# SIGNAL SCHEMATIC (5 OF 18)

381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 398 398 399 400

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

+9V_1H <60-A>
+5V_FE <60-G>
+6VrSI <60-F>
+3.3VCrSI4 <386-L>
+2.5VD1 <391-K>
+2.5VA2 <390-K>
+2.5VA1 <389-K>
+2.5VD2 <392-K>

C_M/FRC
Y_M/FRC
FRAME_CV
CVBS/Y_M
CHROMA_M
3D_FRAME
IIC_CL_2
IIC_DA_2
SENSE_2V5
SENSE_3V3

TC132 BC856B
TC112 BC856B
TC040 BC856B
TC051 BC846B
TC055 BC856B
TC056 BC846B
TC061 BC856B
TC063 BC846B
TC065 BC846B
TC070 BC856B
TC107 BC856B
TC105 BC846B
TC100 BC856B
TC127 BC856B
TC125 BC846B
TC120 BC856B
TC015 BC846B

IC140 BA7602F

IC040
UPD64083

DC025 LL4148
DC024 LT1D73A
DC064 LL4148
DC001 LL4148
DC002 LL42

IC001 LD1117DT33
IC006 LD1117DT25

DYCO select
DYCO 9-0

10bit YDAC
10bit CDAC
AYout
ACOut
AYin
ACin
clamp/bias
10bit YADC
10bit CADC
line comb filter
delay
chroma mixer
motion detection
noise reduction
peaking coring
noise reduction
CBPF delay
4Mbit frame delay memory
frame comb filter
Y vert aperture comp
WCV-ID decoder
ID-1 decoder
ID1 encoder
sync separator HV counter
non standard detection

I2C interface
8fsc PLL
10bit fsc-DAC
fsc generat

+2.5VA1 SOURCE
+2.5VA2 SOURCE
+2.5VD1 SOURCE
+2.5VD2 SOURCE
+3.3VCrSI4 SOURCE

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 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.
   \ / 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.

SCALE1=1.5
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