

[Repair Tip Solutions](#)   [Back To AMR Home Page](#)    [Hit Counter](#)

**These tips are the property of Brad Lewis and are not to be reproduced in any way for the intent of selling or being added to any database for the purpose of such, they are to be distributed only free of charge. Share the knowledge.**

---

***Brad's unanswered monitor repair questions. If you know the answer or can help please email me.***

[BradL@stl-online.net](mailto:BradL@stl-online.net)

1. Samsung CSR5987L FCC# A3LCSR597, I have no high voltage, all the low voltages seem to be normal, Changed UC3842 & LA7851 with no luck, does not appear to have horz. drive pulse. Please include "Brad's Samsung CSR5987L" in subject line of response's.
- 

## **AAmazing**

---

AAmazing CM-8428MX FCC#EVOKD-1450

Problem: Dead

Solution: Replace Q610 (C4924), C953 (470uf 16V)

---

## **Acer**

---

Acer Acros 7031 14" VGA FCC#FVI7031

Problem: Dead

Solution: Reflow horz. section.

---

Acer Acros 7031 14" VGA FCC#FVI7031

Problem: Raster changing with heat up also blurry

Solution: Replace Flyback 19.70006.001

---

Acer Acros 7033 14" SVGA

Problem: Dead

Solution: Replace D610 (1N5817)

---

Acer 7133 14" SVGA FCC#JVP7133S

Problem: Dead

Solution: Reflow L602 (in primary side of power supply)

---

Acer 7133S III 14" SVGA FCC#JVP7133S

Problem: Dead

Solution: Replace D601, D603 (RL206G), F601 (3.15 GMA).

---

Acer Acerview 34T #7134T 17" SVGA

Problem: Power on and off when moved.

Solution: Reseat cable coming from main board to CRT board & repair cracked solder joint on CRT board

---

Acer 7155 14"SVGA FCC# JVP7155

Problem: Dead

Solution: Replace D602 (RL206G), F601(3.15 amp GMA)

---

Acer 7155 14"SVGA FCC# JVP7155

Problem: Squealing - No picture

Solution: Reflow (L302) Pad broke loose.

---

Acer 7176is 17" SVGA FCC# JVP7176IS

Problem: No control of Horz. width or Pincusion - Video blinks in and out intermittently.

Solution: Replace D308 (FES8JT), C3950 (2.2uf 450V)

---

Acer 7198I 20" SVGA FCC# JVP7198I

Problem: Power Cycling

Solution: Replace C720 (1000uf 16V), Check for cracked solder joints on HV Board and power supply board (exp horz section).

---

Acer 7198I 20" SVGA FCC# JVP7198I

Problem: Shakes

Solution: Replace C421 (2.2uf 350V), Check for cracked solder joints on HV Board and power supply board (exp horz section).

---

## **ADDS**

---

ADDS 1010 12" Mono Terminal

Problem: Vertical Foldover

Solution: Replace C203 (100uf 16V)

---

ADDS 1010 12" Mono Terminal

Problem: Dead - Horz freq rising on collector of output when left on.

Solution: Replace Flyback (FDR11B-004)

---

ADDS 1010LJ 12" Mono Terminal

Problem: Dead - Smoking

Solution: Replace C319 (33uf 50V), C307 (2.7uf 50V BP)

---

## **AOC**

---

AOC 4NLr 14" SVGA FCC# ARSCM8200

Problem: No Video

Solution: Reflow CRT board, Restore picture tube.

---

AOC 7Hlr 17" SVGA FCC# HSUTRLON-1782

Problem: Dead

Solution: Replace C108 (100uf 50V), C137 (100uf 250V) Check for cracks on main board around flyback.

---

AOC CM-333MG 14" VGA FCC# ARSCM3330

Problem: Vertical Collapse

Solution: Reflow Yoke Plug

---

AOC CM-336 14" SVGA FCC# ARSCM3360

Problem: No horz sync

Solution: Replace C812 (100uf 16V), Reflow cracks on Main & CRT Boards, Adjust VR802 (48 KHz osc)

---

AOC CM-336 14" SVGA FCC# ARSCM3360

Problem: No high voltage

Solution: Replace Q803 (BUH515), C816(10uf 160V), C812 (100uf 16V), C811 (1uf 50V) Check for cracked solder joints every where-

AOC CM-347 14" SVGA FCC#HSUTRLRM-1464

Problem: No Blue

Solution: Replace IC801 (LM1203N), Reflow cracks all over CRT Board

---

AOC CM-536 14" SVGA

Problem: Power Cycling on and off

Solution: Replace C812 (100uf 35V) & check for cracked solder joints.

---

AOC MM-401

Problem: No high voltage

Solution: Reflow Q402 horz driver

---

## *Apple*

---

Apple Color Plus 14" Display #M1787

Problem: Power Cycling

Solution: Replace D709 (RU4D), Reflow Q706

---

Apple Multiple scan 15 Display #M2943 FCC#BJMCM15VB

Problem: Dead

Solution: Replace Power Switch

---

## *Arche*

---

Arche 217AX 17" SVGA FCC# IRH217AX

Problem: Colors Fluctuating

Solution: Reflow Cable Connectors (15 pin and BNC)

---

## *Arcus*

---

Arcus CM-1402 14" SVGA FCC# H79CM-1402

Problem: Wont sync

Solution: Replace IC303 (TC4556BP), Adjust V308.

---

Arcus DA-1765VA F 17" SVGA FCC# H79DA-1765

Problem: Power Cycling

Solution: Replace C206 (Ceramic 103m)

---

Arcus DA-1765VA F 17" SVGA FCC# H79DA-1765

Problem: No deguass

Solution: Replace R103 (5ohm 2 watt)

---

Solution:

## **AT&T**

---

AT&T 7134T 14" SVGA FCC#JVP7134T

Problem: Dead

Solution: Replace C322, C308, C317 (1uf 450V), Flyback (19.700026.001)

---

AT&T 7134T 14" SVGA FCC#JVP7134T

Problem: Dead

Solution: Reflow L602 (in primary side of power supply)

---

## **Aurora Vision**

---

Aurora Vision SM583 15" SVGA FCC# KTASM584

Problem: Power Cycling

Solution: Replace Q207 (C5129)

---

Aurora Vision SM584 14" SVGA

Problem: Dead

Solution: Replace F101 (3 amp 250V AGC), Reset circuit breaker switch (SW102)

---

## **Canon**

---

Canon S87-40000 14" SVGA FCC# EVOKD-1450G

Problem: Power Cycling

Solution: Replace on CRT Board R637 (47 ohm 1/4 watt), Q604 (C4732), Q603 (A1370), C623 (1uf 100V BP), R636 (5.6K 1/4 watt)

---

## **Capetron**

---

Capetron CDS423T 17" SVGA

Problem: Bottom half of screen is flickering

Solution: Replace C251 (10uf 250V), C235 (22uf 350V), C212 (1uf 50V)

---

## **Capetronic**

---

Capetronic CDM-9000 21" SVGA

Problem: Cycling

Solution: Replace Q206 (2SC4288A)

---

## **Cheer**

---

Cheer VC15E 15" SVGA FCC# FBBVC15

Problem: After a few minutes the monitor would lose all its contrast

Solution: Replace I7 (LM340T12) on CRT Board.

---

Cheer VC15E 15" SVGA FCC# FBBVC15

Problem: Dead

Solution: Replace D309, D310, Q317

---

Cheer VC15E 15" SVGA FCC# FBBVC15

Problem: Dead

Solution: Replace R509 (56Kohm).

---

## **Compaq**

---

Compaq 420 14" VGA FCC#CNT9R75218

Problem Shaking Vertical Size

Solution: Replcae IC202 (TDA1170N)

---

Compaq 420T 14" VGA FCC# GQBXXX4290

Problem: Dead

Solution: Replace C8 (220uf 250V)

---

Compaq 441-P 14 SVGA FCC# BR8SM-5515CP

Problem: Power Cycling

Solution: Replace Q809 (C4747)

---

Compaq 443 15" SVGA FCC# BR88SM-5515G-A

Problem: Dead

Solution: Replace Power switch.

---

Compaq 441-P 15" SVGA FCC# BR8SM-5515CP

Problem: Power Cycling

Solution: Replace Q809 (C4747), C815 (220uf 25V)

---

Compaq 446 15" SVGA FCC# BR8SM-548

Problem: No High Voltage

Solution: Replace Q801 (BSN254A)

---

Compaq 462 14" SVGA FCC#BR8SM-1457

Problem: Dead

Solution: Replace D927(UG4D)

---

Compaq 462 14" SVGA FCC#BR8SM-1457

Problem: Intermitent Horz shrinking and Pincushion

Solution: Replace C926 (100uf 250V), Reflow same area.

---

Compaq 471 14" SVGA FCC# CSYSC-428VX

Problem: Squigly Text

Solution: Replace C133 (100uf 16V)

---

## **Compuadd**

---

Compuadd 51086 14" VGA FCC# A3L9QNCJ468

Problem: Vertical expanded on 640x355 & 640x480, collapsed on 720x400

Solution: Replace VR402 (1K pot) on back board - (vertical size adjustment for (720x400))

---

Compuadd 51091 14" SVGA FCC# A3LCVB491

Problem: Vertical Foldover

Solution: Replace IC301 (TDA2653A)

---

## **Compudyne**

---

Compudyne CM48U 14" SVGA

Problem: Dead

Solution: Repair Burnt trace near power connector.

---

Compudyne KD-1440N 14" SVGA FCC# EVOKD-1440

Problem: Video size increased drastically when switching between modes for second or so (text is huge - characters about an inch high)

Solution: Replace IC201 (74LS86N)

---

Compudyne KD-1450T 14" SVGA FCC# EVOKD-1450T

Problem: Power Cycling

Solution: Replace R506 (10K ohm 1/2 watt), R507 (100K ohm 1/2 watt), R508 (180K ohm 1/2 watt), Flyback (61101)

---

Compudyne KD-1450T 14" SVGA FCC# EVOKD-1450T

Problem: Screen pink or blue

Solution: Replace all 1uf caps on crt board.

---



Compudyne KD-1500GN KDS 15" SVGA FCC# EVOKD-1500N

Problem: Dim & Blurry

Solution: Replace C252 (2.2uf 160V), C240 (1uf 50V BP), C225 (47uf 16V) & Restore picture tube.

---

Compudyne KD-1700V KDS 17" SVGA FCC# EVOKD-1700V

Problem: Power Cycling

Solution: Replace Q414 (MJW16212) (I substituted with a C4924)

---

Compudyne MD141+ 14" SVGA FCC# IIBMD-14S2

Problem: No Video - Power light on

Solution: Replace C435 (47uf 160V)

---

## **CTX**

---

CTX 1451 14" SVGA

Problem: Power Cycling

Solution: Replace Q701 (BU2520DF), C722 (47uf 50V), R434 (1.8 ohm)

---

CTX 1451 14" SVGA

Problem: Dead

Solution: Reflow power switch.

---

CTX 1451C 14" SVGA FCC# DBL1451C

Problem: Vertical Expanded

Solution: Reflow small board on underside of yoke

---

CTX 1451ES 14" SVGA FCC# DBLCMS-6451

Problem: Dead

Solution: Reflow Power Switch

---

CTX CPS-1560LR 15" SVGA FCC#DBLCPS-1560

Problem: Dead

Solution: Replace Q101 (K118), D102, R104 (.25ohm 1watt), F101 (3.15 amp GMA)

---

CTX CPS-1560LR 15" SVGA FCC#DBLCPS-1560

Problem: Horz width and pincusion will not adjust properly

Solution: Replace IC203 (C4557C)

---

CTX CPS-1560LR 15" SVGA FCC#DBLCPS-1560

Problem: Pincushioning intermitently

Solution: Replace C431 (10uf 250V)

---

CTX CPS-1560LR 15" SVGA FCC#DBLCPS-1560

Problem: Shakes - Takes about 5 - 6 seconds to power up.

Solution: Replace IC101 (UC3842AN) , C112 (100uf 25V), C1? (2.2uf 450V) towards rear of board on primary side.

---

CTX CPS-1560LR 15" SVGA FCC#DBLCPS-1560

Problem: Dead - Squealing

Solution: Replace D108 (BYM26C), D410(5THZ52), Q402 (A953), R441 (2.2 ohm 1/2 watt), C407 (432J - PP630)

---

CTX CPS-1560LR 15" SVGA FCC#DBLCPS-1560

Problem: Power Cycling

Solution: Replace Q103 (2SC3457), Q401 (2SC3886A)

---

CTX CPS-1560LR 15" SVGA FCC#DBLCPS-1560

Problem: Shakes

Solution: Replace C118 (100uf 350V), C115 (330uf 25V)

---

CTX CPS-1560LR 15" SVGA FCC#DBLCPS-1560

Problem: Heat related pincushion problems

Solution: Clean VR407 "Dirty Pot"

---

CTX CPS-1560LR 15" SVGA FCC#DBLCPS-1560

Problem: Pincusion when warm

Solution: Replace C427 (1uf 200V)

---

CTX CPS-1560LR 15" SVGA FCC#DBLCPS-1560

Problem: No Contrast Control

Solution: Reflow Contrast Pot Wire was loose

---

CTX CPS-1560LR 15" SVGA FCC#DBLCPS-1560

Problem: Dim picture - vertical size expanded - squigly text

Solution: Replace C123 (10uf 250V), C427 (1uf 200V).

---

CTX CPS-1560LR 15" SVGA FCC#DBLCPS-1560

Problem: Pincushion and width to wide

Solution: Replace Q408 (YTF630), Reflow whole section Especially the width pot. Vr401 and the cap on the back of the board connected to it. also reflow L406 with high heat.

---

CTX CMS-1561 15" SVGA

Problem: Screen Wiggles

Solution: Replace C802 (.0047uf Mylar)

---

CTX CMS-1561 15" SVGA

Problem: Dead

Solution: Replace Q101 (2SK955), ZD101 (18V Zener), R114 (.39 ohm 2 Watt), F101 (2.5 amp AGC)

---

CTX 1562CLR 15" SVGA FCC# DBL1562C

Problem: Dim & Bad color

Solution: Replace all 1uf caps on CRT board, Restore picture tube. (Sencore CR70 or CR7000)

---

CTX 1562CLR 15" SVGA FCC# DBL1562C

Problem: No control of brightness - raster high

Solution: Reflow Q415

---

CTX 1562CLR 15" SVGA FCC# DBL1562C

Problem: Power Cycling

Solution: Replace Q401 (BU2520DF) also reflow L402

---

CTX 1562CLR 15" SVGA FCC# DBL1562C

Problem: Horz width and pincushion out

Solution: Reflow L402

---

CTX 1565D 15" SVGA FCC#DBL1565D

Problem: Intermittently powers off.

Solution: Replace Q701 (C4924), C702 (100uf 50V), C710 (224J) mylar cap located in middle of board.

---

CTX 1565D 15" SVGA FCC#DBL1565D

Problem: Color bands down left side of screen.

Solution: Check and / or Replace all the 1uf caps on CRT Board. Normally there will be 10 to 12 bad 1uf caps on the board.

---

CTX 1565D 15" SVGA FCC#DBL1565D

Problem: Cannot adjust - Push button controls on front do not work.

Solution: Retention screws holding panel in or slap the front panel hard a few times that will reseal the switch's. I always just slap the front.

---

CTX 1565D 15" SVGA FCC#DBL1565D

Problem: Dead or shaking horz.

Solution: Replace Q701 (C4924), C702 (100uf 50V)

---

CTX 1565D 15" SVGA FCC#DBL1565D

Problem: Blue band down left edge of screen

Solution: Replace C607 (1uf 50V)

---

CTX 1565D 15" SVGA FCC#DBL1565D

Problem: No Control of Width or Pincushion, very narrow screen

Solution: Replace D407 (HER303)

---

CTX 1565GM 15" SVGA FCC#DBL1565

Problem: Blurry, can focus but after an hour or so starts to blur again.

Solution: Replace Flyback transformer (Sampo FEA-345, "47f13-0390")

---

CTX 1565GM 15" SVGA FCC#DBL1565

Problem: Dim Blurry Picture

Solution: Replace C639 (1uf 160V), C609 (1uf 160V), C669 (1uf 160V)

---

CTX 1565GM 15" SVGA FCC#DBL1565

Problem: No high voltage

Solution: Replace Q416 (K890), D417 (1N4004)

---

CTX 1760DF 17" SVGA

Problem: Shaking

Solution: Replace C125,C124,C113 in power supply C425,C403 on main board, C626,C653,C607,C609,C611 on CRT Board.

---

CTX CPS-1760LR 17" SVGA FCC#DBLCPS-1760

Problem: No High Voltage

Solution: Replace Q401 (HPA100), Q412 (C4769), check for cracked solder joints on power supply connectors.

---

CTX CPS-1760LR 17" SVGA FCC#DBLCPS-1760

Problem: No control of horz width - pincushion

Solution: Replace Q305 (D386A), Also check the following Q304 (C3468), D410 (1N4004), 47uf 250v Cap at rear of board which was a rework after thought.

---

CTX CPS-1760LR 17" SVGA FCC#DBLCPS-1760

Problem: Dead

Solution: Replace Q101, D112, F101, & Reflow connectors and daughter board in power supply.

---

CTX 1765GMe 17" SVGA FCC# DBL1765GM

Problem: Blanks Out

Solution: Reflow power transformer on power supply board.

---

CTX 1765GMe 17" SVGA FCC# DBL1765GM

Problem: Intermittently flashes vertical lines on screen.

Solution: Reflow CRT - Video Logic board.

---

CTX 1765GMe 17" SVGA FCC# DBL1765GM

Problem: Dead - Arcing

Solution: Reflow power transformer.

---

CTX 1765LR 17" SVGA

Problem: Intermittent Flicker

Solution: Repair cracked solder joints in power supply.

---

CTX CVP-5439A 14" VGA

Problem: No Green

Solution: Replace Q605 (C3788)

---

CTX CVP-5468A 14" SVGA FCC# DBLCVP-5468A

Problem: Color to Green

Solution: Replace C613, C614, C615, C616 (10uf 160V)

---

CTX CVP-5468A 14" SVGA FCC# DBLCVP-5468A

Problem: Blurry & Bad Color

Solution: Replace C613, C614, C615 (10uf 160V)

---

CTX CVP-5468A 14" SVGA FCC# DBLCVP-5468A

Problem: Dim fuzzy video

Solution: Replace C613, C615 (10uf 160V), Restore picture tube.

---

CTX CVP-5468A 14" SVGA FCC# DBLCVP-5468A

Problem: Dead

Solution: Replace F101 (2.5 amp GMA), PR101 (96524) "posistor"

---

CTX VL500 15" SVGA FCC#DBL1569S

Problem: Power Light Orange

Solution: Reflow Q106

## **Daytek**

---

Daytek DT-14SINE 14" SVGA

Problem: Vertical Collaspe

Solution: Reflow Vertical Section.

---

Daytek DT-1730 17" SVGA FCC#EWBOC1730

Problem: Dead

Solution: Reflow main logic board cracks every where!

---

## **Dell**

---

Dell D1528-LS 15" SVGA FCC# H4ICM15006

Problem. Video shut off after warm up

Solution: Replace IC701 (Z0860204PSC), IC702 (MTV003N), IC703 (93C56)

---

Dell DL-1428 14 SVGA FCC# HSUTRLCX-1469

Problem: Dead

Solution: Reflow power switch.

---

Dell DL-1439 14" VGA FCC#HSUTRLCX-1469

Problem: No Power

Solution: Reflow Power Switch

---

Dell DL-1439 14" VGA FCC#HSUTRLCX-1469

Problem: Vertical Collapse

Solution: Replace IC301 (TDA1675), C303 (2200uf 25V), R306 (2.4ohm 1watt)

---

Dell DL-1460NI 14" SVGA FCC# HSUTRLCN-1470

Problem: Dead

Solution: Replace Q613 (C3467), Q614 (A1370), D607 & D608 (1N4148) all located on CRT Board

---

Dell DL-1460NI 14" SVGA FCC# HSUTRLCN-1470

Problem: No Video

Solution: Replace Q613 (C2705), Q614 (A1145), D607 & D608 (1N4148), R653 (2.2K ohm 1/4 watt), R665 & R666 (33ohm 1/4 watt)

---

Dell P1428U 14" SVGA FCC# BGBSD45441C

Problem: No High Voltage

Solution: Replace R562 (3.3Kohm), (Reflow Q506, Q521, Flyback & Video Cable Connectors).

---

Dell VC1 14" SVGA

Problem: Purple or Pink Characters

Solution: Restore Picture Tube (Sencore CR70 or CR7000)

---

Dell Vi1428U 14" SVGA FCC# H41CM14008

Problem: Power Cycling

Solution: Replace Q403 (C4742), C424 (33uf 160V), C818 & C820 (47uf 250V), C428 (10uf 160V)

---

Dell Vi1428U 14" SVGA FCC# H41CM14008

Problem: High Raster cannot adjust

Solution: Replace R439 (2 meg ohm 1/4 watt)

---

Dell Vi1428U 14" SVGA FCC# H41CM14008

Problem: Has Hum Bar running vertical down middle of screen about 2 inch's wide

Solution: Replace C818,820 (47uf 160V)

---

## **Digital**

---

Digital PCXBV-PE 14" SVGA FCC#H4ICM14010

Problem: Pincushion - No horizontal width adjustment.

Solution: Replace C457 (4.7uf 50v HFNP)

---

Digital PCXBV-PE 14" SVGA FCC#H4ICM14010



Problem: No Video

Solution: Replace C466(22uf 160V), C459(10uf 50V), C901 - C903 - C933 (1uf 100V), C994(47uf 200V)

---

Digital PCXBV-PE 14" SVGA FCC#H4ICM14010

Problem: Jumping -Partial vertical collapse

Solution: C466 (22uf 160V), C459 (10uf 50V), C825 (47uf 250V), C818 (100uf 250V), I302 (TDA8172).

---

Digital PCXBV-PE 14" SVGA FCC#H4ICM14010

Problem: Dead

Solution: Replace D830 (1N5406), F801 (4amp GMA)

---

Digital PCXBV-PE 14" SVGA FCC#H4ICM14010

Problem: High Green Raster

Solution: Replace C933 (1uf 200v), R940 (5K pot), also check C903, C901 (1uf 200V), C994 (47uf 200V)

---

Digital PCXBV-PE 14" SVGA FCC# H4ICM14010

Problem: Shakes - Vertical Linearity way off

Solution: Replace C823 & C824 (1000uf 35V)

---

Digital PCXBV-PE 14" SVGA FCC# H4ICM14010

Problem: No High Voltage

Solution: Replace D823 (1N4148)

---

Digital PCXBV-PE 14" SVGA FCC# H4ICM14010

Problem: No high voltage

Solution: Replace Q808 (K526), Q402 (C4770), C849 (47uf 250V).

---

Digital PCXBV-PE 14" SVGA FCC# H4ICM14010

Problem: Dim or no video

Solution: Replace C466 (22uf 160V), C459 (10uf 50V) & R477 (47Kohm 1/2 watt) a small change in value will make a big difference.

---

Digital PCXBV-PF 14" SVGA FCC# H4ICM14013

Problem: Shakes

Solution: Replace C821 (470uf 35V), C841 (100uf 25V), C842 (100uf 25V), C828 (1000 16V), R845 (cracked solder joint)

---

Digital PCXBV-PF 14" SVGA FCC# H4ICM14013

Problem: Vertical Scroll after warmup

Solution: Replace IC701 (Zilog Z0960204PSC) also may have to replace IC703 (93C56) eeprom.

---

Digital PCXCV-GE 14" SVGA FCC# BEJCQ465

Problem: Dead

Solution: Replace Q905 (A1837)

---

Digital PCXCV-GE 14" SVGA FCC# BEJCQ465

Problem: Power Cycling

Solution: Replace Q706 (BU2508DF), Q905 (A1837)

---

## **DTK**

---

DTK CDD-1401 14" SVGA

Problem: Picture Flickers

Solution: Replace the 3 (4.7uf 250V) caps on Crt Board. Reflow cracked solder joints.

---

DTK LM-2714 14" SVGA

Problem: Turns purple intermitently

Solution: Reflow CRT Board.

---

## **Edison**

---

Edison 1428SV 14" VGA

Problem: Vertical Collaspe

Solution: Reflow vertical section & Yoke plug

---

Edison 1428SV 14" VGA

Problem: Cannot adjust Pincusion

Solution: Replace Q701 (B1086A)

---

## **EMC**

---

EMC ET-1418 14" Mono VGA FCC# FBBU5502960

Problem: Dead-Smoking

Solution: Replace C613 (2.2 50V BP)

---

## **Emerson**

---

Emerson 1445EM 14" VGA FCC# A7RM250A

Problem: Vertical Collapse

Solution: Replace R4212 (4.8 ohm 3 watt)

---

## **Epson**

---

Epson E1181A 14" VGA

Problem: Dead

Solution: Check all caps in power supply almost all will be bad.

---

## **EZ Teller**

---

EZ Teller #MD-935 10" SVGA Mono FCC# KJTVT-106

Problem: Dead

Solution: C617 (2.2J 100V)Mylar Cap, burnt yoke plug "Hard Wire"

---

## **Gateway 2000**

---

Gateway 2000 1024NI #LX1451 14" SVGA FCC# BGCLX1451

Problem: Changing to a high raster after warmup.

Solution: Reflow CRT Socket ( G1 line)

---

Gateway 2000 1024NI #LX1451 14" SVGA FCC# BGCLX1451

Problem: Power Cycling

Solution: Replace D501 (1N4936)

---

Gateway 2000 CS1024NI2 14" SVGA FCC# IAWLX1450

Problem: High Raster

Solution: Replace D506 (1N4935), C507 (1uf 50V)

---

Gateway 2000 CS1024NI2 14" SVGA FCC# IAWLX1450

Problem: Shaking

Solution: Reflow cracked solder joints under RF shield by flyback.

---

Gateway 2000 CS1572FS 15" SVGA FCC# IAWLX1564

Problem: Dead

Solution: Replace C430 (103K 100V Ceramic)

---

Gateway 2000 CS1572FS 15" SVGA FCC# IAWLX1564

Problem: No Video

Solution: Reflow Q105 & R302

---

Gateway 2000 CS1776LE 17" SVGA FCC# IAWDX17F

Problem: Dead

Solution: Replace Q109 (C4747), C134 (7n5 J 1600V), C123 (1uf 50V)

---

Gateway 2000 PMV1448 14" SVGA FCC#IAWPMV1488

Problem: Screen Jumping- jittering

Solution: Reflow horz section.

---

Gateway 2000 PMV1448 14" SVGA FCC#IAWPMV1488

Problem: Vertical Collapse or Size shrunk

Solution: Replace IC201 (TDA1675)

---

## **GEM**

---

GEM SM584 15" SVGA FCC# KTASM584

Problem: Text Squished on right side.

Solution: Replace Q219 (IRF640)

---

## **Goldstar**

---

Goldstar 1210A 12" Mono MDA FCC# BEJ9QKMBM2115

Problem: No video

Solution: Replace C303 & C304 (100uf 10V), C603 (100uf 16V), C705 (220uf 25V)

---

Goldstar 1430VGA 14" VGA FCC#BEJ9QKMCH4335

Problem: Vertical Collapse

Solution: Replace R726 (2.2ohm 1/2 watt)

---

Goldstar 1460 plus 14" SVGA

Problem: Power light on- No high voltage

Solution: Replace IC301 (TDA1180P), C807 (10uf 250V)

---

Goldstar 1520 14" SVGA FCC#BEJCS556

Problem: Intermitently powers off.

Solution: Replace Q901 (C2705), C915 (47uf 35V).

---

## **GVC**

---

GVC M1558L 14" SVGA FCC# DK4M1556

Problem: Changing Colors

Solution: Reflow CRT Board

---

## **Hewlett Packard (HP)**

---

HP D1196A 14" SVGA FCC# CSYT-500

Problem: No High Voltage

Solution: Replace Q304 (HPA72 R3)

---

HP D1196A 14" SVGA FCC# CSYT-500

Problem: Lose's vertical sync after warmup

Solution: Replace IC201 (TDA9102C)

---

## **Hitachi**

---

Hitachi CM1587M 14" SVGA

Problem: Dead

Solution: Reflow Cracked solder joints on main and crt boards.

---

Hitachi Super Scan Pro 20 #CM2087MU 20" SVGA

Problem: Dead

Solution Replace Q707 (C3998), After the unit powered up it was still in vertical collapse replacing IC601 (UPC1498H) fixed the problem.

---

## **Hyundai**

---

Hyundai HCM-402C

Problem: Screen flickers after about an hour.

Solution: Reflow main logic board.

---

## **IBM**

---

IBM 2248-R01 14" SVGA FCC# ARSCM3461

Problem: Dead

Solution: Replace Q708 (A952), Q709 (D669A), R738 (1.8K ohm), D421 (BYM26E)

---

IBM 3472-4 14" Color Terminal

Problem: Bright raster cannot adjust

Solution: Replace R840 or R839 or R835 (750K ohm 1/2 watt) one of the three will open.

---

IBM 3472-4 14" Color Terminal

Problem: Dead

Solution: Replace power switch, positor and reflow yoke connector.

---

IBM 4707 12" mono VGA

Problem: Vertical Scrolling

Solution: Replace IC401 (TDA1170S)

---

IBM 5151 12" MDA

Problem: Vertical Size to small

Solution: Repalce C405 (10uf 35V)

---

IBM 5151 12" MDA

Problem: Dim

Solution: Replace C506 (220uf 25V)

---

IBM 6312-001 14" SVGA FCC# C5F7NF13CM23

Problem: Vertical Collapse

Solution: Reflow IC402

---

IBM 6324-001 14" SVGA FCC# ANO6324

Problem: Changing Colors

Solution: Repair cracked solder joints on CRT board.

---

IBM 6327-023 17" SVGA FCC# ANO6327

Problem: Vertical foldover on top half. or Squished on bottom half.

Solution: Replace Z302 (TDA8351) Vertical IC

---

IBM 6542-103 14" SVGA FCC# ANO65421

Problem: Vertical Foldover - Squished at top - Streched at bottom

Solution: Reflow Vertical section.

IMB G50 6543-301 14" SVGA FCC# ANO6543

Problem: Dead

Solution: Replace CR113 (MICBR66), R102 & R105 (1.5 ohm 1 watt), C164 (1000uf 25V)

---

IBM 8503 12" Mono VGA FCC# BJM9UBMM1232

Problem: No Video

Solution: Replace C422 (100uf 25), C418 (1uf 350V), Restore picture tube & check yoke plug for cracked solder joints.

---

IBM 8513-001 12" VGA

Problem: Dead or Intermittent Power

Solution: Reflow Power connector & crt socket.

---

## **Imtec**

---

Imtec 1252-G 12" mono FCC# A3L9QN1252G

Problem: No High Voltage

Solution: Replace IC301 (TDA1180P)

---

Imtec 1252-G 12" mono FCC# A3L9QN1252G

Problem: No Video

Solution: Replace C522 (47uf 10V), IC501 (DM7406N)

---

Imtec 1252-G 12" mono FCC# A3L9QN1252G

Problem: Dim, Horizontal squished on left side.

Solution: Replace C321 (4.7uf 50V), C402 (1uf 250V), C422 (220uf 25V), C522 (47uf 10V).

---

Imtec 1457W 12" MDA FCC# A3L9QNGSJ

Problem: No Video

Solution: Replace C612 (470uf 25V), C613 (47uf 160V), C610 (100uf 25V)

---

## **Insync**



Insync 1428NI 14"SVGA FCC# ARSCM8200

Problem: Power cycling

Solution: Replace Q405(BU2520DF), C433 (4.7uf 350V), C415 (10uf 160V)

---

## **Intergraph**

---

Intergraph MDSP1260A 20" Fixed Rate Monitor

Problem: Dead

Solution: Replace High voltage power supply (Rantec CDF-27-01) (Rantec Inc. 1-805-528-5858) Monitor sync's on 31.5 Khz Horz. & 76 Hz Vert. The power supply is a epoxy sealed unit.

---

## **Kanaka**

---

Kanaka GV-1484HMG 14" SVGA FCC# HZ4GV-4148

Problem: Dead

Solution: Replace D101 (1N5406), F101 (3.15 amp GMA)

---

## **KLH**

---

KLH MN275-1 14" VGA FCC# C5F7NF13CM16

Problem: Horz and Vert Sync problems could not adjust for all freq.

Solution: Replace IC601 (74HCT86N)

---

## **Leading Technology**

---

Leading Technology 1458V 14" VGA FCC# A3L9QNCJ468

Prob. Vertical Collaspe

Solution: Replace IC401 (TDA2653A)

---

## **LEE Data**

---

LEE Data 1191 12"mono Terminal

Problem: Dead

Solution: Replace 470uf 50v wired to rear side of power supply, C314, C315, C316, C317, C312, C303, C306, & fuse on main board.

---

## **Macintosh**

---

Macintosh Color Display #M1212 14" SVGA (Macintosh)

Problem: Dead

Solution: Reflow power connector

---

## **MAG**

---

MAG DX15F 15" SVGA FCC# IAWDX15F

Problem: Power Cycling

Solution: Replace D507 (BY329), D508 (31DF6), C531 (.47uf 50V)

---

MAG DX15F 15" SVGA FCC# IAWDX15F

Problem: No Video

Solution: Reflow CRT Connector

---

Mag DX17T 17" SVGA FCC# IAWDX1768SL

Problem: Power Cycling

Solution: Replace Q903 (D1651), Q906 (K526), ZD901 (12V 1/2 watt)

---

Mag DX1795 17" SVGA FCC#IAWDX17FG

Problem: Dead

Solution: Replace Q504 (C5048), Cracked solder joints on flyback and horz section.

---

Mag MX15H 15" SVGA FCC# IAW15F

Problem: Power Cycling

Solution: Replace Q503 (C3886A)

---

## **Magitronic**

Magitronic C-SV1428A 14" SVGA FCC# H4ICM14003

Problem: Dead

Solution: Replace D801(LT2A006), F801 (4amp GMA), C818,C820 (47uf 250V), C823 (470uf 16V)

---

## **Magnavox**

---

Magnavox Magnascan/20 20CM64 BE01 20" SVGA FCC#A3KM020

Problem: No High Voltage

Solution: Replace 7605 (BU2525A), 7615 (BUV28A)

---

Magnavox Magnascan/20 20CM64 BE01 20" SVGA FCC#A3KM020

Problem: Power Cycling

Solution: Replace 7605 (BU2525A), 7615 (BUV28A), 2608 (10uf 100V), 2628 (1.0K 100mpp Mylar Cap), 5604 Coil Burnt up (71300)?

Magnavox CM2099JS01 14" SVGA FCC# A3KM043

Problem: Dead

Solution: Reflow 7153 Trans Located on Back Metal Plate.

---

## **Memorex**

---

Memorex 1191E 14" mono terminal

Problem: Horz. Linearity

Solution: Replace C315 (1uf 50V), C316 & C317 (4.7uf 100V), C312 (1uf 50V), C303 (4.7uf 50V), C300 (470uf 25V)

---

Memorex 1191E2 14" Mono Terminal

Problem: Vertical Foldover on top

Solution: Replace C206 (100uf 25V), C306 (470uf 16V).

---

Memorex 1192F 12" Mono Terminal

Problem: Screeching from power transformer.

Solution: Replace 2143 (47uf 35V), 2116 (22uf 50V), 2436 (10uf 160V) 2444(220uf 16V)

---

Memorex 2178/2191 12' Mono Terminal

Problem: Shakes - screen distorted

Solution: Check all eletrolytic caps on main board and power supply board (sometimes there all bad) Also you may have to break pots loose so they make good connection.

---

Memorex 2179-1 Color Terminal

Problem: Vertical foldover on top

Solution: Replace C412 (4.7uf 160V) C413 (47uf 25V)

---

## **Microscan**

---

Microscan LM-1448 14" SVGA FCC# BR8LM-1448N

Problem: Vertical foldover on bottom- Collapse on top half

Solution: Reflow U601 Vertical IC (TDA4866)

---

Microscan 4V LM-1564 15" SVGA FCC# BR8LM-1564

Problem: No Video in 640 x 480 or below

Solution: Replace IC's on IC101 board, IC103 (SN74LS08N), IC104 (SN74LS86AN), IC105 (TDA8444P)

---

## **Micro Q**

---

Micro Q Q1460 14" SVGA

Problem: Shrinks, Shakes, Vades Out

Solution: Reflow CRT and Heater Path

---

## **Mitsuba**

---

Mitsuba E462D 14" SVGA FCC# GKR462D

Problem: Video Goes blank after warm up

Solution: Reflow CRT Board Connectors, C528

---

## **Mitsubishi**

Mitsubishi AUM-1381A 14" SVGA FCC# BGB9JBAUM-1381A

Problem: Dead

Solution: Replace Q902 (C2236), F901 (3.15 amp GMA).

---

Mitsubishi Diamond Scan 17FS #FFY7705SKTK 17" SVGA

Problem: Dead

Solution: Replace Q503, Q534

---

Mitsubishi Diamond Scan HL6605TK 15" SVGA

Problem: No High Voltage

Solution: Replace Q411 (2SD921), Q507 (C3688)

---

Mitsubishi HL6905ATK 20" SVGA

Problem: Dead

Solution: Reflow all boards-cracked solder joints everywhere!!!

---

Mitsubishi HL6935ATK 20" SVGA

Problem: Intermittently shuts down.

Solution: Reflow all Boards

---

## **NCR**

---

NCR 0271 14" SVGA FCC# H4ICM15001

Problem: Power Cycling

Solution: Replace Q406 (C4747), C427 (22uf 50V)

---

## **NEC**

---

NEC JC-1404HMA-2 FCC# A3DJC-1404HMA

Problem: Tries to come up then dies

Solution: Check all caps on secondary side on power supply board.

---

NEC JC-1431VMA 14" SVGA

Problem: No high voltage

Solution: Replace Q403 (C3893A), Q405 (B1375)

---

NEC Multisync 2V JC-1432VMA 14" SVGA FCC#E80TE1466

Problem: Dead - Smoking

Solution: Replace R980 (1.5 ohm 2watt), R981 (10K ohm 1/4 watt)

---

NEC JC-1601VMA 16" SVGA

Problem: Dead

Solution: Replace Q560 (C3688), Q5P0 (K758) Can Substitute IRF740 or IRF840 for K758

---

NEC JC-1601VMA 16" SVGA

Problem: Dead

Solution: Replace F601 (6.3 amp) , TH601 Posistor

---

NEC JC-1734VMA 17" SVGA

Problem: Blurry - If adjusted, will blur again after a couple of hours.

Solution: Replace Flyback (4710-5698)

---

## **Optiquest**

---

Optiquest 7031 14" SVGA FCC# FVI7031

Problem: Dead

Solution: Replace D701 (RG2K), Flyback (19.70006.001)

---

## **Orchestra**

---

Orchestra Trumphet 14" SVGA FCC# EVOKD- 1450G

Problem: Left side of screen fades to purple

Solution: Replace C624, C625, C626 (1uf 160V), C623, C634, C629 (1uf 50V)

---

## **Packard Bell**

---

Packard Bell 1010 14" SVGA FCC# DK4M1448

Problem: No Video

Solution: Replace C128 (100uf 160V), C319 (22uf 25V)

---

Packard Bell 1020 14" SVGA FCC#BJMCM14UH

Problem: Tries to come up and dies.

Solution: Replace C430 (10uf 250V Cap)

---

Packard Bell 1272A 12" MDA

Problem: Dead

Solution: Replace D601

---

Packard Bell 1401S 14" SVGA FCC#BEJCP400

Problem: Vertical Collapse

Solution: Replace IC601 (TDA4865), R612 (10ohm 1/2 watt).

---

Packard Bell 1402S 14" SVGA FCC#BJMCM14SP

Problem: Dead - Have Power Light

Solution: Replace I201 (74LS86P)

---

Packard Bell 1402S 14" SVGA FCC#BJMCM14SP

Problem: Cant adjust pincushion

Solution: Replace Q405 (B1375)

---

Packard Bell 1402S 14" SVGA FCC#H4ICM14012

Problem: No Video

Solution: Replace C812 (47uf 160V)

---

Packard Bell 1412SL 14" SVGA FCC# BJMCM14UP

Problem: Squeals - Sounds like something is shorting

Solution: Reflow C416, Yoke plug, CRT board. Check for cracked solder joints everywhere.

---

Packard Bell 1511SL 15" SVGA

Problem: Near Horz. Collapse - cannot adjust

Solution: Replace R448, Reflow Q405

---

Packard Bell 2020 14" SVGA FCC# DK42020

Problem: No Video - Orange Light

Solution: Reflow D307 on heat sink next to horz. output.

---

Packard Bell A940-A10A 14" SVGA FCC#FOD6028AI0

Problem: No Red

Solution: Replace I501 (LM1203AN)

Note: This is an all in one computer and monitor.

---

Packard Bell PB8528SVG 14" SVGA

Problem: Dead

Solution: Reflow Power Connector - Reflow CRT Board

---

Packard Bell PB8531V 14" VGA FCC# A3L9QNCJ468

Problem: Vertical Foldover

Solution: Replace C408 (100uf 35V)

---

Packard Bell PB8531V 14" VGA FCC# A3L9QNCJ468

Problem: Dead

Solution: Replace power switch.

---

Packard Bell PB8537SVGA 14" SVGA FCC# BEJCQ452B

Problem: Dead

Sol. Replace F901 (2 amp GMA), TH901 Posistor

---

Packard Bell PB8538SVGA 14" VGA

Problem: Lose Video after warmup.



Solution. Reflow Heater connection on CRT board

---

Packard Bell PB8538SVGA 14" VGA

Problem: Shakes

Solution: Reflow CRT Board and Yoke Plug

---

Packard Bell PB8541VG 14" VGA

Problem: Dead

Solution: Replace IC901 (STR53041), R902 (3.3 ohm 7 watt)

---

Packard Bell PB8548SVGL 14" SVGA FCC#BJMCM14BA

Problem: No power - If you push button repeatedly it will come up but shakes horizontally

Solution: Replace Q405 (B1375), Q403 (C3893A)

---

## **Philips**

---

Philips 1436LE GY01 14" SVGA

Problem: Vertical Folder Over

Solution: Replace Cap 2514 (4700uf 25V)

---

## **Princeton**

---

Princeton Ultra 17 17" SVGA FCC#IAWDX17F

Problem: Power Cycling

Solution: Replace L105 (T\*1-281-103-\*)"available from CCS", Q109 (C5048), C123 & C120 (1uf 50V), Q116 (IRF740) also check R177 (1 ohm 2 watt) & D116.

---

## **Proview**

---

Proview Multisystems PV-7721M 17" SVGA FCC# IJEPV-7721M

Problem: Power Cycling

Solution: Replace Q615 (C5251)

---

Proview Multisystems PV-7721M 17" SVGA FCC# IJEPV-7721M

Problem: Dead

Solution: Replace IC502 (KA3842B)

---

## **Qume**

---

Qume 101+ 12" Mono Terminal

Problem: Vertical expanded when cold - Returns to normal when it warms up

Solution: Replace C104 (1uf 50V NP)

---

Qume 101+ 12" Mono Terminal

Problem: Dead

Solution: Replace Power Transformer.

---

Qume 101+ 12" Mono Terminal

Problem: Bad Horz Phase

Solution: Replace C104 (1uf 50V HFNP)

---

## **Raster Ops**

---

Raster Ops CM2085MU 20" SVGA Multisync

Problem: Shakes

Solution: Replace C633 (10uf 50V), C617 (33uf 16V), C727 (1uf 50V), C772 (1uf 160V), C744 (22uf 160V), C743 (10uf 50V), C781 (22uf 160V), C761 (4.7uf 200V)

---

## **Relisys**

---

Relisys RM9505 12" MONO VGA FCC# J4RTMM14V

Problem: Dead

Solution: Replace D802 (1N4007), F801 (2 amp GMA).

---

## **Royal**

---

Royal CM-1469 14" SVGA FCC# HSUTRLCM-1469

Problem: Line in screen

Solution: Cracked solder joints in vertical section and crt board.

---

## Samsung

---

Samsung CQA4147 14" SVGA FCC# CSYSC-428PS

Problem: Horz width narrow- Pincushioned and can't adjust

Solution: Reflow Q406 - hard to see

---

Samsung CST7687L 14" VGA

Problem: Power Cycling

Solution: Replace Q407 (IRF740), Q406 (VN0606M), D406 (UF5404)

---

Samsung CVM4967T 14" VGA FCC# A3LCVT485

Problem: Pincushion cant be adjusted

Solution: Replace C207(.47uf 50V), IC202 LM358

---

Samsung CVM4967T 14" VGA FCC# A3LCVT485

Problem: Vertical Collapse

Solution: Replace IC301 (LA7831), C301 (330uf 25V), C316 (1uf 50V), C303 (100uf 35V)

---

Samsung CVM4967T 14" VGA FCC# A3LCVT485

Problem: Bad vertical linearity

Solution: Replace C301 (330uf 25V), C303 (100uf 35V)

---

Samsung CVM4967T 14" VGA FCC# A3LCVT485

Problem: Dead

Solution: Reflow power switch (very common problem in this model)

---

Samsung ML457 14" MonoVGA FCC#A3LML457R

Problem: Dim - Vertical collapse on top half.

Solution: Replace C517 (330uf 25V), Restore picture tube.

---

Samsung ML4571 14" VGA

Problem: Dim Video

Solution: Replace C517 (330uf 25V)

---

## **Samtron**

---

Samtron SC-431V II 14" VGA FCC# CSYSC-431VA

Problem: Dim

Solution: Replace C129 (100uf 16V)

---

## **Sherwood**

---

Sherwood 6030ET 12" Mono Terminal

Problem: Smoking

Solution: Replace C416 (3.3uf 25V NP)

---

## **Socos**

---

Socos DCM-1458-E 14" SVGA FCC# H79DCM-1458

Problem: No video - Arching surge supressor on crt board

Solution: Replace picture tube.

---

Socos DCM-1488-E 14" SVGA FCC# H79DCM-1488

Problem: Will not sync on 640 x 480

Solution: Replace IC303 (LM393AN)

---

Socos DCM-1588VA E 15" SVGA FCC# H79DCM-1588

Problem: Dead

Solution: Cracked solder joints and blown trace near near power connector off of FL01.

---

## **Sony**

---

Sony Multiscan HG CPD-1604S 16" SVGA

Problem: Pincushioning & Vertical Collapse after being on for a while

Solution: Reflow Main & CRT board.

---

Sony Multiscan HG CPD-1730 17" SVGA

Problem: Picture to blue.

Solution: Replace IC502 (VPS07T)

---

Sony CPD-1791 17" SVGA FCC# AK8CPD1604S

Problem: Redish - Blurry Picture

Solution: Restore Picture Tube

---

## **Sunshine**

---

Sunshine CM-17C 17" SVGA

Problem: Power Cycling

Solution: Replace Q607 (IRF-740), Q410 (ECG 2354)

---

Sunshine CM-17C 17" SVGA

Problem: Cannot adjust Horz. Width

Solution: Replace Q416 (D1138)

---

## **SuperMatch**

---

SuperMatch CDM-4710 17" (MAC)

Problem: Intermitently power off

Solution: Reflow power supply board - reflow power switch wire connector.

---

SuperMatch CDM-4710 17" (MAC)

Problem: No high voltage

Solution: Replace Q302 (C3688), C332 (10uf 350V), C136 (1000uf 16V)

---

## **Super View**

---

Super View TE1564M 15" SVGA FCC# E80TE1564

Problem: Power Cycling

Solution: Replace C529 (33uf 160V), Q513 (BU2525AF)

---

## **Tatung**

---

Tatung MM-1201 12" MDA

Problem: No High Voltage

Solution: Replace Q102 (BU806)

---

Tatung CM-1498X 14" SVGA FCC# BJM9UBCM3F15

Problem: Horz Collapse

Solution: Reflow yoke plug,

---

## **Textronix**

---

Textronix XP17 14" Color Terminal

Problem: Dead

Solution: Replace C4 (47uf 25V) on daughter Board in power supply.

---

Textronix XP17 14" Color Terminal

Problem: Dead - Arching

Solution: Replace Flyback (7334021402207)

---

Textronix XP17 14" Color Terminal

Problem: Color Bleeding "smearing"

Solution: Replace C238, C239, C240 (10uf 200V), C218 (10uf 50v)

---

## **Triad**

---

Triad 210 12" Mono Terminal

Problem: Dead

Solution: Replace D102, R103, Check all caps on SMPS Board

---

## **Tystar**

---

Tystar TY-1764 17" SVGA

Problem: Power Cycling

Solution: Replace C541 (220uf 250V), Small coil next to it, check all caps on secondary side of power supply.

---

## **Unisys**

---

Unisys 7033 14" SVGA

Problem: Power cycling

Solution: Replace C609 (100uf 25V)

---

## **View Magic**

---

View Magic VC1024 14" SVGA

Problem: Dead

Solution: Reflow power switch.

---

## **ViewSonic**

---

ViewSonic 1 7031 14" SVGA FCC# FVI7031

Problem: No high voltage

Solution: Replace C321 (.68J 250V), Check Horz. Output

---

ViewSonic 4 TX-14H10PTK 14" SVGA FCC# ACJ925121102

Problem: No High Voltage (Squeals)

Solution: Replace Q560 (D1849)

---

ViewSonic 6 TX-14H30PTK 14" SVGA

Problem: No high voltage

Solution: Replace D863 (HER103).

---

## **V-Tech**

---

V-Tech 1076SV 14" SVGA FCC# BEJCQ430A

Problem: Vertical Collapse

Solution: Reflow Yoke Plug

---

V-Tech 6448/41V 14" VGA FCC# BEJCV432

Problem: Vertical Collapse

Solution: Reflow IC 601 "Vertical IC"

---

## **Wyse**

---

Wyse WY-30 12" Mono Terminal

Problem: No Communication

Solution: Replace U27 (MC1488N), U28 (MC1489N)

---

Wyse WY-30 12" Mono Terminal

Problem: No Video

Solution: Replace C209 (220uf 35V)

---

Wyse WY-50 12" Mono Terminal

Problem: Dead

Solution: Replace R105 (330K 1watt) on SMPS Board

---

Wyse WY-50 12" Mono Terminal

Problem: Dead - Blows main fuse on back



Solution: Replace Q102 (C3150), Q101 (PN2222), Main fuse on back (2amp AGC) & Check all caps on SMPS Board.

---

Wyse WY-50 12" Mono Terminal

Problem: Video fades after being on for a while

Solution: Replace C213 (10uf 100V)

---

Wyse WY-50 12" Mono Terminal

Problem: Dead - Does not blow main fuse

Solution: Replace R101 (1.2 ohm 3 watt), Q102 (C3150), Q101 (PN2222), U103 (4N35), D102 (SB540) & check all electrolytic caps on SMPS Board

---

Wyse WY-60 12" Mono Terminal

Problem: Beeps - No Video - Drawing .44 amps of current

Solution: Replace C209 (220uf 35V), C212 (10uf 160V), D203 (1RBB10T)

---

Wyse WY-60 12" Mono Terminal

Problem: Dead

Solution: Replace Q101 (C2979), Q102 (PN2222), R118 (3ohm 2 watt), C306 (22uf 25V), C309 (100uf 16V), C311 (100uf 16V), C209 (220uf 35V), C208 (470uf 16V), C202 (1uf 50V), Also be sure to check flyback.

---

Wyse WY-60 12" Mono Terminal

Problem: Will only allow 2 keystrokes ( will beep but not show characters) Works in block mode.

Solution: Replace U25, U28 (1489N), U26, U27 (1488N)

---

Wyse WY-60 12" Mono Terminal

Problem: Can't exit out of self test - never makes it to barpole part of test.

Solution: Replace U25, U28 (1489N), U26, U27 (1488N)

---

Wyse WY-60 12" Mono Terminal

Problem: Characters Garbled

Solution: Replace U15 & U16 (192017-02)

---

Wyse WY-60 12" Mono Terminal

Problem: Dead

Solution: Replace R101 (330K 1/2 watt).

---

Wyse WY-60 12" Mono Terminal

Problem: Vertical foldover at top of screen

Solution: Replace C309 & C311 (100uf 16V), C306 (22uf 25V), C403 (47uf 100V)

---

Wyse WY-60 12" Mono Terminal

Problem: No High Voltage - Squeals

Solution: Replace Q202 (C2898), D203 (UF4007), C209 (220uf 35V), C203 (.015 J 400PP)

---

Wyse WY-60 12" Mono Terminal

Problem: Will not go past first pattern in self test.

Solution: Replace U25 (MC1489N)

---

Wyse WY-60 12" Mono Terminal

Problem: No video, no beep, no horz drive signal

Solution: Replace U7 (HY6264LP-12)

---

Wyse WY-60 12" Mono Terminal

Problem: K Error

Solution: Turn unit on holding down the "G" key until unit beeps then repeat the process, this resets the non-volatile ram.

---

Wyse WY-60 12" Mono Terminal

Problem: Dead

Solution: Replace Q202 (C2898)

---

Wyse WY-65 12" Mono Terminal

Problem: Dead

Solution: Replace Q101 (SSS6N60A), R121 (5.1ohm 1 watt)

---

**Xpro Systems**

Xpro Systems DCM-1488 14" SVGA FCC# H79DCM-1488

Problem: No horz sync.

Solution: Replace IC303 (LM393N)

---

## **Xtron**

---

Xtron MF147 12" MDA FCC# DVP7MHMF147

Problem: No High Voltage

Solution: Replace C105 (1uf 50V NP)

---

Xtron MF147 12" MDA FCC# DVP7MHMF147

Problem: Dead

Solution: Replace the 3 bipolar caps in horz section (1uf 50V BP), (3.3uf 50V BP), (6.8uf 50V BP)

---

## **Zenith**

---

Zenith ZCM-1390 14" SVGA FCC#ATO9M7ICM1390

Problem: Shuts off after warmup

Solution: Cracked solder joints in power supply - reflow.

---

Zenith ZCM-1490 14" VGA FCC#ATO90CZM1490

Problem: Video squished on both sides

Solution: Reflow C3005, C3007 also check for cracked solder joints.

---

Zenith ZCM-1790 17" SVGA FCC#ATODMS17A

Problem: No Power

Solution: Reflow Plug Connector on small board above main power supply board. Also remove top metal shield on bottom board "on the base of monitor" It shorts out monitor.