POWER SUPPLY–MAIN SCHEMATIC (2 OF 3)

DEFLECTION PCB

"HOT" "COLD"

U14150 U14101 U14106 +12V REG U14105 +12V REG U14104 +9V REG

Q14101 SWITCH Q14102 Q14103 Q14104 Q14105 Q14108 Q14110 Q14111 Q14151 Q14152

K14101

THIS 12V SUPPLY IS USED FOR THE DEFL BRD & CRT ONLY

AC IN PCB

I/O BOARD

HEAT SINK

ALL INTEGRATED CIRCUITS AND MANY OTHER SEMICONDUCTORS ARE ELECTROSTATICALLY SENSITIVE AND REQUIRE SPECIAL HANDLING TECHNIQUES DESCRIBED UNDER "ELECTROSTATICALLY SENSITIVE (ES) DEVICES" IN THE SAFETY AND SERVICING PRECAUTIONS PUBLICATION.

PRODUCT SAFETY NOTE

COMPONENTS WITH A ⚠ HAVE SPECIAL CHARACTERISTICS IMPORTANT TO SAFETY. BEFORE REPLACING ANY OF THESE COMPONENTS READ CAREFULLY THE PRODUCT SAFETY NOTICE IN THIS SERVICE DATA. DO NOT DEGRADE THE SAFETY OF THE SET THROUGH IMPROPER SERVICING.

SCHEMATIC NOTES
1. RESISTANCE VALUES ARE IN OHMS; K=X1000, Meg=X1,000,000.
   RESISTORS ARE 1/4W 5%, EXCEPT WHERE INDICATED.
   [ ] INDICATES FLAT MAXI-CHIP COMPONENT. 1/8W EXCEPT WHERE INDICATED.
   / \ INDICATES FLAT MINI-CHIP COMPONENT. 1/16W EXCEPT WHERE INDICATED.
2. CAPACITANCE VALUES 1.0 AND ABOVE ARE IN µF, VALUES BELOW 1.0 ARE IN PF EXCEPT WHERE INDICATED. VOLTAGE RATING IS 50V EXCEPT WHERE INDICATED.
   [ ] INDICATES FLAT MAXI-CHIP COMPONENT.
   / \ INDICATES FLAT MINI-CHIP COMPONENT.
3. ⏚ DENOTES CHASSIS GROUND. ⊙ INDICATES CONNECTION VIA POINT-TO-POINT WIRE.
   ⌒ –INDICATES JUMPER WIRE.
   ⊶ –INDICATES ZERO OHM CHIP COMPONENT.

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