6. FOR OPTIONAL SWITCHABLE FILTER: CHANGE 1K TO 47K & OMIT 1.2K
5. ALL MICROWAVE UNITS ARE UL914.
4. CAPACITANCE VALUES ARE IN UF IF
   LESS THAN ONE AND IN UUF IF GREATER THAN ONE.
3. ALL PNP TRANSISTORS ARE 2N3638.
2. ALL NPN TRANSISTORS ARE 2N3641.
1. ALL RESISTORS ARE 1/4 WATT 5%.
   GEN. NOTES UNLESS OTHERWISE SPECIFIED.
3.82K FOR 625 LINE OPERATION
2. CAPACITANCE VALUES ARE IN UF IF LESS THAN ONE AND UF IF GREATER THAN ONE.
1. ALL RESISTORS ARE 1/4 WATT 5%.
GEN. NOTES UNLESS OTHERWISE SPECIFIED.
1. All resistors are 1/2 watt 5%.
2. All NPN transistors are 2N3641.
3. All PNP transistors are 2N3638.
4. Capacitance values are in UF if less than one and in UUF if greater than one.

DESIGNATORS ON THIS SHEET:
E 43-58
Q 212
U 214-216

502-102-000

SCHEMATIC DIAGRAM
DATA CAMERA (CCU)
CONTROL

CVI COLORADO VIDEO, INC.
ALL DIODES ARE 1N914
ALL TRANSISTORS ARE 2N2369A
MOUNTING TUBE SOCKET:
INSERT SOCKET THRU HOLE
BEND TERMINALS OVER &
SOLDER TO CONDUCTORS
2. Capacitance values are in µF if less than one and µF if greater than one.

1. All resistors are 1/4 Watt 5%.

Gen. Notes unless otherwise specified.
2. Capacitance values are in uF if less than one and in uUF if greater than one.

1. All resistors are 1/2 watt 5%.

Gen. Notes unless otherwise specified:
STRIPPER INPUT

ANALOG LEVEL

ANALOG KEY

INPUT LEVEL

BIAS

4. CAPACITANCE VALUES ARE IN UF IF LESS THAN ONE AND IN μUF IF GREATER THAN ONE.
3. ALL PNP TRANSISTORS ARE 2N3640
2. ALL NPN TRANSISTORS ARE 2N2369A
1. ALL RESISTORS ARE 1/2 WATT 5%.

GEN. NOTES UNLESS OTHERWISE SPECIFIED:

SCHEMATIC DIAGRAM
VIDEO QUANTIZER INPUT BOARD

CVi COLORADO VIDEO, INC.

606C-102-001
CIRCUIT BOARD ASS'Y
VIDEO QUANTIZER
INPUT BOARD

-5 VDC

ANALOG LEVEL
ANALOG OUT
ANALOG KEY
STRIPPER INPUT
SYNC OUT
GROUND
SAWTOOTH OUT
INPUT LEVEL
BIAS
TO SLICE

+5 VDC