IC301 pin32 to IC401 pin2, then release V-out from pin23, pin 13 to IC501 KA2142 pin1 and pin7 .
- b . V-output to vertical hold in range is controlled by pin22 (C508) .

2.1.3 B⁺ input control

Take a pulse from T401 pin 5 and accumulates to become a DC voltage via D423, C437 and R4408 to IC 401 pin14, pin15 output pulse by pin28 via Q202 to boost converter circuit.

2.2 Vertical deflection

- a . IC401 pin23 and pin13 output to IC501 (KA2142) pin7 and pin1, then IC501 pin 6 make vertical deflection output .
- b . Vertical blank : IC501 pin4 take a blanking pulse, After passing Q501 buffer can supply video blanking signal .

2.3 Boost converter

The Booster converter mainly composes of n-channel MOSFET Q202 chock L201 capacitor C202, C212 and rectifier diode D204. IC401 pin28 B⁺ driver output via Q204, Q205, Q202 to driver Booster converter and provide a DC-voltage to provide B⁺ H-output circuit use, As H-freq. change, IC401 pin28 B⁺-driver will change its output, Booster converter will also change the B⁺ it provides, H-freq. will varies from 30K ~ 96KHz, B⁺ will varies from 55V ~ 195V .

2.4 X-RAY radiation protection

FBT pin 5 output one pulse to pass through D417 and C424 integration DC voltage, and through D418 IC401 pin 25, when anode voltage abnormal increase, FBT pin5 and IC401 pin25 voltage to be increased, too . As IC401 pin25 $\cong$ 8V, IC401 X-RAY protection circuit immediately active, H-driver, B-driver and V-out no output . The X-RAY radiation protection circuit used in this monitor is a latching type the monitor will shown down and continue until turn-off the monitor with power switch .

3. Horizontal

3.1 Horizontal driver circuit

The output of IC401 pin26 H-Driver connect to Q402 H-driver transistor makes Q402 active ON/OFF, push H-output Q401 to reach secondary via induction of T402 . For T402 is a Transformer of reduced voltage and converted pole, Q401 will be turn off when Q402 is on, on the contrary, when Q402 is turn off and Q401 will be on .

3.2 Horizontal output circuit

Horizontal output circuit is composed by Q401 (Horizontal Transistor), T401(FBT), D402, D403, C401 and C416 H-output circuit, H-Driver circuit output via T402 to switch Q401 ON/OFF to output saw tooth wave and make DY able to control the circuit scanning of elections in the CRT .
L404, C414, C415, modify Horizontal linearity switching individually Via Q414 .

3.3 EW-Pincushion and width control circuit

The parabolic waveform and DC voltage and generated from IC401 pin24 to Q411, Q412 and Q409 .

The parabolic decreased or increased for compensating the pincushion effect the DC voltage control the H-width .

4. Video

4.1 Video amplifier (IC601)

The video amplifier module is composed of three amplifiers for Red, Green, Blue channel .

The video input signal is fed to the video preamplifier IC601 (NT6813K) pin5 Blue, pin6 Green, pin7 Red, through AC coupling capacitor, C601, C602, C603 .

The clamping pulse comes from IC301 pin33 .

IC603 output amplifier for B, R, G channel respectively .

4.2 On Screen Display (OSD) (IC602) .

IC601 (NT6813K) is a on screen display generator, pin28 for H-sync input, pin10 for V- sync input .

The IC601 is controlled by IC301 via SCL, SDA bus IC602 (pin11, pin12) .

4.3 Auto Beam Limit CKT (ABL CKT) .

When beam current pass through R447 over 500uA, the voltage build at base of Q418 will be low enough to turn on Q418, then the voltage of pin26 of IC601 will be pulled down accordingly to reduce the video preamplifier gain output .

4.4 Brightness Control

Brightness is controlled by varying the DC voltage of G1 with the IC301 PIN1 (PWM) .

4.5 Blanking

IC501 (KA2142) pin4 vertical blanking pulse are fed to the base of Q501, The blanking pulse O/P is coupled to G1 by C507 .

Horizontal blanking pulse are fed to IC601 pin28 and let video O/P amp cut off during the period of horizontal retrace.

4.6 Mute.

While mode change, IC301 pin16 will pull high to turn off . The G1 voltage will down to -180V then CRT will cut off the video output .

5 . Tilt

IC301 pin18 PWM to tilt circuit, Q211 and Q213 control flow of current of Rotation coil, when the base of C215 increase from 0 to 12V, As Q211 will turn on gradually, the current starts from 14V to 6.3V via Rotate coil . When C215 decrease from 12V to 0V, the current will change from 7V to GND .

6 . Micro (IC301)

6.1 H. sync / V. sync Processor .

HS/VS input pin39 (HS), pin40 (VS), IC301 individually to work on frequency, polarity, process of H+V and power saving, then output horizontal sync (pin33) and vertical sync (pin32) of positive polarity to IC401 STV9118 pin1, pin2 .

6.2 PWM Control

The PWM control of IC301 is pin29 (Brightness) and pin18 (Rotation), the PWM output via R, C after rectified may control each function .

6.3 Power saving / Mute / LED control

IC301 pin17, pin18 are power saving control pin, the condition of power saving and mode change, pin19 will change from Low to Hi and active Mute function .

	Normal	Active
Mute	L	H
PD	H	L (Off mode)

IC301 pin17 (PD) function as LED control, the mode is as listed :

	Power On	Power saving	Over range freq .
Pin17	Hi	Low	Low

6.4 CS control (CS1 ~ HS2)

To count H-SYNC by the output frequency, then output the cumulating as listed :

Freq.	CS1	CS2	CS3	CS4	HS1	HS2
< 33K	0	0	0	0	0	0
33K~36K	0	0	1	1	0	0
36K~41K	1	0	0	0	0	0
41K~45K	1	0	1	1	0	0
45K~51K	0	1	0	0	0	0
51K~57K	0	1	0	1	0	0
57K~61K	0	1	1	1	0	1
61K~66K	1	1	0	0	0	1
66K~71K	1	1	0	0	0	1
71K~78K	1	1	1	0	1	1
78K~83K	1	1	1	0	1	1
83K~89K	1	1	1	1	1	1
> 89K	1	1	1	1	1	1

6.5 Key Control: IC301 pin26~pin29 function as DAC switch input to control OSD display function .

Pin40 :  .

Pin38 :  .

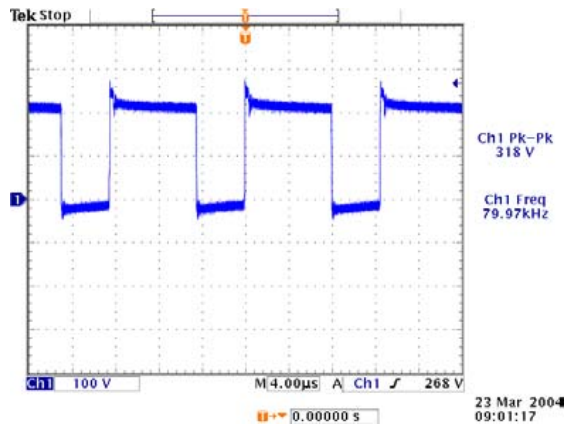
Pin37 :  .

Pin39 :  .

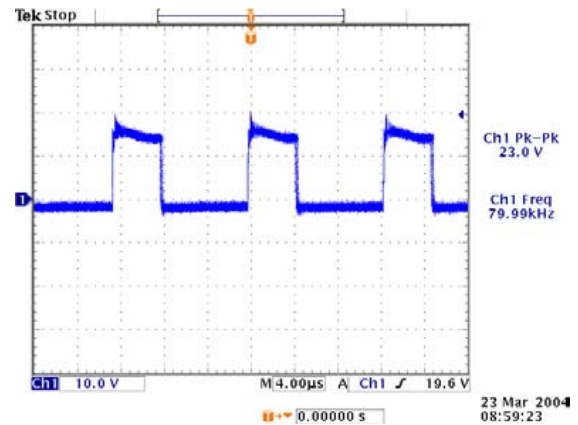
6.6 I²C Bus

IC301 have two groups I²C bus to control E²PROM, IC401 deflection IC, Auto alignment, IC601 pre-AMP .

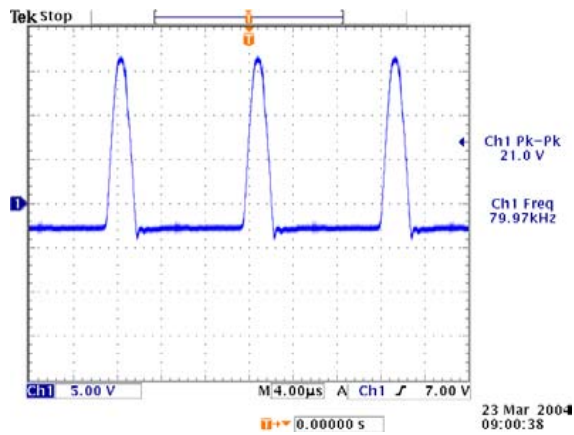
Waveform



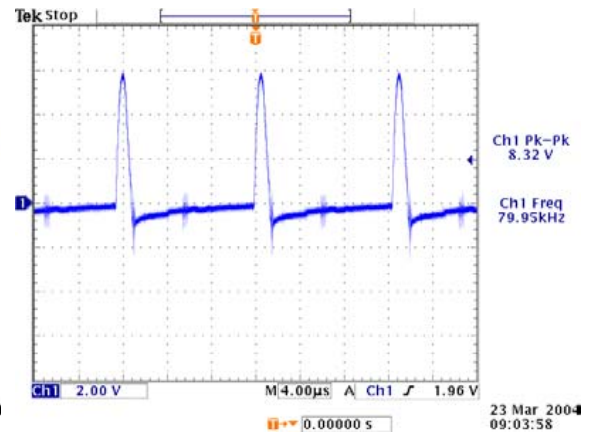
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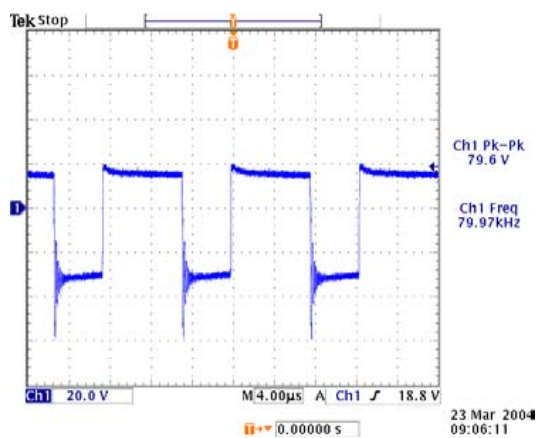
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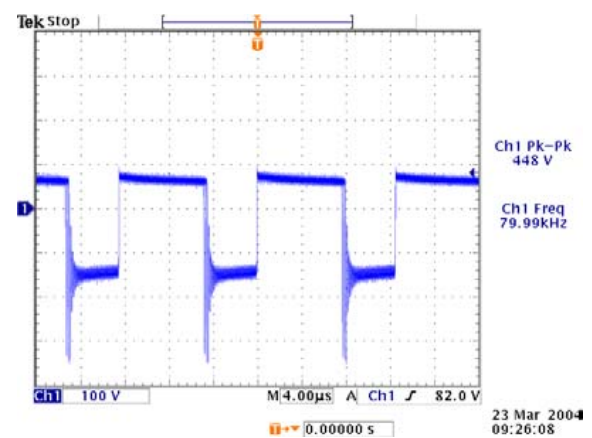
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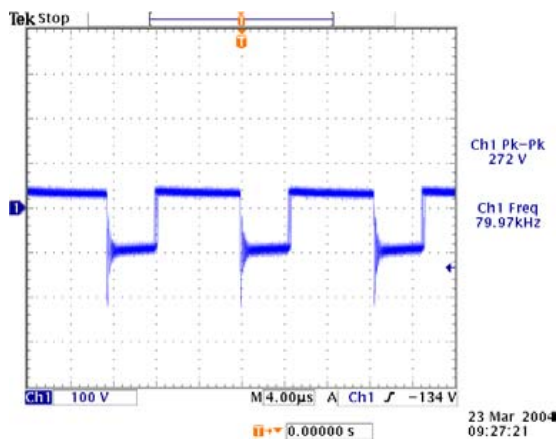
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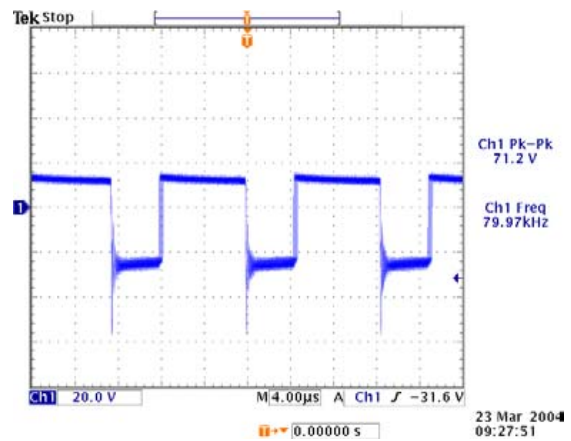
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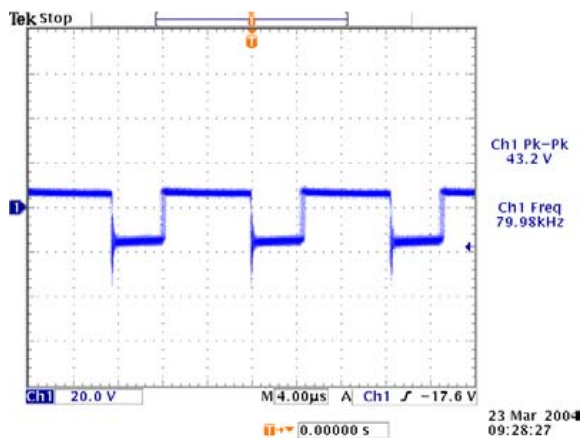
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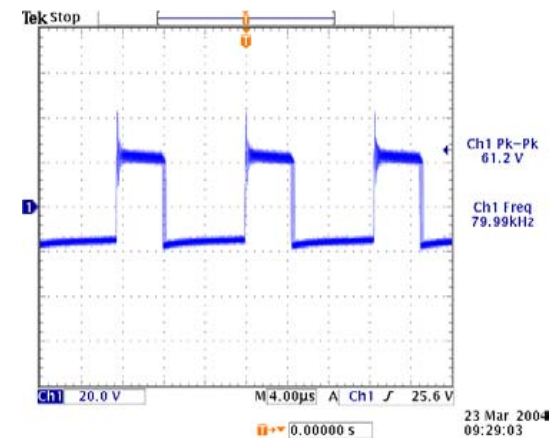
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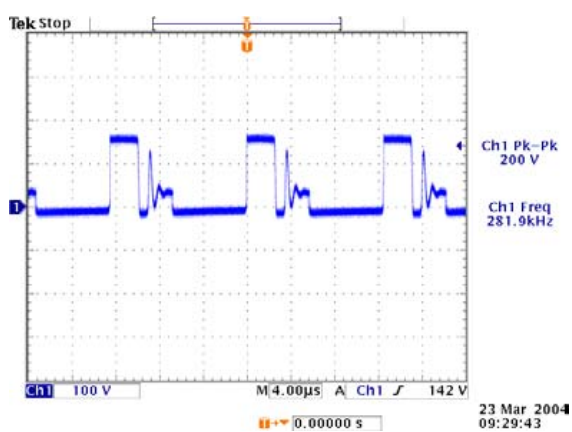
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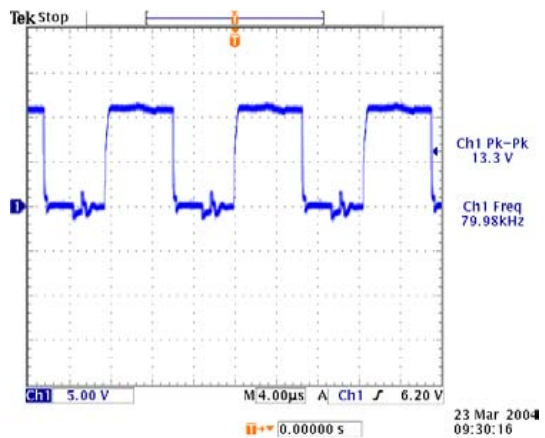
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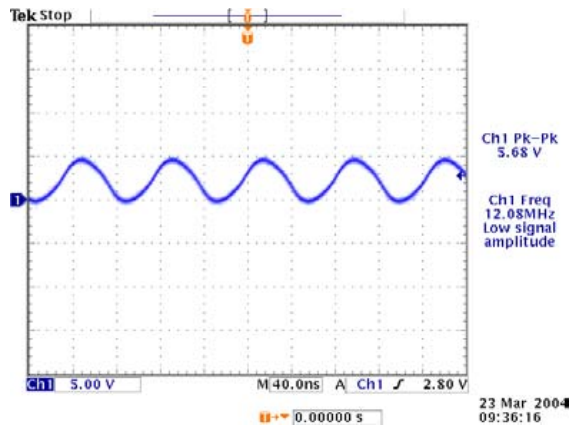
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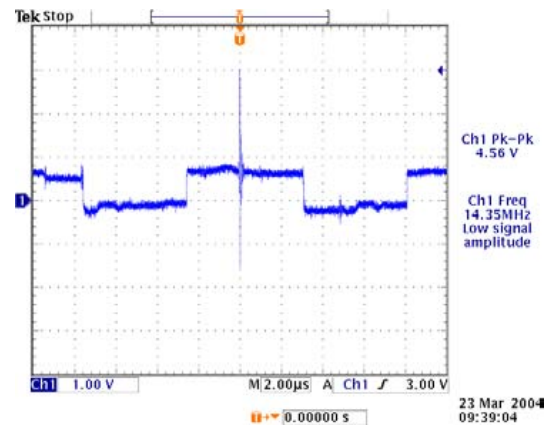
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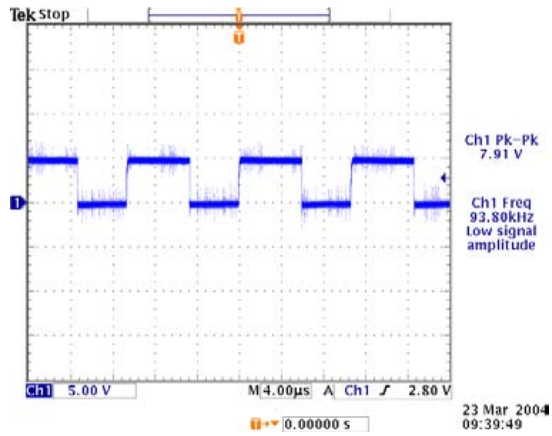
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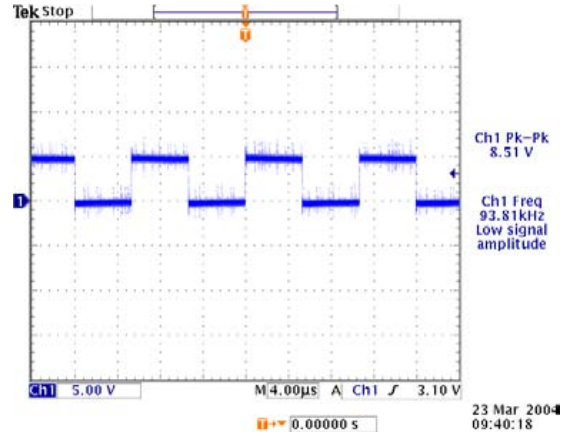
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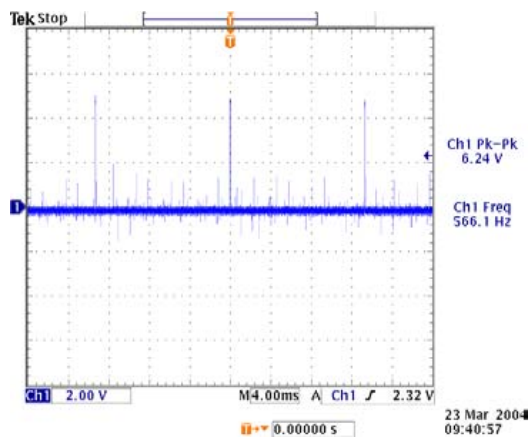
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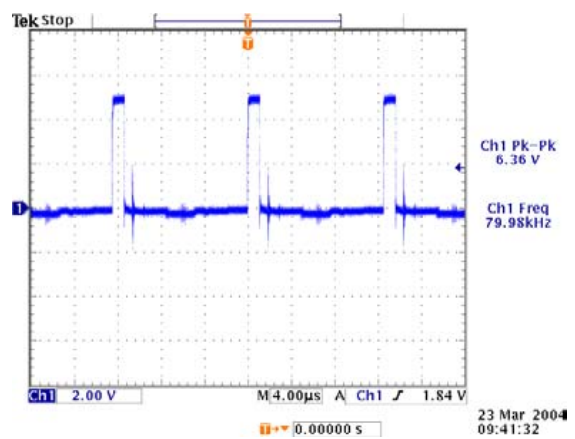
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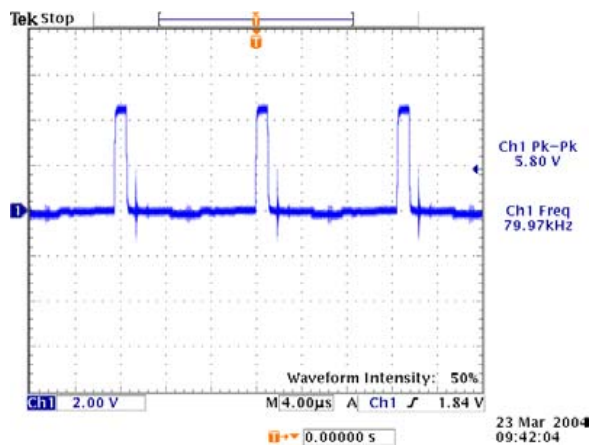
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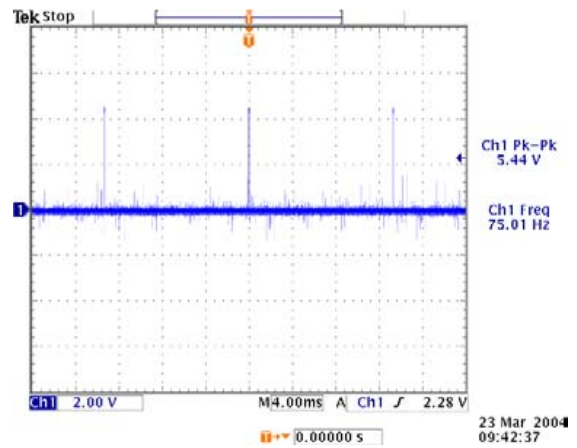
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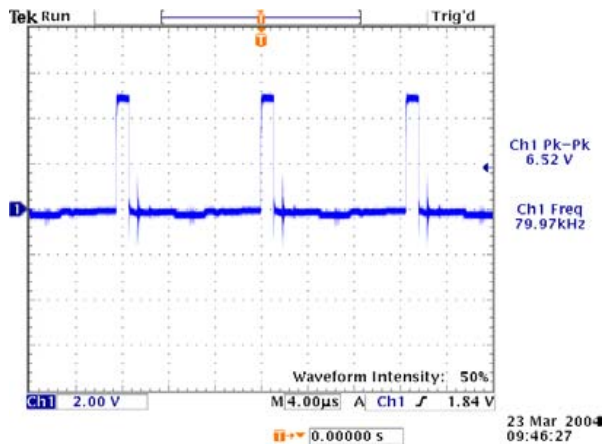
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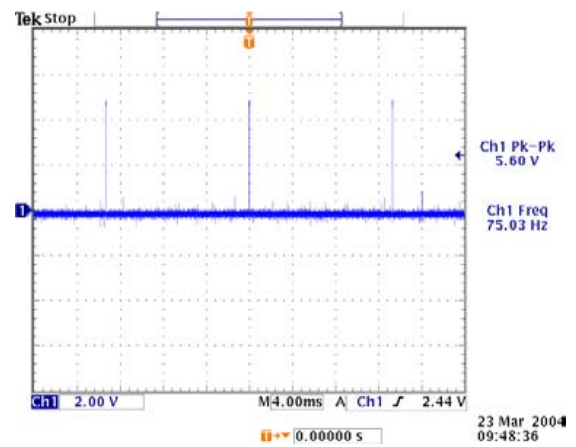
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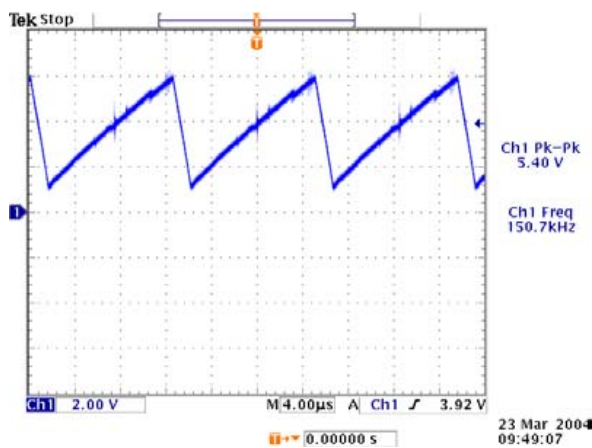
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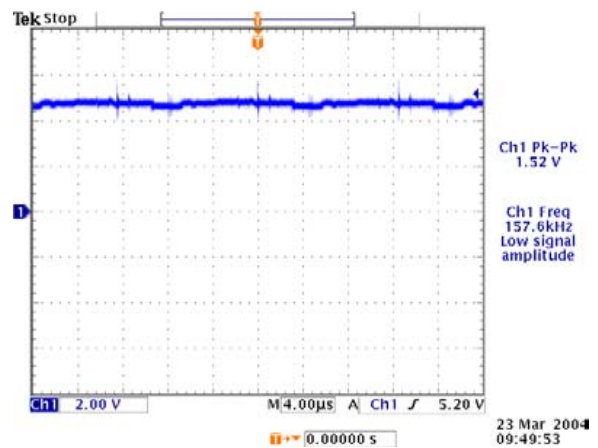
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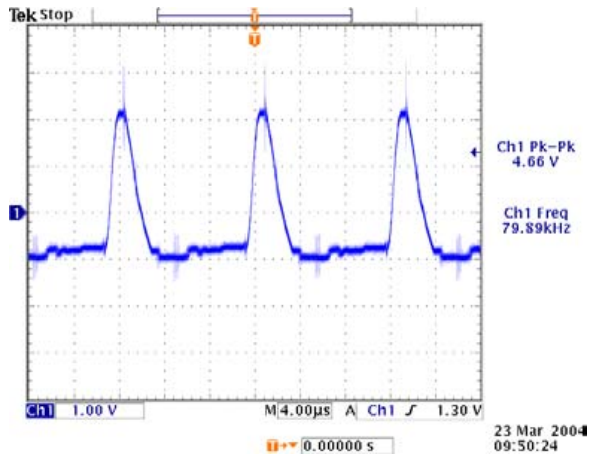
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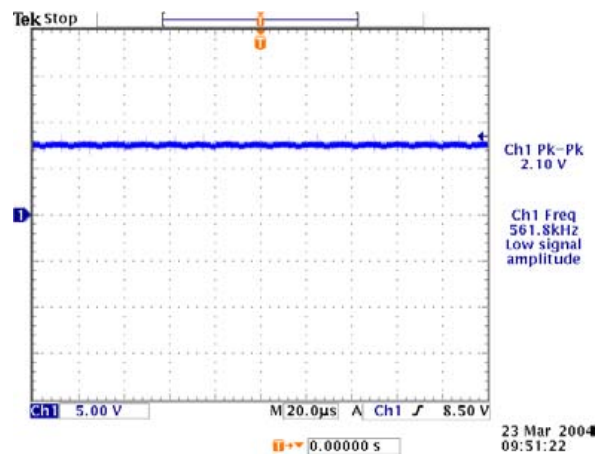
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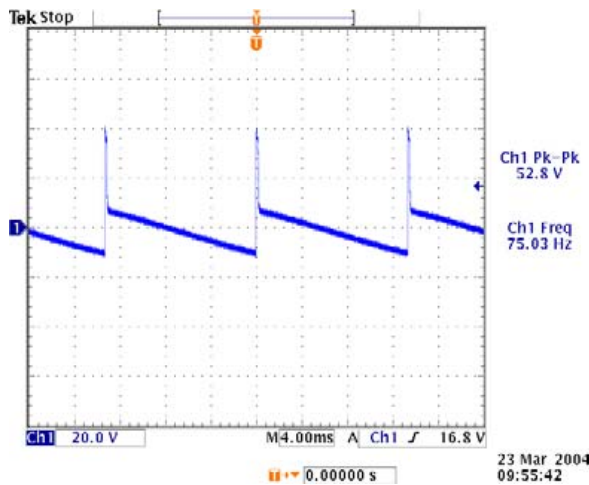
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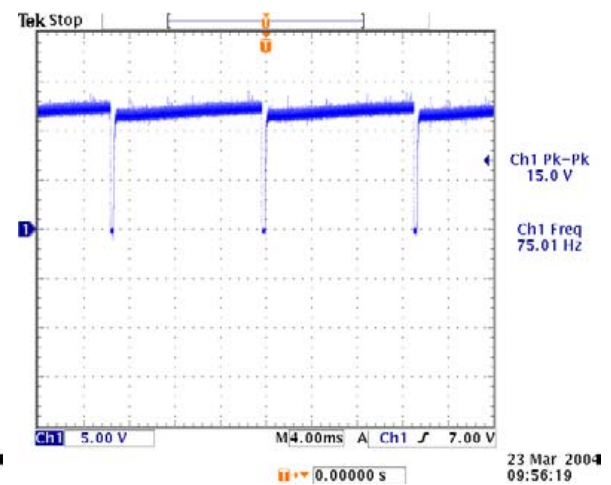
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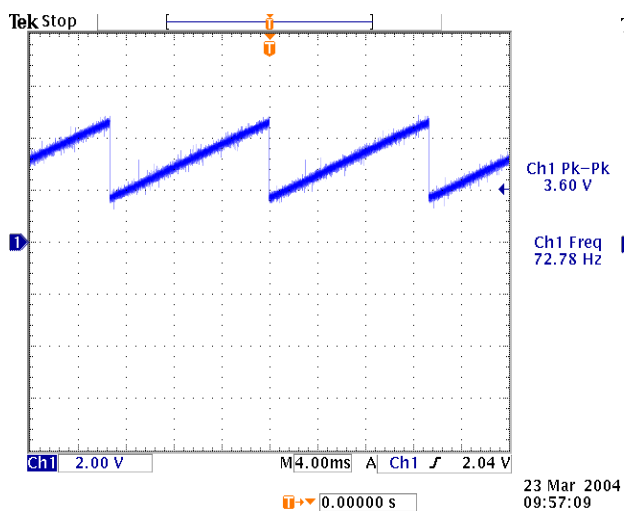
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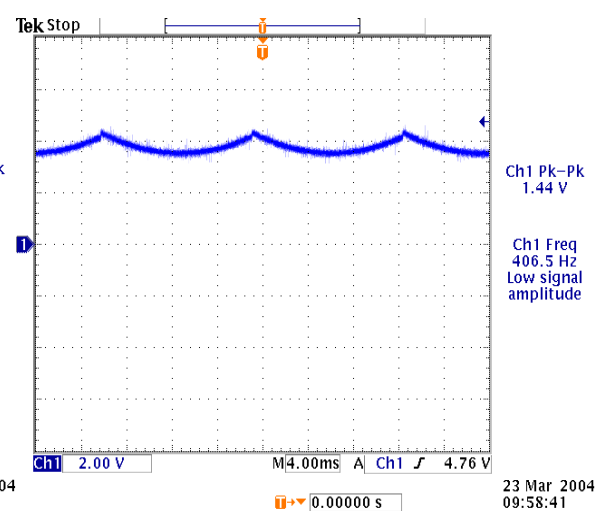
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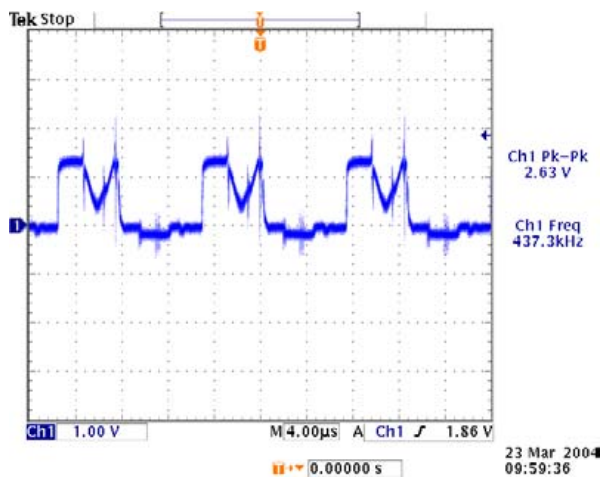
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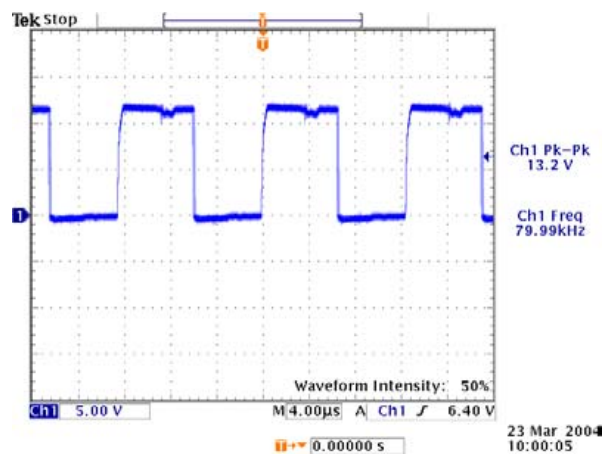
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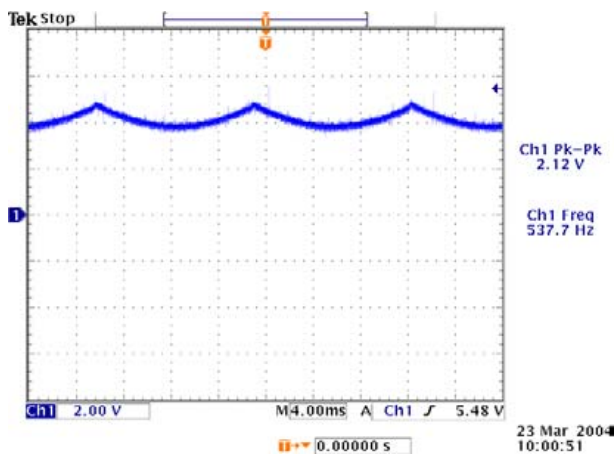
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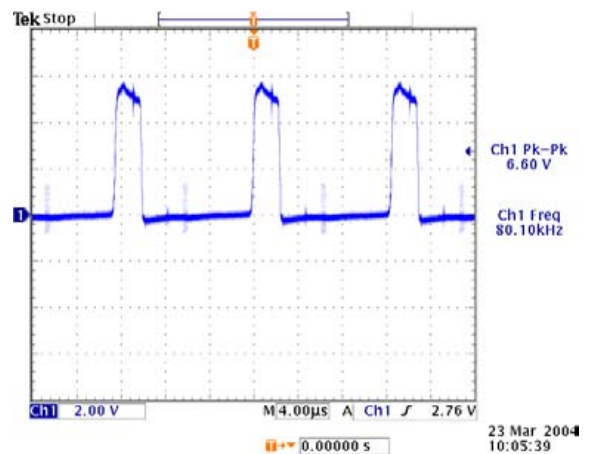
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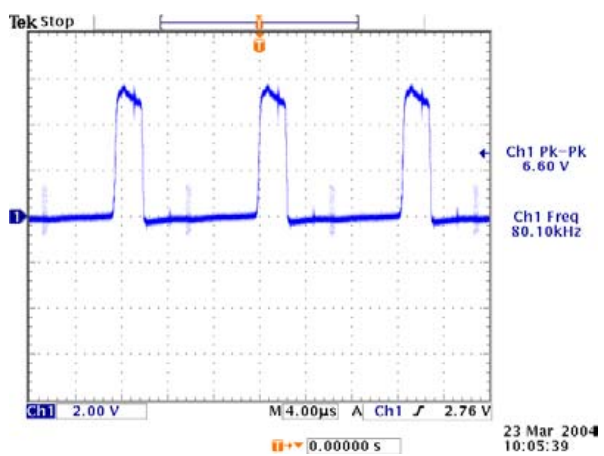
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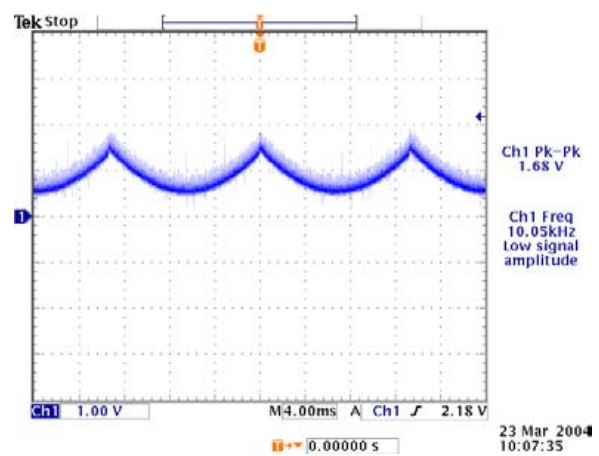
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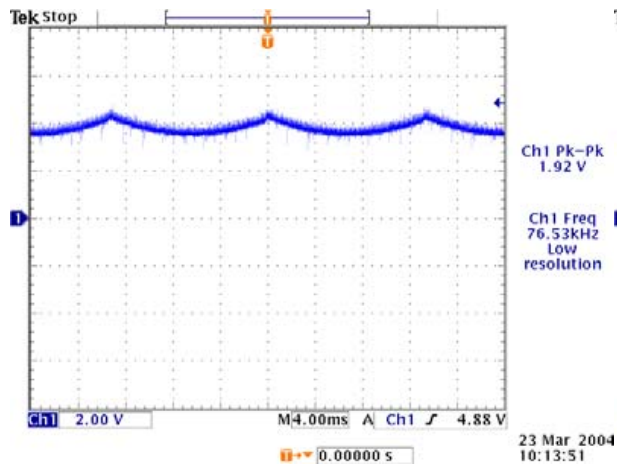
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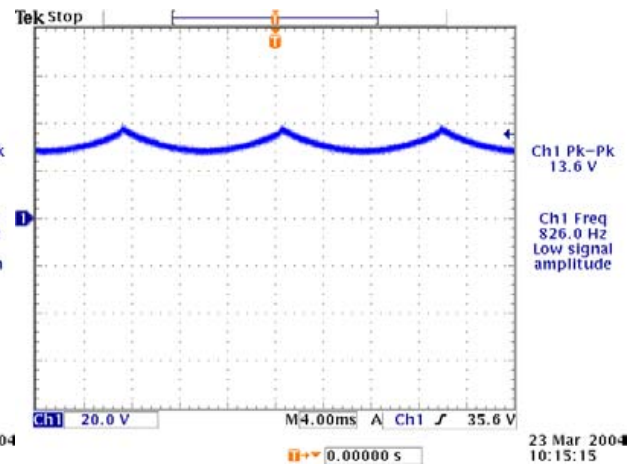
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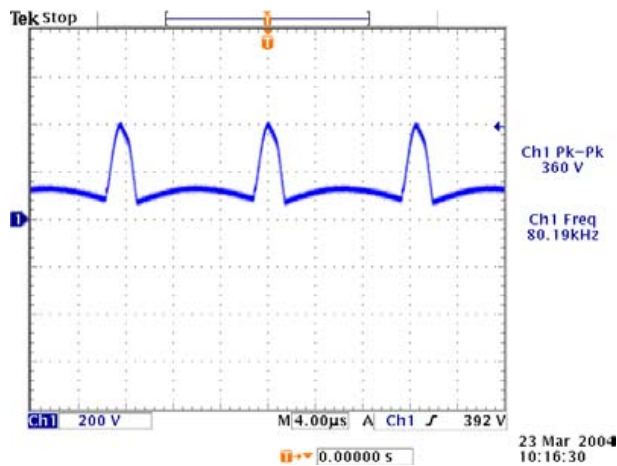
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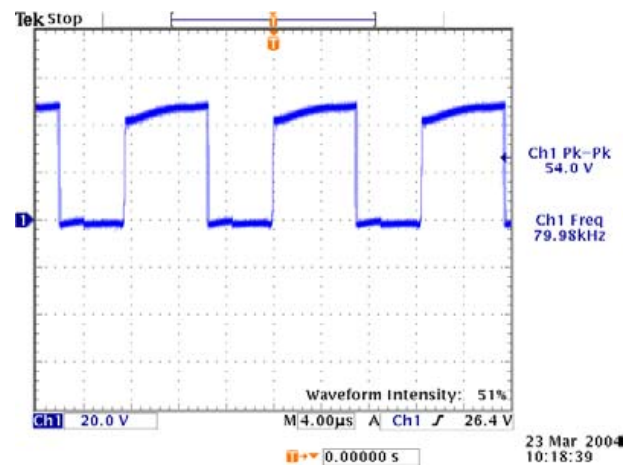
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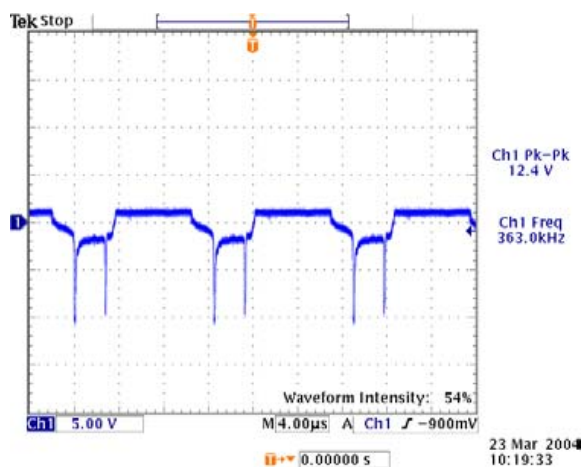
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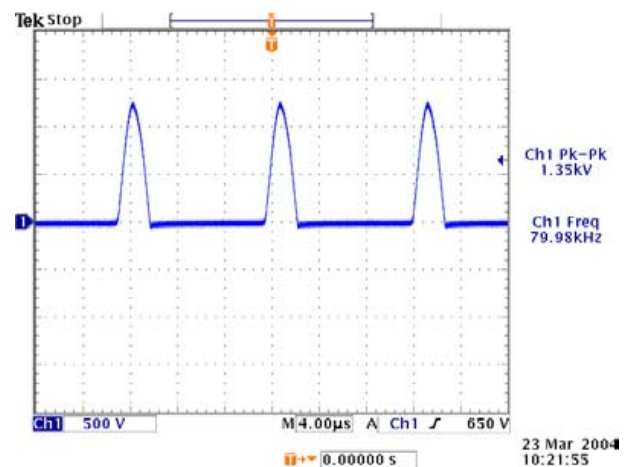
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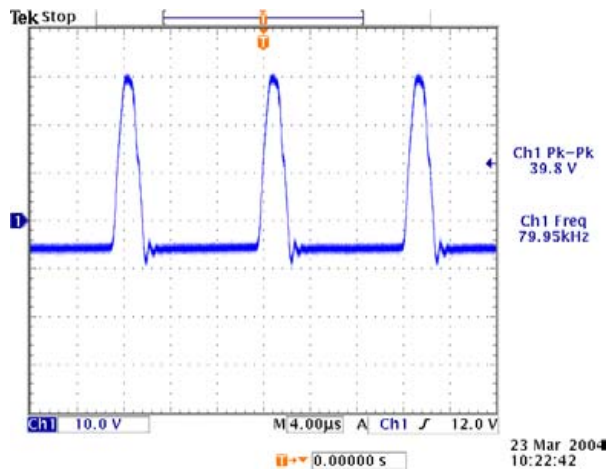
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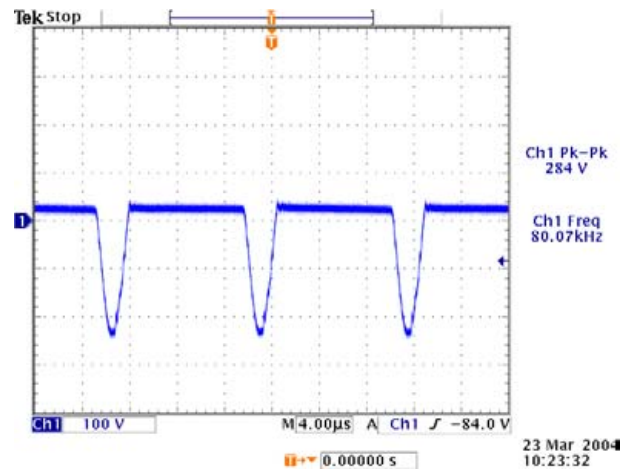
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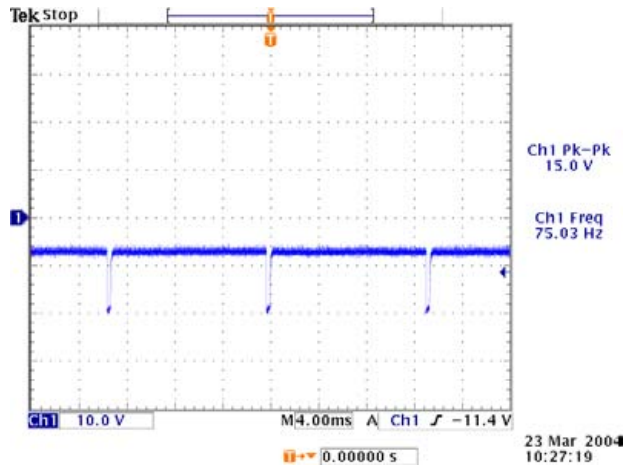
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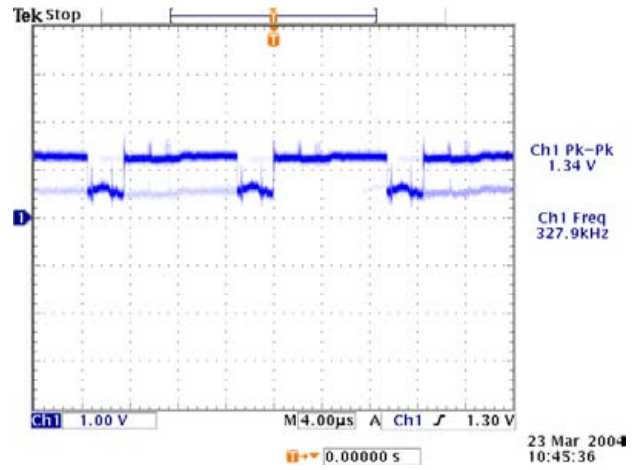
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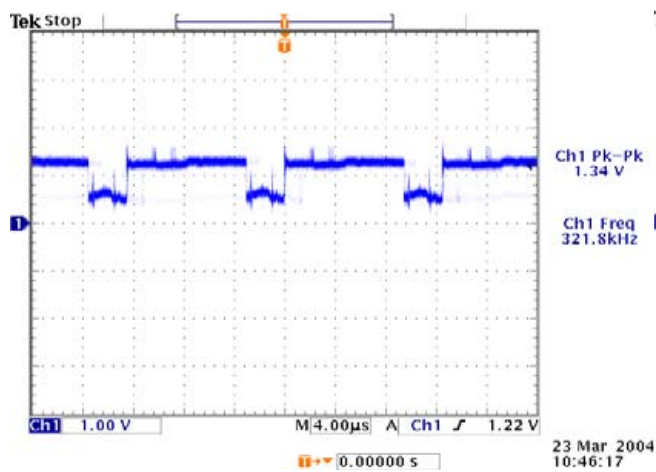
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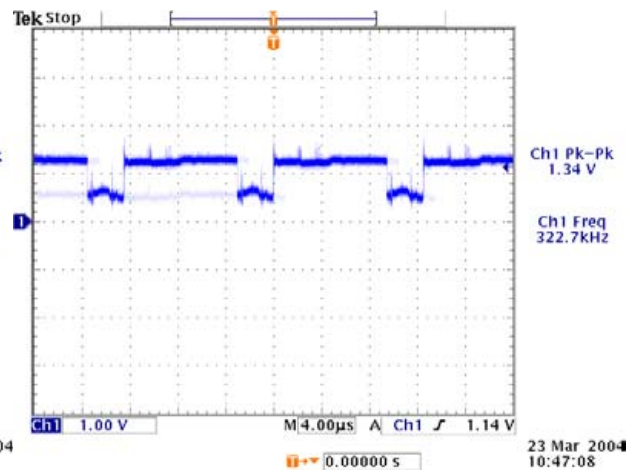
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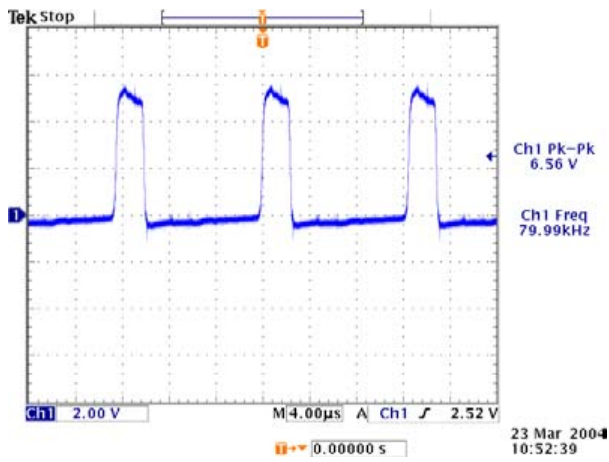
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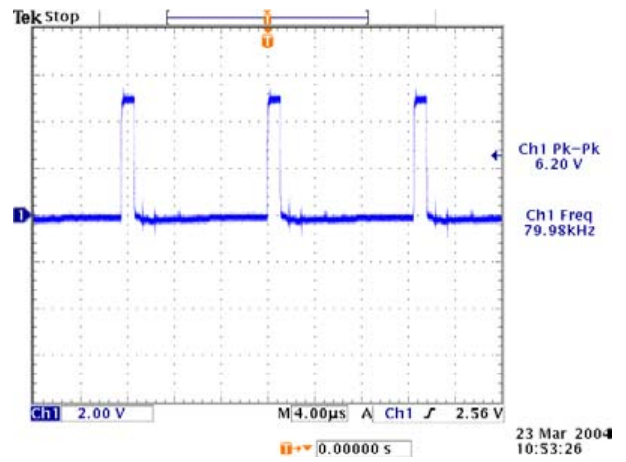
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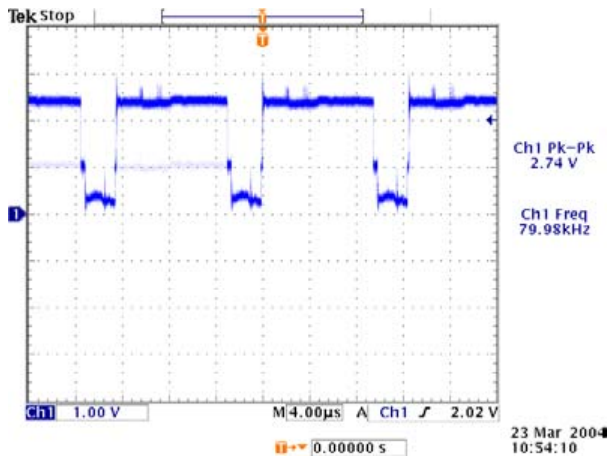
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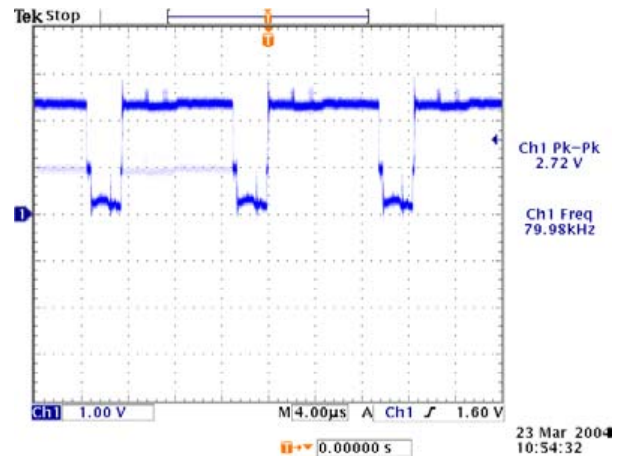
(49)



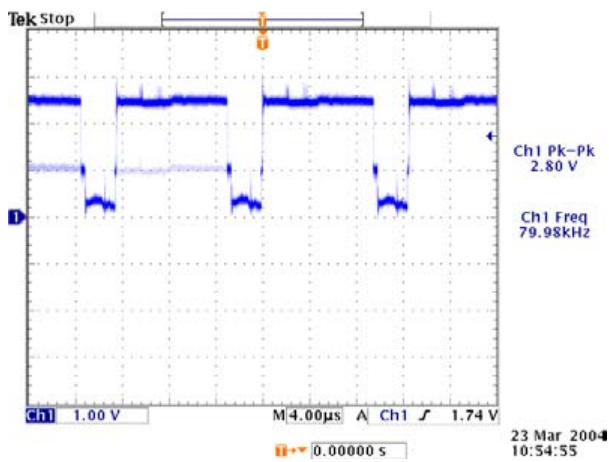
(50)



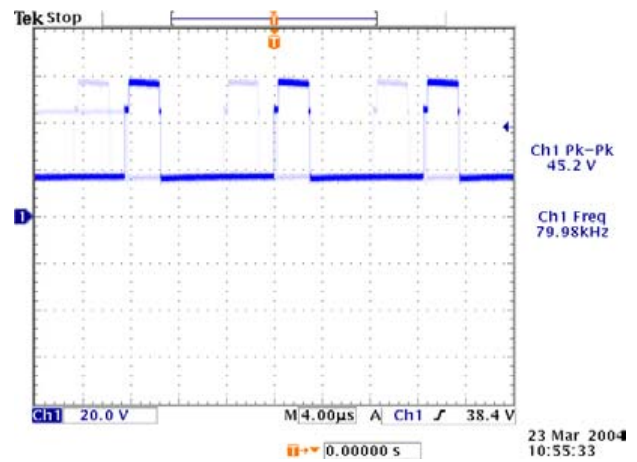
(51)



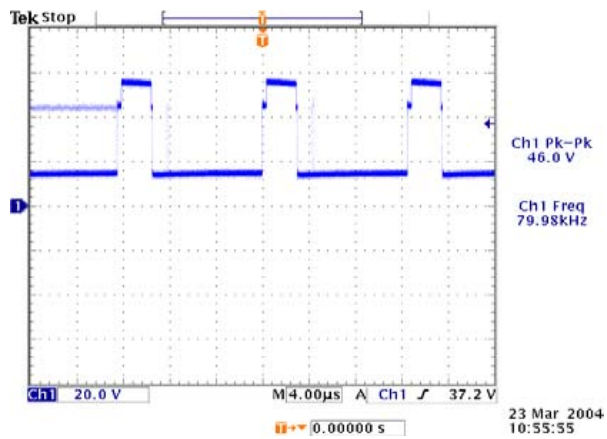
(52)



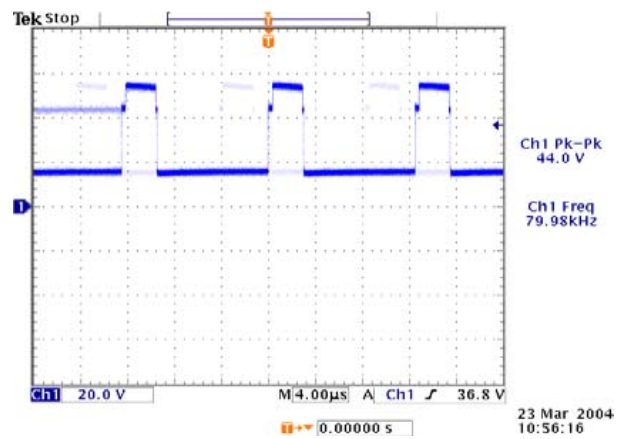
(53)



(54)



(55)



(56)

5. Adjusting Procedure

A . GENERAL .

1. All specification must be met over line voltage range of 90vac to 264VAC 50Hz / 60Hz, unless otherwise specified .
2. Operating temperature range is 0°C to 40°C with a relative humidity of 10% or less to 90% .
3. The monitor must be operational in a usable state within 30 minutes after turn-on .
4. All signal levels are measured assuming termination at the monitor's input jacks or in its characteristic impedance .
5. An ambient lighting level of 400 to 600 Lux is assumed when setting brightness for raster extinction threshold .
6. All purity related specifications must be met without external degaussing .
7. All controls must have excess range (no control may be left at an end stop when proper alignment is completed.
8. The monitor is not required to meet specs during the following but must tolerate, without damage to the CRT or circuits, any sequence or combination of power on and off, signal on and off, unplugging of power or signal, erratic, wrong frequency or noisy inputs while at any possible settings of user accessible controls likewise, the monitor should survive extended periods of operation with line voltage reduced below the specified minimum.
9. An isolation transformer should be used when performing alignment and tests . Portions of the power supply board are hot ground . The remaining boards are cold ground .
10. Discharge of CRT anode should be done only to CRT ground strap .
11. Geometric measurements assumed to be made along a straight surface with a flat rule or template .

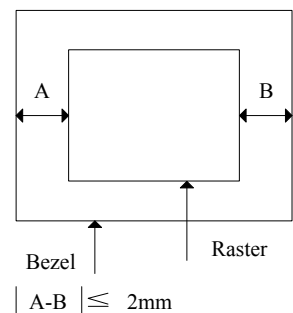
B . INSTRUMENT ALIGNMENT .

1. Defection Presets .
Control pots VR403、Focus VR are set at middle point. Screen, set to min .
2. Power Supply Alignment .
 - 2.1 Input VGA (480) signal cross-hatch pattern & beam current set at $0\mu A$.
 - 2.2 Adjust VR101 until $TP201 = 80V \pm 0.3V$.
 - 2.3 Adjust VR403 until voltage at $TP208 = 55 \pm 0.3 V$.

3. Size & Geometry Adjustment .

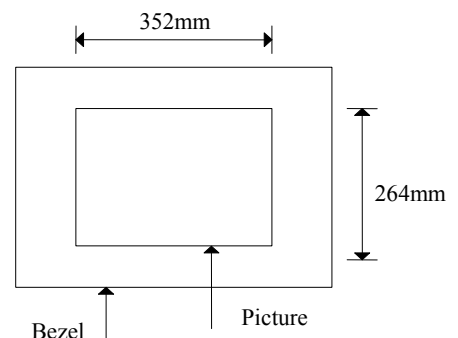
3.1 Raster Centering .

- 3.1.1 Input cross hatch pattern at 94KHz mode .
- 3.1.2 Adjust screen just raster visible .
- 3.1.3 Adjust VR401 to center raster on screen such that the horizontal distance from the midpoint of the left display edge to the left bezel edge is within 2mm of the distance from the midpoint of the right display edge to the right bezel edge .



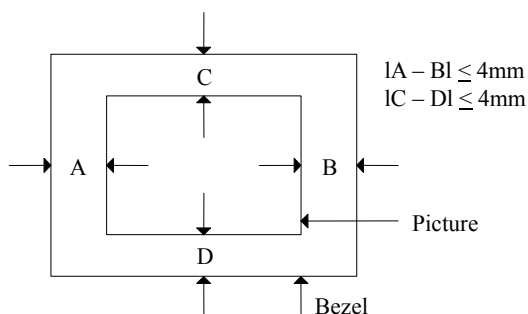
3.2 Picture Size .

Input mode 1~13 signal adjust V-size, H-size to achieve .
H-SIZE : 352mm ± 4 mm
V-SIZE : 264mm ± 4 mm



3.3 Picture Centering .

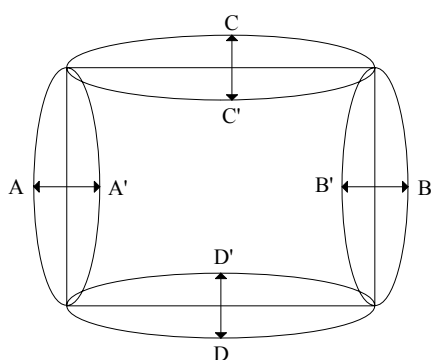
Input mode 1~13 adjust V-position, H-position such that the picture is centered with the screen .



3.4 Geometry Adjustment .

3.4.1 Input mode 1~13 .

3.4.2 Pincushion and barrel distortion .



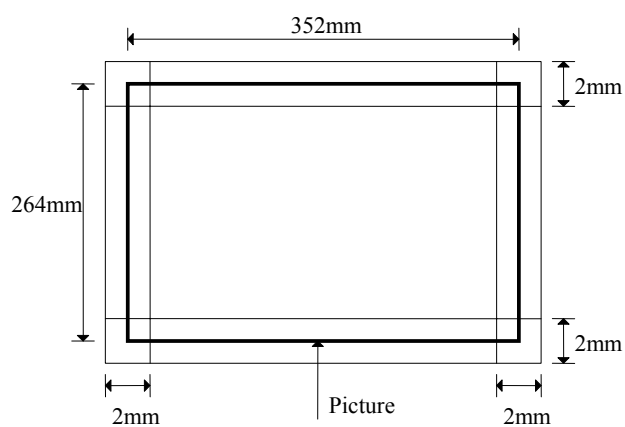
Pincushion $\leq 1\text{mm}$ (A',B',C',D')

Barrel $\leq 1\text{mm}$ (A,B,C,D)

Pincushion / Barrel distortion

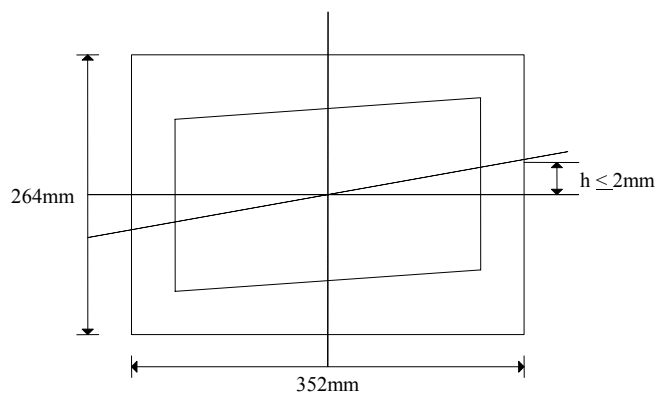
3.4.3 Trapezoid and parallelogram distortion

trapezoid / parallelogram $\leq 1.5\text{mm}$.



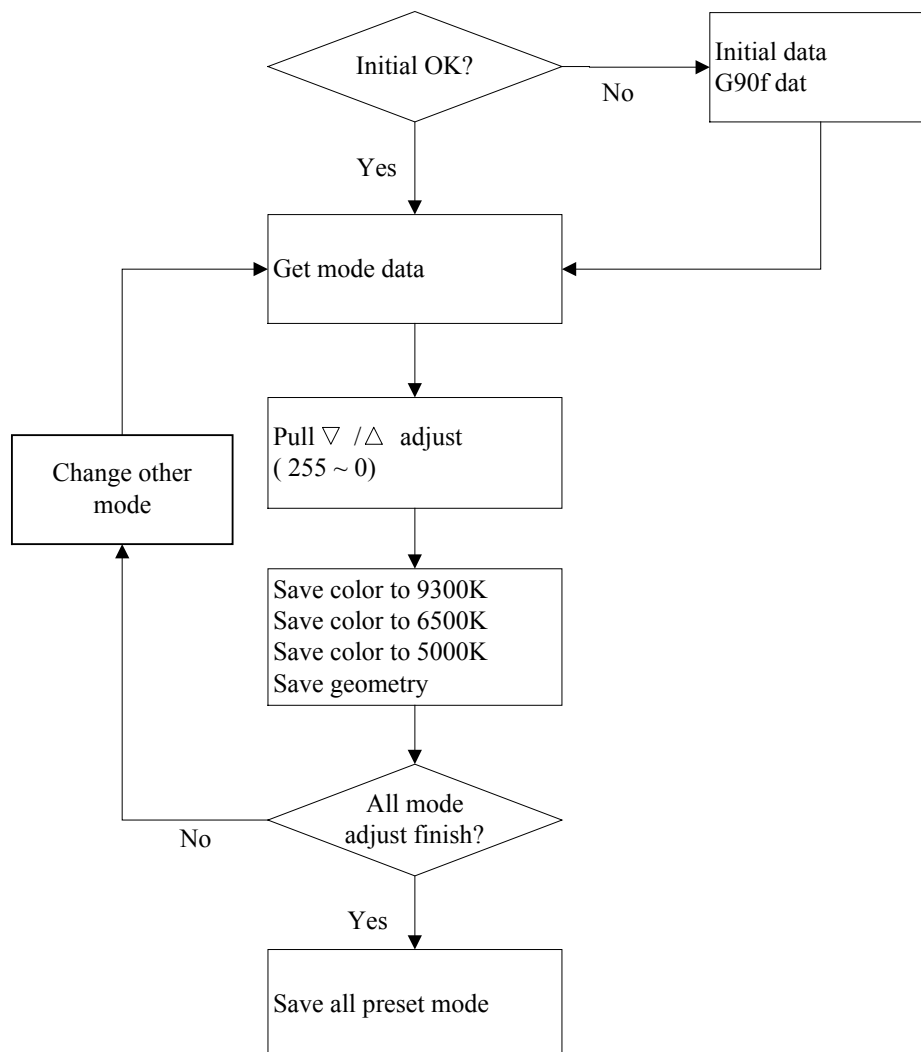
Trapezoid / Parallelogram distortion

3.4.4 Rotate adjustment .



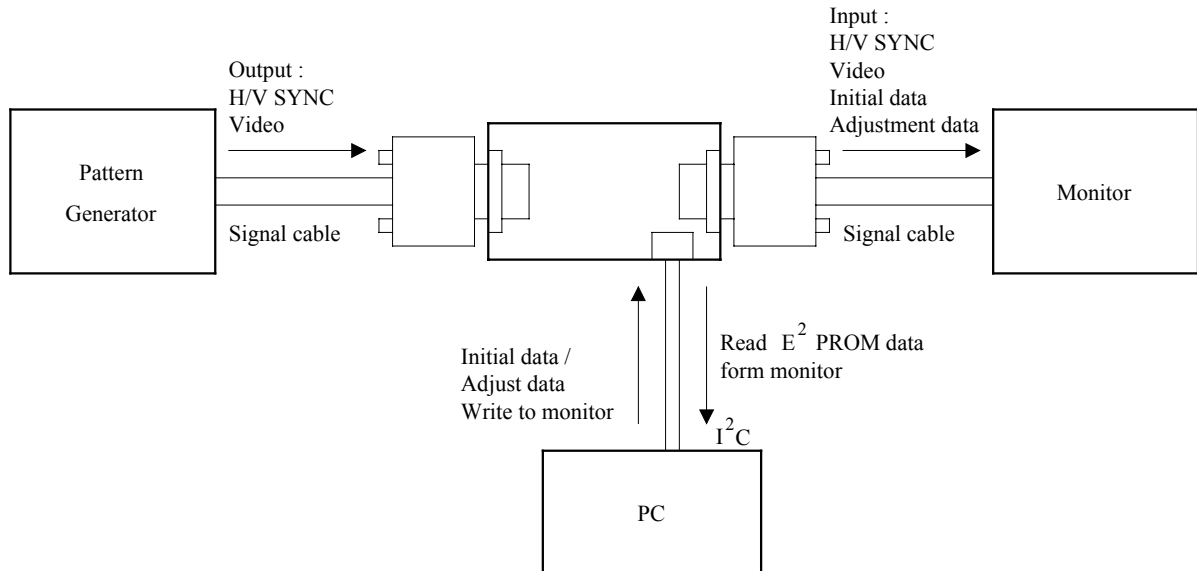
4. Video Alignment / function memory recall .
 - 4.1 Input 1028×1024 85Hz , 94KHz mode full black pattern .
 - 4.2 Set Brightness 100%, Contrast 0%, turn the G2 knob to obtain raster light O/P about 0.4 FL .
 - 4.3 Adjust R、 G、 B bias Control to meet following chromatically spec .
 9300°K → $x = 0.283 \pm 0.003$, $y = 0.297 \pm 0.003$, $Y = 0.4 \pm 0.2$ FL .
 6500°K → $x = 0.313 \pm 0.003$, $y = 0.329 \pm 0.003$, $Y = 0.4 \pm 0.2$ FL .
 5000°K → $x = 0.346 \pm 0.003$, $y = 0.359 \pm 0.003$, $Y = 0.4 \pm 0.2$ FL .
 - 4.4 Adjust Brightness to 50%, Contrast 100% .
 - 4.5 Apply 70mmx70mm green window pattern, adjust G-Driver to obtain green window pattern light O/P about 33 FL (9300°K) .
 - 4.6 Apply white window pattern, adjust R-Driver, B-Driver to meet following chromatically spec .
 9300°K → $x = 0.283 \pm 0.015$, $y = 0.297 \pm 0.015$, $Y = 40 \pm 2$ FL .
 - 4.7 Apply 70mmx70mm green window pattern, adjust G-Driver to obtain green window pattern light O/P about 32 FL (6500°K), (5000°K) .
 - 4.8 Apply white window pattern, adjust R-Driver, B-Driver to meet following chromatically spec .
 6500°K → $x = 0.313 \pm 0.020$, $y = 0.329 \pm 0.020$, $Y = 40 \pm 2$ FL .
 5000°K → $x = 0.346 \pm 0.020$, $y = 0.359 \pm 0.020$, $Y = 40 \pm 2$ FL .
 - 4.9 Apply full white pattern .
 - 4.10 Adjust ABL to obtain light O/P = 30 ± 1 FL .
 - 4.11 Functions “All mode recall” .
 Push button “1” and power switch on, the picture should restore to that of factory mode .
5. Focus Adjustment .
 - 5.1 Apply signal ALL “ME” pattern at 1280*1024 94KHz mode .
 - 5.2 Set Brightness 50%, Contrast 100% .
 - 5.3 Set focus control for best focus .

3. Fixture adjust procedure .



4. Fixture Connect .

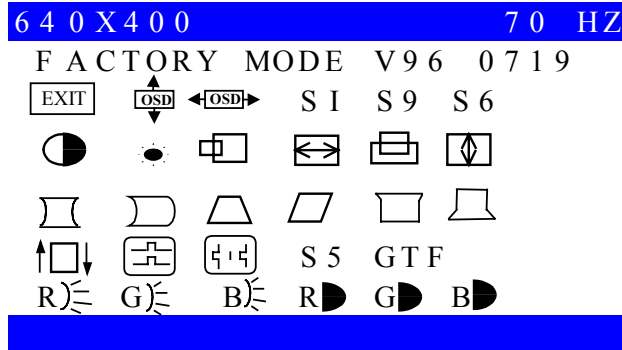
a. Fixture adjustment



5. Hot key function :

- Press 1 &  & Power on key : Into OSD service mode.
- Press  &  & Power on key : Clear burn in flag.
- Press  & 2 & Power on key : Set burn in flag.
- Press 1 & Power on key : All mode recall.

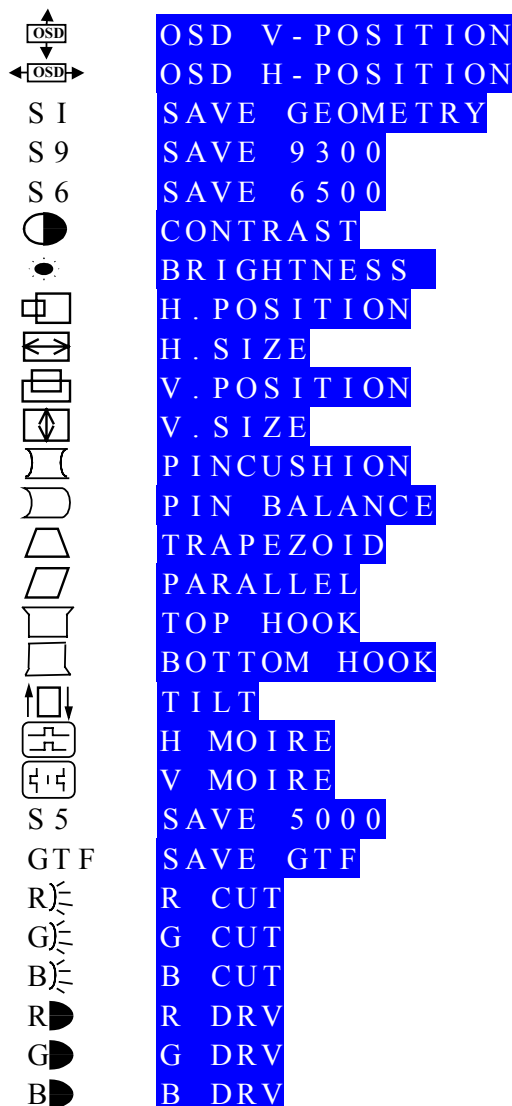
6. OSD service mode : Press & key, turn on monitor, then Press key to show OSD factory mode.



: 1. SERVICE OSD DISPLAY
2. Input Adjust
3. EXIT Adjust

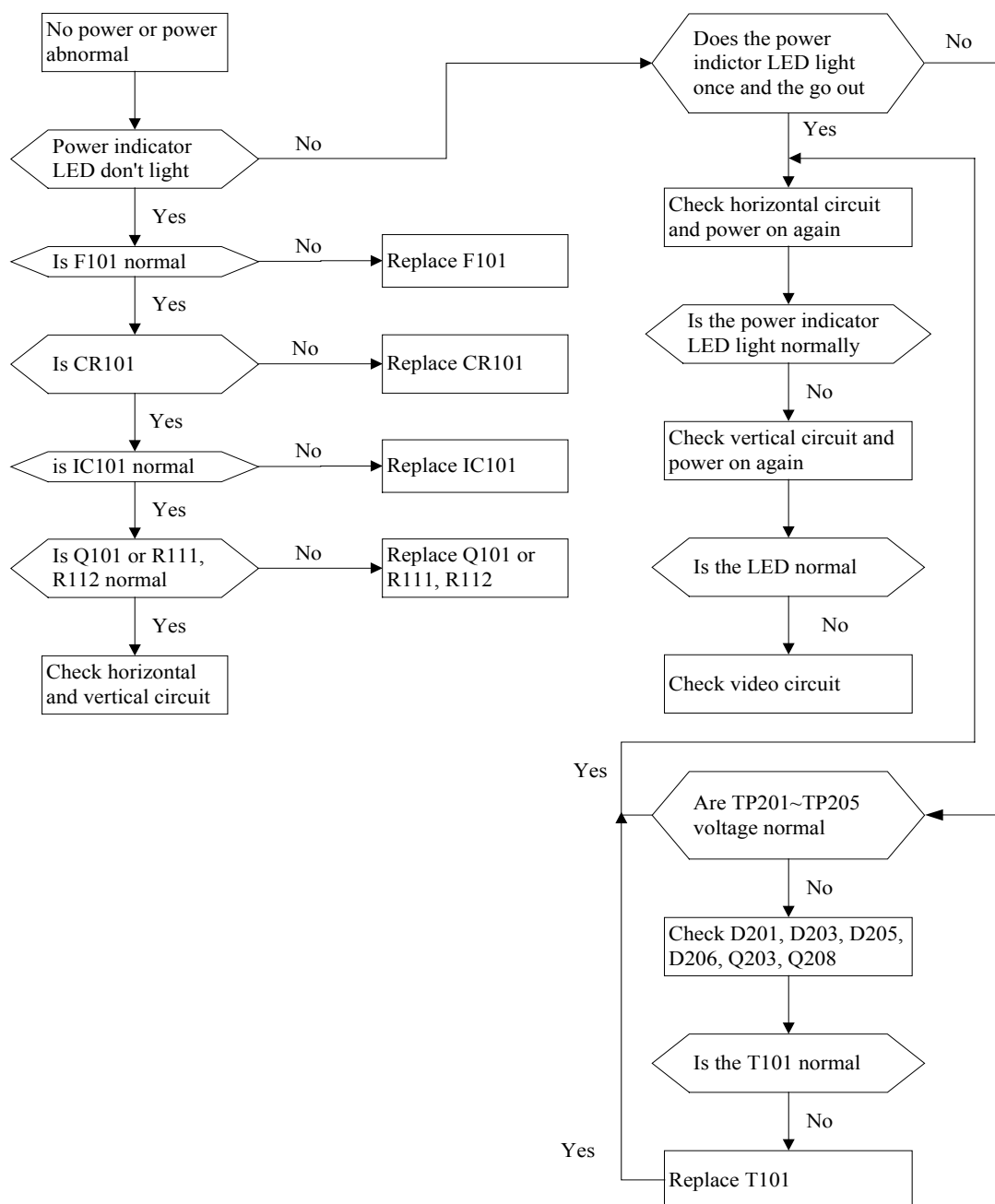
: 1. Adjust function
2. Select function

: 1. Adjust function
2. Select function

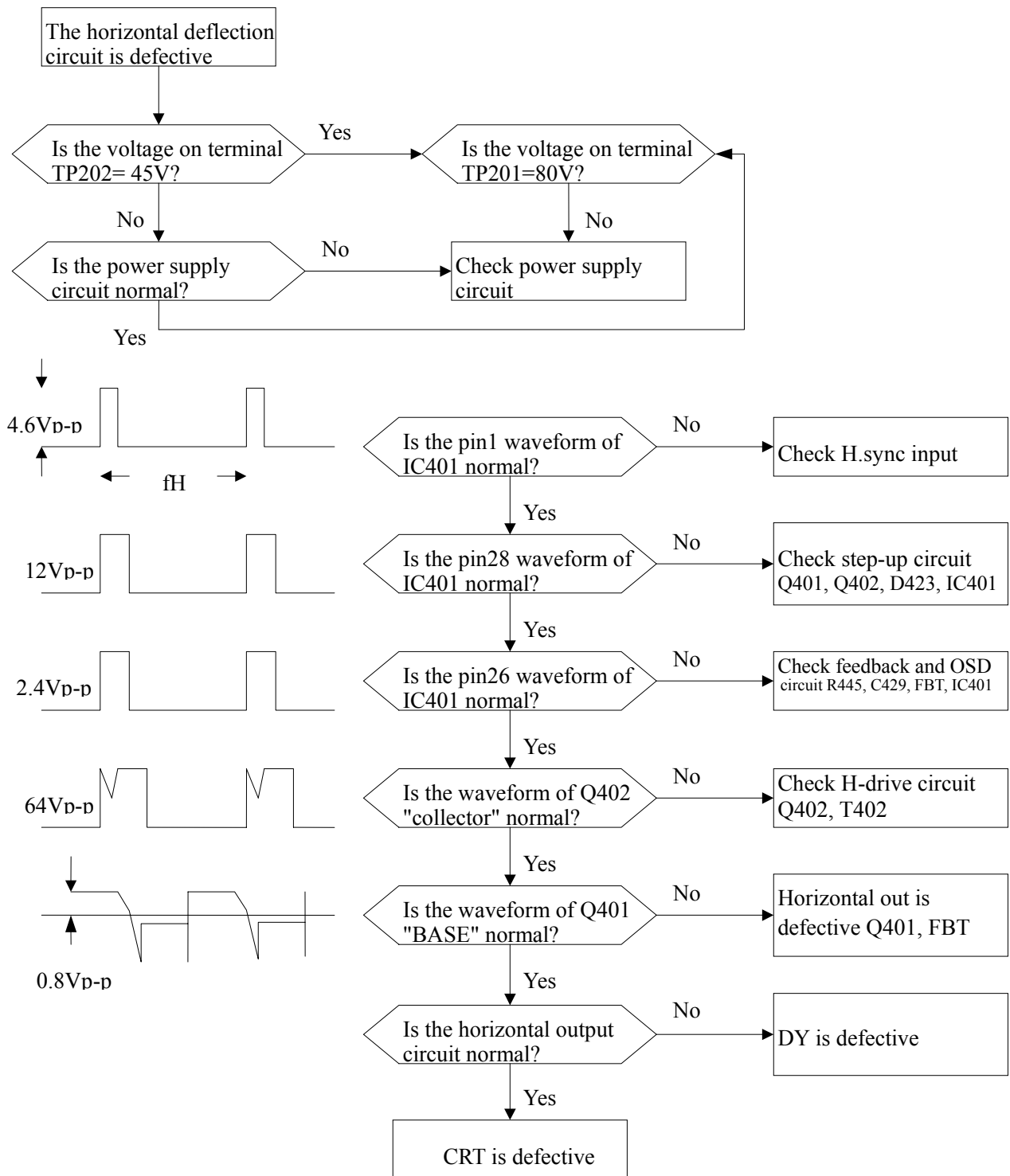


6. Trouble Shooting Flow Chart

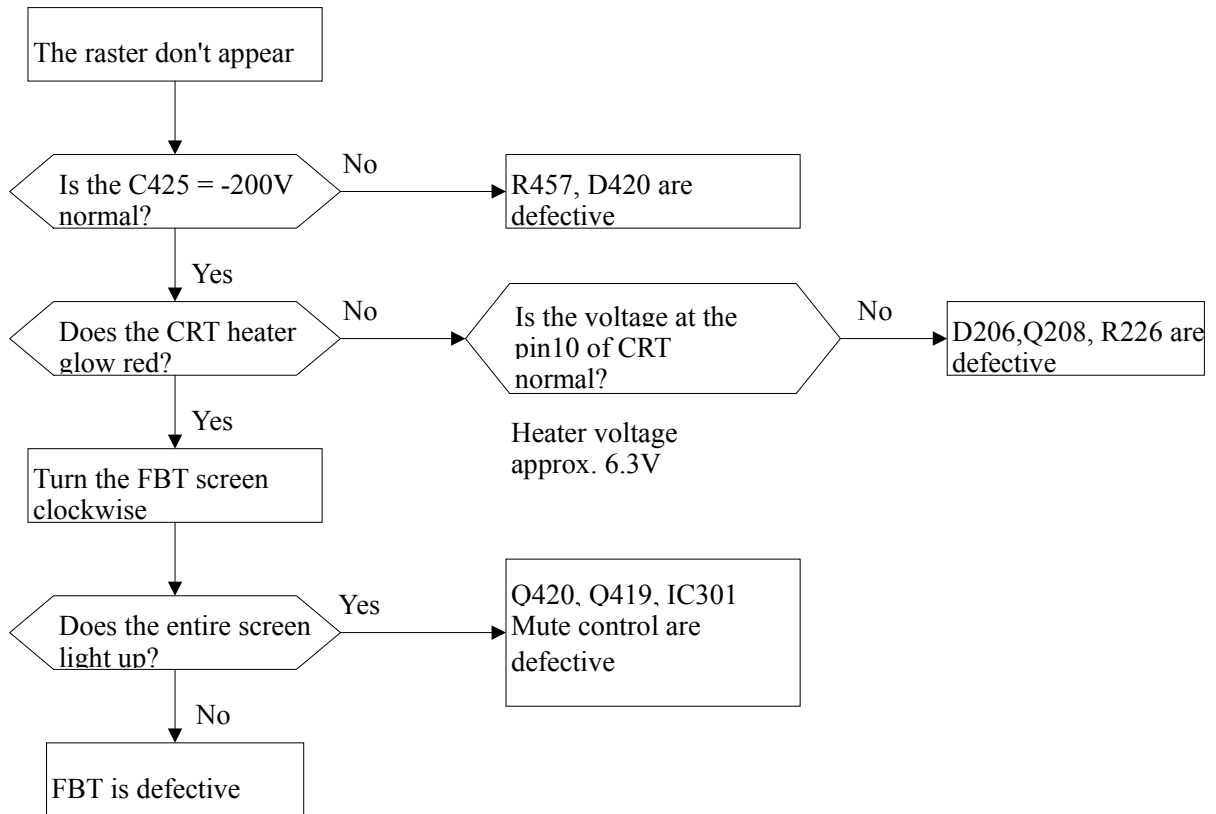
1. Power supply is defective .



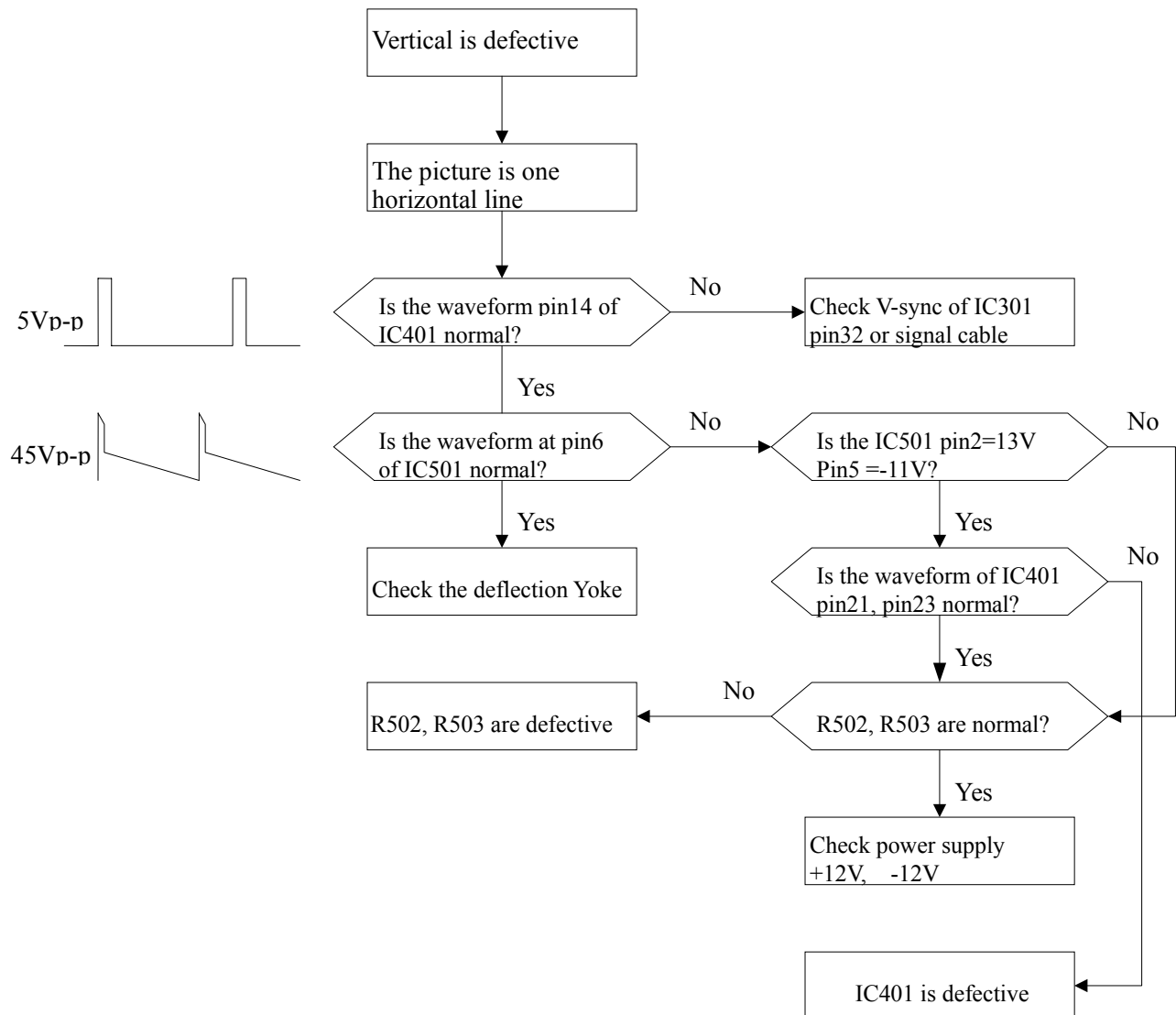
2. Horizontal deflection circuit is defective .



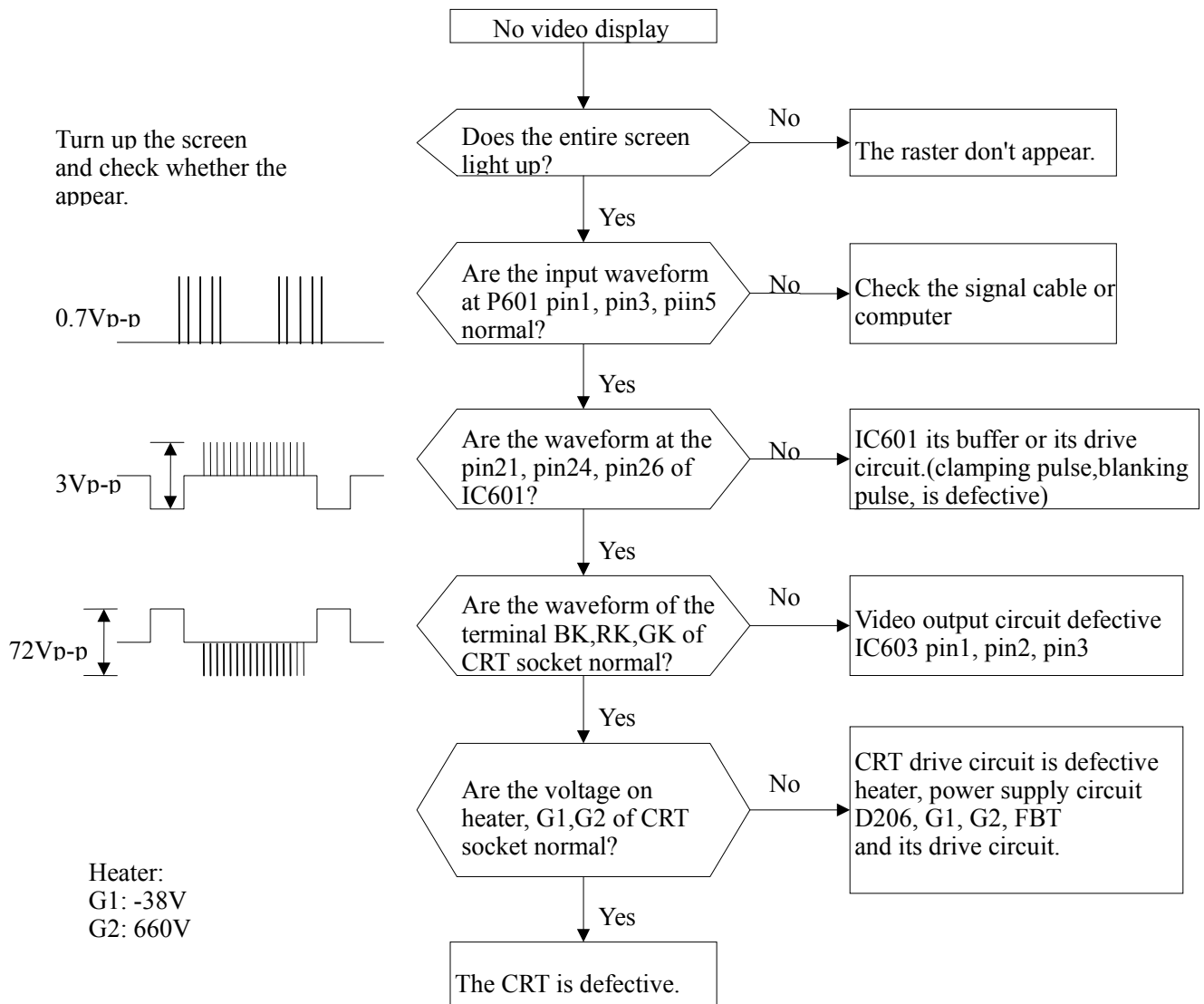
3. The raster don't appear .



4. Vertical deflection is defective .



5. Video is defective .



7. Recommended Spare Parts List

RECOMMENDED SPARE PARTS LIST (G90f-3)

ViewSonic Model Number: VCDTS23283-3

Rev: 1a

Item	Description	ECR/ECN	ViewSonic P/N	Ref. P/N	Location	Universal number#	Q'ty
1	Accessories: AC POWER CORD L=1800 (Beige)		A-PC-0106-0132	3090107700			1
2	PC Board Assembly: MAIN BD ASSY K996 SAR 01A		B-00001210	5600010632			1
3	Cabinets: F/B ASSY K996SAR01A S9PFC1AT (Beige)		C-00001211	3368316500			1
4	R/C PC+ABS Y0-487 S9RC1AT (Beige)		C-00001212	3360257500			1
5	Cables: CABLE D-SUB/HOUSING L1830 (Beige)		A-VC-0101-0350	3080423300			1
6	Documentation: CD-ROM G90F-3 K996 SAR 01A		DC-00001213	3532092500			1
7	MANUAL VIEWSONIC CRT		M-MS-0808-7881	5011088201			1
8	Electronic Components: IC 8BIT uP 60K FLASH MEMORY SDIP-42P		E-IC-0401-2734	2610031218	IC301	NT68F63U	1
9	IC EEPROM 1024*8 PDIP-8PIN		E-00001215	2610185842	IC302	M24C08-WBN6P	TBD
10	IC PWM 8PIN		E-IC-0401-0985	2510005310	IC101	E-UC3843BN	1
11	IC DEFLECTION PROCESSOR SDIP-32P		E-00000870	2530142206	IC401	STV9118	1
12	IC VERT DEFLECTION SIP-10P		E-IC-0401-2730	2530026104	IC501	KA2142	1
13	IC MASK OSD CONTROLLER SKINNY-28P		E-IC-0401-2947	2530209026	IC601	NT6813K/28-30001	1
14	IC MONO 3-CH 7nS CRT DRIVER TO220-9		E-00001220	2530159204	IC602	LM2470TA	1
15	IC 80V TRIPLE BIAS CLAMP 8PIN		E-IC-0401-2392	2500165011	IC603	LM2480	1
16	FET 800V 11A 0.9ohm TO-220		E-Q-0402-7025	242008060208	Q101	STP10NK80	1
17	TR 750V 12A TO-3PF 10		E-Q-0402-1452	210057920017	Q401	FJAF6812TU	1
18	FBT 19" 96KHZ 1.28mH		E-00001222	2850011310	T401	CF2183DE2705	TBD
19	TRANSFORMER SMT 250UH K		E-00001223	2801431200	T101	SMT-35RV-384T	TBD
20	INDUCTOR CD 14.5UH K		E-L-0407-1183	2816300400	L206		TBD
21	NTC R=8 OHM L 3A		E-TH-0416-0095	0910800216	NTC101	SCK10083LSY751	TBD
22	FUSE TSC 4A 250V UL SEM PIG		E-FS-0410-0089	0805340702	F101		1
23	Packing Material: CARTON 560*580*508 G90F-3 K996 SAR 01A		P-00001225	3512275300			1
24	END BLOCK-TOP J986SBM00A		P-00000216	3500112200			1
25	END BLOCK-BOTTOM J986SBM00A		P-00000217	3500112300			1
26	PE BAG 260*155*0.1T		M-MS-0808-8396	3520094201			1
27	Plastic: S/B ASSY J986SBM01A S9SC1AT&S9BC1AT (Beige)		PL-TB-0717-0141	3368048800			1

RECOMMENDED SPARE PARTS LIST (G90fB-3)

ViewSonic Model Number: VCDTS23283-3

Rev: 1a

Item	Description	ECR/ECN	ViewSonic P/N	Ref. P/N	Location	Universal number#	Q'ty
1	Accessories: AC POWER CORD L1830 BLK US (Black)		A-PC-0106-0194	3072000300			1
2	PC Board Assembly: MAIN BD ASSY K996 SAR 01A		B-00001210	5600010632			1
3	Cabinets: F/B ASSY K996SAW01B S9PFC1AT (Black)		C-00001109	3368320000			1
4	R/C PC+ABS EP32 S9RC1AT (Black)		C-00001110	3360259200			1
5	S/B ASSY J986SAM01B S9SC1AT&S9BC1AT (Black)		PL-TB-0717-0142	3368049000			1
6	Cables: CABLE D-SUB/HOUSING L1830 BLK OD6 (Black)		A-VC-0101-0349	3080424800			1
7	Documentation: CD-ROM G90F-3 K996 SAR 01A		DC-00001213	3532092500			1
8	MANUAL VIEWSONIC CRT		M-MS-0808-7881	5011088201			1
9	Electronic Components: IC 8BIT uP 60K FLASH MEMORY SDIP-42P		E-IC-0401-2734	2610031218	IC301	NT68F63U	1
10	IC EEPROM 1024*8 PDIP-8PIN		E-00001215	2610185842	IC302	M24C08-WBN6P	TBD
11	IC PWM 8PIN		E-IC-0401-0985	2510005310	IC101	E-UC3843BN	1
12	IC DEFLECTION PROCESSOR SDIP-32P		E-00000870	2530142206	IC401	STV9118	1
13	IC VERT DEFLECTION SIP-10P		E-IC-0401-2730	2530026104	IC501	KA2142	1
14	IC MASK OSD CONTROLLER SKINNY-28P		E-IC-0401-2947	2530209026	IC601	NT6813K/28-30001	1
15	IC MONO 3-CH 7nS CRT DRIVER TO220-9		E-00001220	2530159204	IC602	LM2470TA	1
16	IC 80V TRIPLE BIAS CLAMP 8PIN		E-IC-0401-2392	2500165011	IC603	LM2480	1
17	FET 800V 11A 0.9ohm TO-220		E-Q-0402-7025	242008060208	Q101	STP10NK80	1
18	TR 750V 12A TO-3PF 10		E-Q-0402-1452	210057920017	Q401	FJAF6812TU	1
19	FBT 19" 96KHZ 1.28mH		E-00001222	2850011310	T401	CF2183DE2705	TBD
20	TRANSFORMER SMT 250UH K		E-00001223	2801431200	T101	SMT-35RV-384T	TBD
21	INDUCTOR CD 14.5UH K		E-L-0407-1183	2816300400	L206		TBD
22	NTC R=8 OHM L 3A		E-TH-0416-0095	0910800216	NTC101	SCK10083LSY751	TBD
23	FUSE TSC 4A 250V UL SEM PIG		E-FS-0410-0089	0805340702	F101		1
24	Packing Material: CARTON 560*580*508 G90F-3 K996 SAR 01A		P-00001225	3512275300			1
25	END BLOCK-TOP J986SBM00A		P-00000216	3500112200			1
26	END BLOCK-BOTTOM J986SBM00A		P-00000217	3500112300			1
27	PE BAG 260*155*0.1T		M-MS-0808-8396	3520094201			1

BOM LIST (G90f-3)

ViewSonic Model Number: VCDTS23283-3

Rev: 1a

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal #
1	E-00001241	0741904610	CRT .25 19" 96KHZ TCO		M46QCK761X214(TCO/
2	E-L-0407-1593	2840003006	DEGAUSSING COIL 11.30OHM K		62-9903-11
3	E-L-0407-1108	2840003007	DEGAUSSING COIL 11.30 OHM K		CB-990407-1525
4	A-PC-0106-0132	3090107700	AC POWER CORD L=1800 Y0-487 UL/CSA (Beige)		
5	M-SCW-0824-0391	3100300800	SCREW M M3*0.5*8 PAN C S+P S20C ZN		
6	M-SCW-0824-0006	3109020201	SCREW T ?p4*1.4*16 PAN C S18C ZN YEL		
7	M-SCW-0824-0394	3109022200	SCREW T ?p4*1.6*35 PAN C S18C ZN		
8	M-SCW-0824-0395	3109030900	SCREW TAPPING 5*16*25 ROUND&W ZN		
9	M-LB-0813-0785	3200158900	LABEL STICKER OD10 WHT HI-POT		
10	M-LB-0813-0316	3200294600	LABEL BAR CODE 76*76 VSC		
11	M-LB-0813-0357	3200361101	LABEL BAR CODE 46*20		
12	DC-00001234	3201986300	LABEL ID 200*80.5 G90F-3 K996 SAR 01A		
13	M-LB-0813-0900	3202011000	LABEL SERIES PANEL 42*11 T0.05		
14	M-LB-0813-0901	3202118900	LABEL DOT STICKER ON CARTON ID=10 WHT		
15	M-LB-0813-0466	3209135100	NAME PLATE AL+PC VSC 3-BIRD LOGO 24.7*17		
16	M-MS-0808-7507	3220136000	TAPE W=29 #1350F-1 3M		#1350F-1 W=29
17	#N/A	3220601000	TAPE W=28 CM34 4P		CM34 W=28
18	M-MS-0808-4975	3221101500	TAPE W=76 PP47 914M 4P		PP47 W=76 914M
19	PL-CL-0710-0025	3230050300	F.B.T CLIP NY66 94V0 t=8.0		HV-1
20	PL-PD-0714-0021	3240920800	RUBBER PAD 20*6.5*5 BLACK		
21	#N/A	3240991200	RUBBER PAD 20*10 T14 BLACK		
22	PL-TB-0717-0141	3368048800	S/B ASSY J986SBM01A S9SC1AT&S9BC1AT (Beige)		
23	C-00001212	3360257500	R/C PC+ABS Y0-487 S9RC1AT (Beige)		
24	C-00001211	3368316500	F/B ASSY K996SAR01A S9PFC1AT (Beige)		
25	M-MS-0808-7805	3360506500	LED LENS PMMA NAT Y0-487 S7FB2AT		
26	PL-NB-0707-0191	3360624200	POWER KNOB ABS Y0-487 S7FB2AT (Beige)		
27	PL-FK-0709-0117	3360726800	FUNCTION KEY ABS Y0-487 S7FB2AT (Beige)		
28	C-00001211	3361096900	F/B PC+ABS Y0-487 G90F S9PFC1AT (Beige)		
29	M-MS-0808-7806	3462003900	SPRING COMPRESSION SUS304 ID6.5 L12		
30	M-MS-0808-5008	3421030303	CABLE TIE NYLON66 94V-2		YJ-98
31	M-MS-0808-5008	3421030303	CABLE TIE NYLON66 94V-2		YJ-98
32	M-MS-0808-5008	3421030303	CABLE TIE NYLON66 94V-2		YJ-98
33	M-MS-0808-5420	3421032500	CABLE TIE NYLON 94V-2 L=295		YJ-295
34	M-MS-0808-4206	3421047903	SPACER SUPPORT NYLON 94V-2 14*9*11.8		
35	P-00000216	3500112200	END BLOCK-TOP J986SBM00A		
36	P-00000217	3500112300	END BLOCK-BOTTOM J986SBM00A		
37	#N/A	3500910501	PE BAG 980*960 T.045		
38	#N/A	3500943300	PE BAG 350*450 T.06		
39	M-MS-0808-6078	3510389200	ANGLE PAPER 2170*55*55		DB-770 SBT
40	#N/A	3510477100	CAP PAPER 1145*1175*120		
41	P-00001225	3512275300	CARTON 560*580*508 G90F-3 K996 SAR 01A		
42	#N/A	3520032302	PALLET WOOD 1136*1166*126		
43	M-MS-0808-5135	3520082400	PE FILM t=0.02mm W=500		
44	M-MS-0808-8396	3520094201	PE BAG 260*155*0.1T		
45	#N/A	3524012201	PALLET FUMIGATE 565*1170*120		
46	DC-00001213	3532092500	CD-ROM G90F-3 K996 SAR 01A		
47	CB-00001233	3649110700	CRT GROUNDING WIRE K996		
48	#N/A	4090001000	SOLDER WIRE 50/50 1.6mm		
49	#N/A	5011088201	MANUAL VIEWSONIC CRT ALL MODEL		
50	B-00001210	5600010632	MAIN BD ASSY K996 SAR 01A		
51	E-R-0405-5879	0013100000	RES CF 1/4W 10 J	J106	RD1/4WJ 10R T52
52	E-R-0405-3090	0013101000	RES CF 1/4W 100 J	R467	RD1/4WJ 101 T52
53	E-R-0405-3090	0013101000	RES CF 1/4W 100 J	R468	RD1/4WJ 101 T52
54	E-R-0405-5190	0013101800	RES CF 1/4W 100 J SMALL	R323	RD16ST52 100R J
55	E-R-0405-5190	0013101800	RES CF 1/4W 100 J SMALL	R324	RD16ST52 100R J
56	E-R-0405-5190	0013101800	RES CF 1/4W 100 J SMALL	R341	RD16ST52 100R J
57	E-R-0405-5190	0013101800	RES CF 1/4W 100 J SMALL	R448	RD16ST52 100R J
58	E-R-0405-5190	0013101800	RES CF 1/4W 100 J SMALL	R458	RD16ST52 100R J
59	E-R-0405-5190	0013101800	RES CF 1/4W 100 J SMALL	R609	RD16ST52 100R J
60	E-R-0405-5190	0013101800	RES CF 1/4W 100 J SMALL	R610	RD16ST52 100R J
61	E-R-0405-5190	0013101800	RES CF 1/4W 100 J SMALL	R613	RD16ST52 100R J
62	E-R-0405-5190	0013101800	RES CF 1/4W 100 J SMALL	R616	RD16ST52 100R J
63	E-R-0405-5190	0013101800	RES CF 1/4W 100 J SMALL	R617	RD16ST52 100R J
64	E-R-0405-5190	0013101800	RES CF 1/4W 100 J SMALL	R618	RD16ST52 100R J
65	E-R-0405-5190	0013101800	RES CF 1/4W 100 J SMALL	R630	RD16ST52 100R J
66	E-R-0405-3195	0013102000	RES CF 1/4W 1K J	R120	RD1/4W 1KOHM JT/B

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal #
67	E-R-0405-3195	0013102000	RES CF 1/4W 1K J	R202	RD1/4W 1KOHM JT/B
68	E-R-0405-3195	0013102000	RES CF 1/4W 1K J	R479	RD1/4W 1KOHM JT/B
69	E-R-0405-3195	0013102000	RES CF 1/4W 1K J	R481	RD1/4W 1KOHM JT/B
70	E-R-0405-3195	0013102000	RES CF 1/4W 1K J	R482	RD1/4W 1KOHM JT/B
71	E-R-0405-5693	0013102800	RES CF 1/4W 1K J SMALL	R212	RD16ST52 1K J
72	E-R-0405-5693	0013102800	RES CF 1/4W 1K J SMALL	R220	RD16ST52 1K J
73	E-R-0405-5693	0013102800	RES CF 1/4W 1K J SMALL	R340	RD16ST52 1K J
74	E-R-0405-5693	0013102800	RES CF 1/4W 1K J SMALL	R495	RD16ST52 1K J
75	E-R-0405-5693	0013102800	RES CF 1/4W 1K J SMALL	R607	RD16ST52 1K J
76	E-R-0405-5693	0013102800	RES CF 1/4W 1K J SMALL	R615	RD16ST52 1K J
77	E-R-0405-5693	0013102800	RES CF 1/4W 1K J SMALL	R633	RD16ST52 1K J
78	E-R-0405-5693	0013102800	RES CF 1/4W 1K J SMALL	R634	RD16ST52 1K J
79	E-R-0405-5693	0013102800	RES CF 1/4W 1K J SMALL	R635	RD16ST52 1K J
80	E-R-0405-3175	0013103000	RES CF 1/4W 10K J	R110	RD25ST52 10K J
81	E-R-0405-3175	0013103000	RES CF 1/4W 10K J	R429	RD25ST52 10K J
82	E-R-0405-3175	0013103000	RES CF 1/4W 10K J	R434	RD25ST52 10K J
83	E-R-0405-3175	0013103000	RES CF 1/4W 10K J	R453	RD25ST52 10K J
84	E-R-0405-3175	0013103000	RES CF 1/4W 10K J	R477	RD25ST52 10K J
85	E-R-0405-3175	0013103000	RES CF 1/4W 10K J	R480	RD25ST52 10K J
86	E-R-0405-3175	0013103000	RES CF 1/4W 10K J	R491	RD25ST52 10K J
87	E-R-0405-3175	0013103000	RES CF 1/4W 10K J	R514	RD25ST52 10K J
88	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R206	RD16ST52 10K J
89	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R208	RD16ST52 10K J
90	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R214	RD16ST52 10K J
91	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R223	RD16ST52 10K J
92	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R307	RD16ST52 10K J
93	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R325	RD16ST52 10K J
94	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R326	RD16ST52 10K J
95	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R327	RD16ST52 10K J
96	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R328	RD16ST52 10K J
97	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R329	RD16ST52 10K J
98	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R330	RD16ST52 10K J
99	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R334	RD16ST52 10K J
100	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R338	RD16ST52 10K J
101	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R339	RD16ST52 10K J
102	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R4410	RD16ST52 10K J
103	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R451	RD16ST52 10K J
104	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R473	RD16ST52 10K J
105	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R474	RD16ST52 10K J
106	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R488	RD16ST52 10K J
107	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R512	RD16ST52 10K J
108	E-R-0405-3185	0013104000	RES CF 1/4W 100K J	R422	RD25ST52 100K J
109	E-R-0405-5690	0013104800	RES CF 1/4W 100K J SMALL	R121	RD16ST52 100K J
110	E-R-0405-5690	0013104800	RES CF 1/4W 100K J SMALL	R410	RD16ST52 100K J
111	E-R-0405-5690	0013104800	RES CF 1/4W 100K J SMALL	R4406	RD16ST52 100K J
112	E-R-0405-5690	0013104800	RES CF 1/4W 100K J SMALL	R511	RD16ST52 100K J
113	E-R-0405-3183	0013105000	RES CF 1/4W 1M J	R493	BCW4J0105
114	E-R-0405-5695	0013106800	RES CF 1/4W 10M J SMALL	R309	BCS4J0106A0
115	#N/A	0013113800	RES CF 1/4W 11K J SMALL	R129	RD16ST52 11K J
116	#N/A	0013113800	RES CF 1/4W 11K J SMALL	R510	RD16ST52 11K J
117	E-R-0405-5699	0013114800	RES CF 1/4W 110K J SMALL	R461	RD16ST52 110K J
118	#N/A	0013122000	RES CF 1/4W 1.2K J	R128	RD 1/4W 1.2KOHM JT
119	E-R-0405-5809	0013123800	RES CF 1/4W 12K J SMALL	R418	RD16ST52 12K J
120	E-R-0405-5702	0013134800	RES CF 1/4W 130K J SMALL	R417	RD16ST52 130K J
121	E-R-0405-2330	0013153000	RES CF 1/4W 15K J	R440	RD1/4W 15KOHM JT/B
122	E-R-0405-2330	0013153000	RES CF 1/4W 15K J	R444	RD1/4W 15KOHM JT/B
123	E-R-0405-2330	0013153000	RES CF 1/4W 15K J	R455	RD1/4W 15KOHM JT/B
124	E-R-0405-5705	0013153800	RES CF 1/4W 15K J SMALL	R452	CFR-25SJT 15K
125	E-R-0405-5706	0013154800	RES CF 1/4W 150K J SMALL	R516	RD16ST52 150K J
126	E-R-0405-5707	0013163800	RES CF 1/4W 16K J SMALL	R416	RD16ST52 16K J
127	#N/A	0013181800	RES CF 1/4W 180 J SMALL	R4402	RD1/4S 181 JTB
128	#N/A	0013181800	RES CF 1/4W 180 J SMALL	R496	RD1/4S 181 JTB
129	E-R-0405-2328	0013183000	RES CF 1/4W 18K J	R123	RD25ST52 18K J
130	E-R-0405-3450	0013201000	RES CF 1/4W 200 J	R631	RD1/4WJ 201 T52
131	E-R-0405-5887	0013220000	RES CF 1/4W 22 J	R109	RD1/4W 22OHM JT/B
132	E-R-0405-5888	0013221000	RES CF 1/4W 220 J	R438	RD25ST52 220R J
133	E-R-0405-5888	0013221000	RES CF 1/4W 220 J	R4404	RD25ST52 220R J
134	E-R-0405-5888	0013221000	RES CF 1/4W 220 J	R465	RD25ST52 220R J
135	E-R-0405-5712	0013221800	RES CF 1/4W 220 J SMALL	R442	RD1/4WST52 220 J

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal #
136	E-R-0405-5712	0013221800	RES CF 1/4W 220 J SMALL	R641	RD1/4WST52 220 J
137	E-R-0405-5712	0013221800	RES CF 1/4W 220 J SMALL	R642	RD1/4WST52 220 J
138	E-R-0405-5712	0013221800	RES CF 1/4W 220 J SMALL	R643	RD1/4WST52 220 J
139	E-R-0405-3072	0013222000	RES CF 1/4W 2.2K J	R211	RD1/4W 2.2KOHM JT
140	E-R-0405-3072	0013222000	RES CF 1/4W 2.2K J	R317	RD1/4W 2.2KOHM JT
141	E-R-0405-3072	0013222000	RES CF 1/4W 2.2K J	R318	RD1/4W 2.2KOHM JT
142	E-R-0405-3072	0013222000	RES CF 1/4W 2.2K J	R483	RD1/4W 2.2KOHM JT
143	E-R-0405-5713	0013222800	RES CF 1/4W 2.2K J SMALL	R462	RD16ST52 2.2K J
144	E-R-0405-5713	0013222800	RES CF 1/4W 2.2K J SMALL	R484	RD16ST52 2.2K J
145	E-R-0405-5932	0013224800	RES CF 1/4W 220K J SMALL	R492	RD16ST52 220K J
146	E-R-0405-5715	0013228800	RES CF 1/4W 2.2 J SMALL	R409	RD1/4WSJ 2R2 T52
147	E-R-0405-5718	0013243800	RES CF 1/4W 24K J SMALL	R106	RD16ST52 24K J
148	E-R-0405-5718	0013243800	RES CF 1/4W 24K J SMALL	R485	RD16ST52 24K J
149	E-R-0405-5720	0013270800	RES CF 1/4W 27 J SMALL	R124	RD16ST52 27R J
150	#N/A	0013271800	RES CF 1/4W 270 J SMALL	R125	RD 1/4WS 270OHM JT
151	E-R-0405-5721	0013272800	RES CF 1/4W 2.7K J SMALL	R122	RD16ST52 2.7K J
152	E-R-0405-2379	0013273000	RES CF 1/4W 27K J	R475	BCW4J0273A0
153	E-R-0405-5722	0013273800	RES CF 1/4W 27K J SMALL	R463	RD16ST52 27K J
154	E-R-0405-5723	0013301800	RES CF 1/4W 300 J SMALL	R499	RD16ST52 300R J
155	E-R-0405-5724	0013302800	RES CF 1/4W 3K J SMALL	R472	RD16ST52 3K J
156	E-R-0405-5725	0013303800	RES CF 1/4W 30K J SMALL	R301	CFR-25SJT 30K
157	#N/A	0013304800	RES CF 1/4W 300K J SMALL	R405	RD16ST52 300K J
158	E-R-0405-5819	0013330000	RES CF 1/4W 33 J	R604	RD1/4WJ 33R T52
159	E-R-0405-5819	0013330000	RES CF 1/4W 33 J	R605	RD1/4WJ 33R T52
160	E-R-0405-5819	0013330000	RES CF 1/4W 33 J	R606	RD1/4WJ 33R T52
161	E-R-0405-5730	0013330800	RES CF 1/4W 33 J SMALL	R608	RD16ST52 33R J
162	E-R-0405-6509	0013331000	RES CF 1/4W 330 J	R313	RD1/4W 330OHM JT/B
163	E-R-0405-6509	0013331000	RES CF 1/4W 330 J	R314	RD1/4W 330OHM JT/B
164	E-R-0405-6509	0013331000	RES CF 1/4W 330 J	R336	RD1/4W 330OHM JT/B
165	E-R-0405-5731	0013331800	RES CF 1/4W 330 J SMALL	R321	RD16ST52 330R J
166	E-R-0405-5731	0013331800	RES CF 1/4W 330 J SMALL	R322	RD16ST52 330R J
167	E-R-0405-2532	0013332000	RES CF 1/4W 3.3K J	R335	RD25ST52 3.3K J
168	E-R-0405-5732	0013332800	RES CF 1/4W 3.3K J SMALL	R319	RD16ST52 3.3K J
169	E-R-0405-5732	0013332800	RES CF 1/4W 3.3K J SMALL	R332	RD16ST52 3.3K J
170	E-R-0405-5732	0013332800	RES CF 1/4W 3.3K J SMALL	R333	RD16ST52 3.3K J
171	E-R-0405-5732	0013332800	RES CF 1/4W 3.3K J SMALL	R337	RD16ST52 3.3K J
172	E-R-0405-5732	0013332800	RES CF 1/4W 3.3K J SMALL	R342	RD16ST52 3.3K J
173	E-R-0405-5732	0013332800	RES CF 1/4W 3.3K J SMALL	R4405	RD16ST52 3.3K J
174	E-R-0405-5732	0013332800	RES CF 1/4W 3.3K J SMALL	R446	RD16ST52 3.3K J
175	E-R-0405-5733	0013334800	RES CF 1/4W 330K J SMALL	R478	ERDS2TJ334V
176	#N/A	0013362000	RES CF 1/4W 3.6K J	R476	RD25ST52 3.6K J
177	E-R-0405-5742	0013394800	RES CF 1/4W 390K J SMALL	R612	RD16ST52 390K J
178	#N/A	0013431000	RES CF 1/4W 430 J	R315	RD25ST52 430R J
179	#N/A	0013431000	RES CF 1/4W 430 J	R316	RD25ST52 430R J
180	E-R-0405-2462	0013470000	RES CF 1/4W 47 J	R406	RD25ST52 47R J
181	E-R-0405-2462	0013470000	RES CF 1/4W 47 J	R619	RD25ST52 47R J
182	E-R-0405-2462	0013470000	RES CF 1/4W 47 J	R620	RD25ST52 47R J
183	E-R-0405-2462	0013470000	RES CF 1/4W 47 J	R621	RD25ST52 47R J
184	E-R-0405-5748	0013470800	RES CF 1/4W 47 J SMALL	R201	RD1/4S 470 JTB
185	E-R-0405-5748	0013470800	RES CF 1/4W 47 J SMALL	R207	RD1/4S 470 JTB
186	E-R-0405-5749	0013471800	RES CF 1/4W 470 J SMALL	R210	RD 1/4WS 470OHM JT
187	E-R-0405-3210	0013472000	RES CF 1/4W 4.7K J	R439	BCW4J0472A0
188	E-R-0405-3210	0013472000	RES CF 1/4W 4.7K J	R456	BCW4J0472A0
189	E-R-0405-5750	0013472800	RES CF 1/4W 4.7K J SMALL	R127	RD16ST52 4.7K J
190	E-R-0405-5750	0013472800	RES CF 1/4W 4.7K J SMALL	R302	RD16ST52 4.7K J
191	E-R-0405-5750	0013472800	RES CF 1/4W 4.7K J SMALL	R303	RD16ST52 4.7K J
192	E-R-0405-5750	0013472800	RES CF 1/4W 4.7K J SMALL	R304	RD16ST52 4.7K J
193	E-R-0405-5750	0013472800	RES CF 1/4W 4.7K J SMALL	R305	RD16ST52 4.7K J
194	E-R-0405-5750	0013472800	RES CF 1/4W 4.7K J SMALL	R306	RD16ST52 4.7K J
195	E-R-0405-5750	0013472800	RES CF 1/4W 4.7K J SMALL	R320	RD16ST52 4.7K J
196	E-R-0405-5750	0013472800	RES CF 1/4W 4.7K J SMALL	R331	RD16ST52 4.7K J
197	E-R-0405-5750	0013472800	RES CF 1/4W 4.7K J SMALL	R443	RD16ST52 4.7K J
198	E-R-0405-5750	0013472800	RES CF 1/4W 4.7K J SMALL	R490	RD16ST52 4.7K J
199	E-R-0405-3217	0013473000	RES CF 1/4W 47K J	R441	RD25ST52 47K J
200	E-R-0405-3217	0013473000	RES CF 1/4W 47K J	R466	RD25ST52 47K J
201	E-R-0405-5751	0013473800	RES CF 1/4W 47K J SMALL	R424	RD16ST52 47K J
202	E-R-0405-5751	0013473800	RES CF 1/4W 47K J SMALL	R437	RD16ST52 47K J
203	E-R-0405-5752	0013474800	RES CF 1/4W 470K J SMALL	R622	RD1/4WS 470KOHM JT
204	E-R-0405-5752	0013474800	RES CF 1/4W 470K J SMALL	R624	RD1/4WS 470KOHM JT

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal #
205	E-R-0405-5752	0013474800	RES CF 1/4W 470K J SMALL	R626	RD1/4WS 470KOHM JT
206	#N/A	0013510000	RES CF 1/4W 51 J	R623	RD1/4 510 JTB
207	#N/A	0013510000	RES CF 1/4W 51 J	R625	RD1/4 510 JTB
208	#N/A	0013510000	RES CF 1/4W 51 J	R627	RD1/4 510 JTB
209	E-R-0405-5828	0013512800	RES CF 1/4W 5.1K J SMALL	R419	RD16ST52 5.1K J
210	E-R-0405-5828	0013512800	RES CF 1/4W 5.1K J SMALL	R447	RD16ST52 5.1K J
211	#N/A	0013560000	RES CF 1/4W 56 J	R427	RD25ST52 56R J
212	E-R-0405-5755	0013562800	RES CF 1/4W 5.6K J SMALL	R423	RD16ST52 5.6K J
213	E-R-0405-5755	0013562800	RES CF 1/4W 5.6K J SMALL	R4401	RD16ST52 5.6K J
214	E-R-0405-5755	0013562800	RES CF 1/4W 5.6K J SMALL	R611	RD16ST52 5.6K J
215	E-R-0405-2485	0013563000	RES CF 1/4W 56K J	R413	RD25ST52 560K J
216	E-R-0405-2485	0013563000	RES CF 1/4W 56K J	R414	RD25ST52 560K J
217	E-R-0405-3738	0013622000	RES CF 1/4W 6.2K J	R131	RD1/4 622 JTB
218	#N/A	0013680000	RES CF 1/4W 68 J	R312	RD1/4WJ 68R T52
219	E-R-0405-5756	0013682800	RES CF 1/4W 6.8K J SMALL	R486	RD16ST52 6.8K J
220	E-R-0405-5901	0013683000	RES CF 1/4W 68K J	R494	RD25ST52 68K J
221	E-R-0405-5833	0013752800	RES CF 1/4W 7.5K J SMALL	R130	RD16ST52 7.5K J
222	#N/A	0013820000	RES CF 1/4W 82 J	R310	RD1/4WJ 82R T52
223	#N/A	0013821800	RES CF 1/4W 820 J SMALL	R227	RD16ST52 820R J
224	E-R-0405-5835	0013822800	RES CF 1/4W 8.2K J SMALL	R449	RD16ST52 8.2K J
225	E-R-0405-6670	0013913000	RES CF 1/4W 91K J	R487	RD1/4W 91KOHM JT/B
226	E-R-0405-5764	0023102000	RES CF 1/2W 1K J	R204	RD50ST52 1K J
227	E-R-0405-5764	0023102000	RES CF 1/2W 1K J	R218	RD50ST52 1K J
228	E-R-0405-5764	0023102000	RES CF 1/2W 1K J	R636	RD50ST52 1K J
229	E-R-0405-4359	0023105000	RES CF 1/2W 1M J	R101	RD1/2W 1MOHM JT/B
230	#N/A	0023108000	RES CF 1/2W 1 J	R116	RD50ST52 1R J
231	#N/A	0023150000	RES CF 1/2W 15 J	R404	RD1/2WJ 15R T52
232	#N/A	0023188000	RES CF 1/2W 1.8 J	R506	RD1/2WJ 1R8 T52
233	E-R-0405-6804	0023208000	RES CF 1/2W 2 J	R505	RD50ST52 2R J
234	E-R-0405-5939	0023224000	RES CF 1/2W 220K J	R460	RD50ST52 220K J
235	E-R-0405-5939	0023224000	RES CF 1/2W 220K J	R464	RD50ST52 220K J
236	E-R-0405-3524	0023228000	RES CF 1/2W 2.2 J	R115	RD50ST52 2R2 J
237	E-R-0405-6831	0023273000	RES CF 1/2W 27K J	R216	RD50ST52 27K J
238	E-R-0405-5770	0023303000	RES CF 1/2W 30K J	R629	RD50ST52 30K J
239	E-R-0405-6806	0023330000	RES CF 1/2W 33 J	R108	RD1/2W 33OHM JT/B
240	E-R-0405-0046	0023331000	RES CF 1/2W 330 J	R508	RD1/2W 330OHM JT/B
241	#N/A	0023332000	RES CF 1/2W 3.3K J	R407	RD50ST52 3.3K J
242	#N/A	0023390000	RES CF 1/2W 39 J	R222	RD50ST52 39R J
243	#N/A	0023478000	RES CF 1/2W 4.7 J	R632	RD50ST52 4R7 J
244	#N/A	0023564000	RES CF 1/2W 560K J	R104	RD50ST52 560K J
245	#N/A	0023564000	RES CF 1/2W 560K J	R105	RD50ST52 560K J
246	E-R-0405-6832	0023623000	RES CF 1/2W 62K J	R221	RD50ST52 62K J
247	#N/A	0111040800	RES MF 1/4W 820 F SMALL	R430	
248	#N/A	0111040800	RES MF 1/4W 820 F SMALL	R433	
249	E-R-0405-6304	0111053800	RES MF 1/4W 5.6K F SMALL	R507	
250	E-R-0405-5943	0111059800	RES MF 1/4W 10K F SMALL	R435	SN1/4WST52 10K F
251	E-R-0405-6082	0111061800	RES MF 1/4W 12K F SMALL	R515	
252	E-R-0405-5801	0111065800	RES MF 1/4W 18K F SMALL	R454	
253	#N/A	0111123800	RES MF 1/4W 8.45K F SMALL	R432	SN1/4WST52 8.45KOH
254	#N/A	0111135800	RES MF 1/4W 36K F SMALL	R426	
255	#N/A	0111135800	RES MF 1/4W 36K F SMALL	R431	
256	E-R-0405-6833	0111170800	RES MF 1/4W 3.83K F SMALL	R504	SN1/4WST52 3.83K F
257	#N/A	0111272800	RES MF 1/4W 51.1K F SMALL	R436	
258	#N/A	0111337800	RES MF 1/4W 9.09K F SMALL	R459	
259	#N/A	0111356800	RES MF 1/4W 24.3K F SMALL	R469	
260	#N/A	0111356800	RES MF 1/4W 24.3K F SMALL	R509	
261	E-R-0405-7087	0111383800	RES MF 1/4W 82.5 F SMALL	R601	MFR-25SFT 82R5
262	E-R-0405-7087	0111383800	RES MF 1/4W 82.5 F SMALL	R602	MFR-25SFT 82R5
263	E-R-0405-7087	0111383800	RES MF 1/4W 82.5 F SMALL	R603	MFR-25SFT 82R5
264	#N/A	0111409800	RES MF 1/4W 6.49K F SMALL	R471	
265	#N/A	0111427800	RES MF 1/4W 39K F SMALL	R513	MFS1/4DCT52A3902F
266	#N/A	0111436800	RES MF 1/4W 41.2K F SMALL	R470	
267	#N/A	0111442800	RES MF 1/4W 2.87K F SMALL	R415	
268	#N/A	0111588800	RES MF 1/4W 2.2K F SMALL	R428	RN1/4WS 2.2K FT/B
269	#N/A	0111588800	RES MF 1/4W 2.2K F SMALL	R450	RN1/4WS 2.2K FT/B
270	E-R-0405-5726	0133100000	RES MOF 1W 10 J	R420	RSN1WT63 J 10R
271	E-R-0405-5727	0133101000	RES MOF 1W 100 J	R4403	RSU01J 1000 A520
272	#N/A	0133124000	RES MOF 1W 120K J	R103	RSU01J 1203 A520
273	E-R-0405-5818	0133151000	RES MOF 1W 150 J	R421	

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal #
274	#N/A	0133152000	RES MOF 1W 1.5K J	R219	
275	E-R-0405-5729	0133181000	RES MOF 1W 180 J	R215	BO1WJ0181
276	E-R-0405-6836	0133302000	RES MOF 1W 3K J	R4408	RSN1WJ 3K T52
277	E-R-0405-6836	0133302000	RES MOF 1W 3K J	R489	RSN1WJ 3K T52
278	#N/A	0133399000	RES MOF 1W .39 J	R111	
279	#N/A	0133399000	RES MOF 1W .39 J	R112	
280	#N/A	0133439000	RES MOF 1W .43 J	R203	
281	E-R-0405-5735	0133471000	RES MOF 1W 470 J	R209	
282	#N/A	0133752000	RES MOF 1W 7.5K J	R224	
283	#N/A	0143121200	RES MOF 2W 120 J VDK	R425	RSI-2 121 J42B
284	#N/A	0143128000	RES MOF 2W 1.2 J	R213	
285	E-R-0405-5838	0143151000	RES MOF 2W 150 J	R408	
286	#N/A	0143391200	RES MOF 2W 390 J VDK	R117	MOR2WJ 390R F1
287	E-R-0405-4136	0143473200	RES MOF 2W 47K J VDK	R102	RSU02 J 4702 FB
288	E-R-0405-6308	0143689200	RES MOF 2W .68 J VDK	R403	
289	E-R-0405-0923	0190200400	RES FUSIBLE MF 1/2W .22 J SMALL	R457	RFS12JR220A520NL
290	E-R-0405-6645	0190204200	RES FUSIBLE MF 1/2W .1 J	R114	RF50CT52AR10J
291	E-R-0405-5777	0606113002	RES VR VERT 3/10W 200 M	VR401	VM6CKPH2-1S-B200
292	E-R-0405-5777	0606113004	RES VR VERT 0.1W 200 T	VR401	VZ067TH1B201
293	E-R-0405-5777	0606113013	RES VR VERT 0.3W 200 T	VR401	RVM-06VP01-1-201
294	E-R-0405-5778	0606201002	RES VR HORI 3/10W 1K M	VR101	VM6CKPV-1S-B1K
295	E-R-0405-5778	0606201002	RES VR HORI 3/10W 1K M	VR403	VM6CKPV-1S-B1K
296	E-R-0405-5386	0606201004	RES VR HORI 0.1W 1K T	VR101	VZ067TL1B102
297	E-R-0405-5386	0606201004	RES VR HORI 0.1W 1K T	VR403	VZ067TL1B102
298	E-R-0405-5778	0606201013	RES VR HORI 0.3W 1K T	VR101	RVM-06HP03-1-102
299	E-R-0405-5778	0606201013	RES VR HORI 0.3W 1K T	VR403	RVM-06HP03-1-102
300	E-RL-0414-0074	0720060701	RELAY 240VAC/12VDC 5A DPST TV4	RL101	OSA-SS-212DM5
301	#N/A	0720061235	RELAY 250VAC/12VDC 5A DPST TV3	RL101	JZC-42F-12V-2HS
302	E-RL-0414-0111	0720190216	RELAY 250VAC/12VDC 5A DPST TV-3	RL101	FTR-F4AK012T
303	E-RL-0414-0106	0720840115	RELAY 125VAC/12VDC 10A SPDT	RL401	833H-1C-C
304	#N/A	0720840135	RELAY 120VAC/12VDC 10A SPDT	RL401	JQC-3FF/012-1ZTS
305	E-X-0415-0077	0730140512	CRYSTAL 12MHZ 30PPM 30PF 49US	Y301	12.000MHZ(AT-49)
306	E-FS-0410-0089	0805340701	FUSE TSC 4A 250V UL SEM PIG	F101	5HTP4(93mm)
307	E-FS-0410-0089	0805340702	FUSE TSC 4A 250V UL SEM PIG	F101	0215004.MRET5
308	E-FS-0410-0098	0805340704	FUSE TSC 4A 250V UL SEM PIG	F101	181-4A+19265
309	M-MS-0808-7471	0900030118	RES PTC R=8 OHM +/-20% 27A 2P	PTC101	DGC2R08M
310	#N/A	0900030126	RES PTC R=8 OHM +/-20% 27A 2P	PTC101	MZ72-B80M1
311	E-TH-0416-0027	0910800211	RES NTC 8 L 3A	NTC101	08SP008L
312	E-TH-0416-0095	0910800216	NTC R=8 OHM L 3A	NTC101	SCK10083LSY751
313	E-C-0404-3961	1101045003	CAP Y CD 250VAC 1KP K B I	CY101	ECK-DRS102KBY
314	E-C-0404-3961	1101045003	CAP Y CD 250VAC 1KP K B I	CY102	ECK-DRS102KBY
315	E-C-0404-3961	1101045003	CAP Y CD 250VAC 1KP K B I	CY103	ECK-DRS102KBY
316	E-C-0404-3961	1101045007	CAP Y CD 250VAC 1KP K B I	CY101	DE7090B102KVA1-KC
317	E-C-0404-3961	1101045007	CAP Y CD 250VAC 1KP K B I	CY102	DE7090B102KVA1-KC
318	E-C-0404-3961	1101045007	CAP Y CD 250VAC 1KP K B I	CY103	DE7090B102KVA1-KC
319	E-C-0404-3961	1101045032	CAP Y CD 250VAC 1KP K B I	CY101	
320	E-C-0404-3961	1101045032	CAP Y CD 250VAC 1KP K B I	CY102	CS10-B2GA102KYGS
321	E-C-0404-3961	1101045032	CAP Y CD 250VAC 1KP K B I	CY103	CS10-B2GA102KYGS
322	E-C-0404-4109	1101047003	CAP Y CD 250VAC 3.3KP M E I	CY106	ECK-DRS332MEY
323	#N/A	1101047007	CAP Y CD 250VAC 3.3KP M F I	CY106	DE7120F332MVA1-KC
324	E-C-0404-4109	1101047032	CAP Y CD 250VAC 3.3KP M E I	CY106	CS13-E2GA332MYGS
325	#N/A	1101047207	CAP Y CD 250VAC 3.3KP M F I TP	CY106	DE7120-487F332MVA1
326	#N/A	1101047232	CAP Y CD 250VAC 3.3KP M E I TP7.5	CY106	CS13-E2GA332MYPS
327	E-C-0404-4482	1111358800	CAP CD 50V .1U Z Y5V TP5	C403	FYU6104ZG1H
328	E-C-0404-4482	1111358800	CAP CD 50V .1U Z Y5V TP5	C421	FYU6104ZG1H
329	E-C-0404-4482	1111358800	CAP CD 50V .1U Z Y5V TP5	C422	FYU6104ZG1H
330	E-C-0404-4482	1111358800	CAP CD 50V .1U Z Y5V TP5	C441	FYU6104ZG1H
331	E-C-0404-4482	1111358800	CAP CD 50V .1U Z Y5V TP5	C601	FYU6104ZG1H
332	E-C-0404-4482	1111358800	CAP CD 50V .1U Z Y5V TP5	C602	FYU6104ZG1H
333	E-C-0404-4482	1111358800	CAP CD 50V .1U Z Y5V TP5	C603	FYU6104ZG1H
334	E-C-0404-4482	1111358800	CAP CD 50V .1U Z Y5V TP5	C617	FYU6104ZG1H
335	E-C-0404-4482	1111358800	CAP CD 50V .1U Z Y5V TP5	C624	FYU6104ZG1H
336	E-C-0404-4482	1111358800	CAP CD 50V .1U Z Y5V TP5	C625	FYU6104ZG1H
337	E-C-0404-4482	1111358800	CAP CD 50V .1U Z Y5V TP5	C626	FYU6104ZG1H
338	E-C-0404-4482	1111358800	CAP CD 50V .1U Z Y5V TP5	C640	FYU6104ZG1H
339	E-C-0404-4482	1111358800	CAP CD 50V .1U Z Y5V TP5	C403	DCS104Z30Y5VF6FJ5A
340	E-C-0404-4482	1111358800	CAP CD 50V .1U Z Y5V TP5	C421	DCS104Z30Y5VF6FJ5A
341	E-C-0404-4482	1111358800	CAP CD 50V .1U Z Y5V TP5	C422	DCS104Z30Y5VF6FJ5A
342	E-C-0404-4482	1111358800	CAP CD 50V .1U Z Y5V TP5	C441	DCS104Z30Y5VF6FJ5A

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal #
343	E-C-0404-3640	1120018800	CAP CD 100V 33P J C0G TP5	C306	CHA4330JG1H
344	E-C-0404-3640	1120018800	CAP CD 100V 33P J C0G TP5	C307	CHA4330JG1H
345	E-C-0404-3640	1120018800	CAP CD 100V 33P J C0G TP5	C306	DCC330J22C0GH6FJ5A
346	E-C-0404-3640	1120018800	CAP CD 100V 33P J C0G TP5	C307	DCC330J22C0GH6FJ5A
347	E-C-0404-3641	1120026800	CAP CD 100V 68P J C0G TP5	C309	CHA5680JG1H
348	E-C-0404-3641	1120026800	CAP CD 100V 68P J C0G TP5	C419	CHA5680JG1H
349	E-C-0404-3641	1120026800	CAP CD 100V 68P J C0G TP5	C440	CHA5680JG1H
350	E-C-0404-3720	1120030800	CAP CD 100V 100P J C0G TP5	C448	CHA6101JG1H
351	E-C-0404-3720	1120030800	CAP CD 100V 100P J C0G TP5	C452	CHA6101JG1H
352	E-C-0404-3778	1120032800	CAP CD 100V 120P J C0G TP5	C435	CHA7121JG1H
353	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C104	EA7103MG1H
354	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C107	EA7103MG1H
355	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C213	EA7103MG1H
356	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C217	EA7103MG1H
357	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C405	EA7103MG1H
358	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C408	EA7103MG1H
359	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C418	EA7103MG1H
360	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C442	EA7103MG1H
361	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C512	EA7103MG1H
362	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C604	EA7103MG1H
363	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C605	EA7103MG1H
364	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C607	EA7103MG1H
365	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C609	EA7103MG1H
366	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C611	EA7103MG1H
367	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C614	EA7103MG1H
368	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C616	EA7103MG1H
369	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C618	EA7103MG1H
370	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C619	EA7103MG1H
371	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C627	EA7103MG1H
372	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C639	EA7103MG1H
373	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C104	DCT103M30Z5UH6FJ5A
374	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C107	DCT103M30Z5UH6FJ5A
375	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C213	DCT103M30Z5UH6FJ5A
376	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C405	DCT103M30Z5UH6FJ5A
377	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C408	DCT103M30Z5UH6FJ5A
378	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C418	DCT103M30Z5UH6FJ5A
379	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C442	DCT103M30Z5UH6FJ5A
380	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C512	DCT103M30Z5UH6FJ5A
381	E-C-0404-3645	1122938800	CAP CD 100V 220P K Y5P TP5	C453	BA4221KG1H
382	E-C-0404-3723	1122940800	CAP CD 100V 330P K Y5P TP5	C434	BA4331KG1H
383	E-C-0404-3646	1122942800	CAP CD 100V 470P K Y5P TP5	C509	BA4471KG1H
384	E-C-0404-3647	1122944800	CAP CD 100V 680P K Y5P TP5	C506	BA4681KG1H
385	E-C-0404-3647	1122944800	CAP CD 100V 680P K Y5P TP5	C506	DCT681K22Y5PH6FJ5A
386	E-C-0404-3648	1122945800	CAP CD 100V 1KP K Y5P TP5	C642	BA4102KG1H
387	E-C-0404-3649	1122946800	CAP CD 100V 2.2KP K Y5P TP5	C109	BA5222KG1H
388	E-C-0404-3649	1122946800	CAP CD 100V 2.2KP K Y5P TP5	C111	BA5222KG1H
389	E-C-0404-3649	1122946800	CAP CD 100V 2.2KP K Y5P TP5	C439	BA5222KG1H
390	E-C-0404-4712	1130022800	CAP CD 500V 47P J C0G TP5	C635	CHC6470JG1H
391	E-C-0404-3651	1132354800	CAP CD 500V .01U M Z5U TP5	C103	EC0103MG1H
392	E-C-0404-3651	1132354800	CAP CD 500V .01U M Z5U TP5	C122	EC0103MG1H
393	E-C-0404-3651	1132354800	CAP CD 500V .01U M Z5U TP5	C103	DCM103M34Z5UL6FJ5A
394	E-C-0404-3651	1132354800	CAP CD 500V .01U M Z5U TP5	C122	DCM103M34Z5UL6FJ5A
395	E-C-0404-3652	1132930800	CAP CD 500V 100P K Y5P TP5	C450	BC4101KG1H
396	E-C-0404-3652	1132930800	CAP CD 500V 100P K Y5P TP5	C450	DCM101K22Y5PL6FJ5A
397	E-C-0404-3653	1132938800	CAP CD 500V 220P K Y5P TP5	C203	BC4221KG1H
398	E-C-0404-3654	1132945800	CAP CD 500V 1KP K Y5P TP5	C445	BC5102KG1H
399	E-C-0404-4484	1140024800	CAP CD 1KV 56P J C0G TP5	C208	CHM8560JG1H
400	E-C-0404-4484	1140024800	CAP CD 1KV 56P J C0G TP5	C218	CHM8560JG1H
401	E-C-0404-4673	1140030800	CAP CD 1KV 100P J C0G TP5	C118	CHM0101JG1
402	E-C-0404-3655	1142930800	CAP CD 1KV 100P K Y5P TP5	C116	
403	E-C-0404-3729	1142938800	CAP CD 1KV 220P K Y5P TP5	C214	BM5221KG1H
404	E-C-0404-3729	1142938800	CAP CD 1KV 220P K Y5P TP5	C220	BM5221KG1H
405	E-C-0404-3729	1142938800	CAP CD 1KV 220P K Y5P TP5	C214	DCH221K22Y5PN6FJ5A
406	E-C-0404-3729	1142938800	CAP CD 1KV 220P K Y5P TP5	C220	DCH221K22Y5PN6FJ5A
407	E-C-0404-3656	1142945800	CAP CD 1KV 1KP K Y5P TP5	C412	BM6102KG1H
408	E-C-0404-3656	1142945800	CAP CD 1KV 1KP K Y5P TP5	C612	BM6102KG1H
409	E-C-0404-3657	1152345000	CAP CD 2KV 1KP M Z5U	C633	EM28102M6H
410	E-C-0404-4691	1152346800	CAP CD 2KV 2.2KP M Z5U TP5	C634	EM28222MHA
411	E-C-0404-4692	1200063000	CAP MO DP 50V 820P J C0G TP R	C429	SR215A821JAAAP4-90

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal #
412	#N/A	1421022112	CAP AL 10V 220U M 6.3*12 TP5	C314	0110010227VM5
413	#N/A	1421022118	CAP AL 10V 220U M 6.3*11 TP5	C314	TVR1A221MA06110TC3
414	#N/A	1421210112	CAP AL 16V 100U M 6*12 TP5	C210	0110016107VM5
415	#N/A	1421210112	CAP AL 16V 100U M 6*12 TP5	C215	0110016107VM5
416	#N/A	1421210112	CAP AL 16V 100U M 6*12 TP5	C615	0110016107VM5
417	#N/A	1421210115	CAP AL 16V 100U M 5*11 TP5	C210	TVR1C101MA05110TC1
418	#N/A	1421210115	CAP AL 16V 100U M 5*11 TP5	C215	TVR1C101MA05110TC1
419	#N/A	1421210115	CAP AL 16V 100U M 5*11 TP5	C606	TVR1C101MA05110TC1
420	#N/A	1421210115	CAP AL 16V 100U M 5*11 TP5	C610	TVR1C101MA05110TC1
421	#N/A	1421210115	CAP AL 16V 100U M 5*11 TP5	C615	TVR1C101MA05110TC1
422	#N/A	1421210115	CAP AL 16V 100U M 5*11 TP5	C637	TVR1C101MA05110TC1
423	E-C-0404-4804	1421210212	CAP AL 16V 1KU M 10*20 TP5	C206	0110016108VM5
424	#N/A	1421210215	CAP AL 16V 1KU M 10*16 TP5	C206	TVR1C102MA10160RC5
425	E-C-0404-4934	1421222112	CAP AL 16V 220U M 8*11.5 TP5	C443	TVX1C221MA0811MTC3
426	#N/A	1421222115	CAP AL 16V 220U M 6.3*11 TP5	C443	TVR1C221MA06110TC3
427	#N/A	1421222115	CAP AL 16V 220U M 6.3*11 TP5	C608	TVR1C221MA06110TC3
428	#N/A	1421233112	CAP AL 16V 330U M 8*12 TP5	C503	0110016337VM4
429	#N/A	1421233115	CAP AL 16V 330U M 8*11.5 TP5	C503	TVR1C331MA0811MTC3
430	#N/A	1421247012	CAP AL 16V 47U M 5*11 TP5	C219	TVX1C470MA05110TC1
431	#N/A	1421247012	CAP AL 16V 47U M 5*11 TP5	C410	TVX1C470MA05110TC1
432	#N/A	1421247012	CAP AL 16V 47U M 5*11 TP5	C411	TVX1C470MA05110TC1
433	#N/A	1421247012	CAP AL 16V 47U M 5*12 TP5	C410	0110016476VM5
434	#N/A	1421247012	CAP AL 16V 47U M 5*12 TP5	C411	0110016476VM5
435	E-C-0404-4936	1421410112	CAP AL 25V 100U M 6.3*11 TP5	C105	TVX1E101MA06110TC3
436	E-C-0404-4936	1421410112	CAP AL 25V 100U M 6.3*11 TP5	C209	TVX1E101MA06110TC3
437	E-C-0404-4936	1421410112	CAP AL 25V 100U M 6*12 TP5	C209	0110025107VM4
438	E-C-0404-4936	1421410112	CAP AL 25V 100U M 6*12 TP5	C444	0110025107VM4
439	#N/A	1421410115	CAP AL 25V 100U M 6.3*11 TP5	C105	TVR1E101MA06110TC3
440	#N/A	1421410115	CAP AL 25V 100U M 6.3*11 TP5	C209	TVR1E101MA06110TC3
441	#N/A	1421410115	CAP AL 25V 100U M 6.3*11 TP5	C444	TVR1E101MA06110TC3
442	#N/A	1421433112	CAP AL 25V 330U M 10*12.5 TP5	C504	TVX1E331MA1012MRC5
443	#N/A	1421433114	CAP AL 25V 330U M 10*12	C504	SK025M0330SL10*12
444	#N/A	1421433115	CAP AL 25V 330U M 10*12.5 TP5	C504	UVR1E331MPA1TD
445	#N/A	1421447012	CAP AL 25V 47U M 5*11 TP5	C106	TVX1E470MA05110TC1
446	#N/A	1421447012	CAP AL 25V 47U M 5*11 TP5	C211	TVX1E470MA05110TC1
447	#N/A	1421447012	CAP AL 25V 47U M 5*11 TP5	C510	TVX1E470MA05110TC1
448	#N/A	1421447012	CAP AL 25V 47U M 5*11 TP5	C632	TVX1E470MA05110TC1
449	#N/A	1421447012	CAP AL 25V 47U M 5*11 TP5	C638	TVX1E470MA05110TC1
450	#N/A	1421447012	CAP AL 25V 47U M 5*12 TP5	C106	0110025476VM4
451	#N/A	1421447012	CAP AL 25V 47U M 5*12 TP5	C446	0110025476VM4
452	#N/A	1421447015	CAP AL 25V 47U M 5*11 TP5	C211	TVR1E470MA05110TC1
453	#N/A	1421447015	CAP AL 25V 47U M 5*11 TP5	C446	TVR1E470MA05110TC1
454	#N/A	1421447015	CAP AL 25V 47U M 5*11 TP5	C510	TVR1E470MA05110TC1
455	#N/A	1421447112	CAP AL 25V 470U M 10*16 TP5	C205	0110025477VM4
456	#N/A	1421447112	CAP AL 25V 470U M 10*16 TP5	C207	0110025477VM4
457	#N/A	1421447115	CAP AL 25V 470U M 10*12.5 TP5	C205	TVR1E471MA10160RC5
458	#N/A	1421447115	CAP AL 25V 470U M 10*12.5 TP5	C207	TVR1E471MA10160RC5
459	#N/A	1421510112	CAP AL 35V 100U M 8*12 TP5	C501	0110035107VM5
460	#N/A	1421510115	CAP AL 35V 100U M 6.3*11 TP5	C501	TVR1V101MA06110TC3
461	E-C-0404-4939	1421610012	CAP AL 50V 10U M 5*12 TP5	C304	0110050106VM5
462	E-C-0404-4939	1421610012	CAP AL 50V 10U M 5*12 TP5	C409	0110050106VM5
463	E-C-0404-4939	1421610012	CAP AL 50V 10U M 5*12 TP5	C428	0110050106VM5
464	E-C-0404-4939	1421610012	CAP AL 50V 10U M 5*12 TP5	C431	0110050106VM5
465	#N/A	1421610015	CAP AL 50V 10U M 5*11 TP5	C304	TVR1H100MA05110TC1
466	#N/A	1421610015	CAP AL 50V 10U M 5*11 TP5	C409	TVR1H100MA05110TC1
467	#N/A	1421610015	CAP AL 50V 10U M 5*11 TP5	C428	TVR1H100MA05110TC1
468	#N/A	1421610015	CAP AL 50V 10U M 5*11 TP5	C431	TVR1H100MA05110TC1
469	E-C-0404-4940	1421610812	CAP AL 50V 1U M 5*12 TP5	C449	0110050105VM5
470	#N/A	1421610815	CAP AL 50V 1U M 5*11 TP5	C449	TVR1H1R0MA05110TC1
471	E-C-0404-4941	1421622012	CAP AL 50V 22U M 5*11 TP5	C432	TVX1H220MA05110TC1
472	E-C-0404-4941	1421622012	CAP AL 50V 22U M 5*12 TP5	C114	0110050226VM4
473	E-C-0404-4941	1421622012	CAP AL 50V 22U M 5*12 TP5	C432	0110050226VM4
474	#N/A	1421622015	CAP AL 50V 22U M 5*11 TP5	C114	TVR1H220MA05110TC1
475	#N/A	1421622015	CAP AL 50V 22U M 5*11 TP5	C432	TVR1H220MA05110TC1
476	E-C-0404-4942	1421622812	CAP AL 50V 2.2U M 5*12 TP5	C108	0110050225VM5
477	E-C-0404-4942	1421622812	CAP AL 50V 2.2U M 5*12 TP5	C113	0110050225VM5
478	#N/A	1421622815	CAP AL 50V 2.2U M 5*11 TP5	C108	TVR1H2R2MA05110TC1
479	#N/A	1421622815	CAP AL 50V 2.2U M 5*11 TP5	C113	TVR1H2R2MA05110TC1
480	E-C-0404-4943	1421647812	CAP AL 50V 4.7U M 5*12 TP5	C301	0110050475VM5

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal #
481	E-C-0404-4943	1421647812	CAP AL 50V 4.7U M 5*12 TP5	C303	0110050475VM5
482	#N/A	1421647815	CAP AL 50V 4.7U M 5*11 TP5	C301	TVR1H4R7MA05110TC1
483	#N/A	1421647815	CAP AL 50V 4.7U M 5*11 TP5	C303	TVR1H4R7MA05110TC1
484	#N/A	1422210812	CAP AL 100V 1U M 5*11 TP5	C437	TVX2A1R0MA05110TC1
485	#N/A	1422210812	CAP AL 100V 1U M 5*12 TP5	C437	0110100105VM5
486	#N/A	1422210815	CAP AL 100V 1U M 5*11 TP5	C437	TVR2A1R0MA05110TC1
487	#N/A	1422210815	CAP AL 100V 1U M 5*11 TP5	C621	TVR2A1R0MA05110TC1
488	#N/A	1422210815	CAP AL 100V 1U M 5*11 TP5	C622	TVR2A1R0MA05110TC1
489	#N/A	1422210815	CAP AL 100V 1U M 5*11 TP5	C623	TVR2A1R0MA05110TC1
490	#N/A	1422222912	CAP AL 100V .22U M 5*11 TP5	C628	TVX2AR22MA05110TC1
491	#N/A	1422222912	CAP AL 100V .22U M 5*11 TP5	C629	TVX2AR22MA05110TC1
492	#N/A	1422222912	CAP AL 100V .22U M 5*11 TP5	C630	TVX2AR22MA05110TC1
493	E-C-0404-4118	1422247012	CAP AL 100V 47U M 10*16 TP5	C216	TVX2A470MA10160RC5
494	#N/A	1422447812	CAP AL 160V 4.7U M 8*11 TP5	C613	TVX2C4R7MA0811MTC3
495	#N/A	1422447812	CAP AL 160V 4.7U M 8*11 TP5	C620	TVX2C4R7MA0811MTC3
496	E-C-0404-3675	1423210012	CAP AL 250V 10U M 10*20 TP5	C425	TVX2E100MA10200RC5
497	E-C-0404-3675	1423210012	CAP AL 250V 10U M 10*20 TP5	C425	0110250106VM5
498	#N/A	1441622814	CAP AL 50V 2.2U M 5*11 TP5	C406	TVT1H2R2MA05110TC1
499	#N/A	1441622814	CAP AL 50V 2.2U M 5*11 TP5	C406	0081050225VM5
500	#N/A	1442047113	CAP AL 63V 470U M 12.5*25	C202	TVT1J471MA12250CK3
501	#N/A	1442410121	CAP AL 160V 100U M 12.5*25	C201	160YXA100MCE12.5*2
502	#N/A	1442422014	CAP AL 160V 22U M 10*20 TP5	C631	TVT2C220MA10200RC3
503	#N/A	1443047914	CAP AL 200V .47U M 6.3*11 TP5	C447	TVT2DR47MA06110TC3
504	#N/A	1443047914	CAP AL 200V .47U M 6.3*12 TP5	C447	0081200474VM5
505	E-C-0404-4099	1464022104	CAP AL 400V 220U M 25*40	C101	HP32G221MCY
506	E-C-0404-4099	1464022104	CAP AL 400V 220U M 25*40	C101	SMH400VSSN220M25D
507	E-C-0404-4099	1464022104	CAP AL 400V 220U M 25*35	C101	400USR220MST25*35
508	#N/A	1604314200	CAP X MP PC 275VAC .33U M P15	CX102	KNB1560-0.33UFKL25
509	E-C-0404-4687	1604314218	CAP X PP PC 275VAC .33U K P15	CX102	KNB1530-0.33UFML25
510	E-C-0404-4920	1604314224	CAP X MP PC 275VAC .33U K P15	CX102	MKP-334K0275AB1151
511	E-C-0404-3866	1651120C01	CAP MM DP 250V .1U J KI10	C507	MEF-104J0250DB2102
512	E-C-0404-3866	1651120C04	CAP MM DP 250V .1U J KI10	C507	CF93MM2E104J
513	E-C-0404-3866	1651120C26	CAP MM DP 250V .1U J KI10	C507	DMPE104J2EB
514	E-C-0404-3688	1691151503	CAP MM PC 63V .47U J TP5	C511	BF024D0474JDC
515	E-C-0404-3688	1691151510	CAP MM PC 63V .47U J TP5	C511	R82DC3470DQXXJ
516	E-C-0404-3688	1691151521	CAP MM PC 63V .47U J TP5	C511	B32529-C474-J189
517	E-C-0404-4699	1691180C01	CAP MM DP 63V 2.2U J KI10	C420	MEF-225J0063DB4102
518	#N/A	1751091C06	CAP MP DP 250V .033U J KI10	C427	7U2E333J-CCC(PMS)
519	E-C-0404-3689	1751111C06	CAP MP DP 250V .068U J KI10	C407	7U2E683J-CCC(PMS)
520	E-C-0404-3689	1751111C15	CAP MP DP 250V .068U J KI10	C407	DHSM(204)250VDC683
521	E-C-0404-4679	1751141C06	CAP MP DP 250V .33U J KI10	C413	7U2E334J-ACC(PMS)
522	E-C-0404-4679	1751141C15	CAP MP DP 250V .33U J KI10	C413	DHSM(204)250VDC334
523	#N/A	1751171F06	CAP MP DP 250V 1U J KI20	C204	7U2E105J-CCG(PMS)
524	E-C-0404-4311	1751221C06	CAP MP DP 250V .15U J KI10	C414	7U2E154J-ACC(PMS)
525	E-C-0404-4311	1751221C15	CAP MP DP 250V .15U J KI10	C414	DHSM(204)250VDC154
526	E-C-0404-2478	1751441C06	CAP MP DP 250V .12U J KI10	C415	7U2E124J-ACC(PMS)
527	E-C-0404-2478	1751441C15	CAP MP DP 250V .12U J KI10	C415	DHSM(204)250VDC124
528	E-C-0404-2478	1751441C26	CAP MP DP 250V .12U J KI10	C415	MPA124J2EB
529	E-C-0404-4680	1751921C15	CAP MP DP 250V .91U J KI10	C417	DHSM(204)250VDC914
530	E-C-0404-4681	1751921D06	CAP MP DP 250V .91U J KI15	C417	7U2E914J-ACE(PMS)
531	E-C-0404-4436	1751921D26	CAP MP DP 250V .91U J KI15	C417	MPA914J2EC
532	#N/A	17D177AD06	CAP MP DP 1.5KVH 4.3KP J KI15	C401	4U6T432J-ACE(PHS)
533	#N/A	17D177AD06	CAP MP DP 1.5KVH 4.3KP J KI15	C416	4U6T432J-ACE(PHS)
534	E-C-0404-3769	1950102101	CAP MY DP I 50V 4.7KP J TP5	C436	PEI-472J0050DT2058
535	E-C-0404-3769	1950102104	CAP MY DP I 50V 4.7KP J TP5	C436	C2YEC1H472J
536	E-C-0404-3769	1950102126	CAP MY DP I 50V 4.7KP J TP5	C436	PEI472J1HT
537	E-C-0404-3690	1950104101	CAP MY DP I 50V 6.8KP J TP5	C112	PEI-682J0050DT2058
538	E-C-0404-3690	1950104101	CAP MY DP I 50V 6.8KP J TP5	C514	PEI-682J0050DT2058
539	E-C-0404-3690	1950104104	CAP MY DP I 50V 6.8KP J TP5	C112	C2YEC1H682J
540	E-C-0404-3690	1950104104	CAP MY DP I 50V 6.8KP J TP5	C514	C2YEC1H682J
541	E-C-0404-3690	1950104126	CAP MY DP I 50V 6.8KP J TP5	C112	PEI682J1HT
542	E-C-0404-3690	1950104126	CAP MY DP I 50V 6.8KP J TP5	C514	PEI682J1HT
543	E-C-0404-3691	1950106101	CAP MY DP I 50V .01U J TP5	C430	PEI-103J0050DT2058
544	E-C-0404-3691	1950106101	CAP MY DP I 50V .01U J TP5	C438	PEI-103J0050DT2058
545	E-C-0404-3691	1950106104	CAP MY DP I 50V .01U J TP5	C430	C2YEC1H103J
546	E-C-0404-3691	1950106104	CAP MY DP I 50V .01U J TP5	C438	C2YEC1H103J
547	E-C-0404-3691	1950106104	CAP MY DP I 50V .01U J TP5	C454	C2YEC1H103J
548	E-C-0404-3691	1950106126	CAP MY DP I 50V .01U J TP5	C430	PEI103J1HT
549	E-C-0404-3691	1950106126	CAP MY DP I 50V .01U J TP5	C438	PEI103J1HT

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal #
550	E-C-0404-3691	1950106126	CAP MY DP I 50V .01U J TP5	C454	PEI103J1HT
551	E-C-0404-3694	1950108101	CAP MY DP I 50V .022U J TP5	C110	PEI-223J0050DT2058
552	E-C-0404-3694	1950108104	CAP MY DP I 50V .022U J TP5	C110	C2YEC1H223J
553	#N/A	1950108126	CAP MY DP I 50V .022U J TP5	C110	PEI223J1HT
554	#N/A	1950110101	CAP MY DP I 50V .047U J TP5	C423	PEI-473J0050DT2058
555	#N/A	1950110104	CAP MY DP I 50V .047U J TP5	C423	C2YEC1H473J
556	E-C-0404-4700	1950110126	CAP MY DP I 50V .047U J TP5	C423	PEI473J1HT
557	E-C-0404-3695	1950113101	CAP MY DP I 50V .22U J TP5	C402	PEI-224J0050DT2058
558	E-C-0404-3695	1950113104	CAP MY DP I 50V .22U J TP5	C402	C2YEC1H224J
559	E-C-0404-3695	1950113126	CAP MY DP I 50V .22U J TP5	C402	PEI224J1HT
560	E-C-0404-4682	1950115001	CAP MY DP I 50V .47U J	C502	PEI-474J0050DB2054
561	E-C-0404-3697	1950122101	CAP MY DP I 50V .15U J TP5	C508	PEI-154J0050DT2058
562	E-C-0404-3697	1950122104	CAP MY DP I 50V .15U J TP5	C508	C2YEC1H154J
563	E-C-0404-3697	1950122126	CAP MY DP I 50V .15U J TP5	C508	PEI154J1HT
564	#N/A	1960212101	CAP MY DP I 100V .1U K TP5	C404	PEI-104K0100DT2058
565	#N/A	1960212104	CAP MY DP I 100V .1U K TP5	C404	CQT92M2A104K
566	E-C-0404-4701	1960212126	CAP MY DP I 100V .1U K TP5	C404	PEI104K2AT
567	#N/A	2001316100	DIO BRD 4A 600V 3S(KBJ)	CR101	D3SB60-7000
568	#N/A	2010329200	DIO FRD 6A 1500V SOD113 160nS	D401	BY329X-1500S
569	#N/A	2013005705	DIO FRD 1A 200V DO-204AL(DO-41) 50nS	D207	UF4003-E3/73
570	#N/A	2013005903	DIO FRD 1A 400V DO-41 150nS	D620	RGP10GAMP
571	#N/A	2013005903	DIO FRD 1A 400V DO-41 150nS	D620	RGP10G-E3/73
572	#N/A	2013006103	DIO FRD 1A 600V DO-204AL(DO-41) 250nS	D409	RGP10J-E3/73
573	#N/A	2013006103	DIO FRD 1A 600V DO-204AL(DO-41) 250nS	D414	RGP10J-E3/73
574	#N/A	2013006103	DIO FRD 1A 600V DO-204AL(DO-41) 250nS	D415	RGP10J-E3/73
575	#N/A	2013006103	DIO FRD 1A 600V DO-204AL(DO-41) 250nS	D418	RGP10J-E3/73
576	#N/A	2013006103	DIO FRD 1A 600V DO-41 250nS	D414	PG106R T/B
577	#N/A	2013006103	DIO FRD 1A 600V DO-41 250nS	D415	PG106R T/B
578	#N/A	2013006103	DIO FRD 1A 600V DO-41 250nS	D418	PG106R T/B
579	#N/A	2013006104	DIO FRD 1A 600V DO-41 75nS	D420	UF4005-E3/73
580	#N/A	2013006104	DIO FRD 1A 600V DO-41 50nS	D420	UF106G T/B
581	#N/A	2013006200	DIO FRD 1A 800V DO-41 75nS	D108	UF4006-E3/73
582	#N/A	2013006200	DIO FRD 1A 800V DO-41 100nS	D108	UF108G T/B
583	#N/A	2013006301	DIO FRD 1A 1000V DO-41 75nS	D202	UF4007-E3/73
584	#N/A	2013110700	DIO FRD 2A 200V DO-204AC(DO-15) 50nS	D205	EGP20D-E3/73
585	#N/A	2013110700	DIO FRD 2A 200V DO-204AC(DO-15) 50nS	D206	EGP20D-E3/73
586	#N/A	2013110800	DIO FRD 2A 300V DO-204AC(DO-15) 50nS	D204	EGP20F-E3/73
587	#N/A	2013306300	DIO FRD 1A 1000V SOD57 75nS	D202	BYV26E,133
588	#N/A	2023002901	DIO SBD 1A 20V CASE59-04(DO-41)	D113	1N5817RL
589	#N/A	2023002901	DIO SBD 1A 20V CASE59-04(DO-41)	D211	1N5817RL
590	#N/A	2023002901	DIO SBD 1A 20V CASE59-04(DO-41)	D212	1N5817RL
591	#N/A	2023002901	DIO SBD 1A 20V CASE59-04(DO-41)	D404	1N5817RL
592	#N/A	2023002901	DIO SBD 1A 20V CASE59-04(DO-41)	D424	1N5817RL
593	#N/A	2023002901	DIO SBD 1A 20V DO-204AL	D113	1N5817-E3/73
594	#N/A	2023002901	DIO SBD 1A 20V DO-204AL	D211	1N5817-E3/73
595	#N/A	2023002901	DIO SBD 1A 20V DO-204AL	D212	1N5817-E3/73
596	#N/A	2023002901	DIO SBD 1A 20V DO-204AL	D404	1N5817-E3/73
597	#N/A	2023002901	DIO SBD 1A 20V DO-204AL	D424	1N5817-E3/73
598	#N/A	2033225313	DIO ZEN 0.5W 4.1-4.3V DO-35	ZD404	HZ4C2 TA-E
599	#N/A	2033225403	DIO ZEN 0.5W 4.9-5.1V DO-35	ZD403	HZ5C1 TA-E
600	#N/A	2033225403	DIO ZEN 0.5W 4.9-5.1V DO-35	ZD601	HZ5C1 TA-E
601	#N/A	2033225403	DIO ZEN 0.5W 4.9-5.1V DO-204AH(DO-35)	ZD403	GZ5C1 PKGD8
602	#N/A	2033225407	DIO ZEN 0.5W 5.1-5.3V DO-35	ZD202	HZ5C3 TA-E
603	#N/A	2033225505	DIO ZEN 0.5W 6.0-6.3V DO-35	ZD301	HZ6C2 TA-E
604	#N/A	2033225505	DIO ZEN 0.5W 6.0-6.3V DO-35	ZD302	HZ6C2 TA-E
605	#N/A	2033225505	DIO ZEN 0.5W 6.0-6.3V DO-35	ZD304	HZ6C2 TA-E
606	#N/A	2033225505	DIO ZEN 0.5W 6.0-6.3V DO-35	ZD306	HZ6C2 TA-E
607	#N/A	2033225601	DIO ZEN 0.5W 7.0-7.3V DO-35	ZD602	HZ7B3 TA-E
608	#N/A	2033225601	DIO ZEN 0.5W 7.0-7.3V DO-204AH(DO-35)	ZD602	GZ7B3 PKGD8
609	#N/A	2033225705	DIO ZEN 0.5W 8.5-8.9V DO-35	ZD402	HZ9B2 TA-E
610	#N/A	2033225706	DIO ZEN 0.5W 8.61-8.99V DO-35	ZD402	RD9.1E-T4-AZ(B2)
611	#N/A	2033225802	DIO ZEN 0.5W 8.9-9.3V DO-35	ZD303	HZ9C1 TA-E
612	#N/A	2033226106	DIO ZEN 0.5W 11.9-12.4V DO-35	ZD201	HZ12A2 TA-E
613	#N/A	2033226703	DIO ZEN 0.5W 17.5-18.3V DO-35	ZD101	HZ18-2 TA-E
614	#N/A	2033226703	DIO ZEN 0.5W 17.5-18.3V DO-35	ZD204	HZ18-2 TA-E
615	#N/A	2033226703	DIO ZEN 0.5W 17.5-18.3V DO-35	ZD401	HZ18-2 TA-E
616	#N/A	2033226703	DIO ZEN 0.5W 17.5-18.3V DO-204AH(DO-35)	ZD401	GZ18-2 PKGD8
617	#N/A	2033226902	DIO ZEN 0.5W 19.5-20.4V DO-35	ZD102	HZ20-2 TA-E
618	#N/A	2033227303	DIO ZEN 0.5W 23.6-24.7V DO-35	ZD405	HZ24-2 TA-E

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal #
619	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D109	1N4148,133
620	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D110	1N4148,133
621	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D114	1N4148,133
622	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D115	1N4148,133
623	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D201	1N4148,133
624	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D208	1N4148,133
625	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D209	1N4148,133
626	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D210	1N4148,133
627	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D301	1N4148,133
628	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D302	1N4148,133
629	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D402	1N4148,133
630	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D403	1N4148,133
631	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D405	1N4148,133
632	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D406	1N4148,133
633	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D407	1N4148,133
634	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D408	1N4148,133
635	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D410	1N4148,133
636	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D413	1N4148,133
637	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D417	1N4148,133
638	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D421	1N4148,133
639	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D428	1N4148,133
640	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D502	1N4148,133
641	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D503	1N4148,133
642	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D601	1N4148,133
643	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D602	1N4148,133
644	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D603	1N4148,133
645	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D604	1N4148,133
646	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D605	1N4148,133
647	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D606	1N4148,133
648	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D607	1N4148,133
649	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D608	1N4148,133
650	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D609	1N4148,133
651	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D613	1N4148,133
652	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D109	1N4148 TA-E
653	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D110	1N4148 TA-E
654	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D114	1N4148 TA-E
655	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D115	1N4148 TA-E
656	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D201	1N4148 TA-E
657	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D208	1N4148 TA-E
658	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D209	1N4148 TA-E
659	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D210	1N4148 TA-E
660	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D301	1N4148 TA-E
661	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D302	1N4148 TA-E
662	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D402	1N4148 TA-E
663	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D403	1N4148 TA-E
664	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D405	1N4148 TA-E
665	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D406	1N4148 TA-E
666	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D407	1N4148 TA-E
667	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D408	1N4148 TA-E
668	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D410	1N4148 TA-E
669	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D413	1N4148 TA-E
670	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D417	1N4148 TA-E
671	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D421	1N4148 TA-E
672	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D428	1N4148 TA-E
673	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D502	1N4148 TA-E
674	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D503	1N4148 TA-E
675	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D601	1N4148 TA-E
676	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D602	1N4148 TA-E
677	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D603	1N4148 TA-E
678	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D604	1N4148 TA-E
679	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D605	1N4148 TA-E
680	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D606	1N4148 TA-E
681	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D607	1N4148 TA-E
682	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D608	1N4148 TA-E
683	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D609	1N4148 TA-E
684	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D613	1N4148 TA-E
685	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D109	1N4148TA
686	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D110	1N4148TA
687	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D114	1N4148TA

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal #
688	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D115	1N4148TA
689	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D201	1N4148TA
690	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D208	1N4148TA
691	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D209	1N4148TA
692	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D210	1N4148TA
693	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D301	1N4148TA
694	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D302	1N4148TA
695	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D402	1N4148TA
696	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D403	1N4148TA
697	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D405	1N4148TA
698	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D406	1N4148TA
699	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D407	1N4148TA
700	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D408	1N4148TA
701	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D410	1N4148TA
702	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D413	1N4148TA
703	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D417	1N4148TA
704	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D421	1N4148TA
705	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D428	1N4148TA
706	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D502	1N4148TA
707	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D503	1N4148TA
708	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D601	1N4148TA
709	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D602	1N4148TA
710	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D603	1N4148TA
711	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D604	1N4148TA
712	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D605	1N4148TA
713	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D606	1N4148TA
714	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D607	1N4148TA
715	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D608	1N4148TA
716	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D609	1N4148TA
717	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D613	1N4148TA
718	#N/A	2043220002	DIO SW 0.25A 200V SOD-27(DO-35)	D111	BAV21,133
719	#N/A	2043220002	DIO SW 0.25A 200V SOD-27(DO-35)	D112	BAV21,133
720	#N/A	2043220002	DIO SW 0.25A 200V SOD-27(DO-35)	D411	BAV21,133
721	#N/A	2043220002	DIO SW 0.25A 200V SOD-27(DO-35)	D412	BAV21,133
722	#N/A	2043220002	DIO SW 0.25A 200V SOD-27(DO-35)	D416	BAV21,133
723	#N/A	2043220002	DIO SW 0.25A 200V SOD-27(DO-35)	D423	BAV21,133
724	#N/A	2043220002	DIO SW 0.25A 200V SOD-27(DO-35)	D610	BAV21,133
725	#N/A	2043220002	DIO SW 0.25A 200V SOD-27(DO-35)	D611	BAV21,133
726	#N/A	2043220002	DIO SW 0.25A 200V SOD-27(DO-35)	D612	BAV21,133
727	#N/A	2043225000	DIO SW 0.2A 250V DO-35	D610	1SS83 TA-E
728	#N/A	2043225000	DIO SW 0.2A 250V DO-35	D611	1SS83 TA-E
729	#N/A	2043225000	DIO SW 0.2A 250V DO-35	D612	1SS83 TA-E
730	#N/A	2053005500	DIO SI 1A 100V DO-41	D501	1N4002RL
731	#N/A	2053005500	DIO SI 1A 100V DO-204AL(DO-41)	D501	1N4002-E3/73
732	#N/A	2053105500	DIO SI 1A 100V DO-15	D501	1N4002AMP
733	#N/A	2053506103	DIO SI 1A 600V RG4	D203	RG 4A
734	#N/A	2053506103	DIO SI 1A 600V RG4	D214	RG 4A
735	#N/A	2053506103	DIO SI 1A 600V RG4	D419	RG 4A
736	#N/A	2053506103	DIO SI 1A 600V RG4	D422	RG 4A
737	#N/A	2100040500	TR 100V 5A TO-220 1000 NPN*2	Q409	TIP122G
738	#N/A	2100040500	TR 100V 5A TO-220 1000 NPN*2	Q409	TIP122
739	E-Q-0402-1452	210057920017	TR 750V 12A TO-3PF 10	Q401	FJAF6812TU
740	#N/A	2101015001	TR 30V 0.1A TO-92 160-320	Q212	2SC458CTZ
741	#N/A	2101025000	TR 50V 0.5A TO-92 100-200	Q211	2SC1213ACTZ-E
742	#N/A	2101025002	TR 50V 0.15A TO-92 200-400	Q104	KSC1815GRTA
743	#N/A	2101025002	TR 50V 0.15A TO-92 200-400	Q201	KSC1815GRTA
744	#N/A	2101025002	TR 50V 0.15A TO-92 200-400	Q204	KSC1815GRTA
745	#N/A	2101025002	TR 50V 0.15A TO-92 200-400	Q207	KSC1815GRTA
746	#N/A	2101025002	TR 50V 0.15A TO-92 200-400	Q403	KSC1815GRTA
747	#N/A	2101025002	TR 50V 0.15A TO-92 200-400	Q405	KSC1815GRTA
748	#N/A	2101025002	TR 50V 0.15A TO-92 200-400	Q407	KSC1815GRTA
749	#N/A	2101025002	TR 50V 0.15A TO-92 200-400	Q408	KSC1815GRTA
750	#N/A	2101025002	TR 50V 0.15A TO-92 200-400	Q410	KSC1815GRTA
751	#N/A	2101025002	TR 50V 0.15A TO-92 200-400	Q413	KSC1815GRTA
752	#N/A	2101025002	TR 50V 0.15A TO-92 200-400	Q415	KSC1815GRTA
753	#N/A	2101025002	TR 50V 0.15A TO-92 200-400	Q417	KSC1815GRTA
754	#N/A	2101025002	TR 50V 0.15A TO-92 200-400	Q421	KSC1815GRTA
755	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q104	2SC1815-Y(TPE2,F)
756	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q201	2SC1815-Y(TPE2,F)

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal #
757	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q204	2SC1815-Y(TPE2,F)
758	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q207	2SC1815-Y(TPE2,F)
759	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q403	2SC1815-Y(TPE2,F)
760	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q405	2SC1815-Y(TPE2,F)
761	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q407	2SC1815-Y(TPE2,F)
762	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q408	2SC1815-Y(TPE2,F)
763	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q410	2SC1815-Y(TPE2,F)
764	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q413	2SC1815-Y(TPE2,F)
765	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q415	2SC1815-Y(TPE2,F)
766	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q417	2SC1815-Y(TPE2,F)
767	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q421	2SC1815-Y(TPE2,F)
768	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q104	2SC1815-Y
769	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q201	2SC1815-Y
770	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q204	2SC1815-Y
771	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q207	2SC1815-Y
772	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q405	2SC1815-Y
773	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q407	2SC1815-Y
774	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q408	2SC1815-Y
775	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q410	2SC1815-Y
776	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q413	2SC1815-Y
777	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q417	2SC1815-Y
778	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q421	2SC1815-Y
779	#N/A	2101057000	TR 250V 0.5A TO-92 50	Q501	BF422ZL1G
780	#N/A	2101057000	TR 250V 0.05A TO-92 50	Q501	BF422(TPE2,F)
781	#N/A	2101063000	TR 350V 0.5A TO-92 30	Q102	2N6517RLRP
782	#N/A	2101063000	TR 350V 0.5A TO-92 30-200	Q102	2N6517TA
783	#N/A	2102310100	TR 20V 1A TO-92MOD 120-240	Q206	2SD468CTZ-E
784	#N/A	2102325202	TR 50V 2A 2-5J1A(TO-92MOD) 120-240	Q210	2SC2655-Y(TPE6,F)
785	#N/A	2102335100	TR 80V 1A TO-92MOD 100-200	Q402	2SD667CTZ-E
786	#N/A	2102340100	TR 100V 1A TO-92MOD 60-200	Q402	2SD667ATZ-E
787	#N/A	2111015001	TR -30V -0.5A TO-92 120-240	Q213	2SA562TM-Y(TPE2,F)
788	#N/A	2111015001	TR -30V -0.5A TO-92 120-240	Q213	2SA562-Y
789	#N/A	2111025001	TR -50V -0.15A TO-92 200-240	Q205	KSA1015GRTA
790	#N/A	2111025001	TR -50V -0.15A TO-92 200-240	Q411	KSA1015GRTA
791	#N/A	2111025001	TR -50V -0.15A TO-92 200-240	Q412	KSA1015GRTA
792	#N/A	2111025001	TR -50V -0.15A TO-92 200-240	Q418	KSA1015GRTA
793	#N/A	2111025001	TR -50V -0.15A TO-92 200-240	Q422	KSA1015GRTA
794	#N/A	2111025001	TR -50V -0.15A TO-92 200-240	Q426	KSA1015GRTA
795	#N/A	2111025002	TR -50V -0.15A 2-5F1B 120-240	Q205	2SA1015-Y(TEP2,F)
796	#N/A	2111025002	TR -50V -0.15A 2-5F1B 120-240	Q406	2SA1015-Y(TEP2,F)
797	#N/A	2111025002	TR -50V -0.15A 2-5F1B 120-240	Q411	2SA1015-Y(TEP2,F)
798	#N/A	2111025002	TR -50V -0.15A 2-5F1B 120-240	Q412	2SA1015-Y(TEP2,F)
799	#N/A	2111025002	TR -50V -0.15A 2-5F1B 120-240	Q418	2SA1015-Y(TEP2,F)
800	#N/A	2111025002	TR -50V -0.15A 2-5F1B 120-240	Q422	2SA1015-Y(TEP2,F)
801	#N/A	2111025002	TR -50V -0.15A 2-5F1B 120-240	Q424	2SA1015-Y(TEP2,F)
802	#N/A	2111025002	TR -50V -0.15A 2-5F1B 120-240	Q426	2SA1015-Y(TEP2,F)
803	#N/A	2111057000	TR -250V -0.05A 2-5F1B 50	Q419	BF423(TPE2,F)
804	#N/A	2111057000	TR -250V -0.05A 2-5F1B 50	Q420	BF423(TPE2,F)
805	#N/A	2111060001	TR -300V -0.05A TO-92 40	Q404	BF421(TPE2,F)
806	#N/A	2111620300	TR -40V -3A 2-8H1A 120-240	Q203	2SA1359-Y(Q)
807	#N/A	2111620300	TR -40V -3A 2-8H1A 120-240	Q208	2SA1359-Y(Q)
808	E-D-0403-1199	2300062706	LED 5mm ORG/GRN 3PIN	LED301	EL339-1EGW
809	#N/A	2300062778	LED ORG/GRN 5mm 3PIN C.C.	LED301	GP31052MK-ZO
810	#N/A	2420063500	FET 250V 8.1A 0.45ohm TO-220AB	Q414	IRF634PBF
811	#N/A	2420063500	FET 250V 8.1A 0.45ohm TO-220AB	Q416	IRF634PBF
812	#N/A	2420063500	FET 250V 8.1A 0.45ohm TO-220AB	Q425	IRF634PBF
813	#N/A	2420063500	FET 250V 8.1A 0.45ohm TO-220	Q414	IRF634A
814	#N/A	2420063500	FET 250V 8.1A 0.45ohm TO-220	Q416	IRF634A
815	#N/A	2420063500	FET 250V 8.1A 0.45ohm TO-220	Q425	IRF634A
816	#N/A	2420063503	FET 250V 8.1A 0.45OHM TO-220	Q414	IRF634B
817	#N/A	2420063503	FET 250V 8.1A 0.45OHM TO-220	Q416	IRF634B
818	#N/A	2420063503	FET 250V 8.1A 0.45OHM TO-220	Q425	IRF634B
819	E-Q-0402-7025	242008060208	FET 800V 11A 0.9ohm TO-220	Q101	STP10NK80Z
820	#N/A	2420163505	FET 250V 8.1A 0.45ohm TO-220F	Q202	IRFS634B
821	#N/A	2420163505	FET 250V 8.1A 0.45ohm TO-220F	Q414	IRFS634B
822	#N/A	2420163505	FET 250V 8.1A 0.45ohm TO-220F	Q416	IRFS634B
823	#N/A	2420163505	FET 250V 8.1A 0.45ohm TO-220F	Q425	IRFS634B
824	E-IC-0401-2392	2500165011	IC 80V TRIPLE BIAS CLAMP 8PIN	IC603	LM2480
825	E-IC-0401-0985	2510005310	IC PWM 8PIN	IC101	E-UC3843BN

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal #
826	E-IC-0401-2730	2530026104	IC VERT DEFLECTION SIP-10P	IC501	KA2142
827	E-00000870	2530142206	IC DEFLECTION PROCESSOR SDIP-32P	IC401	STV9118
828	E-00001220	2530159204	IC MONO 3-CH 7nS CRT DRIVER TO220-9P	IC602	LM2470TA
829	E-IC-0401-2947	2530209026	IC MASK OSD CONTROLLER SKINNY-28P	IC601	NT6813K/28-30001
830	E-IC-0401-2734	2610031218	IC 8BIT uP 60K FLASH MEMORY SDIP-42P	IC301	NT68F63U
831	E-00001215	2610185842	IC EEPROM 1024*8 PDIP-8PIN	IC302	M24C08-WBN6P
832	E-T-0408-0323	2800421400	TRANSFORMER EE19 19MH +/-10%	T402	19A-9008
833	#N/A	2831028200	BOBBIN+WIRE ASSY FOR 19A-9008		
834	M-MS-0808-5087	3167921200	BOBBIN & LUG*5 ASSY		
835	M-MS-0808-7460	3220311724	TAPE W=10.5 CT-280 YAHUA		CT-280 W=10.5
836	#N/A	4010400200	WIRE CU 0.2 2UEW NAT		
837	#N/A	4010560200	WIRE CU 0.4 2UEW NAT		
838	M-WR-0828-0399	4010570000	WIRE CU 0.4 2UEWN NAT MW-28		
839	M-WR-0828-0404	4011170000	WIRE CU .2 2UEWN NAT MW-28		0.2 2UEWN NAT MW-2
840	#N/A	4090050100	SOLDER BAR SN96.5/AG3.0/CU0.5		SAC305 SOLDER BAR
841	#N/A	3220310624	TAPE W=5 CT-280 YAHUA		CT-280 W=5
842	M-MS-0808-5144	4020114600	VARNISH V-1630FS VIKING CLEAR		V-1630FS
843	M-MS-0808-5145	4020116500	EPOXY G757		
844	M-MS-0808-5146	4020117500	EPOXY 2089-1 A		2089-1 A
845	M-MS-0808-5147	4020117600	EPOXY 2089-1 B		2089-1 B
846	M-MS-0808-5152	4020205500	THINNER OF V-1380		
847	M-MS-0808-5153	4020208200	FLUX ROSIN 800 NO CLEAN		800 NO CLEAN
848	M-MS-0808-5165	4020500500	INK BLACK		
849	M-MS-0808-5166	4020604000	VARNISH V-1380FC VIKING		V-1380FC
850	#N/A	4090050100	SOLDER BAR SN96.5/AG3.0/CU0.5		SAC305 SOLDER BAR
851	E-L-0407-1125	4120503600	CORE FERI EE19 2F8 U2200		EE19 2F8
852	E-L-0407-1127	4120504700	CORE FERI EE19 TP3 UI=2500		EE19 TP3
853	E-L-0407-1128	4120505000	CORE FERI EE19 PM7 UI=2400		EE1916 PM7
854	#N/A	4120506000	CORE FERI EE19A PG232 U2300		FH-PG232-EE19A
855	E-00001223	2801431200	TRANSFORMER SMT 250UH K	T101	SMT-35RV-384T
856	#N/A	3166006000	BOBBIN & LUG*12 L1=4.0+/-0.5		
857	M-MS-0808-5250	3220130400	TAPE W=9 #1350F-1 3M		#1350F-1 W=9
858	#N/A	3220145010	TAPE W=26.5 #1350F-1 3M		#1350F-1 W=26.5
859	M-MS-0808-7466	3220311424	TAPE W=9 CT-280 YAHUA		CT-280 W=9
860	#N/A	3220316924	TAPE W=26.5 CT-280 YAHUA		CT-280 W=26.5
861	#N/A	3221220400	TAPE W=3 2L #44 3M		#44 W=3 2L
862	#N/A	3221220900	TAPE W=6 2L #44 3M		#44 W=6 2L
863	#N/A	3221230400	TAPE W=3 2L #40 TENRICH		#40 W=3 2L
864	#N/A	3221230600	TAPE W=6 2L #40 TENRICH		#40 W=6 2L
865	#N/A	4010460000	WIRE CU 0.25 2UEW NAT		
866	M-WR-0828-0426	4010580000	WIRE CU 0.45 2UEW NAT		0.45# 2UEW NAT
867	M-WR-0828-0416	4010590000	WIRE CU 0.45 2UEWN NAT MW-28		
868	M-WR-0828-0428	4011160100	WIRE CU .25 2UEWN NAT MW-28		
869	#N/A	4011550000	WIRE CU 0.35 2UEWN NATURE		0.35# 2UEWN NAT
870	#N/A	4011550400	WIRE CU 0.35 2UEW NAT MW-75		
871	M-MS-0808-5144	4020114600	VARNISH V-1630FS VIKING CLEAR		V-1630FS
872	M-MS-0808-5145	4020116500	EPOXY G757		
873	M-MS-0808-5146	4020117500	EPOXY 2089-1 A		2089-1 A
874	M-MS-0808-5147	4020117600	EPOXY 2089-1 B		2089-1 B
875	M-MS-0808-5352	4020200300	SOLVENT XYLENE		
876	M-MS-0808-5153	4020208200	FLUX ROSIN 800 NO CLEAN		800 NO CLEAN
877	M-MS-0808-5154	4020208300	THINNER OF ROSIN 800 ADDITIV		800 ADDITIVE
878	M-MS-0808-5165	4020500500	INK BLACK		
879	#N/A	4090050100	SOLDER BAR SN96.5/AG3.0/CU0.5		SAC305 SOLDER BAR
880	#N/A	4131101500	CORE FERI EER35L TP4		EER35L TP4
881	#N/A	4131105800	CORE FERI EER3542 JPP4 UI=2300		EER35/42 JPP4
882	#N/A	2802916300	TRANSFORMER DT 1.15MH MIN	T403	DT-19EV-168T
883	#N/A	3198060200	BOBBIN & LUG*5 ASSY L1=4.5+/-0.5		
884	M-MS-0808-5389	3220130300	TAPE W=7 #1350F-1 3M		#1350F-1 W=7
885	M-MS-0808-5250	3220130400	TAPE W=9 #1350F-1 3M		#1350F-1 W=9
886	#N/A	3220311024	TAPE W=7 CT-280 YAHUA		CT-280 W=7
887	M-MS-0808-7466	3220311424	TAPE W=9 CT-280 YAHUA		CT-280 W=9
888	#N/A	4010400200	WIRE CU 0.2 2UEW NAT		
889	M-WR-0828-0404	4011170000	WIRE CU .2 2UEWN NAT MW-28		0.2 2UEWN NAT MW-2
890	M-MS-0808-5144	4020114600	VARNISH V-1630FS VIKING CLEAR		V-1630FS
891	M-MS-0808-5145	4020116500	EPOXY G757		
892	M-MS-0808-5146	4020117500	EPOXY 2089-1 A		2089-1 A
893	M-MS-0808-5147	4020117600	EPOXY 2089-1 B		2089-1 B
894	M-MS-0808-5352	4020200300	SOLVENT XYLENE		

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal #
895	M-MS-0808-5153	4020208200	FLUX ROSIN 800 NO CLEAN		800 NO CLEAN
896	M-MS-0808-5154	4020208300	THINNER OF ROSIN 800 ADDITIV		800 ADDITIVE
897	M-MS-0808-5165	4020500500	INK BLACK		
898	#N/A	4090050100	SOLDER BAR SN96.5/AG3.0/CU0.5		SAC305 SOLDER BAR
899	E-L-0407-1126	4120503700	CORE FERI EE19 NC-2H		NC-2H FEE-19/16/5
900	E-L-0407-1127	4120504700	CORE FERI EE19 TP3 UI=2500		EE19 TP3
901	#N/A	4120505200	CORE FERI EE19 MZ4 UI=2400		EE19 MZ4
902	E-L-0407-1183	2816300400	INDUCTOR CD 14.5UH K	L206	CD-6.0-04
903	#N/A	2816334710	INDUCTOR CD 65uH +/-10% 5.5A	L201	E-10718D
904	#N/A	2816341410	INDUCTOR CD 110UH K 3.5A	L405	E-10209
905	#N/A	2816366010	INDUCTOR LINEAR 3.3UH +/-15% 3.5A	L404	E-10681
906	#N/A	2816383210	INDUCTOR CD 29UH +/-15%	L403	E-10682
907	E-L-0407-0710	2816800210	INDUCTOR CD 3.9MH K	L402	E-4840A
908	E-L-0407-1576	2816800282	INDUCTOR CD 3.9MH K	L402	LG392
909	E-L-0407-0809	2817202100	LINE FILTER 18MH MIN	FL101	LFZ2805V06
910	#N/A	2836021300	3131580000+4157010900 ASSY		
911	M-MS-0808-5243	3131580000	BOBBIN ROLL PBT 94V-0		
912	E-L-0407-1161	4157010900	CORE FERI SP28*28 CV-8		FOE2828 CV8
913	#N/A	2836021400	3131580000+4157011000 ASSY		
914	M-MS-0808-5243	3131580000	BOBBIN ROLL PBT 94V-0		
915	E-L-0407-1181	4157011000	CORE FERI SP28*28 A07 UI=7000		A07 ET-28
916	#N/A	2836021900	3131580000+4157012300 ASSY		
917	M-MS-0808-5243	3131580000	BOBBIN ROLL PBT 94V-0		
918	#N/A	4157012300	CORE FERI SP28 TL7 UI=7000		
919	M-MS-0808-5246	3170800100	BASE&LUG 2,3,6,7 L=4		
920	M-WR-0828-0400	4010600100	WIRE CU 0.5 2UEW NAT		
921	M-MS-0808-5145	4020116500	EPOXY G757		
922	M-MS-0808-5148	4020121100	EPOXY ADHESIVE HOT-MELT A-208		A-208
923	M-MS-0808-5153	4020208200	FLUX ROSIN 800 NO CLEAN		800 NO CLEAN
924	M-MS-0808-5165	4020500500	INK BLACK		
925	#N/A	4090050100	SOLDER BAR SN96.5/AG3.0/CU0.5		SAC305 SOLDER BAR
926	E-L-0407-0972	2817206700	LINE FILTER 7.8mH MIN	FL102	LFZ24V08
927	#N/A	2836022000	3132010300+4157030100 ASSY		
928	M-MS-0808-5085	3132010300	BOBBIN PBT 94V-0		
929	E-L-0407-1132	4157030100	CORE FERI SP24*24 MA070 U7000		MA070 ET-24A
930	#N/A	2836022100	3132010300+4157030200 ASSY		
931	M-MS-0808-5085	3132010300	BOBBIN PBT 94V-0		
932	#N/A	4157030200	CORE FERI SP24*24 A07 U7000		A07 ET-24
933	#N/A	2836022300	3132010300+4157030500 ASSY		
934	M-MS-0808-5085	3132010300	BOBBIN PBT 94V-0		
935	E-L-0407-1134	4157030500	CORE FERI SP2424 NC-7 Ui=7000		SP2424 NC-7
936	#N/A	2836036000	3132010300+4157031400 ASSY		
937	M-MS-0808-5085	3132010300	BOBBIN PBT 94V-0		
938	E-L-0407-1444	4157031400	CORE FERI SP24 TL7 UI=7000		ET24 TL7
939	#N/A	2836046100	3132010300+4157031500 ASSY		
940	M-MS-0808-5085	3132010300	BOBBIN PBT 94V-0		
941	E-L-0407-1445	4157031500	CORE FERI SP24 JFH2		SP24 JFH2
942	M-MS-0808-7009	3171046500	BASE & LUG*4 L1=3.5+/-0.3		
943	M-WR-0828-0400	4010600100	WIRE CU 0.5 2UEW NAT		
944	M-MS-0808-5145	4020116500	EPOXY G757		
945	M-MS-0808-5148	4020121100	EPOXY ADHESIVE HOT-MELT A-208		A-208
946	M-MS-0808-5151	4020204800	FLUX A83 ALPHA		A83
947	M-MS-0808-5153	4020208200	FLUX ROSIN 800 NO CLEAN		800 NO CLEAN
948	M-MS-0808-5165	4020500500	INK BLACK		
949	#N/A	4090050100	SOLDER BAR SN96.5/AG3.0/CU0.5		SAC305 SOLDER BAR
950	E-00001222	2850011310	FBT 19" 96KHZ 1.28mH	T401	CF2183DE2705
951	E-L-0407-0494	2921020100	CORE BEAD 3.5*6*1.0 T/R	JW101	C8B RH3.5*6*1.0 T/
952	E-L-0407-0494	2921020100	CORE BEAD 3.5*6*1.0 T/R	L101	C8B RH3.5*6*1.0 T/
953	E-L-0407-0494	2921020100	CORE BEAD 3.5*6*1.0 T/R	L103	C8B RH3.5*6*1.0 T/
954	E-L-0407-0494	2921020100	CORE BEAD 3.5*6*1.0 T/R	L104	C8B RH3.5*6*1.0 T/
955	E-L-0407-0494	2921020100	CORE BEAD 3.5*6*1.0 T/R	L105	C8B RH3.5*6*1.0 T/
956	E-L-0407-0494	2921020100	CORE BEAD 3.5*6*1.0 T/R	L203	C8B RH3.5*6*1.0 T/
957	E-L-0407-0494	2921020100	CORE BEAD 3.5*6*1.0 T/R	L204	C8B RH3.5*6*1.0 T/
958	E-L-0407-0494	2921020100	CORE BEAD 3.5*6*1.0 T/R	L207	C8B RH3.5*6*1.0 T/
959	E-L-0407-0494	2921020100	CORE BEAD 3.5*6*1.0 T/R	L409	C8B RH3.5*6*1.0 T/
960	E-L-0407-0494	2921020100	CORE BEAD 3.5*6*1.0 T/R	L605	C8B RH3.5*6*1.0 T/
961	E-L-0407-0494	2921020100	CORE BEAD 3.5*6*1.0 T/R	L615	C8B RH3.5*6*1.0 T/
962	E-L-0407-0494	2921020100	CORE BEAD 3.5*6*1.0 T/R	L616	C8B RH3.5*6*1.0 T/
963	E-L-0407-1572	2921020182	CORE BEAD 3.5*1.2*6 T/R	L103	LB3.5*6

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal #
964	E-L-0407-1572	2921020182	CORE BEAD 3.5*1.2*6 T/R	L104	LB3.5*6
965	E-L-0407-1572	2921020182	CORE BEAD 3.5*1.2*6 T/R	L105	LB3.5*6
966	E-L-0407-1572	2921020182	CORE BEAD 3.5*1.2*6 T/R	L203	LB3.5*6
967	E-L-0407-1572	2921020182	CORE BEAD 3.5*1.2*6 T/R	L204	LB3.5*6
968	E-L-0407-1427	2921050700	CORE BEAD 2.5*3*1.0 W5 T/R	L202	W5 RH2.5*3*1.0 T/R
969	E-L-0407-1427	2921050700	CORE BEAD 2.5*3*1.0 W5 T/R	L406	W5 RH2.5*3*1.0 T/R
970	E-L-0407-1427	2921050700	CORE BEAD 2.5*3*1.0 W5 T/R	L602	W5 RH2.5*3*1.0 T/R
971	E-L-0407-1427	2921050700	CORE BEAD 2.5*3*1.0 W5 T/R	L603	W5 RH2.5*3*1.0 T/R
972	E-L-0407-1427	2921050700	CORE BEAD 2.5*3*1.0 W5 T/R	L604	W5 RH2.5*3*1.0 T/R
973	E-L-0407-1427	2921050700	CORE BEAD 2.5*3*1.0 W5 T/R	L612	W5 RH2.5*3*1.0 T/R
974	E-L-0407-1427	2921050700	CORE BEAD 2.5*3*1.0 W5 T/R	L613	W5 RH2.5*3*1.0 T/R
975	E-L-0407-1427	2921050700	CORE BEAD 2.5*3*1.0 W5 T/R	L614	W5 RH2.5*3*1.0 T/R
976	E-L-0407-1602	2921050782	CORE BEAD 2.5*3*1.0 W5 T/R	L202	LB2.5*3
977	E-L-0407-1602	2921050782	CORE BEAD 2.5*3*1.0 W5 T/R	L406	LB2.5*3
978	E-L-0407-1015	2922040006	COIL PEAKING 2.2uH K TP AXIAL 0307	L611	CP-0307AT-2R2K
979	E-L-0407-1015	2922040006	COIL PEAKING 2.2uH K TP AXIAL 0307	L617	CP-0307AT-2R2K
980	E-L-0407-1015	2922040006	COIL PEAKING 2.2uH K TP AXIAL 0307	L618	CP-0307AT-2R2K
981	E-L-0407-1243	2922130206	COIL PEAKING 22uH K TP AXIAL 0307	L601	CP-0307AT-220K
982	E-L-0407-1243	2922130206	COIL PEAKING 22uH K TP AXIAL 0307	L610	CP-0307AT-220K
983	E-L-0407-1152	2922390104	COIL PEAKING .33uH K TP AXIAL 0307	L607	AL0307ST-R33K-S-B
984	E-L-0407-1152	2922390104	COIL PEAKING .33uH K TP AXIAL 0307	L608	AL0307ST-R33K-S-B
985	E-L-0407-1152	2922390104	COIL PEAKING .33uH K TP AXIAL 0307	L609	AL0307ST-R33K-S-B
986	E-L-0407-1153	2922390106	COIL PEAKING .33uH K TP AXIAL 0307	L607	CP-0307AT-R33K
987	E-L-0407-1153	2922390106	COIL PEAKING .33uH K TP AXIAL 0307	L608	CP-0307AT-R33K
988	E-L-0407-1153	2922390106	COIL PEAKING .33uH K TP AXIAL 0307	L609	CP-0307AT-R33K
989	B-00001235	2970047600	PWB S0 FR-1(XPC) 250*330 (K996A)		
990	M-SW-0815-0151	3000091800	SWITCH TACTILE DC 12V 50mA	SW301A,SW 302A, SW303A,SW	
991	M-SW-0815-0151	3000091800	SWITCH TACTILE DC 12V 50mA	SW305	
992	M-SW-0815-0176	3000091816	SWITCH TACTILE DC 12V 50mA	SW301A,SW 302A, SW303A,SW	SKHHL1510
993	M-SW-0815-0176	3000091816	SWITCH TACTILE DC 12V 50mA	SW305	SKHHL1510
994	M-SW-0815-0202	3000091820	SWITCH TACTILE DC 15V 50mA	SW301A,SW 302A, SW303A,SW	TSVB-2-D
995	M-SW-0815-0202	3000091820	SWITCH TACTILE DC 15V 50mA	SW305	TSVB-2-D
996	M-SW-0815-0156	3000140416	SWITCH PUSH SPST DC30V 0.3A	SW101	SPPJ22NE01-TA
997	M-SW-0815-0193	3000140420	SWITCH PUSH SPST DC30V 0.3A	SW101	PS2
998	M-SW-0815-0164	3000140426	SWITCH PUSH SPST DC30V 0.3A	SW101	
999	M-MS-0808-6069	3020005436	SOCKET CRT NORMAL DOUBLE FOCUS	X601	SFCCB09120-TA
1000	M-MS-0808-6872	3020005439	SOCKET CRT NORMAL DOUBLE FOCUS	X601	GZS10-302A
1001	M-MS-0808-6790	3020603638	SOCKET AC PWB MOUNT INPUT 10A 250V	X101	SA-4S-020
1002	M-MS-0808-7802	3070023934	HEADER NY66 94V0 7P P2.5	P301	A2501WV2-7P
1003	M-MS-0808-7506	3071315634	HEADER NY66 94V0 6PIN	P601	
1004	M-MS-0808-5076	3071315734	HEADER NY66 94V0 7P P2.5 W/BOSS	P301	A2501WV2-7P-BS
1005	M-MS-0808-5378	3071406334	HEADER NY66 94V0 3P P2.5	P201	A2502WV2-3P
1006	A-VC-0101-0350	3080423300	CABLE D-SUB/HOUSING L1830 Y0-487 OD6 (Beige)		
1007	M-SCW-0824-0391	3100300800	SCREW M M3*0.5*8 PAN C S+P S20C ZN	IC602	
1008	M-SCW-0824-0004	3100301000	SCREW M M3*0.5*10 PAN C S+P S20C ZN		
1009	M-SCW-0824-0004	3100301000	SCREW M M3*0.5*10 PAN C S+P S20C ZN		
1010	M-SCW-0824-0433	3100301200	SCREW M M3*0.5*12 PAN C S+P S20C ZN		
1011	M-SCW-0824-0461	3106150400	SCREW T M3.5*1*8 PAN C S18C ZN YEL		
1012	M-SCW-0824-0411	3109010300	SCREW T M3*0.5*10 BIND C S18C ZN YEL		
1013	M-SCW-0824-0413	3109011400	SCREW T M3*0.5*6 BIND C S18C ZN YEL		
1014	M-SCW-0824-0617	3109017300	SCREW T M3*0.5*8 PAN C S S18C ZN		
1015	M-SCW-0824-0620	3109020500	SCREW T ?p4*1.6*10 PAN C S18C ZN YEL		
1016	M-SCW-0824-0393	3109020700	SCREW T M4*0.7*8 PAN C S S18C ZN		
1017	M-MS-0808-7326	3110110400	NUT M3*0.5 S1010C		
1018	#N/A	3227000100	TUBE HS POLYOLEFIN 7*.25 BLACK		VERAFIT 7*2.5 BLK
1019	M-MS-0808-5739	3227001900	TUBE HS POLYOLEFIN 5*.25 BLACK		VERSAFIT 5*0.25 BL
1020	M-MS-0808-6564	3240171300	INSULATOR SIRUB 20*14		
1021	M-MS-0808-5103	3240180000	INSULATOR SILICON T=0.275 19.05*12.7		SIL-PAD400
1022	M-MS-0808-5104	3240191000	INSULATOR BUSHING NY46 T=3 OD=6.1		
1023	#N/A	3240193100	BUSHING NYLON66 94V-0		602S
1024	M-MS-0808-7803	3240291900	INSULATOR SIRUB 12*26 T.275		
1025	#N/A	3341061201	HSK PLATE BRASS TIN PLATED T1.4 23.5*55.	HS201	
1026	M-MS-0808-7031	3341072500	HSK AL T=2.2 15*10.8*50 H	HS402	

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal #
1027	M-MS-0808-7311	3341159002	HSK AL T=2.5 85*47 I	HS101	
1028	HW-00001236	3341749600	HSK PLATE AL1100F PICKLING T2		
1029	#N/A	3342700305	HSK AL T=1 84.5*35 I	HS601	
1030	M-MS-0808-8237	3350141100	RIVET BRASS TIN PLATED 1.8*3.7*3		
1031	M-MS-0808-5111	3350141900	RIVET BRASS TIN PLATED 1.5*3.2*3		
1032	M-MS-0808-5111	3350141900	RIVET BRASS TIN PLATED 1.5*3.2*3		
1033	M-MS-0808-5112	3350143000	RIVET BRASS TIN PLATED 1.2*3*3		
1034	M-MS-0808-5112	3350143000	RIVET BRASS TIN PLATED 1.2*3*3		
1035	M-MS-0808-5112	3350143000	RIVET BRASS TIN PLATED 1.2*3*3		
1036	M-MS-0808-5119	3350252200	PIN ROUND BRONZE 2.36*13.8 TIN PLATED		
1037	M-MS-0808-5119	3350252200	PIN ROUND BRONZE 2.36*13.8 TIN PLATED		
1038	M-MS-0808-5119	3350252200	PIN ROUND BRONZE 2.36*13.8 TIN PLATED		
1039	M-MS-0808-5119	3350252200	PIN ROUND BRONZE 2.36*13.8 TIN PLATED		
1040	M-MS-0808-5119	3350252200	PIN ROUND BRONZE 2.36*13.8 TIN PLATED		
1041	M-MS-0808-5119	3350252200	PIN ROUND BRONZE 2.36*13.8 TIN PLATED		
1042	M-MS-0808-5119	3350252200	PIN ROUND BRONZE 2.36*13.8 TIN PLATED		
1043	M-MS-0808-5119	3350252200	PIN ROUND BRONZE 2.36*13.8 TIN PLATED		
1044	M-MS-0808-4828	3360053201	LED HOLDER NY66 NAT		
1045	M-WR-0828-0344	3411000200	JUMP WIRE COPPER 0.6*5.0*4.0	JW403,J206,J327,J318,J314,J316,J331	
1046	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1047	M-WR-0828-0224	3411000300	JUMP WIRE COPPER 0.6*7.5*4.0	J105	
1048	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1049	M-WR-0828-0224	3411000300	JUMP WIRE COPPER 0.6*7.5*4.0	J420,J320,J231,J309,J226,J203,J332,J40	
1050	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1051	M-WR-0828-0224	3411000300	JUMP WIRE COPPER 0.6*7.5*4.0	JW601,J613	
1052	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1053	M-WR-0828-0224	3411000300	JUMP WIRE COPPER 0.6*7.5*4.0	R205,J401,J319,J409,J611,J202,J315	
1054	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1055	M-WR-0828-0249	3411000400	JUMP WIRE COPPER 0.6*10.0*4.0	J210,J415,J427,J451,J324,J107,J304,J302,J412,J204,J307,J310,J30	
1056	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1057	M-WR-0828-0249	3411000400	JUMP WIRE COPPER 0.6*10.0*4.0	J406	
1058	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1059	M-WR-0828-0249	3411000400	JUMP WIRE COPPER 0.6*10.0*4.0	J411	
1060	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1061	M-WR-0828-0249	3411000400	JUMP WIRE COPPER 0.6*10.0*4.0	J436,J322,J325,J228,J201,J328,J432,J45	
1062	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1063	M-WR-0828-0249	3411000400	JUMP WIRE COPPER 0.6*10.0*4.0	J614J606,J61	
1064	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1065	M-WR-0828-0249	3411000400	JUMP WIRE COPPER 0.6*10.0*4.0	R226,R411,J211,R225	
1066	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1067	#N/A	3411000500	JUMP WIRE COPPER 0.6*12.5*4.0	J404,J306,J305,J323,J433,J	
1068	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1069	#N/A	3411000500	JUMP WIRE COPPER 0.6*12.5*4.0	J407,J321,J301,J429,J426,J414,J445,J230,J421,J447,J	
1070	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1071	#N/A	3411000500	JUMP WIRE COPPER 0.6*12.5*4.0	J610	
1072	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1073	#N/A	3411000500	JUMP WIRE COPPER 0.6*12.5*4.0	R401,R445,J229,J443,J442,J444,R5	
1074	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal #
1075	#N/A	3411000500	JUMP WIRE COPPER 0.6*12.5*4.0	R412,J449,J317,J457	
1076	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1077	M-WR-0828-0388	3411000600	JUMP WIRE COPPER 0.6*15.0*4.0	J205	
1078	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1079	M-WR-0828-0388	3411000600	JUMP WIRE COPPER 0.6*15.0*4.0	J333,R502,R503,J417,J450,J220,J437,J441,J416,	
1080	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1081	M-WR-0828-0389	3411000700	JUMP WIRE COPPER 0.6*17.5*4.0	J410,J213,J434,J439,J446,J212,J217,J21	
1082	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1083	M-WR-0828-0390	3411000800	JUMP WIRE COPPER 0.6*20.0*4.0	J430,J428,J216,J209,J208,J431,J408,J326,J435,J418,J419,J312,J33	
1084	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1085	M-WR-0828-0390	3411000800	JUMP WIRE COPPER 0.6*20.0*4.0	J440,J303,J424,J425	
1086	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1087	#N/A	3411004203	JUMP WIRE COPPER 0.6*6.0*4.0	J605	
1088	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1089	PL-CL-0710-0026	3420003302	CLIP FIXING SECC 30*10 T=1.5		
1090	M-MS-0808-5008	3421030303	CABLE TIE NYLON66 94V-2		YJ-98
1091	M-MS-0808-5123	3429009300	CLIP TIN SPTH 32*7 T=0.3		
1092	M-MS-0808-7487	3429019600	CLIP TIN SPTH 30.5*7 T=0.3		
1093	M-MS-0808-7513	3460103202	BRACKET REAR SECC 67*55 T=1		
1094	M-MS-0808-9038	3461230101	SHIELD CAN VIDEO SPTE 95*95 T.3		
1095	#N/A	3641058700	WIRE WITH TERMINAL 1007 #18 GEN L1330		
1096	M-WR-0828-0748	3641312100	WIRE WITH TERMINAL 1007 #18 BLK L185		
1097	M-WR-0828-5990	3642422902	WIRE WITH TERMINAL 1015 #18 Y/G L93 CORE		
1098	#N/A	3679018701	WIRE WITH HOUSING 1007 #24 7+5P		
1099	M-MS-0808-5153	4020208200	FLUX ROSIN 800 NO CLEAN		800 NO CLEAN
1100	M-MS-0808-5154	4020208300	THINNER OF ROSIN 800 ADDITIV		800 ADDITIVE
1101	#N/A	4090001000	SOLDER WIRE 50/50 1.6mm		
1102	#N/A	4090002100	SOLDER WIRE 63/37 1.0mm		
1103	M-MS-0808-5358	4090002400	SOLDER BAR 63/37		

BOM LIST (G90fB-3)

ViewSonic Model Number: VCDTS23283-3

Rev: 1a

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal #
1	E-00001241	0741904610	CRT .25 19" 96KHZ TCO		M46QCK761X214(TCO/
2	E-L-0407-1593	2840003006	DEGAUSSING COIL 11.30OHM K		62-9903-11
3	E-L-0407-1108	2840003007	DEGAUSSING COIL 11.30 OHM K		CB-990407-1525
4	A-PC-0106-0194	3072000300	AC POWER CORD L1830 BLACK US (Black)		
5	M-SCW-0824-0391	3100300800	SCREW M M3*0.5*8 PAN C S+P S20C ZN		
6	M-SCW-0824-0006	3109020201	SCREW T ? p4*1.4*16 PAN C S18C ZN YEL		
7	M-SCW-0824-0394	3109022200	SCREW T ? p4*1.6*35 PAN C S18C ZN		
8	M-SCW-0824-0395	3109030900	SCREW TAPPING 5*16*25 ROUND&W ZN		
9	M-LB-0813-0785	3200158900	LABEL STICKER OD10 WHT HI-POT		
10	M-LB-0813-0316	3200294600	LABEL BAR CODE 76*76 VSC		
11	M-LB-0813-0357	3200361101	LABEL BAR CODE 46*20		
12	DC-00001234	3201986300	LABEL ID 200*80.5 G90F-3 K996 SAR 01A		
13	M-LB-0813-0900	3202011000	LABEL SERIES PANEL 42*11 T0.05		
14	M-LB-0813-0901	3202118900	LABEL DOT STICKER ON CARTON ID=10 WHT		
15	M-LB-0813-0466	3209135100	NAME PLATE AL+PC VSC 3-BIRD LOGO 24.7*17		
16	M-MS-0808-7507	3220136000	TAPE W=29 #1350F-1 3M		#1350F-1 W=29
17	#N/A	3220601000	TAPE W=28 CM34 4P		CM34 W=28
18	M-MS-0808-4975	3221101500	TAPE W=76 PP47 914M 4P		PP47 W=76 914M
19	PL-CL-0710-0025	3230050300	F.B.T CLIP NY66 94V0 t=8.0		HV-1
20	PL-PD-0714-0021	3240920800	RUBBER PAD 20*6.5*5 BLACK		
21	#N/A	3240991200	RUBBER PAD 20*10 T14 BLACK		
22	PL-TB-0717-0142	3368049000	S/B ASSY J986SAM01B S9SC1AT&S9BC1AT (Black)		
23	C-00001110	3360259200	R/C PC+ABS EP32 S9RC1AT (Black)		
24	C-00001109	3368320000	F/B ASSY K996SAW01B S9PFC1AT (Black)		
25	M-MS-0808-7805	3360506500	LED LENS PMMA NAT Y0-487 S7FB2AT		
26	PL-000001255	3360925300	POWER KNOB ABS EP32 S7PFB1AT (Black)		
27	PL-000001256	3360738600	FUNCTION KEY ABS EP32 S7PFB1AT (Black)		
28	C-00001109	3361500400	F/B PC+ABS EP32 G90F S9PFC1AT (Black)		
29	M-MS-0808-7806	3462003900	SPRING COMPRESSION SUS304 ID6.5 L12		
30	M-MS-0808-5008	3421030303	CABLE TIE NYLON66 94V-2		YJ-98
31	M-MS-0808-5008	3421030303	CABLE TIE NYLON66 94V-2		YJ-98
32	M-MS-0808-5008	3421030303	CABLE TIE NYLON66 94V-2		YJ-98
33	M-MS-0808-5420	3421032500	CABLE TIE NYLON 94V-2 L=295		YJ-295
34	M-MS-0808-4206	3421047903	SPACER SUPPORT NYLON 94V-2 14*9*11.8		
35	P-00000216	3500112200	END BLOCK-TOP J986SBM00A		
36	P-00000217	3500112300	END BLOCK-BOTTOM J986SBM00A		
37	#N/A	3500910501	PE BAG 980*960 T.045		
38	#N/A	3500943300	PE BAG 350*450 T.06		
39	M-MS-0808-6078	3510389200	ANGLE PAPER 2170*55*55		DB-770 SBT
40	#N/A	3510477100	CAP PAPER 1145*1175*120		
41	P-00001225	3512275300	CARTON 560*580*508 G90F-3 K996 SAR 01A		
42	#N/A	3520032302	PALLET WOOD 1136*1166*126		
43	M-MS-0808-5135	3520082400	PE FILM t=0.02mm W=500		
44	M-MS-0808-8396	3520094201	PE BAG 260*155*0.1T		
45	#N/A	3524012201	PALLET FUMIGATE 565*1170*120		
46	DC-00001213	3532092500	CD-ROM G90F-3 K996 SAR 01A		
47	CB-00001233	3649110700	CRT GROUNDING WIRE K996		
48	#N/A	4090001000	SOLDER WIRE 50/50 1.6mm		
49	M-MS-0808-7881	5011088201	MANUAL VIEWSONIC CRT ALL MODEL		
50	B-00001210	5600010632	MAIN BD ASSY K996 SAR 01A		
51	E-R-0405-5879	0013100000	RES CF 1/4W 10 J	J106	RD1/4WJ 10R T52
52	E-R-0405-3090	0013101000	RES CF 1/4W 100 J	R467	RD1/4WJ 101 T52
53	E-R-0405-3090	0013101000	RES CF 1/4W 100 J	R468	RD1/4WJ 101 T52
54	E-R-0405-5190	0013101800	RES CF 1/4W 100 J SMALL	R323	RD16ST52 100R J
55	E-R-0405-5190	0013101800	RES CF 1/4W 100 J SMALL	R324	RD16ST52 100R J
56	E-R-0405-5190	0013101800	RES CF 1/4W 100 J SMALL	R341	RD16ST52 100R J
57	E-R-0405-5190	0013101800	RES CF 1/4W 100 J SMALL	R448	RD16ST52 100R J
58	E-R-0405-5190	0013101800	RES CF 1/4W 100 J SMALL	R458	RD16ST52 100R J
59	E-R-0405-5190	0013101800	RES CF 1/4W 100 J SMALL	R609	RD16ST52 100R J
60	E-R-0405-5190	0013101800	RES CF 1/4W 100 J SMALL	R610	RD16ST52 100R J
61	E-R-0405-5190	0013101800	RES CF 1/4W 100 J SMALL	R613	RD16ST52 100R J
62	E-R-0405-5190	0013101800	RES CF 1/4W 100 J SMALL	R616	RD16ST52 100R J
63	E-R-0405-5190	0013101800	RES CF 1/4W 100 J SMALL	R617	RD16ST52 100R J
64	E-R-0405-5190	0013101800	RES CF 1/4W 100 J SMALL	R618	RD16ST52 100R J
65	E-R-0405-5190	0013101800	RES CF 1/4W 100 J SMALL	R630	RD16ST52 100R J

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal #
66	E-R-0405-3195	0013102000	RES CF 1/4W 1K J	R120	RD1/4W 1KOHM JT/B
67	E-R-0405-3195	0013102000	RES CF 1/4W 1K J	R202	RD1/4W 1KOHM JT/B
68	E-R-0405-3195	0013102000	RES CF 1/4W 1K J	R479	RD1/4W 1KOHM JT/B
69	E-R-0405-3195	0013102000	RES CF 1/4W 1K J	R481	RD1/4W 1KOHM JT/B
70	E-R-0405-3195	0013102000	RES CF 1/4W 1K J	R482	RD1/4W 1KOHM JT/B
71	E-R-0405-5693	0013102800	RES CF 1/4W 1K J SMALL	R212	RD16ST52 1K J
72	E-R-0405-5693	0013102800	RES CF 1/4W 1K J SMALL	R220	RD16ST52 1K J
73	E-R-0405-5693	0013102800	RES CF 1/4W 1K J SMALL	R340	RD16ST52 1K J
74	E-R-0405-5693	0013102800	RES CF 1/4W 1K J SMALL	R495	RD16ST52 1K J
75	E-R-0405-5693	0013102800	RES CF 1/4W 1K J SMALL	R607	RD16ST52 1K J
76	E-R-0405-5693	0013102800	RES CF 1/4W 1K J SMALL	R615	RD16ST52 1K J
77	E-R-0405-5693	0013102800	RES CF 1/4W 1K J SMALL	R633	RD16ST52 1K J
78	E-R-0405-5693	0013102800	RES CF 1/4W 1K J SMALL	R634	RD16ST52 1K J
79	E-R-0405-5693	0013102800	RES CF 1/4W 1K J SMALL	R635	RD16ST52 1K J
80	E-R-0405-3175	0013103000	RES CF 1/4W 10K J	R110	RD25ST52 10K J
81	E-R-0405-3175	0013103000	RES CF 1/4W 10K J	R429	RD25ST52 10K J
82	E-R-0405-3175	0013103000	RES CF 1/4W 10K J	R434	RD25ST52 10K J
83	E-R-0405-3175	0013103000	RES CF 1/4W 10K J	R453	RD25ST52 10K J
84	E-R-0405-3175	0013103000	RES CF 1/4W 10K J	R477	RD25ST52 10K J
85	E-R-0405-3175	0013103000	RES CF 1/4W 10K J	R480	RD25ST52 10K J
86	E-R-0405-3175	0013103000	RES CF 1/4W 10K J	R491	RD25ST52 10K J
87	E-R-0405-3175	0013103000	RES CF 1/4W 10K J	R514	RD25ST52 10K J
88	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R206	RD16ST52 10K J
89	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R208	RD16ST52 10K J
90	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R214	RD16ST52 10K J
91	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R223	RD16ST52 10K J
92	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R307	RD16ST52 10K J
93	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R325	RD16ST52 10K J
94	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R326	RD16ST52 10K J
95	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R327	RD16ST52 10K J
96	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R328	RD16ST52 10K J
97	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R329	RD16ST52 10K J
98	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R330	RD16ST52 10K J
99	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R334	RD16ST52 10K J
100	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R338	RD16ST52 10K J
101	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R339	RD16ST52 10K J
102	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R4410	RD16ST52 10K J
103	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R451	RD16ST52 10K J
104	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R473	RD16ST52 10K J
105	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R474	RD16ST52 10K J
106	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R488	RD16ST52 10K J
107	E-R-0405-5694	0013103800	RES CF 1/4W 10K J SMALL	R512	RD16ST52 10K J
108	E-R-0405-3185	0013104000	RES CF 1/4W 100K J	R422	RD25ST52 100K J
109	E-R-0405-5690	0013104800	RES CF 1/4W 100K J SMALL	R121	RD16ST52 100K J
110	E-R-0405-5690	0013104800	RES CF 1/4W 100K J SMALL	R410	RD16ST52 100K J
111	E-R-0405-5690	0013104800	RES CF 1/4W 100K J SMALL	R4406	RD16ST52 100K J
112	E-R-0405-5690	0013104800	RES CF 1/4W 100K J SMALL	R511	RD16ST52 100K J
113	E-R-0405-3183	0013105000	RES CF 1/4W 1M J	R493	BCW4J0105
114	E-R-0405-5695	0013106800	RES CF 1/4W 10M J SMALL	R309	BCS4J0106A0
115	#N/A	0013113800	RES CF 1/4W 11K J SMALL	R129	RD16ST52 11K J
116	#N/A	0013113800	RES CF 1/4W 11K J SMALL	R510	RD16ST52 11K J
117	E-R-0405-5699	0013114800	RES CF 1/4W 110K J SMALL	R461	RD16ST52 110K J
118	#N/A	0013122000	RES CF 1/4W 1.2K J	R128	RD 1/4W 1.2KOHM JT
119	E-R-0405-5809	0013123800	RES CF 1/4W 12K J SMALL	R418	RD16ST52 12K J
120	E-R-0405-5702	0013134800	RES CF 1/4W 130K J SMALL	R417	RD16ST52 130K J
121	E-R-0405-2330	0013153000	RES CF 1/4W 15K J	R440	RD1/4W 15KOHM JT/B
122	E-R-0405-2330	0013153000	RES CF 1/4W 15K J	R444	RD1/4W 15KOHM JT/B
123	E-R-0405-2330	0013153000	RES CF 1/4W 15K J	R455	RD1/4W 15KOHM JT/B
124	E-R-0405-5705	0013153800	RES CF 1/4W 15K J SMALL	R452	CFR-25SJT 15K
125	E-R-0405-5706	0013154800	RES CF 1/4W 150K J SMALL	R516	RD16ST52 150K J
126	E-R-0405-5707	0013163800	RES CF 1/4W 16K J SMALL	R416	RD16ST52 16K J
127	#N/A	0013181800	RES CF 1/4W 180 J SMALL	R4402	RD1/4S 181 JTB
128	#N/A	0013181800	RES CF 1/4W 180 J SMALL	R496	RD1/4S 181 JTB
129	E-R-0405-2328	0013183000	RES CF 1/4W 18K J	R123	RD25ST52 18K J
130	E-R-0405-3450	0013201000	RES CF 1/4W 200 J	R631	RD1/4WJ 201 T52
131	E-R-0405-5887	0013220000	RES CF 1/4W 22 J	R109	RD1/4W 22OHM JT/B
132	E-R-0405-5888	0013221000	RES CF 1/4W 220 J	R438	RD25ST52 220R J
133	E-R-0405-5888	0013221000	RES CF 1/4W 220 J	R4404	RD25ST52 220R J

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal #
134	E-R-0405-5888	0013221000	RES CF 1/4W 220 J	R465	RD25ST52 220R J
135	E-R-0405-5712	0013221800	RES CF 1/4W 220 J SMALL	R442	RD1/4WST52 220 J
136	E-R-0405-5712	0013221800	RES CF 1/4W 220 J SMALL	R641	RD1/4WST52 220 J
137	E-R-0405-5712	0013221800	RES CF 1/4W 220 J SMALL	R642	RD1/4WST52 220 J
138	E-R-0405-5712	0013221800	RES CF 1/4W 220 J SMALL	R643	RD1/4WST52 220 J
139	E-R-0405-3072	0013222000	RES CF 1/4W 2.2K J	R211	RD1/4W 2.2KOHM JT
140	E-R-0405-3072	0013222000	RES CF 1/4W 2.2K J	R317	RD1/4W 2.2KOHM JT
141	E-R-0405-3072	0013222000	RES CF 1/4W 2.2K J	R318	RD1/4W 2.2KOHM JT
142	E-R-0405-3072	0013222000	RES CF 1/4W 2.2K J	R483	RD1/4W 2.2KOHM JT
143	E-R-0405-5713	0013222800	RES CF 1/4W 2.2K J SMALL	R462	RD16ST52 2.2K J
144	E-R-0405-5713	0013222800	RES CF 1/4W 2.2K J SMALL	R484	RD16ST52 2.2K J
145	E-R-0405-5932	0013224800	RES CF 1/4W 220K J SMALL	R492	RD16ST52 220K J
146	E-R-0405-5715	0013228800	RES CF 1/4W 2.2 J SMALL	R409	RD1/4WSJ 2R2 T52
147	E-R-0405-5718	0013243800	RES CF 1/4W 24K J SMALL	R106	RD16ST52 24K J
148	E-R-0405-5718	0013243800	RES CF 1/4W 24K J SMALL	R485	RD16ST52 24K J
149	E-R-0405-5720	0013270800	RES CF 1/4W 27 J SMALL	R124	RD16ST52 27R J
150	#N/A	0013271800	RES CF 1/4W 270 J SMALL	R125	RD 1/4WS 270OHM JT
151	E-R-0405-5721	0013272800	RES CF 1/4W 2.7K J SMALL	R122	RD16ST52 2.7K J
152	E-R-0405-2379	0013273000	RES CF 1/4W 27K J	R475	BCW4J0273A0
153	E-R-0405-5722	0013273800	RES CF 1/4W 27K J SMALL	R463	RD16ST52 27K J
154	E-R-0405-5723	0013301800	RES CF 1/4W 300 J SMALL	R499	RD16ST52 300R J
155	E-R-0405-5724	0013302800	RES CF 1/4W 3K J SMALL	R472	RD16ST52 3K J
156	E-R-0405-5725	0013303800	RES CF 1/4W 30K J SMALL	R301	CFR-25SJ 30K
157	#N/A	0013304800	RES CF 1/4W 300K J SMALL	R405	RD16ST52 300K J
158	E-R-0405-5819	0013330000	RES CF 1/4W 33 J	R604	RD1/4WJ 33R T52
159	E-R-0405-5819	0013330000	RES CF 1/4W 33 J	R605	RD1/4WJ 33R T52
160	E-R-0405-5819	0013330000	RES CF 1/4W 33 J	R606	RD1/4WJ 33R T52
161	E-R-0405-5730	0013330800	RES CF 1/4W 33 J SMALL	R608	RD16ST52 33R J
162	E-R-0405-6509	0013331000	RES CF 1/4W 330 J	R313	RD1/4W 330OHM JT/B
163	E-R-0405-6509	0013331000	RES CF 1/4W 330 J	R314	RD1/4W 330OHM JT/B
164	E-R-0405-6509	0013331000	RES CF 1/4W 330 J	R336	RD1/4W 330OHM JT/B
165	E-R-0405-5731	0013331800	RES CF 1/4W 330 J SMALL	R321	RD16ST52 330R J
166	E-R-0405-5731	0013331800	RES CF 1/4W 330 J SMALL	R322	RD16ST52 330R J
167	E-R-0405-2532	0013332000	RES CF 1/4W 3.3K J	R335	RD25ST52 3.3K J
168	E-R-0405-5732	0013332800	RES CF 1/4W 3.3K J SMALL	R319	RD16ST52 3.3K J
169	E-R-0405-5732	0013332800	RES CF 1/4W 3.3K J SMALL	R332	RD16ST52 3.3K J
170	E-R-0405-5732	0013332800	RES CF 1/4W 3.3K J SMALL	R333	RD16ST52 3.3K J
171	E-R-0405-5732	0013332800	RES CF 1/4W 3.3K J SMALL	R337	RD16ST52 3.3K J
172	E-R-0405-5732	0013332800	RES CF 1/4W 3.3K J SMALL	R342	RD16ST52 3.3K J
173	E-R-0405-5732	0013332800	RES CF 1/4W 3.3K J SMALL	R4405	RD16ST52 3.3K J
174	E-R-0405-5732	0013332800	RES CF 1/4W 3.3K J SMALL	R446	RD16ST52 3.3K J
175	E-R-0405-5733	0013334800	RES CF 1/4W 330K J SMALL	R478	ERDS2TJ334V
176	#N/A	0013362000	RES CF 1/4W 3.6K J	R476	RD25ST52 3.6K J
177	E-R-0405-5742	0013394800	RES CF 1/4W 390K J SMALL	R612	RD16ST52 390K J
178	#N/A	0013431000	RES CF 1/4W 430 J	R315	RD25ST52 430R J
179	#N/A	0013431000	RES CF 1/4W 430 J	R316	RD25ST52 430R J
180	E-R-0405-2462	0013470000	RES CF 1/4W 47 J	R406	RD25ST52 47R J
181	E-R-0405-2462	0013470000	RES CF 1/4W 47 J	R619	RD25ST52 47R J
182	E-R-0405-2462	0013470000	RES CF 1/4W 47 J	R620	RD25ST52 47R J
183	E-R-0405-2462	0013470000	RES CF 1/4W 47 J	R621	RD25ST52 47R J
184	E-R-0405-5748	0013470800	RES CF 1/4W 47 J SMALL	R201	RD1/4S 470 JTB
185	E-R-0405-5748	0013470800	RES CF 1/4W 47 J SMALL	R207	RD1/4S 470 JTB
186	E-R-0405-5749	0013471800	RES CF 1/4W 470 J SMALL	R210	RD 1/4WS 470OHM JT
187	E-R-0405-3210	0013472000	RES CF 1/4W 4.7K J	R439	BCW4J0472A0
188	E-R-0405-3210	0013472000	RES CF 1/4W 4.7K J	R456	BCW4J0472A0
189	E-R-0405-5750	0013472800	RES CF 1/4W 4.7K J SMALL	R127	RD16ST52 4.7K J
190	E-R-0405-5750	0013472800	RES CF 1/4W 4.7K J SMALL	R302	RD16ST52 4.7K J
191	E-R-0405-5750	0013472800	RES CF 1/4W 4.7K J SMALL	R303	RD16ST52 4.7K J
192	E-R-0405-5750	0013472800	RES CF 1/4W 4.7K J SMALL	R304	RD16ST52 4.7K J
193	E-R-0405-5750	0013472800	RES CF 1/4W 4.7K J SMALL	R305	RD16ST52 4.7K J
194	E-R-0405-5750	0013472800	RES CF 1/4W 4.7K J SMALL	R306	RD16ST52 4.7K J
195	E-R-0405-5750	0013472800	RES CF 1/4W 4.7K J SMALL	R320	RD16ST52 4.7K J
196	E-R-0405-5750	0013472800	RES CF 1/4W 4.7K J SMALL	R331	RD16ST52 4.7K J
197	E-R-0405-5750	0013472800	RES CF 1/4W 4.7K J SMALL	R443	RD16ST52 4.7K J
198	E-R-0405-5750	0013472800	RES CF 1/4W 4.7K J SMALL	R490	RD16ST52 4.7K J
199	E-R-0405-3217	0013473000	RES CF 1/4W 47K J	R441	RD25ST52 47K J
200	E-R-0405-3217	0013473000	RES CF 1/4W 47K J	R466	RD25ST52 47K J
201	E-R-0405-5751	0013473800	RES CF 1/4W 47K J SMALL	R424	RD16ST52 47K J

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal #
202	E-R-0405-5751	0013473800	RES CF 1/4W 47K J SMALL	R437	RD16ST52 47K J
203	E-R-0405-5752	0013474800	RES CF 1/4W 470K J SMALL	R622	RD1/4WS 470KOHM JT
204	E-R-0405-5752	0013474800	RES CF 1/4W 470K J SMALL	R624	RD1/4WS 470KOHM JT
205	E-R-0405-5752	0013474800	RES CF 1/4W 470K J SMALL	R626	RD1/4WS 470KOHM JT
206	#N/A	0013510000	RES CF 1/4W 51 J	R623	RD1/4 510 JTB
207	#N/A	0013510000	RES CF 1/4W 51 J	R625	RD1/4 510 JTB
208	#N/A	0013510000	RES CF 1/4W 51 J	R627	RD1/4 510 JTB
209	E-R-0405-5828	0013512800	RES CF 1/4W 5.1K J SMALL	R419	RD16ST52 5.1K J
210	E-R-0405-5828	0013512800	RES CF 1/4W 5.1K J SMALL	R447	RD16ST52 5.1K J
211	#N/A	0013560000	RES CF 1/4W 56 J	R427	RD25ST52 56R J
212	E-R-0405-5755	0013562800	RES CF 1/4W 5.6K J SMALL	R423	RD16ST52 5.6K J
213	E-R-0405-5755	0013562800	RES CF 1/4W 5.6K J SMALL	R4401	RD16ST52 5.6K J
214	E-R-0405-5755	0013562800	RES CF 1/4W 5.6K J SMALL	R611	RD16ST52 5.6K J
215	E-R-0405-2485	0013563000	RES CF 1/4W 56K J	R413	RD25ST52 560K J
216	E-R-0405-2485	0013563000	RES CF 1/4W 56K J	R414	RD25ST52 560K J
217	E-R-0405-3738	0013622000	RES CF 1/4W 6.2K J	R131	RD1/4 622 JTB
218	#N/A	0013680000	RES CF 1/4W 68 J	R312	RD1/4WJ 68R T52
219	E-R-0405-5756	0013682800	RES CF 1/4W 6.8K J SMALL	R486	RD16ST52 6.8K J
220	E-R-0405-5901	0013683000	RES CF 1/4W 68K J	R494	RD25ST52 68K J
221	E-R-0405-5833	0013752800	RES CF 1/4W 7.5K J SMALL	R130	RD16ST52 7.5K J
222	#N/A	0013820000	RES CF 1/4W 82 J	R310	RD1/4WJ 82R T52
223	#N/A	0013821800	RES CF 1/4W 820 J SMALL	R227	RD16ST52 820R J
224	E-R-0405-5835	0013822800	RES CF 1/4W 8.2K J SMALL	R449	RD16ST52 8.2K J
225	E-R-0405-6670	0013913000	RES CF 1/4W 91K J	R487	RD1/4W 91KOHM JT/B
226	E-R-0405-5764	0023102000	RES CF 1/2W 1K J	R204	RD50ST52 1K J
227	E-R-0405-5764	0023102000	RES CF 1/2W 1K J	R218	RD50ST52 1K J
228	E-R-0405-5764	0023102000	RES CF 1/2W 1K J	R636	RD50ST52 1K J
229	E-R-0405-4359	0023105000	RES CF 1/2W 1M J	R101	RD1/2W 1MOHM JT/B
230	#N/A	0023108000	RES CF 1/2W 1 J	R116	RD50ST52 1R J
231	#N/A	0023150000	RES CF 1/2W 15 J	R404	RD1/2WJ 15R T52
232	#N/A	0023188000	RES CF 1/2W 1.8 J	R506	RD1/2WJ 1R8 T52
233	E-R-0405-6804	0023208000	RES CF 1/2W 2 J	R505	RD50ST52 2R J
234	E-R-0405-5939	0023224000	RES CF 1/2W 220K J	R460	RD50ST52 220K J
235	E-R-0405-5939	0023224000	RES CF 1/2W 220K J	R464	RD50ST52 220K J
236	E-R-0405-3524	0023228000	RES CF 1/2W 2.2 J	R115	RD50ST52 2R2 J
237	E-R-0405-6831	0023273000	RES CF 1/2W 27K J	R216	RD50ST52 27K J
238	E-R-0405-5770	0023303000	RES CF 1/2W 30K J	R629	RD50ST52 30K J
239	E-R-0405-6806	0023330000	RES CF 1/2W 33 J	R108	RD1/2W 33OHM JT/B
240	E-R-0405-0046	0023331000	RES CF 1/2W 330 J	R508	RD1/2W 330OHM JT/B
241	#N/A	0023332000	RES CF 1/2W 3.3K J	R407	RD50ST52 3.3K J
242	#N/A	0023390000	RES CF 1/2W 39 J	R222	RD50ST52 39R J
243	#N/A	0023478000	RES CF 1/2W 4.7 J	R632	RD50ST52 4R7 J
244	#N/A	0023564000	RES CF 1/2W 560K J	R104	RD50ST52 560K J
245	#N/A	0023564000	RES CF 1/2W 560K J	R105	RD50ST52 560K J
246	E-R-0405-6832	0023623000	RES CF 1/2W 62K J	R221	RD50ST52 62K J
247	#N/A	0111040800	RES MF 1/4W 820 F SMALL	R430	
248	#N/A	0111040800	RES MF 1/4W 820 F SMALL	R433	
249	E-R-0405-6304	0111053800	RES MF 1/4W 5.6K F SMALL	R507	
250	E-R-0405-5943	0111059800	RES MF 1/4W 10K F SMALL	R435	SN1/4WST52 10K F
251	E-R-0405-6082	0111061800	RES MF 1/4W 12K F SMALL	R515	
252	E-R-0405-5801	0111065800	RES MF 1/4W 18K F SMALL	R454	
253	#N/A	0111123800	RES MF 1/4W 8.45K F SMALL	R432	SN1/4WST52 8.45KOH
254	#N/A	0111135800	RES MF 1/4W 36K F SMALL	R426	
255	#N/A	0111135800	RES MF 1/4W 36K F SMALL	R431	
256	E-R-0405-6833	0111170800	RES MF 1/4W 3.83K F SMALL	R504	SN1/4WST52 3.83K F
257	#N/A	0111272800	RES MF 1/4W 51.1K F SMALL	R436	
258	#N/A	0111337800	RES MF 1/4W 9.09K F SMALL	R459	
259	#N/A	0111356800	RES MF 1/4W 24.3K F SMALL	R469	
260	#N/A	0111356800	RES MF 1/4W 24.3K F SMALL	R509	
261	E-R-0405-7087	0111383800	RES MF 1/4W 82.5 F SMALL	R601	MFR-25SFT 82R5
262	E-R-0405-7087	0111383800	RES MF 1/4W 82.5 F SMALL	R602	MFR-25SFT 82R5
263	E-R-0405-7087	0111383800	RES MF 1/4W 82.5 F SMALL	R603	MFR-25SFT 82R5
264	#N/A	0111409800	RES MF 1/4W 6.49K F SMALL	R471	
265	#N/A	0111427800	RES MF 1/4W 39K F SMALL	R513	MFS1/4DCT52A3902F
266	#N/A	0111436800	RES MF 1/4W 41.2K F SMALL	R470	
267	#N/A	0111442800	RES MF 1/4W 2.87K F SMALL	R415	
268	#N/A	0111588800	RES MF 1/4W 2.2K F SMALL	R428	RN1/4WS 2.2K FT/B
269	#N/A	0111588800	RES MF 1/4W 2.2K F SMALL	R450	RN1/4WS 2.2K FT/B

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal #
270	E-R-0405-5726	0133100000	RES MOF 1W 10 J	R420	RSN1WT63 J 10R
271	E-R-0405-5727	0133101000	RES MOF 1W 100 J	R4403	RSU01J 1000 A520
272	#N/A	0133124000	RES MOF 1W 120K J	R103	RSU01J 1203 A520
273	E-R-0405-5818	0133151000	RES MOF 1W 150 J	R421	
274	#N/A	0133152000	RES MOF 1W 1.5K J	R219	
275	E-R-0405-5729	0133181000	RES MOF 1W 180 J	R215	BO1WJ0181
276	E-R-0405-6836	0133302000	RES MOF 1W 3K J	R4408	RSN1WJ 3K T52
277	E-R-0405-6836	0133302000	RES MOF 1W 3K J	R489	RSN1WJ 3K T52
278	#N/A	0133399000	RES MOF 1W .39 J	R111	
279	#N/A	0133399000	RES MOF 1W .39 J	R112	
280	#N/A	0133439000	RES MOF 1W .43 J	R203	
281	E-R-0405-5735	0133471000	RES MOF 1W 470 J	R209	
282	#N/A	0133752000	RES MOF 1W 7.5K J	R224	
283	#N/A	0143121200	RES MOF 2W 120 J VDK	R425	RSI-2 121 J42B
284	#N/A	0143128000	RES MOF 2W 1.2 J	R213	
285	E-R-0405-5838	0143151000	RES MOF 2W 150 J	R408	
286	#N/A	0143391200	RES MOF 2W 390 J VDK	R117	MOR2WJ 390R F1
287	E-R-0405-4136	0143473200	RES MOF 2W 47K J VDK	R102	RSU02 J 4702 FB
288	E-R-0405-6308	0143689200	RES MOF 2W .68 J VDK	R403	
289	E-R-0405-0923	0190200400	RES FUSIBLE MF 1/2W .22 J SMALL	R457	RFS12JR220A520NL
290	E-R-0405-6645	0190204200	RES FUSIBLE MF 1/2W .1 J	R114	RF50CT52AR10J
291	E-R-0405-5777	0606113002	RES VR VERT 3/10W 200 M	VR401	VM6CKPH2-1S-B200
292	E-R-0405-5777	0606113004	RES VR VERT 0.1W 200 T	VR401	VZ067TH1B201
293	E-R-0405-5777	0606113013	RES VR VERT 0.3W 200 T	VR401	RVM-06VP01-1-201
294	E-R-0405-5778	0606201002	RES VR HORI 3/10W 1K M	VR101	VM6CKPV-1S-B1K
295	E-R-0405-5778	0606201002	RES VR HORI 3/10W 1K M	VR403	VM6CKPV-1S-B1K
296	E-R-0405-5386	0606201004	RES VR HORI 0.1W 1K T	VR101	VZ067TL1B102
297	E-R-0405-5386	0606201004	RES VR HORI 0.1W 1K T	VR403	VZ067TL1B102
298	E-R-0405-5778	0606201013	RES VR HORI 0.3W 1K T	VR101	RVM-06HP03-1-102
299	E-R-0405-5778	0606201013	RES VR HORI 0.3W 1K T	VR403	RVM-06HP03-1-102
300	E-RL-0414-0074	0720060701	RELAY 240VAC/12VDC 5A DPST TV4	RL101	OSA-SS-212DM5
301	#N/A	0720061235	RELAY 250VAC/12VDC 5A DPST TV3	RL101	JZC-42F-12V-2HS
302	E-RL-0414-0111	0720190216	RELAY 250VAC/12VDC 5A DPST TV-3	RL101	FTR-F4AK012T
303	E-RL-0414-0106	0720840115	RELAY 125VAC/12VDC 10A SPDT	RL401	833H-1C-C
304	#N/A	0720840135	RELAY 120VAC/12VDC 10A SPDT	RL401	JQC-3FF/012-1ZTS
305	E-X-0415-0077	0730140512	CRYSTAL 12MHZ 30PPM 30PF 49US	Y301	12.000MHZ(AT-49)
306	E-FS-0410-0089	0805340701	FUSE TSC 4A 250V UL SEM PIG	F101	5HTP4(93mm)
307	E-FS-0410-0089	0805340702	FUSE TSC 4A 250V UL SEM PIG	F101	0215004.MRET5
308	E-FS-0410-0098	0805340704	FUSE TSC 4A 250V UL SEM PIG	F101	181-4A+19265
309	M-MS-0808-7471	0900030118	RES PTC R=8 OHM +/-20% 27A 2P	PTC101	DGC2R08M
310	#N/A	0900030126	RES PTC R=8 OHM +/-20% 27A 2P	PTC101	MZ72-B80M1
311	E-TH-0416-0027	0910800211	RES NTC 8 L 3A	NTC101	08SP008L
312	E-TH-0416-0095	0910800216	NTC R=8 OHM L 3A	NTC101	SCK10083LSY751
313	E-C-0404-3961	1101045003	CAP Y CD 250VAC 1KP K B I	CY101	ECK-DRS102KBY
314	E-C-0404-3961	1101045003	CAP Y CD 250VAC 1KP K B I	CY102	ECK-DRS102KBY
315	E-C-0404-3961	1101045003	CAP Y CD 250VAC 1KP K B I	CY103	ECK-DRS102KBY
316	E-C-0404-3961	1101045007	CAP Y CD 250VAC 1KP K B I	CY101	DE7090B102KVA1-KC
317	E-C-0404-3961	1101045007	CAP Y CD 250VAC 1KP K B I	CY102	DE7090B102KVA1-KC
318	E-C-0404-3961	1101045007	CAP Y CD 250VAC 1KP K B I	CY103	DE7090B102KVA1-KC
319	E-C-0404-3961	1101045032	CAP Y CD 250VAC 1KP K B I	CY101	CS10-B2GA102KYGS
320	E-C-0404-3961	1101045032	CAP Y CD 250VAC 1KP K B I	CY102	CS10-B2GA102KYGS
321	E-C-0404-3961	1101045032	CAP Y CD 250VAC 1KP K B I	CY103	CS10-B2GA102KYGS
322	E-C-0404-4109	1101047003	CAP Y CD 250VAC 3.3KP M E I	CY106	ECK-DRS332MEY
323	#N/A	1101047007	CAP Y CD 250VAC 3.3KP M F I	CY106	DE7120F332MVA1-KC
324	E-C-0404-4109	1101047032	CAP Y CD 250VAC 3.3KP M E I	CY106	CS13-E2GA332MYGS
325	#N/A	1101047207	CAP Y CD 250VAC 3.3KP M F I TP	CY106	DE7120-487F332MVA1
326	#N/A	1101047232	CAP Y CD 250VAC 3.3KP M E I TP7.5	CY106	CS13-E2GA332MYP5
327	E-C-0404-4482	1111358800	CAP CD 50V .1U Z Y5V TP5	C403	FYU6104ZG1H
328	E-C-0404-4482	1111358800	CAP CD 50V .1U Z Y5V TP5	C421	FYU6104ZG1H
329	E-C-0404-4482	1111358800	CAP CD 50V .1U Z Y5V TP5	C422	FYU6104ZG1H
330	E-C-0404-4482	1111358800	CAP CD 50V .1U Z Y5V TP5	C441	FYU6104ZG1H
331	E-C-0404-4482	1111358800	CAP CD 50V .1U Z Y5V TP5	C601	FYU6104ZG1H
332	E-C-0404-4482	1111358800	CAP CD 50V .1U Z Y5V TP5	C602	FYU6104ZG1H
333	E-C-0404-4482	1111358800	CAP CD 50V .1U Z Y5V TP5	C603	FYU6104ZG1H
334	E-C-0404-4482	1111358800	CAP CD 50V .1U Z Y5V TP5	C617	FYU6104ZG1H
335	E-C-0404-4482	1111358800	CAP CD 50V .1U Z Y5V TP5	C624	FYU6104ZG1H
336	E-C-0404-4482	1111358800	CAP CD 50V .1U Z Y5V TP5	C625	FYU6104ZG1H
337	E-C-0404-4482	1111358800	CAP CD 50V .1U Z Y5V TP5	C626	FYU6104ZG1H

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal #
338	E-C-0404-4482	1111358800	CAP CD 50V .1U Z Y5V TP5	C640	FYU6104ZG1H
339	E-C-0404-4482	1111358800	CAP CD 50V .1U Z Y5V TP5	C403	DCS104Z30Y5VF6FJ5A
340	E-C-0404-4482	1111358800	CAP CD 50V .1U Z Y5V TP5	C421	DCS104Z30Y5VF6FJ5A
341	E-C-0404-4482	1111358800	CAP CD 50V .1U Z Y5V TP5	C422	DCS104Z30Y5VF6FJ5A
342	E-C-0404-4482	1111358800	CAP CD 50V .1U Z Y5V TP5	C441	DCS104Z30Y5VF6FJ5A
343	E-C-0404-3640	1120018800	CAP CD 100V 33P J C0G TP5	C306	CHA4330JG1H
344	E-C-0404-3640	1120018800	CAP CD 100V 33P J C0G TP5	C307	CHA4330JG1H
345	E-C-0404-3640	1120018800	CAP CD 100V 33P J C0G TP5	C306	DCC330J22C0GH6FJ5A
346	E-C-0404-3640	1120018800	CAP CD 100V 33P J C0G TP5	C307	DCC330J22C0GH6FJ5A
347	E-C-0404-3641	1120026800	CAP CD 100V 68P J C0G TP5	C309	CHA5680JG1H
348	E-C-0404-3641	1120026800	CAP CD 100V 68P J C0G TP5	C419	CHA5680JG1H
349	E-C-0404-3641	1120026800	CAP CD 100V 68P J C0G TP5	C440	CHA5680JG1H
350	E-C-0404-3720	1120030800	CAP CD 100V 100P J C0G TP5	C448	CHA6101JG1H
351	E-C-0404-3720	1120030800	CAP CD 100V 100P J C0G TP5	C452	CHA6101JG1H
352	E-C-0404-3778	1120032800	CAP CD 100V 120P J C0G TP5	C435	CHA7121JG1H
353	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C104	EA7103MG1H
354	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C107	EA7103MG1H
355	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C213	EA7103MG1H
356	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C217	EA7103MG1H
357	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C405	EA7103MG1H
358	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C408	EA7103MG1H
359	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C418	EA7103MG1H
360	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C442	EA7103MG1H
361	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C512	EA7103MG1H
362	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C604	EA7103MG1H
363	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C605	EA7103MG1H
364	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C607	EA7103MG1H
365	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C609	EA7103MG1H
366	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C611	EA7103MG1H
367	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C614	EA7103MG1H
368	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C616	EA7103MG1H
369	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C618	EA7103MG1H
370	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C619	EA7103MG1H
371	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C627	EA7103MG1H
372	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C639	EA7103MG1H
373	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C104	DCT103M30Z5UH6FJ5A
374	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C107	DCT103M30Z5UH6FJ5A
375	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C213	DCT103M30Z5UH6FJ5A
376	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C405	DCT103M30Z5UH6FJ5A
377	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C408	DCT103M30Z5UH6FJ5A
378	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C418	DCT103M30Z5UH6FJ5A
379	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C442	DCT103M30Z5UH6FJ5A
380	E-C-0404-3642	1122354800	CAP CD 100V .01U M Z5U TP5	C512	DCT103M30Z5UH6FJ5A
381	E-C-0404-3645	1122938800	CAP CD 100V 220P K Y5P TP5	C453	BA4221KG1H
382	E-C-0404-3723	1122940800	CAP CD 100V 330P K Y5P TP5	C434	BA4331KG1H
383	E-C-0404-3646	1122942800	CAP CD 100V 470P K Y5P TP5	C509	BA4471KG1H
384	E-C-0404-3647	1122944800	CAP CD 100V 680P K Y5P TP5	C506	BA4681KG1H
385	E-C-0404-3647	1122944800	CAP CD 100V 680P K Y5P TP5	C506	DCT681K22Y5PH6FJ5A
386	E-C-0404-3648	1122945800	CAP CD 100V 1KP K Y5P TP5	C642	BA4102KG1H
387	E-C-0404-3649	1122946800	CAP CD 100V 2.2KP K Y5P TP5	C109	BA5222KG1H
388	E-C-0404-3649	1122946800	CAP CD 100V 2.2KP K Y5P TP5	C111	BA5222KG1H
389	E-C-0404-3649	1122946800	CAP CD 100V 2.2KP K Y5P TP5	C439	BA5222KG1H
390	E-C-0404-4712	1130022800	CAP CD 500V 47P J C0G TP5	C635	CHC6470JG1H
391	E-C-0404-3651	1132354800	CAP CD 500V .01U M Z5U TP5	C103	EC0103MG1H
392	E-C-0404-3651	1132354800	CAP CD 500V .01U M Z5U TP5	C122	EC0103MG1H
393	E-C-0404-3651	1132354800	CAP CD 500V .01U M Z5U TP5	C103	DCM103M34Z5UL6FJ5A
394	E-C-0404-3651	1132354800	CAP CD 500V .01U M Z5U TP5	C122	DCM103M34Z5UL6FJ5A
395	E-C-0404-3652	1132930800	CAP CD 500V 100P K Y5P TP5	C450	BC4101KG1H
396	E-C-0404-3652	1132930800	CAP CD 500V 100P K Y5P TP5	C450	DCM101K22Y5PL6FJ5A
397	E-C-0404-3653	1132938800	CAP CD 500V 220P K Y5P TP5	C203	BC4221KG1H
398	E-C-0404-3654	1132945800	CAP CD 500V 1KP K Y5P TP5	C445	BC5102KG1H
399	E-C-0404-4484	1140024800	CAP CD 1KV 56P J C0G TP5	C208	CHM8560JG1H
400	E-C-0404-4484	1140024800	CAP CD 1KV 56P J C0G TP5	C218	CHM8560JG1H
401	E-C-0404-4673	1140030800	CAP CD 1KV 100P J C0G TP5	C118	CHM0101JG1
402	E-C-0404-3655	1142930800	CAP CD 1KV 100P K Y5P TP5	C116	
403	E-C-0404-3729	1142938800	CAP CD 1KV 220P K Y5P TP5	C214	BM5221KG1H
404	E-C-0404-3729	1142938800	CAP CD 1KV 220P K Y5P TP5	C220	BM5221KG1H
405	E-C-0404-3729	1142938800	CAP CD 1KV 220P K Y5P TP5	C214	DCH221K22Y5PN6FJ5A

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal #
406	E-C-0404-3729	1142938800	CAP CD 1KV 220P K Y5P TP5	C220	DCH221K22Y5PN6FJ5A
407	E-C-0404-3656	1142945800	CAP CD 1KV 1KP K Y5P TP5	C412	BM6102KG1H
408	E-C-0404-3656	1142945800	CAP CD 1KV 1KP K Y5P TP5	C612	BM6102KG1H
409	E-C-0404-3657	1152345000	CAP CD 2KV 1KP M Z5U	C633	EM28102M6H
410	E-C-0404-4691	1152346800	CAP CD 2KV 2.2KP M Z5U TP5	C634	EM28222MHA
411	E-C-0404-4692	1200063000	CAP MO DP 50V 820P J C0G TP R	C429	SR215A821JAAAP4-90
412	#N/A	1421022112	CAP AL 10V 220U M 6.3*12 TP5	C314	0110010227VM5
413	#N/A	1421022118	CAP AL 10V 220U M 6.3*11 TP5	C314	TVR1A221MA06110TC3
414	#N/A	1421210112	CAP AL 16V 100U M 6*12 TP5	C210	0110016107VM5
415	#N/A	1421210112	CAP AL 16V 100U M 6*12 TP5	C215	0110016107VM5
416	#N/A	1421210112	CAP AL 16V 100U M 6*12 TP5	C615	0110016107VM5
417	#N/A	1421210115	CAP AL 16V 100U M 5*11 TP5	C210	TVR1C101MA05110TC1
418	#N/A	1421210115	CAP AL 16V 100U M 5*11 TP5	C215	TVR1C101MA05110TC1
419	#N/A	1421210115	CAP AL 16V 100U M 5*11 TP5	C606	TVR1C101MA05110TC1
420	#N/A	1421210115	CAP AL 16V 100U M 5*11 TP5	C610	TVR1C101MA05110TC1
421	#N/A	1421210115	CAP AL 16V 100U M 5*11 TP5	C615	TVR1C101MA05110TC1
422	#N/A	1421210115	CAP AL 16V 100U M 5*11 TP5	C637	TVR1C101MA05110TC1
423	E-C-0404-4804	1421210212	CAP AL 16V 1KU M 10*20 TP5	C206	0110016108VM5
424	#N/A	1421210215	CAP AL 16V 1KU M 10*16 TP5	C206	TVR1C102MA10160RC5
425	E-C-0404-4934	1421222112	CAP AL 16V 220U M 8*11.5 TP5	C443	TVX1C221MA0811MTC3
426	#N/A	1421222115	CAP AL 16V 220U M 6.3*11 TP5	C443	TVR1C221MA06110TC3
427	#N/A	1421222115	CAP AL 16V 220U M 6.3*11 TP5	C608	TVR1C221MA06110TC3
428	#N/A	1421233112	CAP AL 16V 330U M 8*12 TP5	C503	0110016337VM4
429	#N/A	1421233115	CAP AL 16V 330U M 8*11.5 TP5	C503	TVR1C331MA0811MTC3
430	#N/A	1421247012	CAP AL 16V 47U M 5*11 TP5	C219	TVX1C470MA05110TC1
431	#N/A	1421247012	CAP AL 16V 47U M 5*11 TP5	C410	TVX1C470MA05110TC1
432	#N/A	1421247012	CAP AL 16V 47U M 5*11 TP5	C411	TVX1C470MA05110TC1
433	#N/A	1421247012	CAP AL 16V 47U M 5*12 TP5	C410	0110016476VM5
434	#N/A	1421247012	CAP AL 16V 47U M 5*12 TP5	C411	0110016476VM5
435	E-C-0404-4936	1421410112	CAP AL 25V 100U M 6.3*11 TP5	C105	TVX1E101MA06110TC3
436	E-C-0404-4936	1421410112	CAP AL 25V 100U M 6.3*11 TP5	C209	TVX1E101MA06110TC3
437	E-C-0404-4936	1421410112	CAP AL 25V 100U M 6*12 TP5	C209	0110025107VM4
438	E-C-0404-4936	1421410112	CAP AL 25V 100U M 6*12 TP5	C444	0110025107VM4
439	#N/A	1421410115	CAP AL 25V 100U M 6.3*11 TP5	C105	TVR1E101MA06110TC3
440	#N/A	1421410115	CAP AL 25V 100U M 6.3*11 TP5	C209	TVR1E101MA06110TC3
441	#N/A	1421410115	CAP AL 25V 100U M 6.3*11 TP5	C444	TVR1E101MA06110TC3
442	#N/A	1421433112	CAP AL 25V 330U M 10*12.5 TP5	C504	TVX1E331MA1012MRC5
443	#N/A	1421433114	CAP AL 25V 330U M 10*12	C504	SK025M0330SL10*12
444	#N/A	1421433115	CAP AL 25V 330U M 10*12.5 TP5	C504	UVR1E331MPA1TD
445	#N/A	1421447012	CAP AL 25V 47U M 5*11 TP5	C106	TVX1E470MA05110TC1
446	#N/A	1421447012	CAP AL 25V 47U M 5*11 TP5	C211	TVX1E470MA05110TC1
447	#N/A	1421447012	CAP AL 25V 47U M 5*11 TP5	C510	TVX1E470MA05110TC1
448	#N/A	1421447012	CAP AL 25V 47U M 5*11 TP5	C632	TVX1E470MA05110TC1
449	#N/A	1421447012	CAP AL 25V 47U M 5*11 TP5	C638	TVX1E470MA05110TC1
450	#N/A	1421447012	CAP AL 25V 47U M 5*12 TP5	C106	0110025476VM4
451	#N/A	1421447012	CAP AL 25V 47U M 5*12 TP5	C446	0110025476VM4
452	#N/A	1421447015	CAP AL 25V 47U M 5*11 TP5	C211	TVR1E470MA05110TC1
453	#N/A	1421447015	CAP AL 25V 47U M 5*11 TP5	C446	TVR1E470MA05110TC1
454	#N/A	1421447015	CAP AL 25V 47U M 5*11 TP5	C510	TVR1E470MA05110TC1
455	#N/A	1421447112	CAP AL 25V 470U M 10*16 TP5	C205	0110025477VM4
456	#N/A	1421447112	CAP AL 25V 470U M 10*16 TP5	C207	0110025477VM4
457	#N/A	1421447115	CAP AL 25V 470U M 10*12.5 TP5	C205	TVR1E471MA10160RC5
458	#N/A	1421447115	CAP AL 25V 470U M 10*12.5 TP5	C207	TVR1E471MA10160RC5
459	#N/A	1421510112	CAP AL 35V 100U M 8*12 TP5	C501	0110035107VM5
460	#N/A	1421510115	CAP AL 35V 100U M 6.3*11 TP5	C501	TVR1V101MA06110TC3
461	E-C-0404-4939	1421610012	CAP AL 50V 10U M 5*12 TP5	C304	0110050106VM5
462	E-C-0404-4939	1421610012	CAP AL 50V 10U M 5*12 TP5	C409	0110050106VM5
463	E-C-0404-4939	1421610012	CAP AL 50V 10U M 5*12 TP5	C428	0110050106VM5
464	E-C-0404-4939	1421610012	CAP AL 50V 10U M 5*12 TP5	C431	0110050106VM5
465	#N/A	1421610015	CAP AL 50V 10U M 5*11 TP5	C304	TVR1H100MA05110TC1
466	#N/A	1421610015	CAP AL 50V 10U M 5*11 TP5	C409	TVR1H100MA05110TC1
467	#N/A	1421610015	CAP AL 50V 10U M 5*11 TP5	C428	TVR1H100MA05110TC1
468	#N/A	1421610015	CAP AL 50V 10U M 5*11 TP5	C431	TVR1H100MA05110TC1
469	E-C-0404-4940	1421610812	CAP AL 50V 1U M 5*12 TP5	C449	0110050105VM5
470	#N/A	1421610815	CAP AL 50V 1U M 5*11 TP5	C449	TVR1H1R0MA05110TC1
471	E-C-0404-4941	1421622012	CAP AL 50V 22U M 5*11 TP5	C432	TVX1H220MA05110TC1
472	E-C-0404-4941	1421622012	CAP AL 50V 22U M 5*12 TP5	C114	0110050226VM4
473	E-C-0404-4941	1421622012	CAP AL 50V 22U M 5*12 TP5	C432	0110050226VM4

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal #
474	#N/A	1421622015	CAP AL 50V 22U M 5*11 TP5	C114	TVR1H220MA05110TC1
475	#N/A	1421622015	CAP AL 50V 22U M 5*11 TP5	C432	TVR1H220MA05110TC1
476	E-C-0404-4942	1421622812	CAP AL 50V 2.2U M 5*12 TP5	C108	0110050225VM5
477	E-C-0404-4942	1421622812	CAP AL 50V 2.2U M 5*12 TP5	C113	0110050225VM5
478	#N/A	1421622815	CAP AL 50V 2.2U M 5*11 TP5	C108	TVR1H2R2MA05110TC1
479	#N/A	1421622815	CAP AL 50V 2.2U M 5*11 TP5	C113	TVR1H2R2MA05110TC1
480	E-C-0404-4943	1421647812	CAP AL 50V 4.7U M 5*12 TP5	C301	0110050475VM5
481	E-C-0404-4943	1421647812	CAP AL 50V 4.7U M 5*12 TP5	C303	0110050475VM5
482	#N/A	1421647815	CAP AL 50V 4.7U M 5*11 TP5	C301	TVR1H4R7MA05110TC1
483	#N/A	1421647815	CAP AL 50V 4.7U M 5*11 TP5	C303	TVR1H4R7MA05110TC1
484	#N/A	1422210812	CAP AL 100V 1U M 5*11 TP5	C437	TVX2A1R0MA05110TC1
485	#N/A	1422210812	CAP AL 100V 1U M 5*12 TP5	C437	0110100105VM5
486	#N/A	1422210815	CAP AL 100V 1U M 5*11 TP5	C437	TVR2A1R0MA05110TC1
487	#N/A	1422210815	CAP AL 100V 1U M 5*11 TP5	C621	TVR2A1R0MA05110TC1
488	#N/A	1422210815	CAP AL 100V 1U M 5*11 TP5	C622	TVR2A1R0MA05110TC1
489	#N/A	1422210815	CAP AL 100V 1U M 5*11 TP5	C623	TVR2A1R0MA05110TC1
490	#N/A	1422222912	CAP AL 100V .22U M 5*11 TP5	C628	TVX2AR22MA05110TC1
491	#N/A	1422222912	CAP AL 100V .22U M 5*11 TP5	C629	TVX2AR22MA05110TC1
492	#N/A	1422222912	CAP AL 100V .22U M 5*11 TP5	C630	TVX2AR22MA05110TC1
493	E-C-0404-4118	1422247012	CAP AL 100V 47U M 10*16 TP5	C216	TVX2A470MA10160RC5
494	#N/A	1422447812	CAP AL 160V 4.7U M 8*11 TP5	C613	TVX2C4R7MA0811MTC3
495	#N/A	1422447812	CAP AL 160V 4.7U M 8*11 TP5	C620	TVX2C4R7MA0811MTC3
496	E-C-0404-3675	1423210012	CAP AL 250V 10U M 10*20 TP5	C425	TVX2E100MA10200RC5
497	E-C-0404-3675	1423210012	CAP AL 250V 10U M 10*20 TP5	C425	0110250106VM5
498	#N/A	1441622814	CAP AL 50V 2.2U M 5*11 TP5	C406	TVT1H2R2MA05110TC1
499	#N/A	1441622814	CAP AL 50V 2.2U M 5*11 TP5	C406	0081050225VM5
500	#N/A	1442047113	CAP AL 63V 470U M 12.5*25	C202	TVT1J471MA12250CK3
501	#N/A	1442410121	CAP AL 160V 100U M 12.5*25	C201	160YXA100MCE12.5*2
502	#N/A	1442422014	CAP AL 160V 22U M 10*20 TP5	C631	TVT2C220MA10200RC3
503	#N/A	1443047914	CAP AL 200V .47U M 6.3*11 TP5	C447	TVT2DR47MA06110TC3
504	#N/A	1443047914	CAP AL 200V .47U M 6.3*12 TP5	C447	0081200474VM5
505	E-C-0404-4099	1464022104	CAP AL 400V 220U M 25*40	C101	HP32G221MCY
506	E-C-0404-4099	1464022104	CAP AL 400V 220U M 25*40	C101	SMH400VSSN220M25D
507	E-C-0404-4099	1464022104	CAP AL 400V 220U M 25*35	C101	400USR220MST25*35
508	#N/A	1604314200	CAP X MP PC 275VAC .33U M P15	CX102	KNB1560-0.33UFKL25
509	E-C-0404-4687	1604314218	CAP X PP PC 275VAC .33U K P15	CX102	KNB1530-0.33UFML25
510	E-C-0404-4920	1604314224	CAP X MP PC 275VAC .33U K P15	CX102	MKP-334K0275AB1151
511	E-C-0404-3866	1651120C01	CAP MM DP 250V .1U J KI10	C507	MEF-104J0250DB2102
512	E-C-0404-3866	1651120C04	CAP MM DP 250V .1U J KI10	C507	CF93MM2E104J
513	E-C-0404-3866	1651120C26	CAP MM DP 250V .1U J KI10	C507	DMPE104J2EB
514	E-C-0404-3688	1691151503	CAP MM PC 63V .47U J TP5	C511	BF024D0474JDC
515	E-C-0404-3688	1691151510	CAP MM PC 63V .47U J TP5	C511	R82DC3470DQXXJ
516	E-C-0404-3688	1691151521	CAP MM PC 63V .47U J TP5	C511	B32529-C474-J189
517	E-C-0404-4699	1691180C01	CAP MM DP 63V 2.2U J KI10	C420	MEF-225J0063DB4102
518	#N/A	1751091C06	CAP MP DP 250V .033U J KI10	C427	7U2E333J-CCC(PMS)
519	E-C-0404-3689	1751111C06	CAP MP DP 250V .068U J KI10	C407	7U2E683J-CCC(PMS)
520	E-C-0404-3689	1751111C15	CAP MP DP 250V .068U J KI10	C407	DHSM(204)250VDC683
521	E-C-0404-4679	1751141C06	CAP MP DP 250V .33U J KI10	C413	7U2E334J-ACC(PMS)
522	E-C-0404-4679	1751141C15	CAP MP DP 250V .33U J KI10	C413	DHSM(204)250VDC334
523	#N/A	1751171F06	CAP MP DP 250V 1U J KI20	C204	7U2E105J-ACC(PMS)
524	E-C-0404-4311	1751221C06	CAP MP DP 250V .15U J KI10	C414	7U2E154J-CCG(PMS)
525	E-C-0404-4311	1751221C15	CAP MP DP 250V .15U J KI10	C414	DHSM(204)250VDC154
526	E-C-0404-2478	1751441C06	CAP MP DP 250V .12U J KI10	C415	7U2E124J-ACC(PMS)
527	E-C-0404-2478	1751441C15	CAP MP DP 250V .12U J KI10	C415	DHSM(204)250VDC124
528	E-C-0404-2478	1751441C26	CAP MP DP 250V .12U J KI10	C415	MPA124J2EB
529	E-C-0404-4680	1751921C15	CAP MP DP 250V .91U J KI10	C417	DHSM(204)250VDC914
530	E-C-0404-4681	1751921D06	CAP MP DP 250V .91U J KI15	C417	7U2E914J-ACE(PMS)
531	E-C-0404-4436	1751921D26	CAP MP DP 250V .91U J KI15	C417	MPA914J2EC
532	#N/A	17D177AD06	CAP MP DP 1.5KVH 4.3KP J KI15	C401	4U6T432J-ACE(PHS)
533	#N/A	17D177AD06	CAP MP DP 1.5KVH 4.3KP J KI15	C416	4U6T432J-ACE(PHS)
534	E-C-0404-3769	1950102101	CAP MY DP I 50V 4.7KP J TP5	C436	PEI-472J0050DT2058
535	E-C-0404-3769	1950102104	CAP MY DP I 50V 4.7KP J TP5	C436	C2YEC1H472J
536	E-C-0404-3769	1950102126	CAP MY DP I 50V 4.7KP J TP5	C436	PEI472J1HT
537	E-C-0404-3690	1950104101	CAP MY DP I 50V 6.8KP J TP5	C112	PEI-682J0050DT2058
538	E-C-0404-3690	1950104101	CAP MY DP I 50V 6.8KP J TP5	C514	PEI-682J0050DT2058
539	E-C-0404-3690	1950104104	CAP MY DP I 50V 6.8KP J TP5	C112	C2YEC1H682J
540	E-C-0404-3690	1950104104	CAP MY DP I 50V 6.8KP J TP5	C514	C2YEC1H682J
541	E-C-0404-3690	1950104126	CAP MY DP I 50V 6.8KP J TP5	C112	PEI682J1HT

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal #
542	E-C-0404-3690	1950104126	CAP MY DP I 50V 6.8KP J TP5	C514	PEI682J1HT
543	E-C-0404-3691	1950106101	CAP MY DP I 50V .01U J TP5	C430	PEI-103J0050DT2058
544	E-C-0404-3691	1950106101	CAP MY DP I 50V .01U J TP5	C438	PEI-103J0050DT2058
545	E-C-0404-3691	1950106104	CAP MY DP I 50V .01U J TP5	C430	C2YEC1H103J
546	E-C-0404-3691	1950106104	CAP MY DP I 50V .01U J TP5	C438	C2YEC1H103J
547	E-C-0404-3691	1950106104	CAP MY DP I 50V .01U J TP5	C454	C2YEC1H103J
548	E-C-0404-3691	1950106126	CAP MY DP I 50V .01U J TP5	C430	PEI103J1HT
549	E-C-0404-3691	1950106126	CAP MY DP I 50V .01U J TP5	C438	PEI103J1HT
550	E-C-0404-3691	1950106126	CAP MY DP I 50V .01U J TP5	C454	PEI103J1HT
551	E-C-0404-3694	1950108101	CAP MY DP I 50V .022U J TP5	C110	PEI-223J0050DT2058
552	E-C-0404-3694	1950108104	CAP MY DP I 50V .022U J TP5	C110	C2YEC1H223J
553	#N/A	1950108126	CAP MY DP I 50V .022U J TP5	C110	PEI223J1HT
554	#N/A	1950110101	CAP MY DP I 50V .047U J TP5	C423	PEI-473J0050DT2058
555	#N/A	1950110104	CAP MY DP I 50V .047U J TP5	C423	C2YEC1H473J
556	E-C-0404-4700	1950110126	CAP MY DP I 50V .047U J TP5	C423	PEI473J1HT
557	E-C-0404-3695	1950113101	CAP MY DP I 50V .22U J TP5	C402	PEI-224J0050DT2058
558	E-C-0404-3695	1950113104	CAP MY DP I 50V .22U J TP5	C402	C2YEC1H224J
559	E-C-0404-3695	1950113126	CAP MY DP I 50V .22U J TP5	C402	PEI224J1HT
560	E-C-0404-4682	1950115001	CAP MY DP I 50V .47U J	C502	PEI-474J0050DB2054
561	E-C-0404-3697	1950122101	CAP MY DP I 50V .15U J TP5	C508	PEI-154J0050DT2058
562	E-C-0404-3697	1950122104	CAP MY DP I 50V .15U J TP5	C508	C2YEC1H154J
563	E-C-0404-3697	1950122126	CAP MY DP I 50V .15U J TP5	C508	PEI154J1HT
564	#N/A	1960212101	CAP MY DP I 100V .1U K TP5	C404	PEI-104K0100DT2058
565	#N/A	1960212104	CAP MY DP I 100V .1U K TP5	C404	CQT92M2A104K
566	E-C-0404-4701	1960212126	CAP MY DP I 100V .1U K TP5	C404	PEI104K2AT
567	#N/A	2001316100	DIO BRD 4A 600V .35(KBJ)	CR101	D3SB60-7000
568	#N/A	2010329200	DIO FRD 6A 1500V SOD113 160nS	D401	BY329X-1500S
569	#N/A	2013005705	DIO FRD 1A 200V DO-204AL(DO-41) 50nS	D207	UF4003-E3/73
570	#N/A	2013005903	DIO FRD 1A 400V DO-41 150nS	D620	RGP10GAMP
571	#N/A	2013005903	DIO FRD 1A 400V DO-41 150nS	D620	RGP10G-E3/73
572	#N/A	2013006103	DIO FRD 1A 600V DO-204AL(DO-41) 250nS	D409	RGP10J-E3/73
573	#N/A	2013006103	DIO FRD 1A 600V DO-204AL(DO-41) 250nS	D414	RGP10J-E3/73
574	#N/A	2013006103	DIO FRD 1A 600V DO-204AL(DO-41) 250nS	D415	RGP10J-E3/73
575	#N/A	2013006103	DIO FRD 1A 600V DO-204AL(DO-41) 250nS	D418	RGP10J-E3/73
576	#N/A	2013006103	DIO FRD 1A 600V DO-41 250nS	D414	PG106R T/B
577	#N/A	2013006103	DIO FRD 1A 600V DO-41 250nS	D415	PG106R T/B
578	#N/A	2013006103	DIO FRD 1A 600V DO-41 250nS	D418	PG106R T/B
579	#N/A	2013006104	DIO FRD 1A 600V DO-41 75nS	D420	UF4005-E3/73
580	#N/A	2013006104	DIO FRD 1A 600V DO-41 50nS	D420	UF106G T/B
581	#N/A	2013006200	DIO FRD 1A 800V DO-41 75nS	D108	UF4006-E3/73
582	#N/A	2013006200	DIO FRD 1A 800V DO-41 100nS	D108	UF108G T/B
583	#N/A	2013006301	DIO FRD 1A 1000V DO-41 75nS	D202	UF4007-E3/73
584	#N/A	2013110700	DIO FRD 2A 200V DO-204AC(DO-15) 50nS	D205	EGP20D-E3/73
585	#N/A	2013110700	DIO FRD 2A 200V DO-204AC(DO-15) 50nS	D206	EGP20D-E3/73
586	#N/A	2013110800	DIO FRD 2A 300V DO-204AC(DO-15) 50nS	D204	EGP20F-E3/73
587	#N/A	2013306300	DIO FRD 1A 1000V SOD57 75nS	D202	BYV26E,133
588	#N/A	2023002901	DIO SBD 1A 20V CASE59-04(DO-41)	D113	1N5817RL
589	#N/A	2023002901	DIO SBD 1A 20V CASE59-04(DO-41)	D211	1N5817RL
590	#N/A	2023002901	DIO SBD 1A 20V CASE59-04(DO-41)	D212	1N5817RL
591	#N/A	2023002901	DIO SBD 1A 20V CASE59-04(DO-41)	D404	1N5817RL
592	#N/A	2023002901	DIO SBD 1A 20V CASE59-04(DO-41)	D424	1N5817RL
593	#N/A	2023002901	DIO SBD 1A 20V DO-204AL	D113	1N5817-E3/73
594	#N/A	2023002901	DIO SBD 1A 20V DO-204AL	D211	1N5817-E3/73
595	#N/A	2023002901	DIO SBD 1A 20V DO-204AL	D212	1N5817-E3/73
596	#N/A	2023002901	DIO SBD 1A 20V DO-204AL	D404	1N5817-E3/73
597	#N/A	2023002901	DIO SBD 1A 20V DO-204AL	D424	1N5817-E3/73
598	#N/A	2033225313	DIO ZEN 0.5W 4.1-4.3V DO-35	ZD404	HZ4C2 TA-E
599	#N/A	2033225403	DIO ZEN 0.5W 4.9-5.1V DO-35	ZD403	HZ5C1 TA-E
600	#N/A	2033225403	DIO ZEN 0.5W 4.9-5.1V DO-35	ZD601	HZ5C1 TA-E
601	#N/A	2033225403	DIO ZEN 0.5W 4.9-5.1V DO-204AH(DO-35)	ZD403	GZ5C1 PKGD8
602	#N/A	2033225407	DIO ZEN 0.5W 5.1-5.3V DO-35	ZD202	HZ5C3 TA-E
603	#N/A	2033225505	DIO ZEN 0.5W 6.0-6.3V DO-35	ZD301	HZ6C2 TA-E
604	#N/A	2033225505	DIO ZEN 0.5W 6.0-6.3V DO-35	ZD302	HZ6C2 TA-E
605	#N/A	2033225505	DIO ZEN 0.5W 6.0-6.3V DO-35	ZD304	HZ6C2 TA-E
606	#N/A	2033225505	DIO ZEN 0.5W 6.0-6.3V DO-35	ZD306	HZ6C2 TA-E
607	#N/A	2033225601	DIO ZEN 0.5W 7.0-7.3V DO-35	ZD602	HZ7B3 TA-E
608	#N/A	2033225601	DIO ZEN 0.5W 7.0-7.3V DO-204AH(DO-35)	ZD602	GZ7B3 PKGD8
609	#N/A	2033225705	DIO ZEN 0.5W 8.5-8.9V DO-35	ZD402	HZ9B2 TA-E

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal #
610	#N/A	2033225706	DIO ZEN 0.5W 8.61-8.99V DO-35	ZD402	RD9.1E-T4-AZ(B2)
611	#N/A	2033225802	DIO ZEN 0.5W 8.9-9.3V DO-35	ZD303	HZ9C1 TA-E
612	#N/A	2033226106	DIO ZEN 0.5W 11.9-12.4V DO-35	ZD201	HZ12A2 TA-E
613	#N/A	2033226703	DIO ZEN 0.5W 17.5-18.3V DO-35	ZD101	HZ18-2 TA-E
614	#N/A	2033226703	DIO ZEN 0.5W 17.5-18.3V DO-35	ZD204	HZ18-2 TA-E
615	#N/A	2033226703	DIO ZEN 0.5W 17.5-18.3V DO-35	ZD401	HZ18-2 TA-E
616	#N/A	2033226703	DIO ZEN 0.5W 17.5-18.3V DO-204AH(DO-35)	ZD401	GZ18-2 PKGD8
617	#N/A	2033226902	DIO ZEN 0.5W 19.5-20.4V DO-35	ZD102	HZ20-2 TA-E
618	#N/A	2033227303	DIO ZEN 0.5W 23.6-24.7V DO-35	ZD405	HZ24-2 TA-E
619	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D109	1N4148,133
620	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D110	1N4148,133
621	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D114	1N4148,133
622	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D115	1N4148,133
623	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D201	1N4148,133
624	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D208	1N4148,133
625	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D209	1N4148,133
626	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D210	1N4148,133
627	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D301	1N4148,133
628	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D302	1N4148,133
629	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D402	1N4148,133
630	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D403	1N4148,133
631	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D405	1N4148,133
632	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D406	1N4148,133
633	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D407	1N4148,133
634	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D408	1N4148,133
635	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D410	1N4148,133
636	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D413	1N4148,133
637	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D417	1N4148,133
638	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D421	1N4148,133
639	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D428	1N4148,133
640	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D502	1N4148,133
641	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D503	1N4148,133
642	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D601	1N4148,133
643	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D602	1N4148,133
644	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D603	1N4148,133
645	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D604	1N4148,133
646	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D605	1N4148,133
647	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D606	1N4148,133
648	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D607	1N4148,133
649	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D608	1N4148,133
650	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D609	1N4148,133
651	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D613	1N4148,133
652	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D109	1N4148 TA-E
653	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D110	1N4148 TA-E
654	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D114	1N4148 TA-E
655	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D115	1N4148 TA-E
656	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D201	1N4148 TA-E
657	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D208	1N4148 TA-E
658	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D209	1N4148 TA-E
659	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D210	1N4148 TA-E
660	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D301	1N4148 TA-E
661	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D302	1N4148 TA-E
662	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D402	1N4148 TA-E
663	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D403	1N4148 TA-E
664	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D405	1N4148 TA-E
665	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D406	1N4148 TA-E
666	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D407	1N4148 TA-E
667	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D408	1N4148 TA-E
668	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D410	1N4148 TA-E
669	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D413	1N4148 TA-E
670	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D417	1N4148 TA-E
671	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D421	1N4148 TA-E
672	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D428	1N4148 TA-E
673	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D502	1N4148 TA-E
674	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D503	1N4148 TA-E
675	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D601	1N4148 TA-E
676	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D602	1N4148 TA-E
677	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D603	1N4148 TA-E

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal #
678	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D604	1N4148 TA-E
679	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D605	1N4148 TA-E
680	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D606	1N4148 TA-E
681	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D607	1N4148 TA-E
682	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D608	1N4148 TA-E
683	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D609	1N4148 TA-E
684	#N/A	2043207500	DIO SW 0.15A 75V DO-35	D613	1N4148 TA-E
685	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D109	1N4148TA
686	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D110	1N4148TA
687	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D114	1N4148TA
688	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D115	1N4148TA
689	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D201	1N4148TA
690	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D208	1N4148TA
691	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D209	1N4148TA
692	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D210	1N4148TA
693	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D301	1N4148TA
694	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D302	1N4148TA
695	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D402	1N4148TA
696	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D403	1N4148TA
697	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D405	1N4148TA
698	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D406	1N4148TA
699	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D407	1N4148TA
700	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D408	1N4148TA
701	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D410	1N4148TA
702	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D413	1N4148TA
703	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D417	1N4148TA
704	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D421	1N4148TA
705	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D428	1N4148TA
706	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D502	1N4148TA
707	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D503	1N4148TA
708	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D601	1N4148TA
709	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D602	1N4148TA
710	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D603	1N4148TA
711	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D604	1N4148TA
712	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D605	1N4148TA
713	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D606	1N4148TA
714	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D607	1N4148TA
715	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D608	1N4148TA
716	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D609	1N4148TA
717	#N/A	2043207500	DIO SW 0.2A 75V DO-35	D613	1N4148TA
718	#N/A	2043220002	DIO SW 0.25A 200V SOD-27(DO-35)	D111	BAV21,133
719	#N/A	2043220002	DIO SW 0.25A 200V SOD-27(DO-35)	D112	BAV21,133
720	#N/A	2043220002	DIO SW 0.25A 200V SOD-27(DO-35)	D411	BAV21,133
721	#N/A	2043220002	DIO SW 0.25A 200V SOD-27(DO-35)	D412	BAV21,133
722	#N/A	2043220002	DIO SW 0.25A 200V SOD-27(DO-35)	D416	BAV21,133
723	#N/A	2043220002	DIO SW 0.25A 200V SOD-27(DO-35)	D423	BAV21,133
724	#N/A	2043220002	DIO SW 0.25A 200V SOD-27(DO-35)	D610	BAV21,133
725	#N/A	2043220002	DIO SW 0.25A 200V SOD-27(DO-35)	D611	BAV21,133
726	#N/A	2043220002	DIO SW 0.25A 200V SOD-27(DO-35)	D612	BAV21,133
727	#N/A	2043225000	DIO SW 0.2A 250V DO-35	D610	1SS83 TA-E
728	#N/A	2043225000	DIO SW 0.2A 250V DO-35	D611	1SS83 TA-E
729	#N/A	2043225000	DIO SW 0.2A 250V DO-35	D612	1SS83 TA-E
730	#N/A	2053005500	DIO SI 1A 100V DO-41	D501	1N4002RL
731	#N/A	2053005500	DIO SI 1A 100V DO-204AL(DO-41)	D501	1N4002-E3/73
732	#N/A	2053105500	DIO SI 1A 100V DO-15	D501	1N4002AMP
733	#N/A	2053506103	DIO SI 1A 600V RG4	D203	RG 4A
734	#N/A	2053506103	DIO SI 1A 600V RG4	D214	RG 4A
735	#N/A	2053506103	DIO SI 1A 600V RG4	D419	RG 4A
736	#N/A	2053506103	DIO SI 1A 600V RG4	D422	RG 4A
737	#N/A	2100040500	TR 100V 5A TO-220 1000 NPN*2	Q409	TIP122G
738	#N/A	2100040500	TR 100V 5A TO-220 1000 NPN*2	Q409	TIP122
739	E-Q-0402-1452	210057920017	TR 750V 12A TO-3PF 10	Q401	FJAF6812TU
740	#N/A	2101015001	TR 30V 0.1A TO-92 160-320	Q212	2SC458CTZ
741	#N/A	2101025000	TR 50V 0.5A TO-92 100-200	Q211	2SC1213ACTZ-E
742	#N/A	2101025002	TR 50V 0.15A TO-92 200-400	Q104	KSC1815GRTA
743	#N/A	2101025002	TR 50V 0.15A TO-92 200-400	Q201	KSC1815GRTA
744	#N/A	2101025002	TR 50V 0.15A TO-92 200-400	Q204	KSC1815GRTA
745	#N/A	2101025002	TR 50V 0.15A TO-92 200-400	Q207	KSC1815GRTA

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal #
746	#N/A	2101025002	TR 50V 0.15A TO-92 200-400	Q403	KSC1815GRTA
747	#N/A	2101025002	TR 50V 0.15A TO-92 200-400	Q405	KSC1815GRTA
748	#N/A	2101025002	TR 50V 0.15A TO-92 200-400	Q407	KSC1815GRTA
749	#N/A	2101025002	TR 50V 0.15A TO-92 200-400	Q408	KSC1815GRTA
750	#N/A	2101025002	TR 50V 0.15A TO-92 200-400	Q410	KSC1815GRTA
751	#N/A	2101025002	TR 50V 0.15A TO-92 200-400	Q413	KSC1815GRTA
752	#N/A	2101025002	TR 50V 0.15A TO-92 200-400	Q415	KSC1815GRTA
753	#N/A	2101025002	TR 50V 0.15A TO-92 200-400	Q417	KSC1815GRTA
754	#N/A	2101025002	TR 50V 0.15A TO-92 200-400	Q421	KSC1815GRTA
755	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q104	2SC1815-Y(TPE2,F)
756	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q201	2SC1815-Y(TPE2,F)
757	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q204	2SC1815-Y(TPE2,F)
758	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q207	2SC1815-Y(TPE2,F)
759	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q403	2SC1815-Y(TPE2,F)
760	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q405	2SC1815-Y(TPE2,F)
761	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q407	2SC1815-Y(TPE2,F)
762	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q408	2SC1815-Y(TPE2,F)
763	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q410	2SC1815-Y(TPE2,F)
764	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q413	2SC1815-Y(TPE2,F)
765	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q415	2SC1815-Y(TPE2,F)
766	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q417	2SC1815-Y(TPE2,F)
767	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q421	2SC1815-Y(TPE2,F)
768	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q104	2SC1815-Y
769	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q201	2SC1815-Y
770	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q204	2SC1815-Y
771	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q207	2SC1815-Y
772	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q405	2SC1815-Y
773	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q407	2SC1815-Y
774	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q408	2SC1815-Y
775	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q410	2SC1815-Y
776	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q413	2SC1815-Y
777	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q417	2SC1815-Y
778	#N/A	2101025003	TR 50V 0.15A TO-92 120-240	Q421	2SC1815-Y
779	#N/A	2101057000	TR 250V 0.5A TO-92 50	Q501	BF422ZL1G
780	#N/A	2101057000	TR 250V 0.05A TO-92 50	Q501	BF422(TPE2,F)
781	#N/A	2101063000	TR 350V 0.5A TO-92 30	Q102	2N6517RLRP
782	#N/A	2101063000	TR 350V 0.5A TO-92 30-200	Q102	2N6517TA
783	#N/A	2102310100	TR 20V 1A TO-92MOD 120-240	Q206	2SD468CTZ-E
784	#N/A	2102325202	TR 50V 2A 2-5J1A(TO-92MOD) 120-240	Q210	2SC2655-Y(TPE6,F)
785	#N/A	2102335100	TR 80V 1A TO-92MOD 100-200	Q402	2SD667CTZ-E
786	#N/A	2102340100	TR 100V 1A TO-92MOD 60-200	Q402	2SD667ATZ-E
787	#N/A	2111015001	TR -30V -0.5A TO-92 120-240	Q213	2SA562TM-Y(TPE2,F)
788	#N/A	2111015001	TR -30V -0.5A TO-92 120-240	Q213	2SA562-Y
789	#N/A	2111025001	TR -50V -0.15A TO-92 200-240	Q205	KSA1015GRTA
790	#N/A	2111025001	TR -50V -0.15A TO-92 200-240	Q411	KSA1015GRTA
791	#N/A	2111025001	TR -50V -0.15A TO-92 200-240	Q412	KSA1015GRTA
792	#N/A	2111025001	TR -50V -0.15A TO-92 200-240	Q418	KSA1015GRTA
793	#N/A	2111025001	TR -50V -0.15A TO-92 200-240	Q422	KSA1015GRTA
794	#N/A	2111025001	TR -50V -0.15A TO-92 200-240	Q426	KSA1015GRTA
795	#N/A	2111025002	TR -50V -0.15A 2-5F1B 120-240	Q205	2SA1015-Y(TEP2,F)
796	#N/A	2111025002	TR -50V -0.15A 2-5F1B 120-240	Q406	2SA1015-Y(TEP2,F)
797	#N/A	2111025002	TR -50V -0.15A 2-5F1B 120-240	Q411	2SA1015-Y(TEP2,F)
798	#N/A	2111025002	TR -50V -0.15A 2-5F1B 120-240	Q412	2SA1015-Y(TEP2,F)
799	#N/A	2111025002	TR -50V -0.15A 2-5F1B 120-240	Q418	2SA1015-Y(TEP2,F)
800	#N/A	2111025002	TR -50V -0.15A 2-5F1B 120-240	Q422	2SA1015-Y(TEP2,F)
801	#N/A	2111025002	TR -50V -0.15A 2-5F1B 120-240	Q424	2SA1015-Y(TEP2,F)
802	#N/A	2111025002	TR -50V -0.15A 2-5F1B 120-240	Q426	2SA1015-Y(TEP2,F)
803	#N/A	2111057000	TR -250V -0.05A 2-5F1B 50	Q419	BF423(TPE2,F)
804	#N/A	2111057000	TR -250V -0.05A 2-5F1B 50	Q420	BF423(TPE2,F)
805	#N/A	2111060001	TR -300V -0.05A TO-92 40	Q404	BF421(TPE2,F)
806	#N/A	2111620300	TR -40V -3A 2-8H1A 120-240	Q203	2SA1359-Y(Q)
807	#N/A	2111620300	TR -40V -3A 2-8H1A 120-240	Q208	2SA1359-Y(Q)
808	E-D-0403-1199	2300062706	LED 5mm ORG/GRN 3PIN	LED301	EL339-1EGW
809	#N/A	2300062778	LED ORG/GRN 5mm 3PIN C.C.	LED301	GP31052MK-ZO
810	#N/A	2420063500	FET 250V 8.1A 0.45ohm TO-220AB	Q414	IRF634PBF
811	#N/A	2420063500	FET 250V 8.1A 0.45ohm TO-220AB	Q416	IRF634PBF
812	#N/A	2420063500	FET 250V 8.1A 0.45ohm TO-220AB	Q425	IRF634PBF
813	#N/A	2420063500	FET 250V 8.1A 0.45ohm TO-220	Q414	IRF634A

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal #
814	#N/A	2420063500	FET 250V 8.1A 0.45ohm TO-220	Q416	IRF634A
815	#N/A	2420063500	FET 250V 8.1A 0.45ohm TO-220	Q425	IRF634A
816	#N/A	2420063503	FET 250V 8.1A 0.45OHM TO-220	Q414	IRF634B
817	#N/A	2420063503	FET 250V 8.1A 0.45OHM TO-220	Q416	IRF634B
818	#N/A	2420063503	FET 250V 8.1A 0.45OHM TO-220	Q425	IRF634B
819	E-Q-0402-7025	242008060208	FET 800V 11A 0.9ohm TO-220	Q101	STP10NK80Z
820	#N/A	2420163505	FET 250V 8.1A 0.45ohm TO-220F	Q202	IRFS634B
821	#N/A	2420163505	FET 250V 8.1A 0.45ohm TO-220F	Q414	IRFS634B
822	#N/A	2420163505	FET 250V 8.1A 0.45ohm TO-220F	Q416	IRFS634B
823	#N/A	2420163505	FET 250V 8.1A 0.45ohm TO-220F	Q425	IRFS634B
824	E-IC-0401-2392	2500165011	IC 80V TRIPLE BIAS CLAMP 8PIN	IC603	LM2480
825	E-IC-0401-0985	2510005310	IC PWM 8PIN	IC101	E-UC3843BN
826	E-IC-0401-2730	2530026104	IC VERT DEFLECTION SIP-10P	IC501	KA2142
827	E-00000870	2530142206	IC DEFLECTION PROCESSOR SDIP-32P	IC401	STV9118
828	E-00001220	2530159204	IC MONO 3-CH 7nS CRT DRIVER TO220-9P	IC602	LM2470TA
829	E-IC-0401-2947	2530209026	IC MASK OSD CONTROLLER SKINNY-28P	IC601	NT6813K/28-30001
830	E-IC-0401-2734	2610031218	IC 8BIT uP 60K FLASH MEMORY SDIP-42P	IC301	NT68F63U
831	E-00001215	2610185842	IC EEPROM 1024*8 PDIP-8PIN	IC302	M24C08-WBN6P
832	E-T-0408-0323	2800421400	TRANSFORMER EE19 19MH +/-10%	T402	19A-9008
833	#N/A	2831028200	BOBBIN+WIRE ASSY FOR 19A-9008		
834	M-MS-0808-5087	3167921200	BOBBIN & LUG*5 ASSY		
835	M-MS-0808-7460	3220311724	TAPE W=10.5 CT-280 YAHUA		CT-280 W=10.5
836	#N/A	4010400200	WIRE CU 0.2 2UEW NAT		
837	#N/A	4010560200	WIRE CU 0.4 2UEW NAT		
838	M-WR-0828-0399	4010570000	WIRE CU 0.4 2UEWN NAT MW-28		
839	M-WR-0828-0404	4011170000	WIRE CU .2 2UEWN NAT MW-28		0.2 2UEWN NAT MW-2
840	#N/A	4090050100	SOLDER BAR SN96.5/AG3.0/CU0.5		SAC305 SOLDER BAR
841	#N/A	3220310624	TAPE W=5 CT-280 YAHUA		CT-280 W=5
842	M-MS-0808-5144	4020114600	VARNISH V-1630FS VIKING CLEAR		V-1630FS
843	M-MS-0808-5145	4020116500	EPOXY G757		
844	M-MS-0808-5146	4020117500	EPOXY 2089-1 A		2089-1 A
845	M-MS-0808-5147	4020117600	EPOXY 2089-1 B		2089-1 B
846	M-MS-0808-5152	4020205500	THINNER OF V-1380		
847	M-MS-0808-5153	4020208200	FLUX ROSIN 800 NO CLEAN		800 NO CLEAN
848	M-MS-0808-5165	4020500500	INK BLACK		
849	M-MS-0808-5166	4020604000	VARNISH V-1380FC VIKING		V-1380FC
850	#N/A	4090050100	SOLDER BAR SN96.5/AG3.0/CU0.5		SAC305 SOLDER BAR
851	E-L-0407-1125	4120503600	CORE FERI EE19 2F8 U2200		EE19 2F8
852	E-L-0407-1127	4120504700	CORE FERI EE19 TP3 UI=2500		EE19 TP3
853	E-L-0407-1128	4120505000	CORE FERI EE19 PM7 UI=2400		EE1916 PM7
854	#N/A	4120506000	CORE FERI EE19A PG232 U2300		FH-PG232-EE19A
855	E-00001223	2801431200	TRANSFORMER SMT 250UH K	T101	SMT-35RV-384T
856	#N/A	3166006000	BOBBIN & LUG*12 L1=4.0+/-0.5		
857	M-MS-0808-5250	3220130400	TAPE W=9 #1350F-1 3M		#1350F-1 W=9
858	#N/A	3220145010	TAPE W=26.5 #1350F-1 3M		#1350F-1 W=26.5
859	M-MS-0808-7466	3220311424	TAPE W=9 CT-280 YAHUA		CT-280 W=9
860	#N/A	3220316924	TAPE W=26.5 CT-280 YAHUA		CT-280 W=26.5
861	#N/A	3221220400	TAPE W=3 2L #44 3M		#44 W=3 2L
862	#N/A	3221220900	TAPE W=6 2L #44 3M		#44 W=6 2L
863	#N/A	3221230400	TAPE W=3 2L #40 TENRICH		#40 W=3 2L
864	#N/A	3221230600	TAPE W=6 2L #40 TENRICH		#40 W=6 2L
865	#N/A	4010460000	WIRE CU 0.25 2UEW NAT		
866	M-WR-0828-0426	4010580000	WIRE CU 0.45 2UEW NAT		0.45# 2UEW NAT
867	M-WR-0828-0416	4010590000	WIRE CU 0.45 2UEWN NAT MW-28		
868	M-WR-0828-0428	4011160100	WIRE CU .25 2UEWN NAT MW-28		
869	#N/A	4011550000	WIRE CU 0.35 2UEWN NATURE		0.35# 2UEWN NAT
870	#N/A	4011550400	WIRE CU 0.35 2UEW NAT MW-75		
871	M-MS-0808-5144	4020114600	VARNISH V-1630FS VIKING CLEAR		V-1630FS
872	M-MS-0808-5145	4020116500	EPOXY G757		
873	M-MS-0808-5146	4020117500	EPOXY 2089-1 A		2089-1 A
874	M-MS-0808-5147	4020117600	EPOXY 2089-1 B		2089-1 B
875	M-MS-0808-5352	4020200300	SOLVENT XYLENE		
876	M-MS-0808-5153	4020208200	FLUX ROSIN 800 NO CLEAN		800 NO CLEAN
877	M-MS-0808-5154	4020208300	THINNER OF ROSIN 800 ADDITIV		800 ADDITIVE
878	M-MS-0808-5165	4020500500	INK BLACK		
879	#N/A	4090050100	SOLDER BAR SN96.5/AG3.0/CU0.5		SAC305 SOLDER BAR
880	#N/A	4131101500	CORE FERI EER35L TP4		EER35L TP4
881	#N/A	4131105800	CORE FERI EER3542 JPP4 UI=2300		EER35/42 JPP4

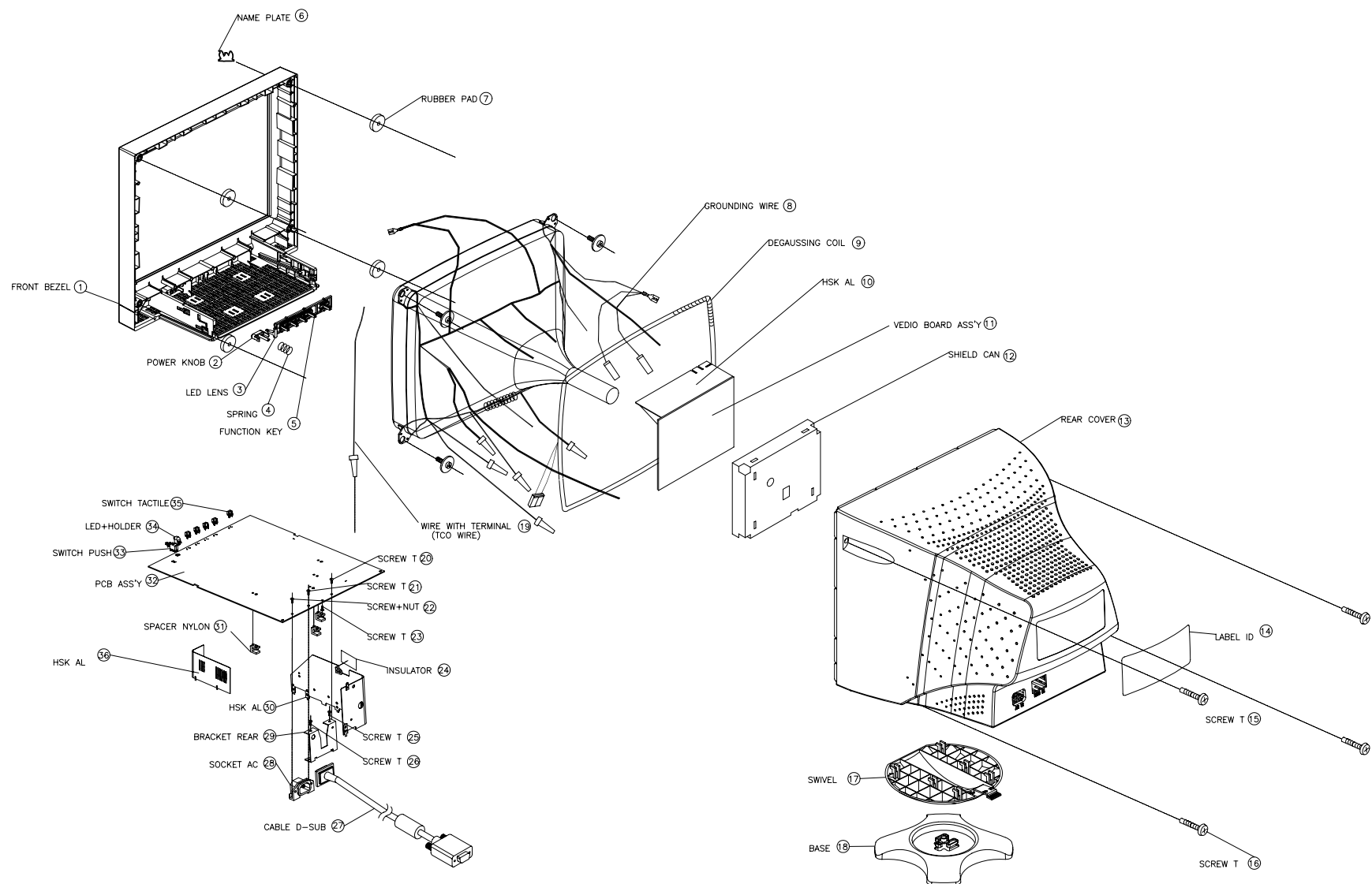
Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal #
882	#N/A	2802916300	TRANSFORMER DT 1.15MH MIN	T403	DT-19EV-168T
883	#N/A	3198060200	BOBBIN & LUG*5 ASSY L1=4.5+/-0.5		
884	M-MS-0808-5389	3220130300	TAPE W=7 #1350F-1 3M		#1350F-1 W=7
885	M-MS-0808-5250	3220130400	TAPE W=9 #1350F-1 3M		#1350F-1 W=9
886	#N/A	3220311024	TAPE W=7 CT-280 YAHUA		CT-280 W=7
887	M-MS-0808-7466	3220311424	TAPE W=9 CT-280 YAHUA		CT-280 W=9
888	#N/A	4010400200	WIRE CU 0.2 2UEW NAT		
889	M-WR-0828-0404	4011170000	WIRE CU .2 2UEWN NAT MW-28		0.2 2UEWN NAT MW-2
890	M-MS-0808-5144	4020114600	VARNISH V-1630FS VIKING CLEAR		V-1630FS
891	M-MS-0808-5145	4020116500	EPOXY G757		
892	M-MS-0808-5146	4020117500	EPOXY 2089-1 A		2089-1 A
893	M-MS-0808-5147	4020117600	EPOXY 2089-1 B		2089-1 B
894	M-MS-0808-5352	4020200300	SOLVENT XYLENE		
895	M-MS-0808-5153	4020208200	FLUX ROSIN 800 NO CLEAN		800 NO CLEAN
896	M-MS-0808-5154	4020208300	THINNER OF ROSIN 800 ADDITIV		800 ADDITIVE
897	M-MS-0808-5165	4020500500	INK BLACK		
898	#N/A	4090050100	SOLDER BAR SN96.5/AG3.0/CU0.5		SAC305 SOLDER BAR
899	E-L-0407-1126	4120503700	CORE FERI EE19 NC-2H		NC-2H FEE-19/16/5
900	E-L-0407-1127	4120504700	CORE FERI EE19 TP3 UI=2500		EE19 TP3
901	#N/A	4120505200	CORE FERI EE19 MZ4 UI=2400		EE19 MZ4
902	E-L-0407-1183	2816300400	INDUCTOR CD 14.5UH K	L206	CD-6.0-04
903	#N/A	2816334710	INDUCTOR CD 65uH +/-10% 5.5A	L201	E-10718D
904	#N/A	2816341410	INDUCTOR CD 110UH K 3.5A	L405	E-10209
905	#N/A	2816366010	INDUCTOR LINEAR 3.3UH +/-15% 3.5A	L404	E-10681
906	#N/A	2816383210	INDUCTOR CD 29UH +/-15%	L403	E-10682
907	E-L-0407-0710	2816800210	INDUCTOR CD 3.9MH K	L402	E-4840A
908	E-L-0407-1576	2816800282	INDUCTOR CD 3.9MH K	L402	LG392
909	E-L-0407-0809	2817202100	LINE FILTER 18MH MIN	FL101	LFZ2805V06
910	#N/A	2836021300	3131580000+4157010900 ASSY		
911	M-MS-0808-5243	3131580000	BOBBIN ROLL PBT 94V-0		
912	E-L-0407-1161	4157010900	CORE FERI SP28*28 CV-8		FOE2828 CV8
913	#N/A	2836021400	3131580000+4157011000 ASSY		
914	M-MS-0808-5243	3131580000	BOBBIN ROLL PBT 94V-0		
915	E-L-0407-1181	4157011000	CORE FERI SP28*28 A07 UI=7000		A07 ET-28
916	#N/A	2836021900	3131580000+4157012300 ASSY		
917	M-MS-0808-5243	3131580000	BOBBIN ROLL PBT 94V-0		
918	#N/A	4157012300	CORE FERI SP28 TL7 UI=7000		
919	M-MS-0808-5246	3170800100	BASE&LUG 2,3,6,7 L=4		
920	M-WR-0828-0400	4010600100	WIRE CU 0.5 2UEW NAT		
921	M-MS-0808-5145	4020116500	EPOXY G757		
922	M-MS-0808-5148	4020121100	EPOXY ADHESIVE HOT-MELT A-208		A-208
923	M-MS-0808-5153	4020208200	FLUX ROSIN 800 NO CLEAN		800 NO CLEAN
924	M-MS-0808-5165	4020500500	INK BLACK		
925	#N/A	4090050100	SOLDER BAR SN96.5/AG3.0/CU0.5		SAC305 SOLDER BAR
926	E-L-0407-0972	2817206700	LINE FILTER 7.8mH MIN	FL102	LFZ24V08
927	#N/A	2836022000	3132010300+4157030100 ASSY		
928	M-MS-0808-5085	3132010300	BOBBIN PBT 94V-0		
929	E-L-0407-1132	4157030100	CORE FERI SP24*24 MA070 U7000		MA070 ET-24A
930	#N/A	2836022100	3132010300+4157030200 ASSY		
931	M-MS-0808-5085	3132010300	BOBBIN PBT 94V-0		
932	#N/A	4157030200	CORE FERI SP24*24 A07 U7000		A07 ET-24
933	#N/A	2836022300	3132010300+4157030500 ASSY		
934	M-MS-0808-5085	3132010300	BOBBIN PBT 94V-0		
935	E-L-0407-1134	4157030500	CORE FERI SP2424 NC-7 Ui=7000		SP2424 NC-7
936	#N/A	2836036000	3132010300+4157031400 ASS'Y		
937	M-MS-0808-5085	3132010300	BOBBIN PBT 94V-0		
938	E-L-0407-1444	4157031400	CORE FERI SP24 TL7 UI=7000		ET24 TL7
939	#N/A	2836046100	3132010300+4157031500 ASS'Y		
940	M-MS-0808-5085	3132010300	BOBBIN PBT 94V-0		
941	E-L-0407-1445	4157031500	CORE FERI SP24 JFH2		SP24 JFH2
942	M-MS-0808-7009	3171046500	BASE & LUG*4 L1=3.5+/-0.3		
943	M-WR-0828-0400	4010600100	WIRE CU 0.5 2UEW NAT		
944	M-MS-0808-5145	4020116500	EPOXY G757		
945	M-MS-0808-5148	4020121100	EPOXY ADHESIVE HOT-MELT A-208		A-208
946	M-MS-0808-5151	4020204800	FLUX A83 ALPHA		A83
947	M-MS-0808-5153	4020208200	FLUX ROSIN 800 NO CLEAN		800 NO CLEAN
948	M-MS-0808-5165	4020500500	INK BLACK		
949	#N/A	4090050100	SOLDER BAR SN96.5/AG3.0/CU0.5		SAC305 SOLDER BAR

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal #
950	E-00001222	2850011310	FBT 19" 96KHZ 1.28mH	T401	CF2183DE2705
951	E-L-0407-0494	2921020100	CORE BEAD 3.5*6*1.0 T/R	JW101	C8B RH3.5*6*1.0 T/
952	E-L-0407-0494	2921020100	CORE BEAD 3.5*6*1.0 T/R	L101	C8B RH3.5*6*1.0 T/
953	E-L-0407-0494	2921020100	CORE BEAD 3.5*6*1.0 T/R	L103	C8B RH3.5*6*1.0 T/
954	E-L-0407-0494	2921020100	CORE BEAD 3.5*6*1.0 T/R	L104	C8B RH3.5*6*1.0 T/
955	E-L-0407-0494	2921020100	CORE BEAD 3.5*6*1.0 T/R	L105	C8B RH3.5*6*1.0 T/
956	E-L-0407-0494	2921020100	CORE BEAD 3.5*6*1.0 T/R	L203	C8B RH3.5*6*1.0 T/
957	E-L-0407-0494	2921020100	CORE BEAD 3.5*6*1.0 T/R	L204	C8B RH3.5*6*1.0 T/
958	E-L-0407-0494	2921020100	CORE BEAD 3.5*6*1.0 T/R	L207	C8B RH3.5*6*1.0 T/
959	E-L-0407-0494	2921020100	CORE BEAD 3.5*6*1.0 T/R	L409	C8B RH3.5*6*1.0 T/
960	E-L-0407-0494	2921020100	CORE BEAD 3.5*6*1.0 T/R	L605	C8B RH3.5*6*1.0 T/
961	E-L-0407-0494	2921020100	CORE BEAD 3.5*6*1.0 T/R	L615	C8B RH3.5*6*1.0 T/
962	E-L-0407-0494	2921020100	CORE BEAD 3.5*6*1.0 T/R	L616	C8B RH3.5*6*1.0 T/
963	E-L-0407-1572	2921020182	CORE BEAD 3.5*1.2*6 T/R	L103	LB3.5*6
964	E-L-0407-1572	2921020182	CORE BEAD 3.5*1.2*6 T/R	L104	LB3.5*6
965	E-L-0407-1572	2921020182	CORE BEAD 3.5*1.2*6 T/R	L105	LB3.5*6
966	E-L-0407-1572	2921020182	CORE BEAD 3.5*1.2*6 T/R	L203	LB3.5*6
967	E-L-0407-1572	2921020182	CORE BEAD 3.5*1.2*6 T/R	L204	LB3.5*6
968	E-L-0407-1427	2921050700	CORE BEAD 2.5*3*1.0 W5 T/R	L202	W5 RH2.5*3*1.0 T/R
969	E-L-0407-1427	2921050700	CORE BEAD 2.5*3*1.0 W5 T/R	L406	W5 RH2.5*3*1.0 T/R
970	E-L-0407-1427	2921050700	CORE BEAD 2.5*3*1.0 W5 T/R	L602	W5 RH2.5*3*1.0 T/R
971	E-L-0407-1427	2921050700	CORE BEAD 2.5*3*1.0 W5 T/R	L603	W5 RH2.5*3*1.0 T/R
972	E-L-0407-1427	2921050700	CORE BEAD 2.5*3*1.0 W5 T/R	L604	W5 RH2.5*3*1.0 T/R
973	E-L-0407-1427	2921050700	CORE BEAD 2.5*3*1.0 W5 T/R	L612	W5 RH2.5*3*1.0 T/R
974	E-L-0407-1427	2921050700	CORE BEAD 2.5*3*1.0 W5 T/R	L613	W5 RH2.5*3*1.0 T/R
975	E-L-0407-1427	2921050700	CORE BEAD 2.5*3*1.0 W5 T/R	L614	W5 RH2.5*3*1.0 T/R
976	E-L-0407-1602	2921050782	CORE BEAD 2.5*3*1.0 W5 T/R	L202	LB2.5*3
977	E-L-0407-1602	2921050782	CORE BEAD 2.5*3*1.0 W5 T/R	L406	LB2.5*3
978	E-L-0407-1015	2922040006	COIL PEAKING 2.2uH K TP AXIAL 0307	L611	CP-0307AT-2R2K
979	E-L-0407-1015	2922040006	COIL PEAKING 2.2uH K TP AXIAL 0307	L617	CP-0307AT-2R2K
980	E-L-0407-1015	2922040006	COIL PEAKING 2.2uH K TP AXIAL 0307	L618	CP-0307AT-2R2K
981	E-L-0407-1243	2922130206	COIL PEAKING 22uH K TP AXIAL 0307	L601	CP-0307AT-220K
982	E-L-0407-1243	2922130206	COIL PEAKING 22uH K TP AXIAL 0307	L610	CP-0307AT-220K
983	E-L-0407-1152	2922390104	COIL PEAKING .33uH K TP AXIAL 0307	L607	AL0307ST-R33K-S-B
984	E-L-0407-1152	2922390104	COIL PEAKING .33uH K TP AXIAL 0307	L608	AL0307ST-R33K-S-B
985	E-L-0407-1152	2922390104	COIL PEAKING .33uH K TP AXIAL 0307	L609	AL0307ST-R33K-S-B
986	E-L-0407-1153	2922390106	COIL PEAKING .33uH K TP AXIAL 0307	L607	CP-0307AT-R33K
987	E-L-0407-1153	2922390106	COIL PEAKING .33uH K TP AXIAL 0307	L608	CP-0307AT-R33K
988	E-L-0407-1153	2922390106	COIL PEAKING .33uH K TP AXIAL 0307	L609	CP-0307AT-R33K
989	B-00001235	2970047600	PWB S0 FR-1(XPC) 250*330 (K996A)		
990	M-SW-0815-0151	3000091800	SWITCH TACTILE DC 12V 50mA	SW301A,SW 302A, SW303A,SW	
991	M-SW-0815-0151	3000091800	SWITCH TACTILE DC 12V 50mA	SW305	
992	M-SW-0815-0176	3000091816	SWITCH TACTILE DC 12V 50mA	SW301A,SW 302A, SW303A,SW	SKHHLM1510
993	M-SW-0815-0176	3000091816	SWITCH TACTILE DC 12V 50mA	SW305	SKHHLM1510
994	M-SW-0815-0202	3000091820	SWITCH TACTILE DC 15V 50mA	SW301A,SW 302A, SW303A,SW	TSVB-2-D
995	M-SW-0815-0202	3000091820	SWITCH TACTILE DC 15V 50mA	SW305	TSVB-2-D
996	M-SW-0815-0156	3000140416	SWITCH PUSH SPST DC30V 0.3A	SW101	SPPJ22NE01-TA
997	M-SW-0815-0193	3000140420	SWITCH PUSH SPST DC30V 0.3A	SW101	PS2
998	M-SW-0815-0164	3000140426	SWITCH PUSH SPST DC30V 0.3A	SW101	
999	M-MS-0808-6069	3020005436	SOCKET CRT NORMAL DOUBLE FOCUS	X601	SFCCB09120-TA
1000	M-MS-0808-6872	3020005439	SOCKET CRT NORMAL DOUBLE FOCUS	X601	GZS10-302A
1001	M-MS-0808-6790	3020603638	SOCKET AC PWB MOUNT INPUT 10A 250V	X101	SA-4S-020
1002	M-MS-0808-7802	3070023934	HEADER NY66 94V0 7P P2.5	P301	A2501WV2-7P
1003	M-MS-0808-7506	3071315634	HEADER NY66 94V0 6PIN	P601	
1004	M-MS-0808-5076	3071315734	HEADER NY66 94V0 7P P2.5 W/BOSS	P301	A2501WV2-7P-BS
1005	M-MS-0808-5378	3071406334	HEADER NY66 94V0 3P P2.5	P201	A2502WV2-3P
1006	A-VC-0101-0349	3080424800	CABLE D-SUB/HOUSING L1830 BLK OD6 (Black)		
1007	M-SCW-0824-0391	3100300800	SCREW M M3*0.5*8 PAN C S+P S20C ZN	IC602	
1008	M-SCW-0824-0004	3100301000	SCREW M M3*0.5*10 PAN C S+P S20C ZN		
1009	M-SCW-0824-0004	3100301000	SCREW M M3*0.5*10 PAN C S+P S20C ZN		
1010	M-SCW-0824-0433	3100301200	SCREW M M3*0.5*12 PAN C S+P S20C ZN		
1011	M-SCW-0824-0461	3106150400	SCREW T M3.5*1*8 PAN C S18C ZN YEL		

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal #
1012	M-SCW-0824-0411	3109010300	SCREW T M3*0.5*10 BIND C S18C ZN YEL		
1013	M-SCW-0824-0413	3109011400	SCREW T M3*0.5*6 BIND C S18C ZN YEL		
1014	M-SCW-0824-0617	3109017300	SCREW T M3*0.5*8 PAN C S S18C ZN		
1015	M-SCW-0824-0620	3109020500	SCREW T ?p4*1.6*10 PAN C S18C ZN YEL		
1016	M-SCW-0824-0393	3109020700	SCREW T M4*0.7*8 PAN C S S18C ZN		
1017	M-MS-0808-7326	3110110400	NUT M3*0.5 S1010C		
1018	#N/A	3227000100	TUBE HS POLYOLEFIN 7*.25 BLACK		VERAFIT 7*2.5 BLK
1019	M-MS-0808-5739	3227001900	TUBE HS POLYOLEFIN 5*.25 BLACK		VERSAFIT 5*0.25 BL
1020	M-MS-0808-6564	3240171300	INSULATOR SIRUB 20*14		
1021	M-MS-0808-5103	3240180000	INSULATOR SILICON T=0.275 19.05*12.7		SIL-PAD400
1022	M-MS-0808-5104	3240191000	INSULATOR BUSHING NY46 T=3 OD=6.1		
1023	#N/A	3240193100	BUSHING NYLON66 94V-0		602S
1024	M-MS-0808-7803	3240291900	INSULATOR SIRUB 12*26 T.275		
1025	#N/A	3341061201	HSK PLATE BRASS TIN PLATED T1.4 23.5*55.	HS201	
1026	M-MS-0808-7031	3341072500	HSK AL T=2.2 15*10.8*50 H	HS402	
1027	M-MS-0808-7311	3341159002	HSK AL T=2.5 85*47 I	HS101	
1028	HW-00001236	3341749600	HSK PLATE AL1100F PICKLING T2		
1029	#N/A	3342700305	HSK AL T=1 84.5*35 I	HS601	
1030	M-MS-0808-8237	3350141100	RIVET BRASS TIN PLATED 1.8*3.7*3		
1031	M-MS-0808-5111	3350141900	RIVET BRASS TIN PLATED 1.5*3.2*3		
1032	M-MS-0808-5111	3350141900	RIVET BRASS TIN PLATED 1.5*3.2*3		
1033	M-MS-0808-5112	3350143000	RIVET BRASS TIN PLATED 1.2*3*3		
1034	M-MS-0808-5112	3350143000	RIVET BRASS TIN PLATED 1.2*3*3		
1035	M-MS-0808-5112	3350143000	RIVET BRASS TIN PLATED 1.2*3*3		
1036	M-MS-0808-5119	3350252200	PIN ROUND BRONZE 2.36*13.8 TIN PLATED		
1037	M-MS-0808-5119	3350252200	PIN ROUND BRONZE 2.36*13.8 TIN PLATED		
1038	M-MS-0808-5119	3350252200	PIN ROUND BRONZE 2.36*13.8 TIN PLATED		
1039	M-MS-0808-5119	3350252200	PIN ROUND BRONZE 2.36*13.8 TIN PLATED		
1040	M-MS-0808-5119	3350252200	PIN ROUND BRONZE 2.36*13.8 TIN PLATED		
1041	M-MS-0808-5119	3350252200	PIN ROUND BRONZE 2.36*13.8 TIN PLATED		
1042	M-MS-0808-5119	3350252200	PIN ROUND BRONZE 2.36*13.8 TIN PLATED		
1043	M-MS-0808-5119	3350252200	PIN ROUND BRONZE 2.36*13.8 TIN PLATED		
1044	M-MS-0808-4828	3360053201	LED HOLDER NY66 NAT		
1045	M-WR-0828-0344	3411000200	JUMP WIRE COPPER 0.6*5.0*4.0	JW403,J206,J327,J318,J314,J316,J331	
1046	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1047	M-WR-0828-0224	3411000300	JUMP WIRE COPPER 0.6*7.5*4.0	J105	
1048	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1049	M-WR-0828-0224	3411000300	JUMP WIRE COPPER 0.6*7.5*4.0	J420,J320,J231,J309,J226,J203,J332,J40	
1050	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1051	M-WR-0828-0224	3411000300	JUMP WIRE COPPER 0.6*7.5*4.0	JW601,J613	
1052	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1053	M-WR-0828-0224	3411000300	JUMP WIRE COPPER 0.6*7.5*4.0	R205,J401,J319,J409,J611,J202,J315	
1054	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1055	M-WR-0828-0249	3411000400	JUMP WIRE COPPER 0.6*10.0*4.0	J210,J415,J427,J451,J324,J107,J304,J302,J412,J204,J307,J310,J30	
1056	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1057	M-WR-0828-0249	3411000400	JUMP WIRE COPPER 0.6*10.0*4.0	J406	
1058	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1059	M-WR-0828-0249	3411000400	JUMP WIRE COPPER 0.6*10.0*4.0	J411	
1060	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1061	M-WR-0828-0249	3411000400	JUMP WIRE COPPER 0.6*10.0*4.0	J436,J322,J325,J228,J201,J328,J432,J45	
1062	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1063	M-WR-0828-0249	3411000400	JUMP WIRE COPPER 0.6*10.0*4.0	J614J606,J61	
1064	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1065	M-WR-0828-0249	3411000400	JUMP WIRE COPPER 0.6*10.0*4.0	R226,R411,J211,R225	

Item	ViewSonic P/N	Ref. P/N	Description	Location	Universal #
1066	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1067	#N/A	3411000500	JUMP WIRE COPPER 0.6*12.5*4.0	J404,J306,J305,J323,J433,J	
1068	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1069	#N/A	3411000500	JUMP WIRE COPPER 0.6*12.5*4.0	J407,J321,J301,J429,J426,J414,J445,J230,J421,J447,J	
1070	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1071	#N/A	3411000500	JUMP WIRE COPPER 0.6*12.5*4.0	J610	
1072	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1073	#N/A	3411000500	JUMP WIRE COPPER 0.6*12.5*4.0	R401,R445,J29,J443,J442,J444,R5	
1074	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1075	#N/A	3411000500	JUMP WIRE COPPER 0.6*12.5*4.0	R412,J449,J317,J457	
1076	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1077	M-WR-0828-0388	3411000600	JUMP WIRE COPPER 0.6*15.0*4.0	J205	
1078	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1079	M-WR-0828-0388	3411000600	JUMP WIRE COPPER 0.6*15.0*4.0	J333,R502,R503,J417,J450,J220,J437,J441,J416,	
1080	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1081	M-WR-0828-0389	3411000700	JUMP WIRE COPPER 0.6*17.5*4.0	J410,J213,J434,J439,J446,J212,J217,J21	
1082	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1083	M-WR-0828-0390	3411000800	JUMP WIRE COPPER 0.6*20.0*4.0	J430,J428,J216,J209,J208,J431,J408,J326,J435,J418,J419,J312,J33	
1084	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1085	M-WR-0828-0390	3411000800	JUMP WIRE COPPER 0.6*20.0*4.0	J440,J303,J424,J425	
1086	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1087	#N/A	3411004203	JUMP WIRE COPPER 0.6*6.0*4.0	J605	
1088	M-WR-0828-0402	4010670000	WIRE CU 0.6 TNC		
1089	PL-CL-0710-0026	3420003302	CLIP FIXING SECC 30*10 T=1.5		
1090	M-MS-0808-5008	3421030303	CABLE TIE NYLON66 94V-2		YJ-98
1091	M-MS-0808-5123	3429009300	CLIP TIN SPTH 32*7 T=0.3		
1092	M-MS-0808-7487	3429019600	CLIP TIN SPTH 30.5*7 T=0.3		
1093	M-MS-0808-7513	3460103202	BRACKET REAR SECC 67*55 T=1		
1094	M-MS-0808-9038	3461230101	SHIELD CAN VIDEO SPTH 95*95 T.3		
1095	#N/A	3641058700	WIRE WITH TERMINAL 1007 #18 GEN L1330		
1096	M-WR-0828-0748	3641312100	WIRE WITH TERMINAL 1007 #18 BLK L185		
1097	M-WR-0828-5990	3642422902	WIRE WITH TERMINAL 1015 #18 Y/G L93 CORE		
1098	#N/A	3679018701	WIRE WITH HOUSING 1007 #24 7+5P		
1099	M-MS-0808-5153	4020208200	FLUX ROSIN 800 NO CLEAN		800 NO CLEAN
1100	M-MS-0808-5154	4020208300	THINNER OF ROSIN 800 ADDITIV		800 ADDITIVE
1101	#N/A	4090001000	SOLDER WIRE 50/50 1.6mm		
1102	#N/A	4090002100	SOLDER WIRE 63/37 1.0mm		
1103	M-MS-0808-5358	4090002400	SOLDER BAR 63/37		

8. Exploded Diagram And Spare Parts List



EXPLODED PARTS LIST (G90f-3)

ViewSonic Model Number: VCDTS23283-3

Rev: 1a

Item	ViewSonic P/N	Ref. P/N	Description	Q'ty
1	C-00001211	3361096900	F/B PC+ABS Y0-487 G90F S9PFC1AT (Beige)	1
2	PL-NB-0707-0191	3360624200	POWER KNOB ABS Y0-487 S7FB2AT (Beige)	1
3	M-MS-0808-4828	3360053201	LED HOLDER NY66 NAT	1
4	M-MS-0808-7806	3462003900	SPRING COMPRESSION SUS304 ID6.5 L12	1
5	PL-FK-0709-0117	3360726800	FUNCTION KEY ABS Y0-487 S7FB2A (Beige)	1
6	M-LB-0813-0466	3209135100	NAME PLATE AL+PC VSC 3-BIRD LOGO 24.7*17	1
7	PL-PD-0714-0021	3240920800	RUBBER PAD 20*6.5*5 BLACK	4
8	CB-00001233	3649110700	CRT GROUNDING WIRE K996	1
9	E-L-0407-1593	2840003006	DEGAUSSING COIL 11.30OHM K	1
10	M-MS-0808-9038	3461230101	SHIELD CAN VIDEO SPTE 95*95 T.3	1
11	C-00001212	3360257500	R/C PC+ABS Y0-487 S9RC1AT (Beige)	1
12	DC-00001234	3201986300	LABEL ID 200*80.5 G90F-3 K996 SAR 01A	1
13	M-SCW-0824-0394	3109022200	SCREW T ? p4*1.6*35 PAN C S18C ZN	2
14	M-SCW-0824-0006	3109020201	SCREW T ? p4*1.4*16 PAN C S18C ZN YEL	2
15	PL-TB-0717-0138	3360320000	SWIVEL ABS Y0-SWIVEL ABS DIC544 7SC1-1HC (Beige)	1
16	C-BT-0304-0019	3360426900	BASE ABS Y0-487 S9BC1AT (Beige)	1
17	M-SW-0815-0151	3000091800	SWITCH TACTILE DC 12V 50mA	5
18	E-D-0403-1199	2300062706	LED 5mm ORG/GRN 3PIN	1
19	M-MS-0808-4828	3360053201	LED HOLDER NY66 NAT	1
20	M-SW-0815-0164	3000140426	SWITCH PUSH SPST DC30V 0.3A	1
21	B-00001235	2970047600	PWB S0 FR-1(XPC) 250*330 (K996A)	1
22	M-MS-0808-4206	3421047903	SPACER SUPPORT NYLON 94V-2 14*9*11.8	3
23	HW-00001236	3341749600	HSK PLATE AL1100F PICKLING T2	1
24	M-MS-0808-7513	3460103202	BRACKET REAR SECC 67*55 T=1	1
25	M-MS-0808-6790	3020603638	SOCKET AC PWB MOUNT INPUT 10A 250V	1
26	A-VC-0101-0350	3080423300	CABLE D-SUB/HOUSING L1830 Y0-487 OD6 J98	1
27	M-SCW-0824-0393	3109020700	SCREW T M4*0.7*8 PAN C S S18C ZN	1
28	M-SCW-0824-0413	3109011400	SCREW T M3*0.5*6 BIND C S18C ZN YEL	2
29	M-SCW-0824-0004	3100301000	SCREW M M3*0.5*10 PAN C S+P S20C ZN	7
30	M-MS-0808-7326	3110110400	NUT M3*0.5 S1010C	2
31	M-SCW-0824-0617	3109017300	SCREW T M3*0.5*8 PAN C S S18C ZN	1
32	M-MS-0808-6564	3240171300	INSULATOR SIRUB 20*14	1
33	M-SCW-0824-0413	3109011400	SCREW T M3*0.5*6 BIND C S18C ZN YEL	2
34	M-SCW-0824-0393	3109020700	SCREW T M4*0.7*8 PAN C S S18C ZN	1
35	E-00001241	0741904610	CRT .25 19" 96KHZ TCO	1

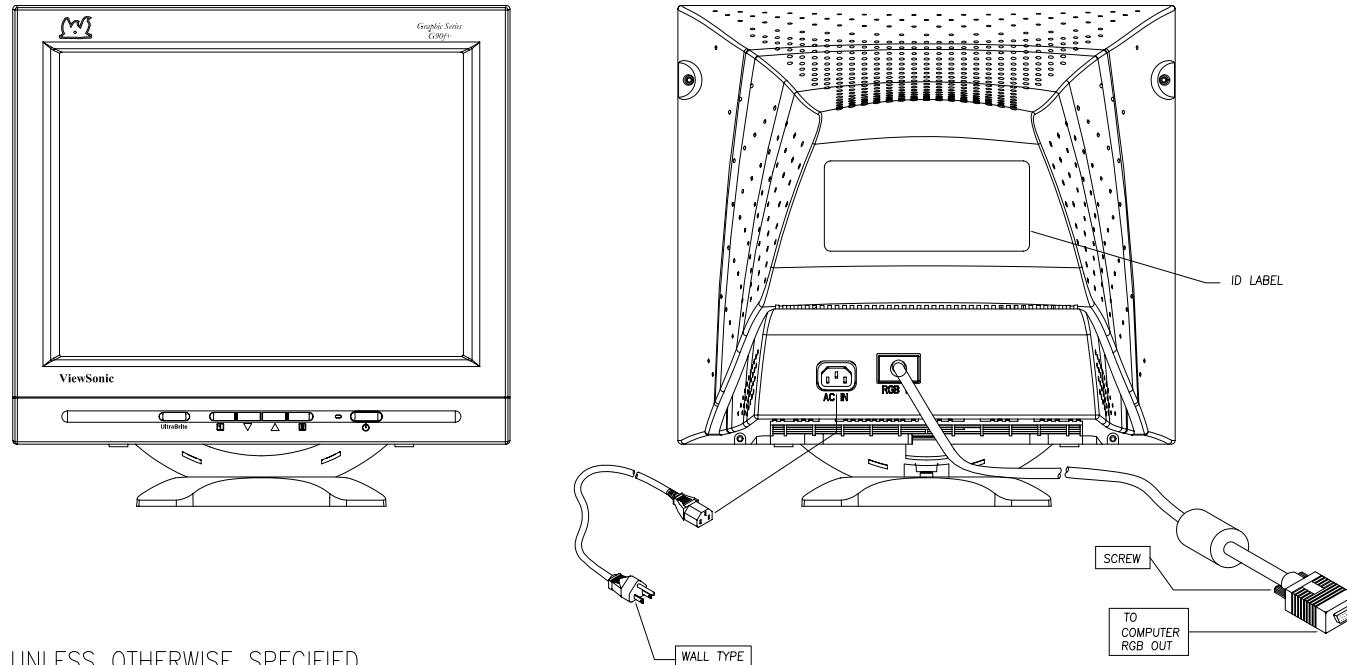
EXPLODED PARTS LIST (G90fB-3)

ViewSonic Model Number: VCDTS23283-3

Rev: 1a

Item	ViewSonic P/N	Ref. P/N	Description	Q'ty
1	C-00001109	3361500400	F/B PC+ABS EP32 G90F S9PFC1AT (Black)	1
2	PL-000001255	3360925300	POWER KNOB ABS EP32 S7PFB1AT (Black)	1
3	M-MS-0808-4828	3360053201	LED HOLDER NY66 NAT	1
4	M-MS-0808-7806	3462003900	SPRING COMPRESSION SUS304 ID6.5 L12	1
5	PL-000001256	3360738600	FUNCTION KEY ABS EP32 S7PFB1AT (Black)	1
6	M-LB-0813-0466	3209135100	NAME PLATE AL+PC VSC 3-BIRD LOGO 24.7*17	1
7	PL-PD-0714-0021	3240920800	RUBBER PAD 20*6.5*5 BLACK	4
8	CB-00001233	3649110700	CRT GROUNDING WIRE K996	1
9	E-L-0407-1593	2840003006	DEGAUSSING COIL 11.30OHM K	1
10	M-MS-0808-9038	3461230101	SHIELD CAN VIDEO SPTE 95*95 T.3	1
11	C-00001110	3360259200	R/C PC+ABS EP32 S9RC1AT (Black)	1
12	DC-00001234	3201986300	LABEL ID 200*80.5 G90F-3 K996 SAR 01A	1
13	M-SCW-0824-0394	3109022200	SCREW T ?p4*1.6*35 PAN C S18C ZN	2
14	M-SCW-0824-0006	3109020201	SCREW T ?p4*1.4*16 PAN C S18C ZN YEL	2
15	PL-TB-0717-0142	3360320200	SWIVEL ABS EP32 S9SC1AT (Black)	1
16	C-BT-0304-0020	3360427100	BASE ABS EP32 S9BC1AT (Black)	1
17	M-SW-0815-0151	3000091800	SWITCH TACTILE DC 12V 50mA	5
18	E-D-0403-1199	2300062706	LED 5mm ORG/GRN 3PIN	1
19	M-MS-0808-4828	3360053201	LED HOLDER NY66 NAT	1
20	M-SW-0815-0164	3000140426	SWITCH PUSH SPST DC30V 0.3A	1
21	B-00001235	2970047600	PWB S0 FR-1(XPC) 250*330 (K996A)	1
22	M-MS-0808-4206	3421047903	SPACER SUPPORT NYLON 94V-2 14*9*11.8	3
23	HW-00001236	3341749600	HSK PLATE AL1100F PICKLING T2	1
24	M-MS-0808-7513	3460103202	BRACKET REAR SECC 67*55 T=1	1
25	M-MS-0808-6790	3020603638	SOCKET AC PWB MOUNT INPUT 10A 250V	1
26	A-VC-0101-0349	3080424800	CABLE D-SUB/HOUSING L1830 BLK OD6 (Black)	1
27	M-SCW-0824-0393	3109020700	SCREW T M4*0.7*8 PAN C S S18C ZN	1
28	M-SCW-0824-0413	3109011400	SCREW T M3*0.5*6 BIND C S18C ZN YEL	2
29	M-SCW-0824-0004	3100301000	SCREW M M3*0.5*10 PAN C S+P S20C ZN	7
30	M-MS-0808-7326	3110110400	NUT M3*0.5 S1010C	2
31	M-SCW-0824-0617	3109017300	SCREW T M3*0.5*8 PAN C S S18C ZN	1
32	M-MS-0808-6564	3240171300	INSULATOR SIRUB 20*14	1
33	M-SCW-0824-0413	3109011400	SCREW T M3*0.5*6 BIND C S18C ZN YEL	2
34	M-SCW-0824-0393	3109020700	SCREW T M4*0.7*8 PAN C S S18C ZN	1
35	E-00001241	0741904610	CRT .25 19" 96KHZ TCO	1

ENGINEERING NOTICES



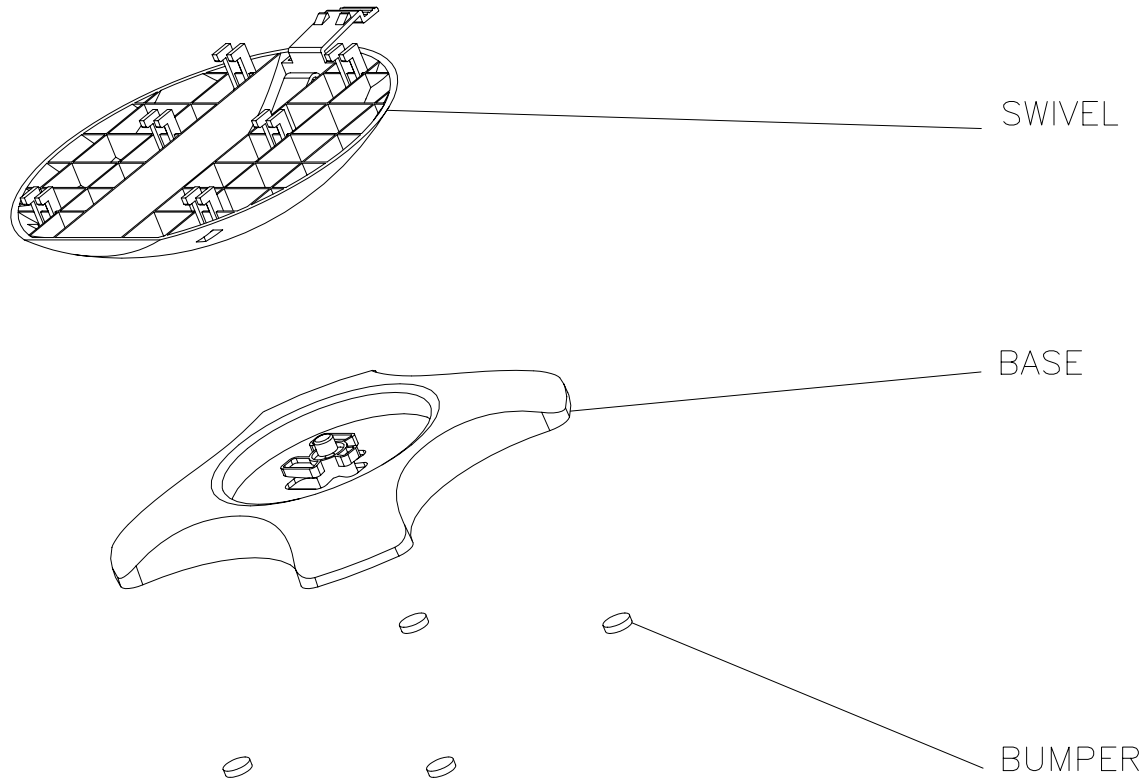
NOTE : UNLESS OTHERWISE SPECIFIED

- 1.ENSURE THE REAR COVER IS FULLY INSERTED .
AND THEN FASTEN 4PCS SCREWS (P/N:31090202XX*2, 31090222XX*2)
- 2.REMEMBER TO ADHERE ID LABEL ON THE BACK SIDE OF REAR COVER .
- 3.MAKE SURE THE MOTION BETWEEN TILT AND SWIVEL IS SMOOTH ,
WITHOUT SQUEAKS AND GAPS , APPLY LUBRICANT ONTO FRICTION
SURFACE OF SWIVEL DEVICES IS ACCEPTABLE .
- 4.PACKING MATERIAL HAVE TO MEET ENG , DEPT , SPEC .
- 5.INSPECTION REFER TO SPCE. 10000-0151.

DIMENSIONAL TOLERANCES					Drawn:	 THIRD ANGLE PROJECTION	DESCRIPTION:		
()	()	()	()	()			ENGINEERING NOTECES		
<30 : ±0.25	DECIMALS	UP~100 : ±0.2	UP~600 : ±1.5		Designed:	A4	DRAWING NO.: 336M_____	REV. 00	
>30~100 : ±0.35	X : ±0.3	100~150 : ±0.25	600~900 : ±2.4						
>100~300 : ±0.5	XX : ±0.2	150~200 : ±0.3	900~OVER : ±3.1		Checked:				
ABOVE 300 : ±0.6	XXX : ±0.1	200~250 : ±0.35			Approved:	SIZE	SHEET 3 TO 16		
HOLES: ±0.05	ANGLES: ±0.5°	250~300 : ±0.4							
		300~350 : ±0.45							
		350~400 : ±0.5							
SCALE	UNIT	MM	USED ON	K996 SAR/SBR (VSC 19")					

ENGINEERING NOTICES

SWIVEL BASE ASS'Y



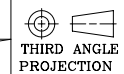
DIMENSIONAL TOLERANCES			
()	(∇)	()	()
<30 : ± 0.25	DECIMALS	UP~100 : ± 0.2	UP~600 : ± 1.5
>30~100 : ± 0.35	X : ± 0.3	100~150 : ± 0.25	600~900 : ± 2.4
>100~300 : ± 0.5	XX : ± 0.2	150~200 : ± 0.3	900~OVER : ± 3.1
ABOVE 300 : ± 0.6	XXX : ± 0.1	200~250 : ± 0.35	
HOLES: ± 0.05	ANGLES: $\pm 0.5^\circ$	250~300 : ± 0.4	
		300~350 : ± 0.45	
		350~400 : ± 0.5	

Drawn:

Designed:

Checked:

Approved:



THIRD ANGLE
PROJECTION

DESCRIPTION:

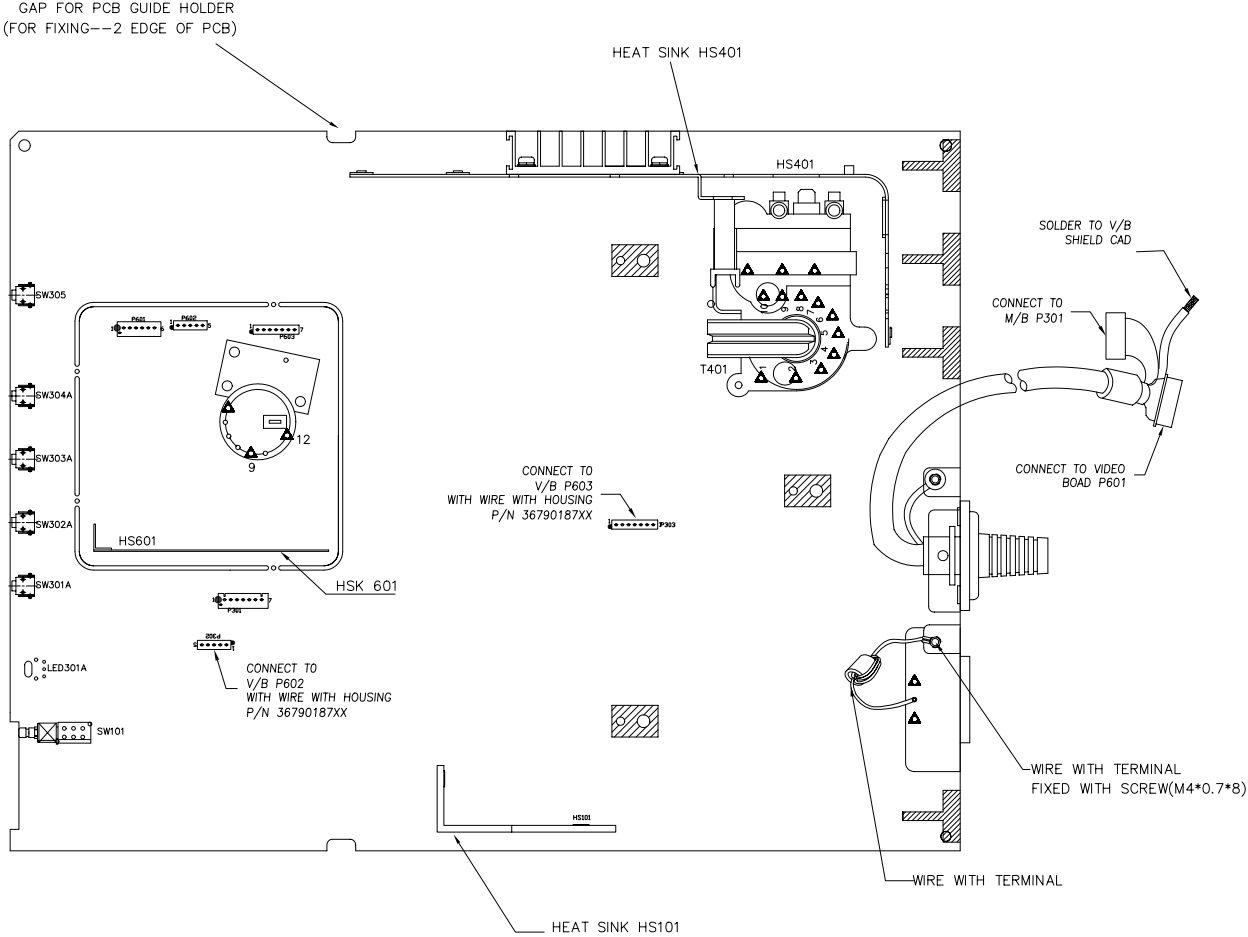
ENGINEERING NOTECES

A4
SIZE

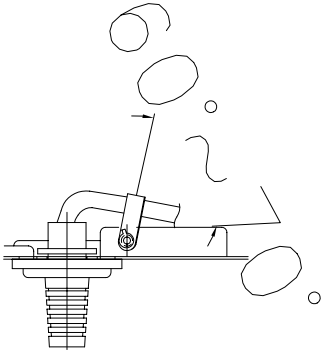
DRAWING NO.: 336M_____

SHEET 4 TO 16

REV.
00



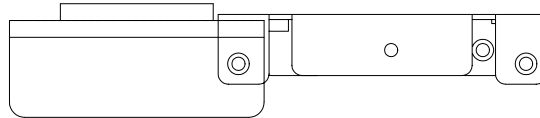
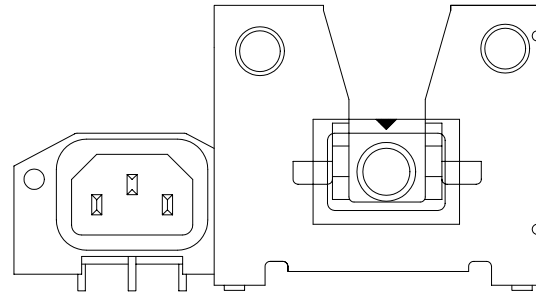
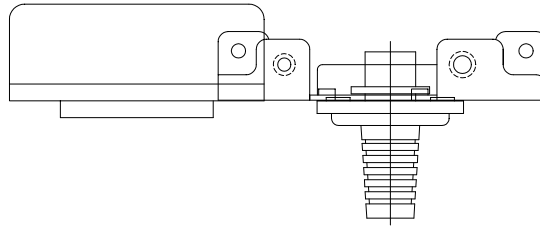
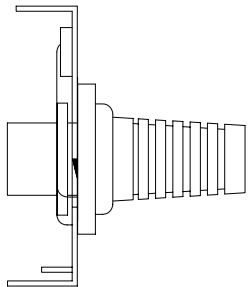
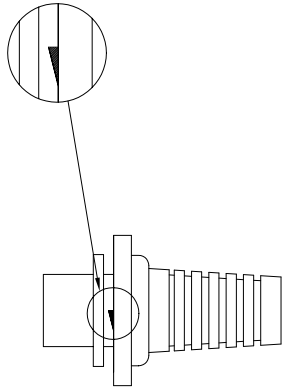
NOTE:UNLESS OTHERWISE SPECIFIED
1.WIRE WITH HOUSING P/N 36790187XX WHICH CONNECT FROM MAIN BD TO VIDEO BD MUST INSERT AT LOCATION AS DETAIL
2.LED MUST TO ARRANGE LED HOUSING, (ATTENTION AN ASPECT) THEN INSERT TO MAIN BOARD'S LED301A LOCATION.



DIMENSIONAL TOLERANCES					
()	()	()	()	()	()
<30 : ±0.25	DECIMALS	UP~100 : ±0.2	UP~600 : ±1.5		
>30~100 : ±0.35	X : ±0.3	100~150 : ±0.25	600~900 : ±2.4		
>100~300 : ±0.5	XX : ±0.2	150~200 : ±0.3	900~OVER : ±3.1		
ABOVE 300 : ±0.6	XXX : ±0.1	200~250 : ±0.35			
HOLES: ±0.05	ANGLES: ±0.5°	250~300 : ±0.4			
		300~350 : ±0.45			
		350~400 : ±0.5			
SCALE	UNIT	MM	USED ON	K996 SAR/SBR	

Drawn:	 THIRD ANGLE PROJECTION	DESCRIPTION: ENGINEERING NOTICES			
Designed:					
Checked:		A4 SIZE	DRAWING NO.: 336M_____		
Approved:			SHEET 5 TO 16	REV. 00	

Detail



USE SCREW TO FIX SIGNAL CABLE GND
AND WIRE 36413121XX WITH REAR BKT

NOTE : UNLESS OTHERWISE SPECIFIED

1.SIGNAL CABLE FIX TO METAL CHASSIS THAT THE HOOK DIRECT IS UPON THE BRACKET.
AND THE HOOK MUST LOCK TO METAL CHASSIS HOLE.

2.FIX SIGNAL CABLE GND AND WIRE 36413121XX BY SCREW (M3X0.5X6(P/N:3109011400)
& WIRE WITH TERMINAL(P/N:3642422902) BY SCREW (M4X0.7X8(P/N:3109020700) METAL BRACKET ON THE HOLE.

DIMENSIONAL TOLERANCES

()	()	()	()
<30 : ±0.25	DECIMALS	UP~100 : ±0.2	UP~600 : ±1.5
>30~100 : ±0.35	X : ±0.3	100~150 : ±0.25	600~900 : ±2.4
>100~300 : ±0.5	XX : ±0.2	150~200 : ±0.3	900~OVER : ±3.1
ABOVE 300 : ±0.6	XXX : ±0.1	200~250 : ±0.35	
HOLES: ±0.05	ANGLES: ±0.5°	250~300 : ±0.4	
		300~350 : ±0.45	
		350~400 : ±0.5	

SCALE $\frac{1}{2}$ UNIT MM USED ON K996 SAR/SBR

Drawn:

Designed:

Checked:

Approved:



A4
SIZE

DESCRIPTION:

ENGINEERING NOTECES

DRAWING NO.: 336M____
SHEET 6 TO 16

REV.
00

NOTE : UNLESS OTHERWISE SPECIFIED

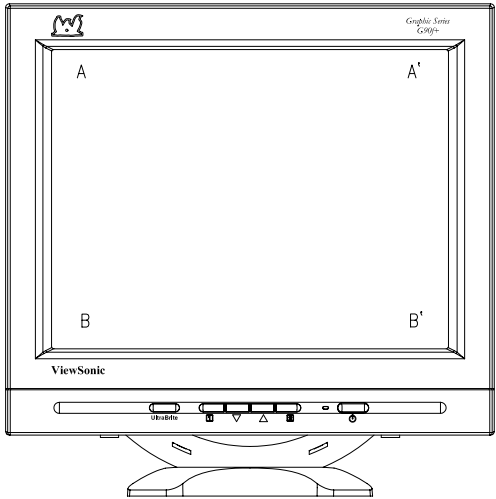
A.FRONT BEZEL (F/B) & CRT ASS'Y

- 1.POWER SWITCH BUTTON NEED ASSEMBLE WITH COMPRESSION SPRING INSERT TO FRONT BEZEL
- 2.LED LENS INSERT TO FRONT BEZEL LED LENS HOLE USE HEATSTAKE TO FIXED LENS
- 3.FUNCTION KEYTOP INSERT TO FRONT BEZEL FUNCTION HOLE AND USE HEATSTAKE TO FIXED IT
- 4.WHEN CRT GROUNDING WIRE NOOSE TO CRT MOUNTING LUG, THE EXTENSION SPRING NEED STAND FACING WITH THE H.V CAP .
- 5.WHEN DEGAUSSING COIL NOOSE TO CRT TUBE THE HOUSING'S POSITION NEED SAME THE CONNECTOR ON MAIN BOARD.
6. PUT RUBBER PAD 4 PCS TO THE FRONT BEZEL'S BOSS(EACH CORNER 1PCS) BEFORE PUT THE CRT TO FRONT BEZEL.
7. USE 4 PCS SCREW WITH LOCK WASHER FROM CRT MOUNTING LUG FIXED CRT TO FRONT BEZEL.

- 8.THE 7 PINS WIRE WITH HOUSING FM:V/B P603 TO:M/B P303
- 9.THE 5 PINS WIRE WITH HOUSING FM:V/B P602 TO:M/B P302
- 10.THE R.G.B 6PINS CONNECTOR OF SIGNAL CABLE INSERT TO VIDEO BD. P601.
- 11.THE FIRST THE GROUNDING WIRE OF SIGNAL CABLE NEED HOOK ON SHIELD CAN.AND WELDING ON IT.
- 12.OTHER 7 PINS CONNECTOR OF SIGNAL CABLE INSERT TO MAIN BD. P301.
- 13.ADD ADHESIVE GLUE (TSE 3843-W OR EQUIVALENT) BETWEEN CRT BASE AND CRT SOCKET TO AVOID LOOSEN.(1/4 CRT AREA)
- 14.THROUGH SIGNAL CABLE OVER THE HOLE (MARK AS "RGB IN") OF THE REAR COVER.
- 15.THE GAPS BETWEEN THE CRT GLASS AND THE BEZEL PLASTIC SHELL NOT BE GREATER THAN THE FOLLOWING SHOWN :

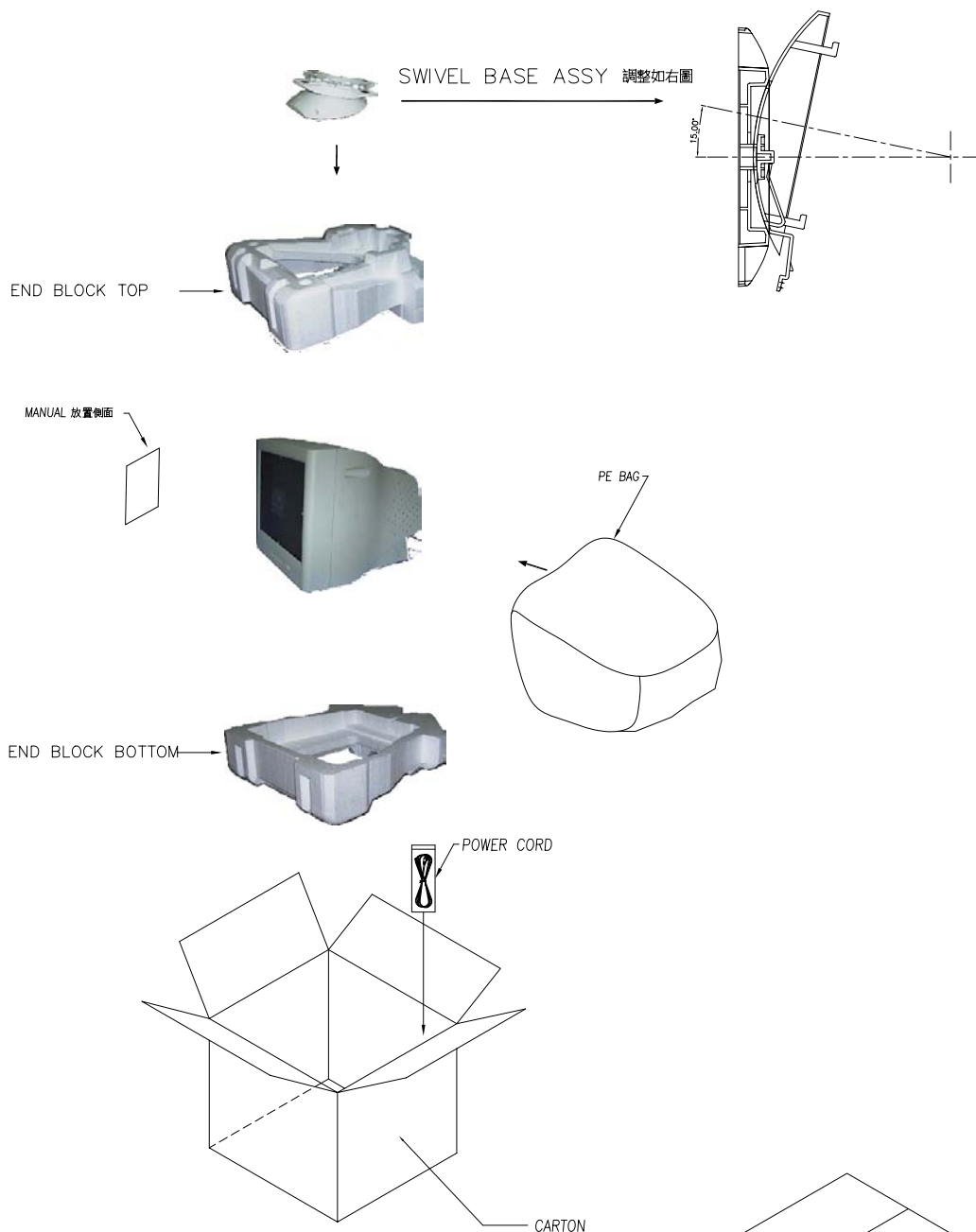
B.FRONT BEZEL ASS'Y & CRT ASS'Y OF MOUNTING

- 1.WHEN PCB ASS'Y (MAIN BOARD) INSERT TO THE FRONT BEZEL'S PCB GUIDE, PLEASE MAKE SURE THE PCB NOTCH IS LOCKED AT THE GUIDE'S HOOK.
- 2.DEGAUSSING CONNECTOR 2PINS HOUSING INSERT TO MAIN BD. P101 .
- 3.YOKE'S H.SYNC & V.SYNC HOUSING INSERT TO MAIN BD. P201 .
- 4.VIDEO BOARD ASS'Y INSERT TO THE SOCKET OF CRT BASE .
- 5.FBT'S LF (FOCUS) INSERT TO CRT SOCKET SPARK GAP.
- 6.FBT'S LS (SCREEN) INSERT TO VIDEO BD. G2 HOLE.
- 7.WHEN INSTALL THE SHIELD CAN ,THERE ARE THREE FOOT OF CORNER AND FOOT OF MIDDLE HOLE HAVE TO WELDING.

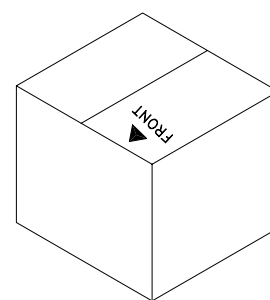


CORNER A,A' : 0.5mm (MAX)
EDGE A,A' : 0.5mm (MAX)
CORNER B,B' : 0.5mm (MAX)
EDGE AB,A'B',BB' : 0.5mm (MAX)

DIMENSIONAL TOLERANCES						Drawn:		DESCRIPTION:	
()	()	()	()	()	()	THIRD ANGLE PROJECTION		ENGINEERING NOTICES	
<30 : ±0.25	DECIMALS	UP~100 : ±0.2	UP~600 : ±1.5			A4		DRAWING NO.:	REV.
>30~100 : ±0.35	X : ±0.3	100~150 : ±0.25	600~900 : ±2.4			SIZE		336M_____	00
>100~300 : ±0.5	XX : ±0.2	150~200 : ±0.3	900~OVER : ±3.1			SHEET		7	16
ABOVE 300 : ±0.6	XXX : ±0.1	200~250 : ±0.35				T0			
HOLES: ±0.05	ANGLES: ±0.5°	250~300 : ±0.4				SBR			
		300~350 : ±0.45				(VSC 19")			
		350~400 : ±0.5							
SCALE	UNIT	MM	USED ON	K996	SAR/SBR				

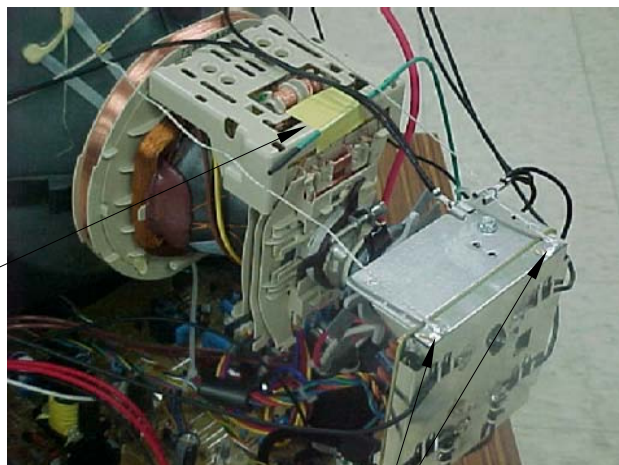


- NOTES: UNLESS OTHERWISE SPECIFIED
- 1.END BLOCK BOTTOM PUT INTO CARTON
 - 2.SIGNAL CABLE PUT IN BACK MONITOR
 - 3.PE BAG COVER MONITOR FROM FRONT TO REAR
 - 4.PUT IN END BLOCK BOTTOM
 - 5.PUT THE MANUAL AND POWER CORD IN SIDE OF MONITOR
 - 6.CLOSE THE END BLOCK TOP
 - 7.ADJUST SWIVEL-BASE LIKE DRAWING AND THEN PUT ON END BLOCK TOP
 - 8.SEAL CARTON BY CLEAR TAPE

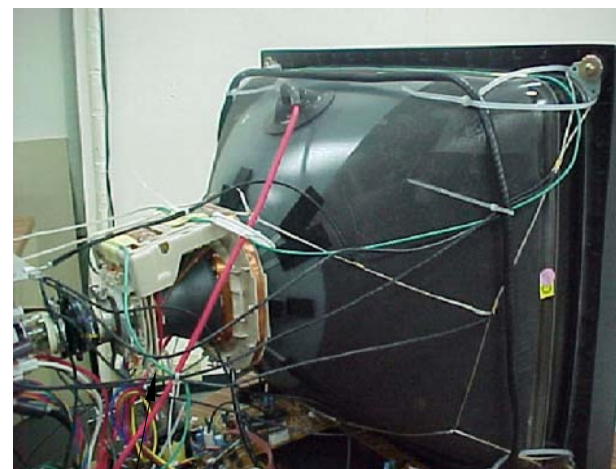


						Drawn:	
						Designed:	
						Checked:	
						Approved:	
DIMENSIONAL TOLERANCES () () () <30 :±0.25 DECIMALS UP~100 :±0.2 250~300 :±0.4 UP~600 :±1.5 >30~100 :±0.35 X :±0.3 100~150 :±0.25 300~350 :±0.45 600~900 :±2.4 >100~300 :±0.5 X.X :±0.2 150~200 :±0.3 350~400 :±0.5 900~OVER :±3.1 ABOVE 300 :±0.6 X.XX :±0.1 200~250 :±0.35						DESCRIPTION: ENGINEERING NOTICES	
SCALE $\frac{1}{4}$ UNIT MM USED ON K996 SAR/SBR (VSC 19")						PART NO.: 336M____	
						SHEET 8 TO 16	
						REV. 00	

YELLOW TAPE



SOLDER POINT OF CRT GROUNDING WIRE



WIRE P/N 36410587XX

NOTE: UNLESS OTHERWISE SPECIFIED

1.CONNECTOR WIRE (P/N:36410587XX) MUST BE INSERT TO PUS(M/B).

2.H.V. CAP DIRECTOR 3 O'CLOCK ABOUT 60°DEGREE.

DIMENSIONAL TOLERANCES

()	()	()	()
<30 : ±0.25	DECIMALS	UP~100 : ±0.2	UP~600 : ±1.5
>30~100 : ±0.35	X : ±0.3	100~150 : ±0.25	600~900 : ±2.4
>100~300 : ±0.5	XX : ±0.2	150~200 : ±0.3	900~OVER : ±3.1
ABOVE 300 : ±0.6	XXX : ±0.1	200~250 : ±0.35	
HOLES: ±0.05	ANGLES: ±0.5°	250~300 : ±0.4	
		300~350 : ±0.45	
		350~400 : ±0.5	

SCALE $\frac{1}{4}$ UNIT MM USED ON K996 SAR/SBR (VSC 19")

Drawn:

Designed:

Checked:

Approved:



A4
SIZE

DESCRIPTION:

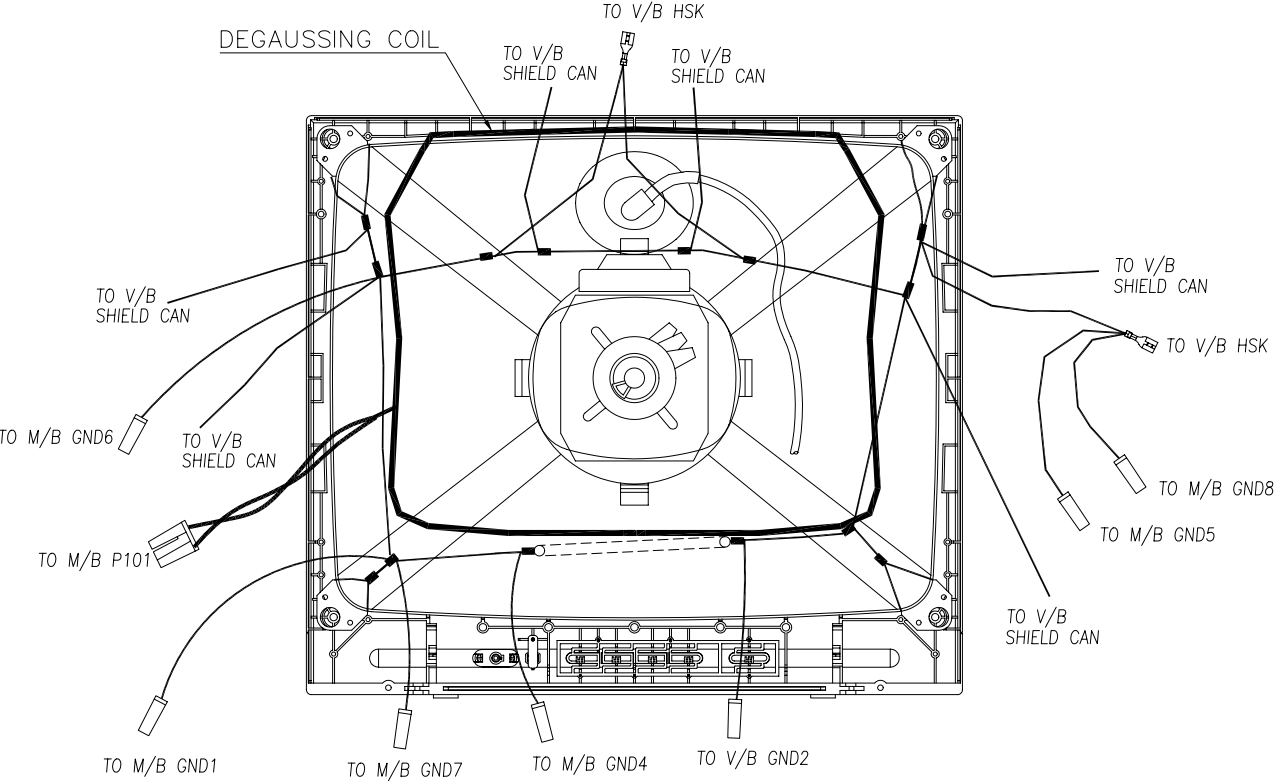
ENGINEERING NOTICES

DRAWING NO.: 336M_____

SHEET 10 TO 16

REV.
00

CRT GROUNDING WIRE CONNECTOR TO M/B & V/B



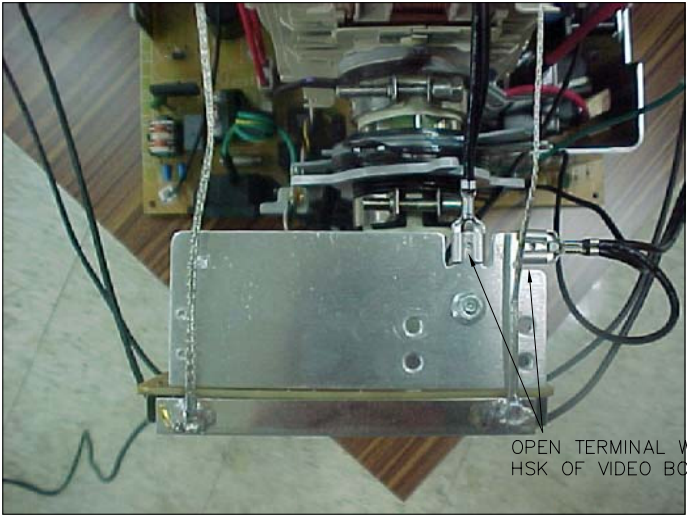
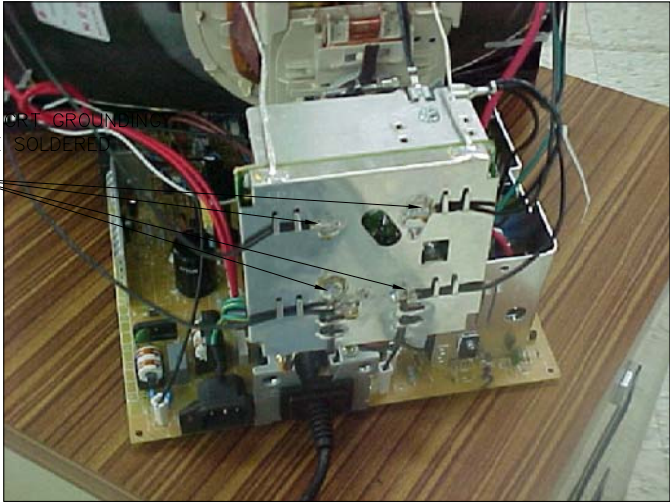
DIMENSIONAL TOLERANCES				
()	()	()	()	()
<30 : ±0.25	DECIMALS	UP~100 : ±0.2	UP~600 : ±1.5	
>30~100 : ±0.35	X : ±0.3	100~150 : ±0.25	600~900 : ±2.4	
>100~300 : ±0.5	XX : ±0.2	150~200 : ±0.3	900~OVER : ±3.1	
ABOVE 300 : ±0.6	XXX : ±0.1	200~250 : ±0.35		
HOLES: ±0.05	ANGLES: ±0.5°	250~300 : ±0.4		
		300~350 : ±0.45		
		350~400 : ±0.5		

SCALE	UNIT	MM	USED ON
1/4			K996 SAR/SBR (VSC 19")

Drawn:	THIRD ANGLE PROJECTION	DESCRIPTION:	
Designed:		ENGINEERING NOTICES	
Checked:	A4	DRAWING NO.:	REV.
Approved:		336M_____	00
	SIZE	SHEET 11 TO 16	

CRT GROUNDING WIRE CONNECTOR TO M/B & V/B

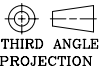
THE TERMINAL OF CRT GROUNDING WIRE (BARE) WERE SOLDERED FOR 4 POINTS.

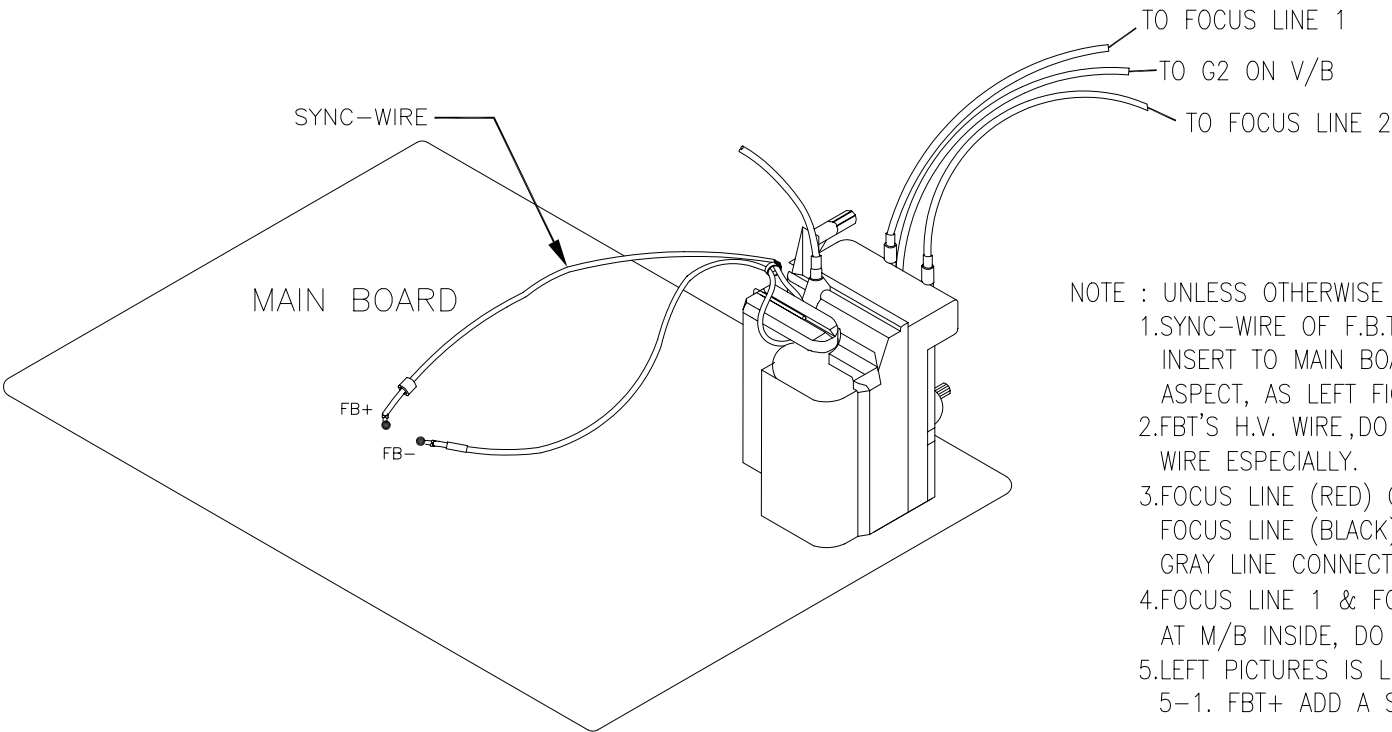


OPEN TERMINAL WERE PUT INTO HSK OF VIDEO BOARD

DIMENSIONAL TOLERANCES				
()	()	()	()	()
<30 : ±0.25	DECIMALS	UP~100 : ±0.2	UP~600 : ±1.5	
>30~100 : ±0.35	X : ±0.3	100~150 : ±0.25	600~900 : ±2.4	
>100~300 : ±0.5	XX : ±0.2	150~200 : ±0.3	900~OVER : ±3.1	
ABOVE 300 : ±0.6	XXX : ±0.1	200~250 : ±0.35		
HOLES: ±0.05	ANGLES: ±0.5°	250~300 : ±0.4		
		300~350 : ±0.45		
		350~400 : ±0.5		

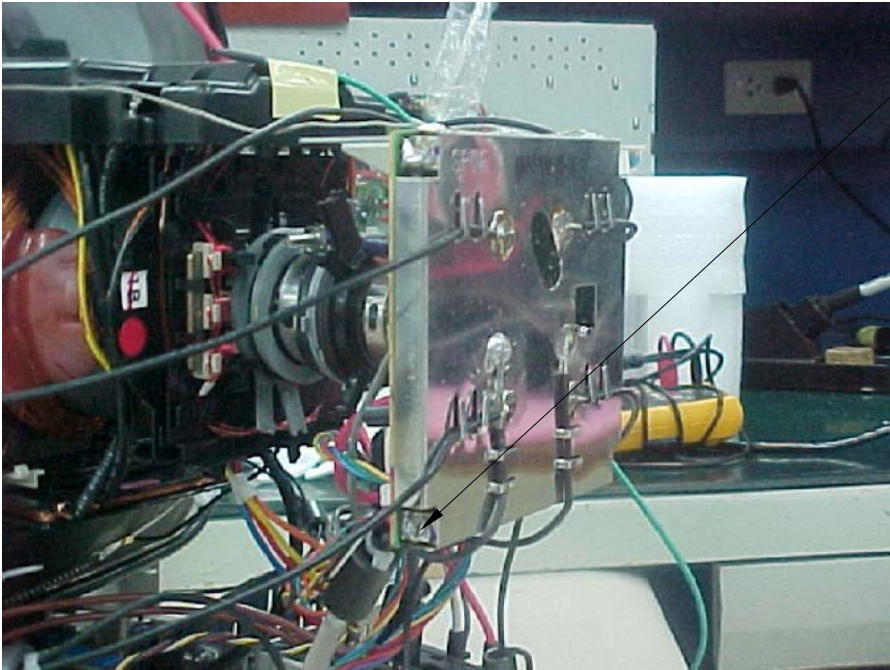
SCALE	7/8	UNIT	MM	USED ON	K996 SAR/SBR (VSC 19")
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Drawn:		DESCRIPTION:		
Designed:		ENGINEERING NOTICES		
Checked:	A4	DRAWING NO.: 336M_____		REV.
Approved:		SHEET 11A TO 16		00

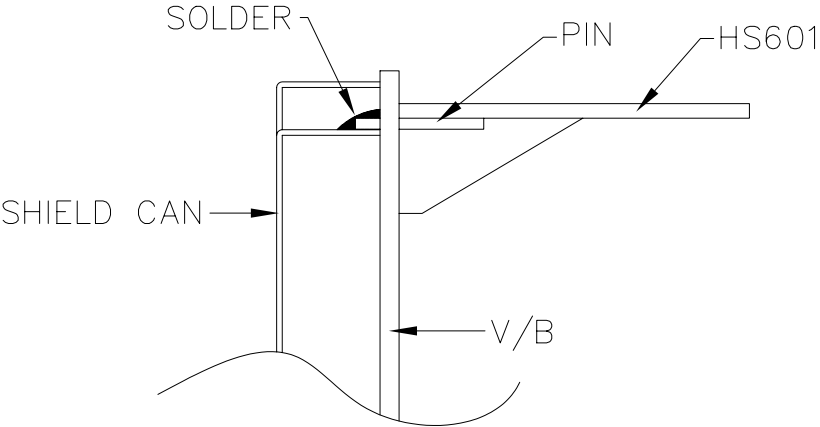


- NOTE : UNLESS OTHERWISE SPECIFIED
- 1.SYNC-WIRE OF F.B.T.
INSERT TO MAIN BOARD'S FB+& FB- HOLE, ATTENTION AN ASPECT, AS LEFT FIGURE.
 - 2.FBT'S H.V. WIRE ,DO NOT TOUCH ANY MATERIALS AND DRESS WIRE ESPECIALLY.
 - 3.FOCUS LINE (RED) CONNECTOR TO 2(V/B) ;
FOCUS LINE (BLACK) CONNECTOR TO 1(V/B).
GRAY LINE CONNECTOR TO G2 (V/B)
 - 4.FOCUS LINE 1 & FOCUS LINE 2, WIRE DRESSING
AT M/B INSIDE, DO NOT OVER HEAT SINK (HS401)
 - 5.LEFT PICTURES IS L.C.E F.B.T :
5-1. FBT+ ADD A SHEATH GOING TO DIFFERENTIATION.

DIMENSIONAL TOLERANCES					Drawn:		 DESCRIPTION:					
()	()	()	()	()	Designed:		THIRD ANGLE PROJECTION		ENGINEERING NOTICES			
<30 : ±0.25	DECIMALS	UP~100 : ±0.2	UP~600 : ±1.5									
>30~100 : ±0.35	X : ±0.3	100~150 : ±0.25	600~900 : ±2.4		Checked:		DRAWING NO.: 336M_____		REV. 00			
>100~300 : ±0.5	XX : ±0.2	150~200 : ±0.3	900~OVER : ±3.1									
ABOVE 300 : ±0.6	XXX : ±0.1	200~250 : ±0.35			Approved:		A4 SIZE		SHEET 12 TO 16			
HOLES: ±0.05	ANGLES:±0.5°	250~300 : ±0.4										
		300~350 : ±0.45										
		350~400 : ±0.5										
SCALE		UNIT	MM	USED ON	K996 SAR/SBR (VSC 19")							

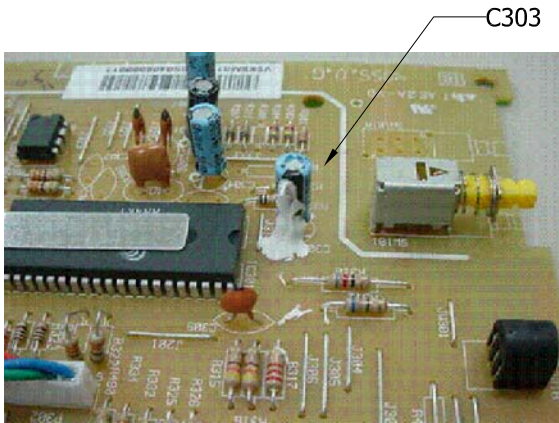


FIX SHIELD CAN PIN AT CORNER
TOGETHER WITH SOLDER

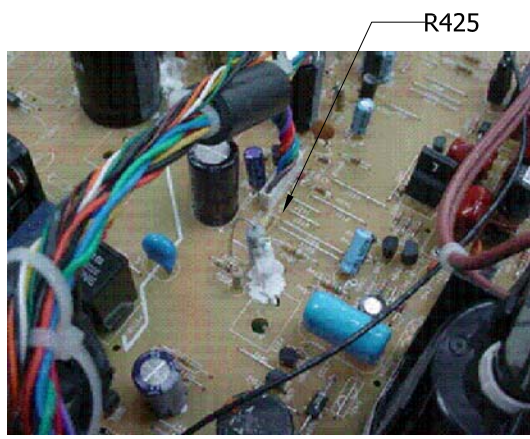
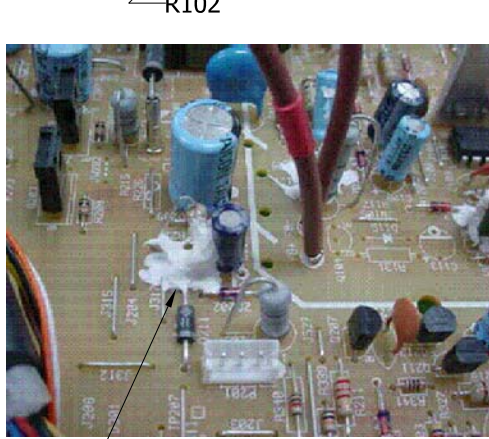
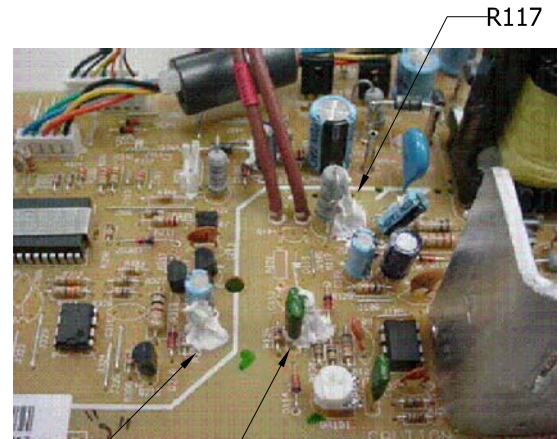


LEFT SIDE

DIMENSIONAL TOLERANCES						Drawn:		 THIRD ANGLE PROJECTION		DESCRIPTION:		
()		()		()		()		 THIRD ANGLE PROJECTION		ENGINEERING NOTICES		
<30 : ±0.25		DECIMALS		UP~100 : ±0.2		UP~600 : ±1.5						
>30~100 : ±0.35		X : ±0.3		100~150 : ±0.25		600~900 : ±2.4						
>100~300 : ±0.5		XX : ±0.2		150~200 : ±0.3		900~OVER : ±3.1						
ABOVE 300 : ±0.6		XXX : ±0.1		200~250 : ±0.35								
HOLES: ±0.05		ANGLES: ±0.5°		250~300 : ±0.4								
				300~350 : ±0.45								
				350~400 : ±0.5								
SCALE		UNIT	MM	USED ON	K996 SAR/SBR (VSC 19")		Checked:		A4 SIZE	DRAWING NO.: 336M_____		REV.
							Approved:			SHEET 13 TO 16		00

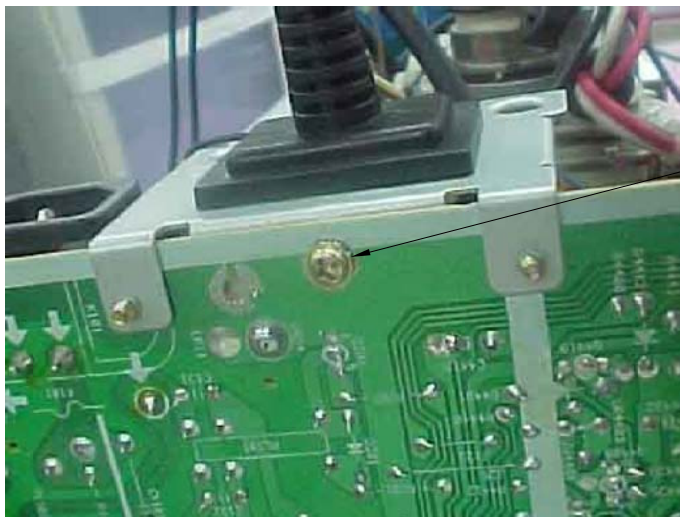


SAFETY SOLUTION *(ADD GLUE)*



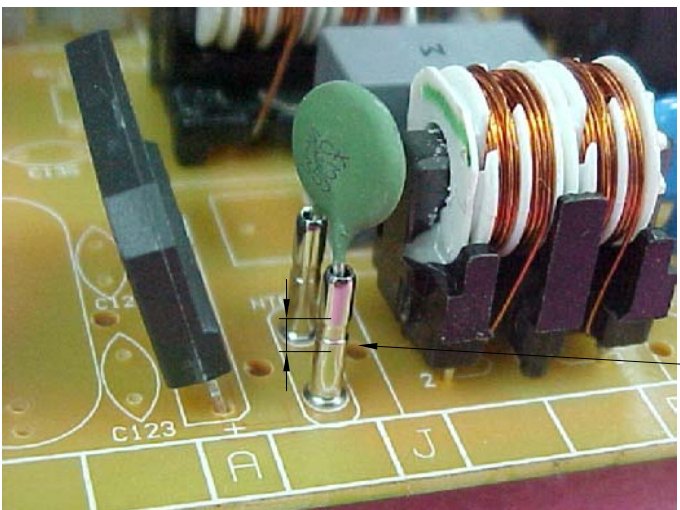
DIMENSIONAL TOLERANCES				
()	()	()	()	()
<30 : ±0.25	DECIMALS	UP~100 : ±0.2	UP~600 : ±1.5	
>30~100 : ±0.35	X : ±0.3	100~150 : ±0.25	600~900 : ±2.4	
>100~300 : ±0.5	XX : ±0.2	150~200 : ±0.3	900~OVER : ±3.1	
ABOVE 300 : ±0.6	XXX : ±0.1	200~250 : ±0.35		
HOLES: ±0.05	ANGLES: ±0.5°	250~300 : ±0.4		
		300~350 : ±0.45		
		350~400 : ±0.5		
SCALE	<i>Handwritten symbol</i>	UNIT	MM	USED ON K996 SAR/SBR (VSC 19")

Drawn:	 THIRD ANGLE PROJECTION	DESCRIPTION:	
Designed:		ENGINEERING NOTICES	
Checked:	 A4 SIZE	DRAWING NO.:	REV.
Approved:		336M_____	00
		SHEET 14 TO 16	



SAFETY SOLUTION

SCREW WASHER
Ø3.0*0.5*8



E.E SOLUTION

(REDUCE TEMPERATURE)

INSERT PIN AT NTC101 LEG

DIMENSIONAL TOLERANCES

()	()	()	()
<30 : ±0.25	DECIMALS	UP~100 : ±0.2	UP~600 : ±1.5
>30~100 : ±0.35	X : ±0.3	100~150 : ±0.25	600~900 : ±2.4
>100~300 : ±0.5	XX : ±0.2	150~200 : ±0.3	900~OVER : ±3.1
ABOVE 300 : ±0.6	XXX : ±0.1	200~250 : ±0.35	
HOLES: ±0.05	ANGLES: ±0.5°	250~300 : ±0.4	
		300~350 : ±0.45	
		350~400 : ±0.5	

SCALE $\frac{1}{2}$ UNIT MM USED ON K996 SAR/SBR (VSC 19")

Drawn:

Designed:

Checked:

Approved:



THIRD ANGLE
PROJECTION

DESCRIPTION:

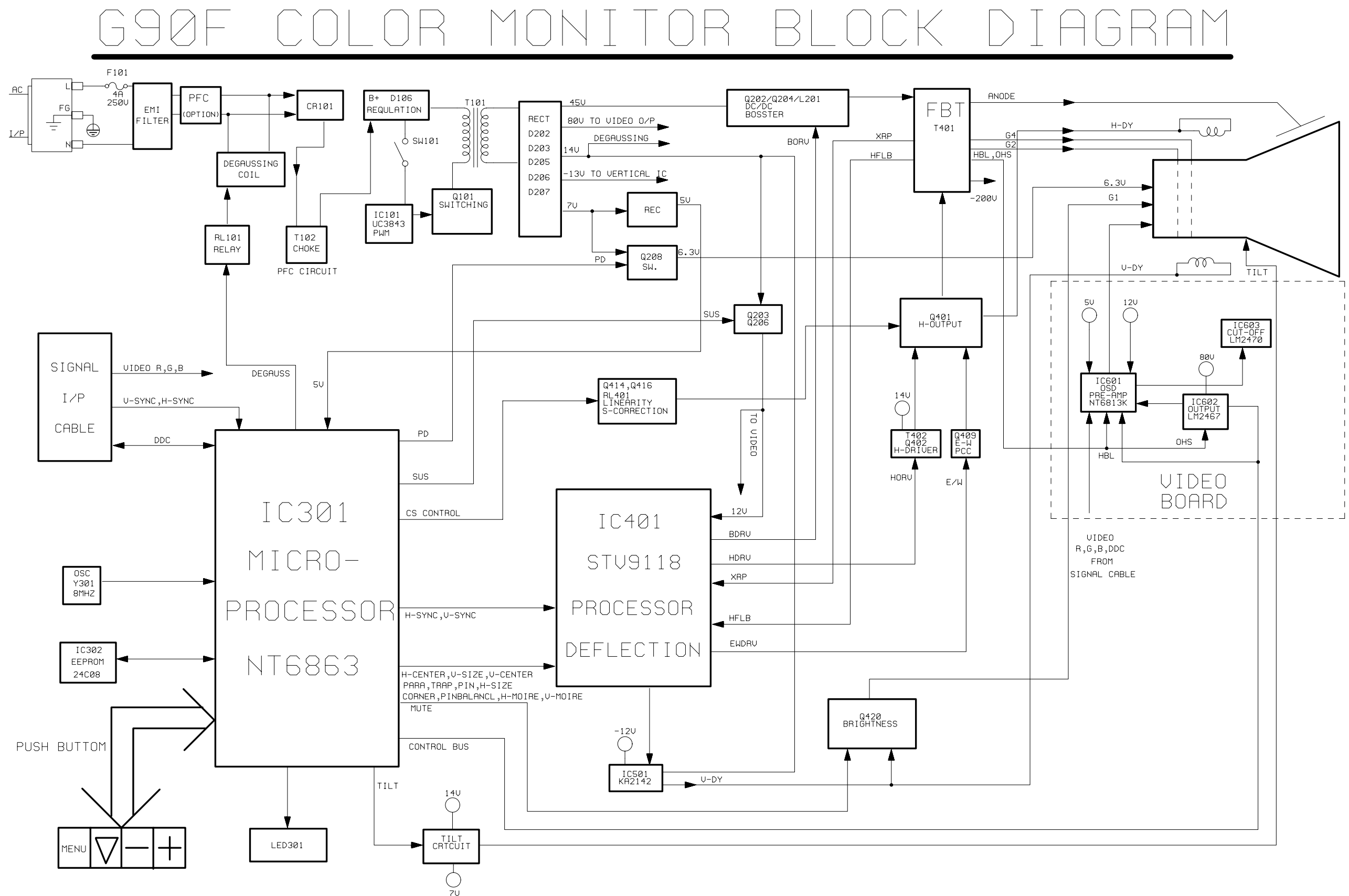
ENGINEERING NOTICES

A4
SIZE

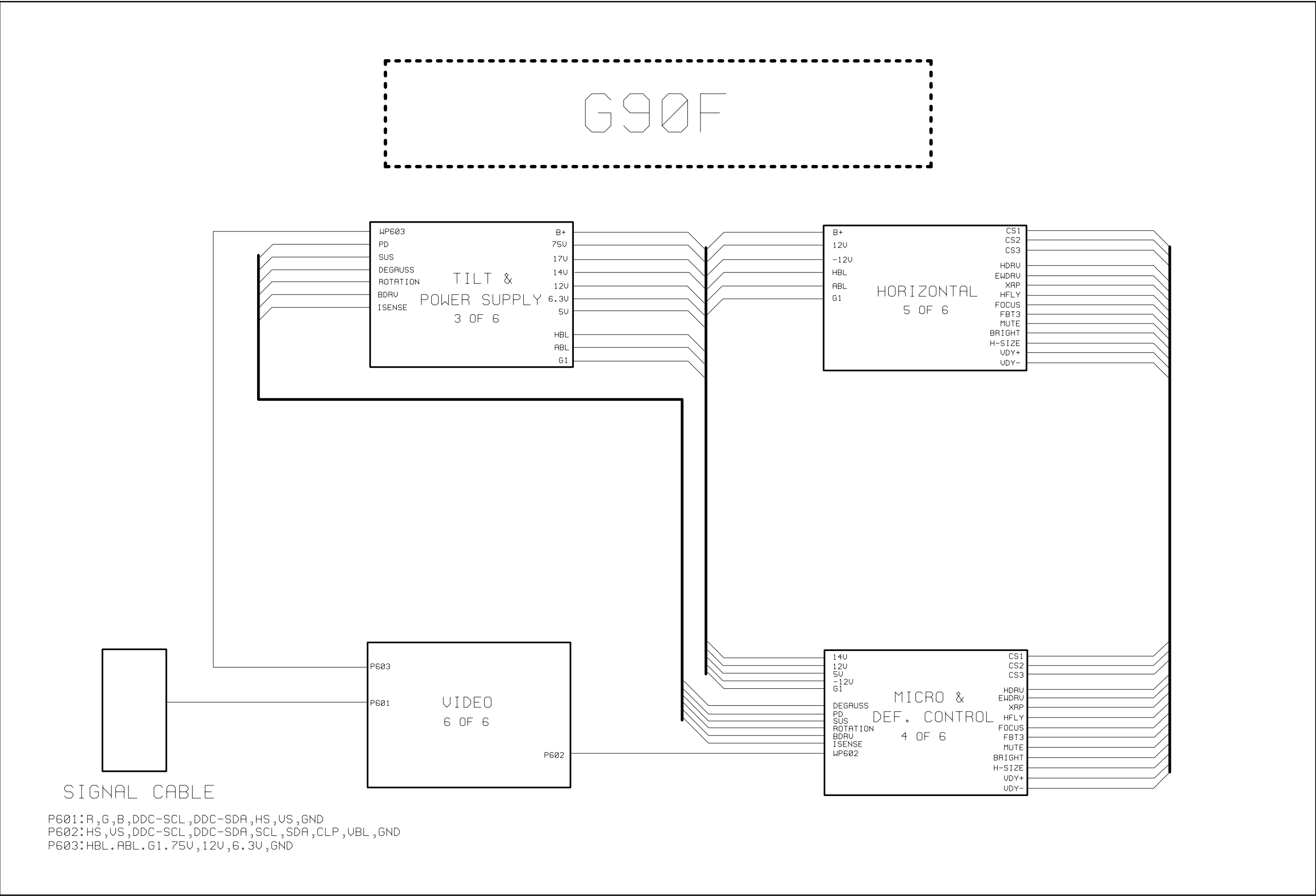
DRAWING NO.: 336M____
SHEET 14A TO 16

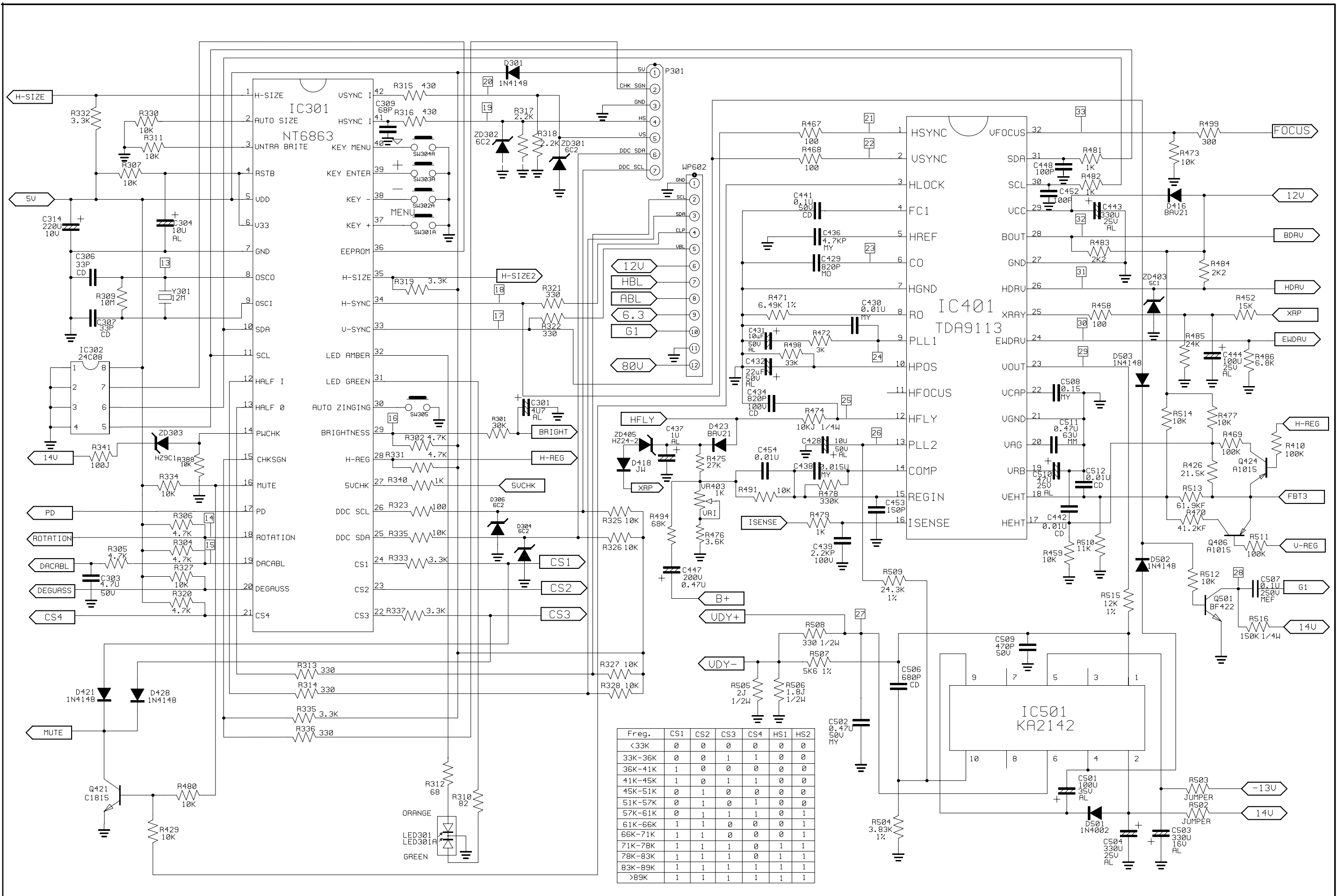
REV.
00

9. Block Diagram

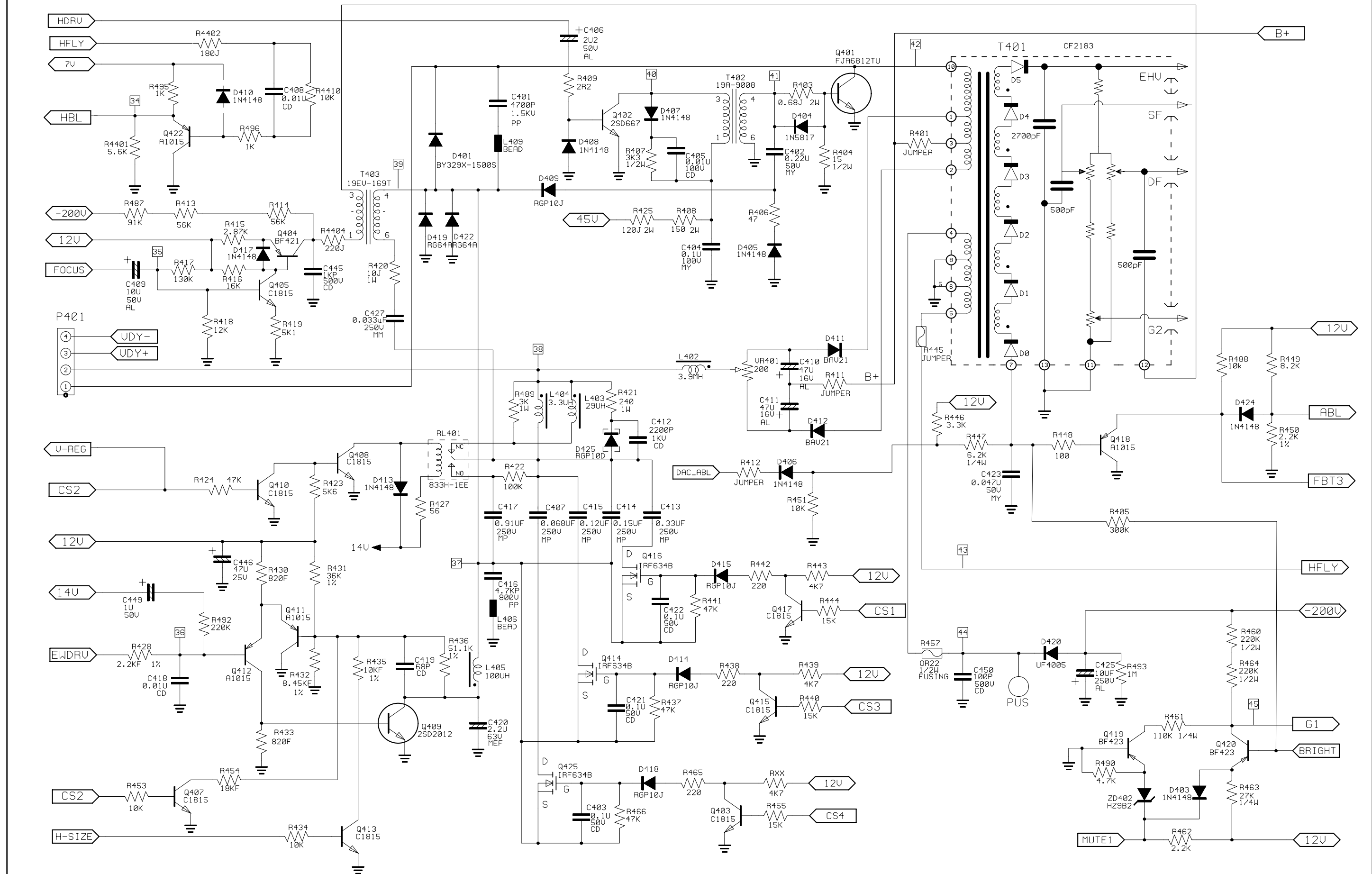


10. Schematic Diagrams





Date: 09-07-2004	LY.REV: 00	Drawn: APISIT	Checked	Approved	PART NO.	REV.	SHEET
PCB: 047601	FILE NAME: K996 SAR		CHAIWAT.K 09-07-2004	KEN.CHANG 09-07-2004	K996 SAR	00	4 to 5



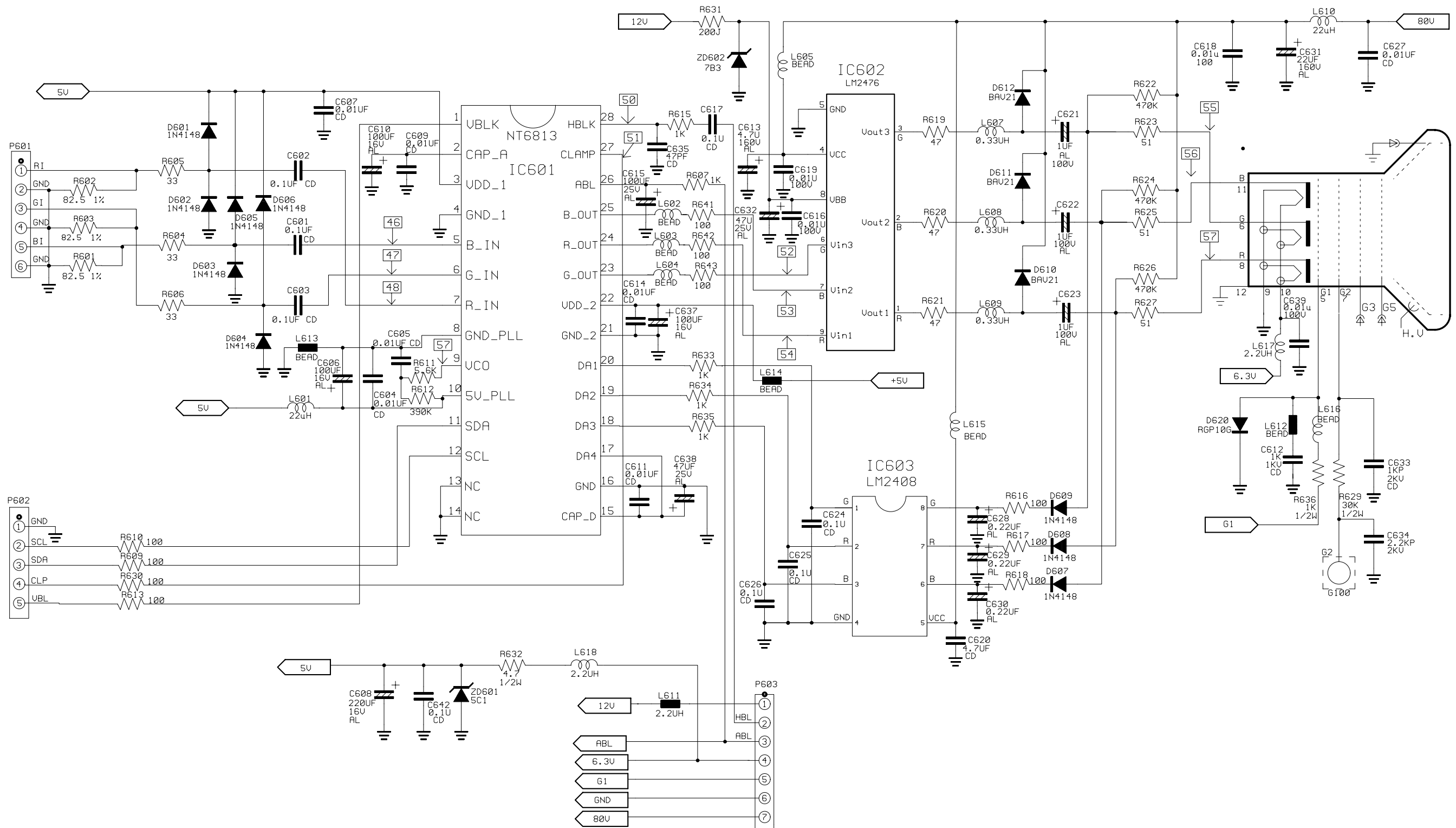
Date: 09-07-2004 LY.REV: 00 Drawn: APISIT
 PCB: 047601 FILE NAME: K996 SAR

Checked
 CHAIWAT.K
 09-07-2004

Approved
 KEN.CHANG
 09-07-2004

PART NO.
 K996 SAR

REV. 00
 SHEET 5 TO 6



Date: 09-07-2004 LY.REV: 00 Drawn: APISIT
PCB: 047601 FILE NAME: K996 SAR

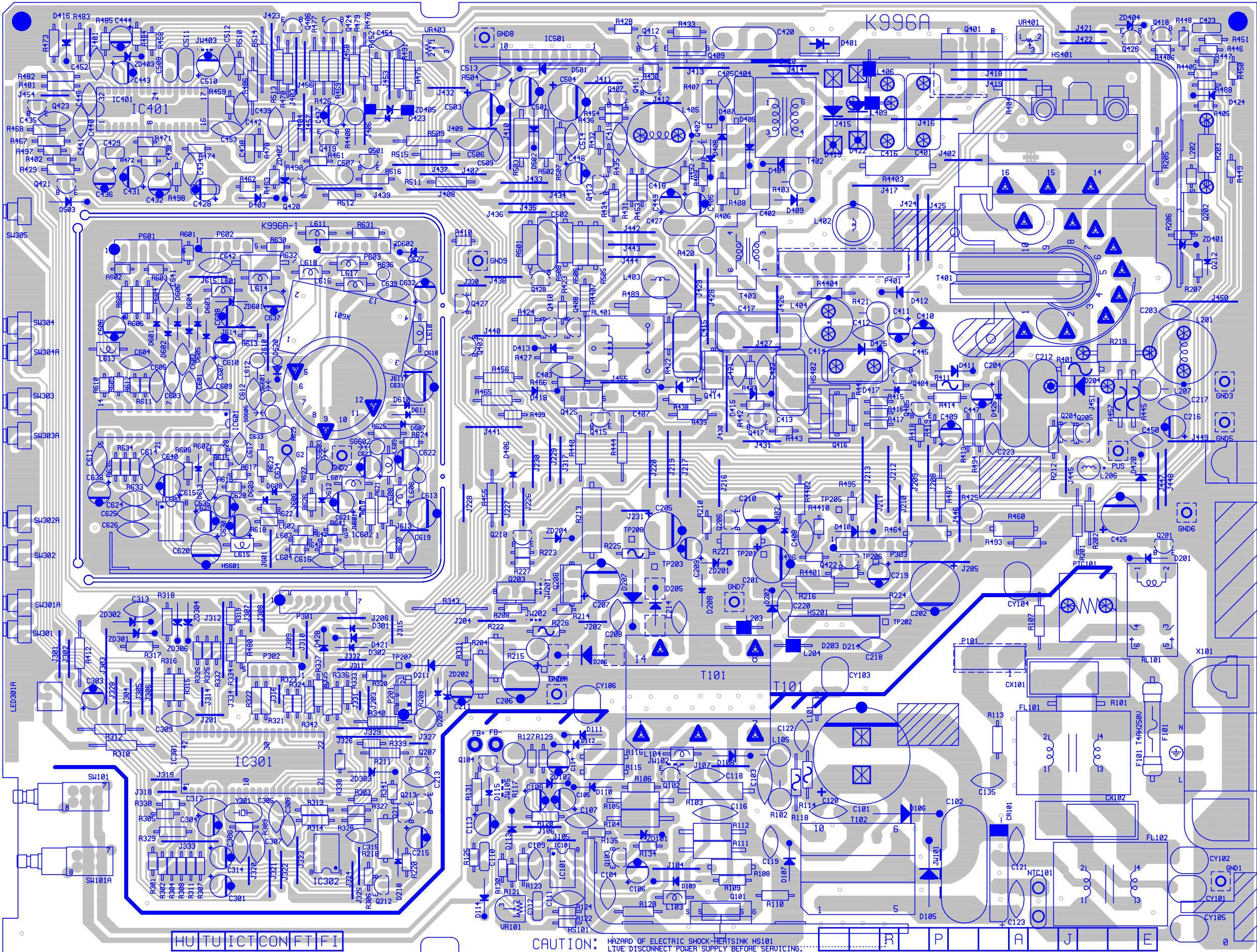
Checked
CHAIWAT.K
09-07-2004

Approved
KEN.CHANG
09-07-2004

PART NO.
K996 SAR

REV. 00
SHEET 6 TO END

11. PCB Layout Diagrams



DRAWING NO.: 996PM-114 996A1 REV: 1010
USED ON: K99600X REV: 1010
MADE BY: KHANAPORN DATE: 11/26/2004
COMPONENT SIDE UNIT: MM2

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 after reading **G90f/B-3** 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. Adjusting Procedure				
6. Trouble Shooting Flow Chart				
7. Recommended Spare Parts List				
8. Exploded Diagram and Spare Parts List				
9. Block Diagram				
10. Schematic Diagrams				
11. PCB Layout Diagrams				

B. Are you satisfied with the **G90f/B-3** 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 opinion or suggestion about 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)