VIDEO SCHEMATIC (1 of 10)

121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140

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

IT620 EEPROM

IT607 SURGE DIODE ARRAY

IT608 SURGE DIODE ARRAY

IT600 DIGITAL CONTROLLER

TT632 RESET SWITCH

TT631 RESET SWITCH

TT602 AMP

TT601 AMP

PART OF RT603 4700 4700

HDCP CIPHER

HDCP KEYS

PANEL LINK RECEIVER

TRIPLE 8-BIT DAC

VREF IN VREF OUT

FORMATTER

MODE SELECT

BT600

TO/FROM DIGITAL VIDEO INTERFACE

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 0.250W OR LESS 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 pF, VALUES BELOW 1.0 ARE IN µF
   EXCEPT WHERE INDICATED, VOLTAGE RATING IS 50V EXCEPT WHERE INDICATED.
   [ ] INDICATES FLAT MAXI-CHIP COMPONENT.
   / \ INDICATES FLAT MINI-CHIP COMPONENT.
   \ / INDICATES FLAT MINI-CHIP COMPONENT.
3. ⏚ DENOTES CHASSIS GROUND. ⊘ INDICATES CONNECTION VIA POINT-TO-POINT WIRE.
   ⏚ DENOTES ISOLATED GROUND.
   ⌒ =INDICATES JUMPER WIRE.
   ⟷ =INDICATES ZERO OHM CHIP COMPONENT.

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DRI PCB

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