DEFLECTION SCHEMATIC – HORIZONTAL/HV (2 OF 2)

201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220

A B C D E F G H I J K L

FROM H_DRIVE
FROM BEAM_SENSE
FROM EW_FB
FROM DF_BLANK
FROM HEATER_DAC
FROM HV
FROM FOCUS
FROM HDF
FROM VDF

TO HYOKE_HI
TO HV
TO FOCUS
TO EHT_IN
TO BEAM_SENSE1
TO BEAM_SENSE
TO FBP
TO FBP1
TO FILAMENT
TO XRP_SENSE
TO HYOKE_LO

+215Vr1 SOURCE
+12Vr3 SOURCE

M015 M018 M017 M016

HORIZ DRIVER T14300

Q14301 Q14302 Q14303 Q14304 Q14401 Q14750 Q14751 Q14752 Q14753 Q14702 Q14703

T14401

EY14457, EY14458 & EY14459 CONNECTIONS TO INTER-PIN BRD

EY14459 IS ALSO USED IN PTV VERSION

EY14753 FOR PTV

HIGH VOLTAGE SPLITTER A1 A2 A3 HVRED HVGRE HVBLU

FOCUS/SCREEN IN RED FOCUS GREEN FOCUS BLUE FOCUS RED SCREEN GREEN SCREEN BLUE SCREEN VFr VFg VFb VSr VSg VSb FOCUS_R FOCUS_G FOCUS_B SCREEN_R SCREEN_G SCREEN_B

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 Pp 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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