: VIDEO MAIN SIGNAL PATH IN REC MODE
: VIDEO MAIN SIGNAL PATH IN PLAYBACK MODE
: AUDIO MAIN SIGNAL PATH IN REC MODE
: AUDIO MAIN SIGNAL PATH IN PLAYBACK MODE

A TO:AUDIO SECTION
S TO:SYSTEM CONTROL & SERVO / TIMER SECTION

IC3001
C1AB00001297

Q3004
2SB709A
(AMP)

Q3009
2SB0709A
(AMP)

QR3011
UN2213
(PICT CONT .)

Q3005
2SD601A
(FSC DRIVE)

QR3150
UN2213
(PICT CONT.)

P5001

K5001

LB 5040 VLP0146

LB5041 VLP0146

LB5042 VLP0146

LB5043 VLP0146

LB5044 VLP0146□

LB5047 VLP0146

L5001 VLQ0822 J680T

L3303 VLQ0822 J680T

L3302 VLQ0822 J680T

K3001

K7614

LB3001 0

LB3002 0

L3008 18u

L3009 39u

X3001 VSX0803

L3006 VLQ0599 J120T

L3301 VLQ0822 J330T

TW3001

LIMTER

HEAD SW 1

HEAD SW 2

KILLER DET OUT

X TAL VCO/OSC

CR DET 2FSC

CLOCK

TANK

ME SECAM DET

PB/REC DISCRI

REC AFC

REC APC

PB APC

COLOR KILLER ID DET

ENV DET

HA GND

HPF

1/2 2FL VCC

DOWN CONV

1/2 PHASE SW

ACC DET

APC SW

2FSCVCO

FH SYNC

SERIAL CONT INTERFACE

VCA

CCD LPF

C.K

N—P

B.D

6dB AMP

C SQUELCH

LMIT WHAITH

SYNC SEP

CLEAR SYNC

SQUELCH

CLAMP FEED BACK VIDEO ALC

LEVEL DET1

LEVEL DET2

DELAY

CLPH

MAIN CONV2

MAIN CONV1

4PHASE GEN

COMP

DET

SW28

2M LPF

ACC

HPF FHTRAP

BPF

SW21

SW22

SW23

SW24

SW25

SW26

SW27

L SECAM

LPF

MIX LEVEL ADJ

C.K

B.E

TRAP

PULSE GEN

SW18

SW19

SW20

SEP

EP

SP

629 TRAP

FM AGC

P EQ

S DL

G EQ

DO DET

EDGE DELAY

DLIM

DEMO

SUB LPF

SQPB

FROM ME SECAM DET

1MHPF

7MHPF

LAG LERD LPF

FM MOD

IO/DEV ADJ

S DET

MAIN EMPH CARRIER OFFSET W.C/DC

MAIN DE EMPH

FBC/ALC

N.L. EMPH

N.L. DE EMPH

D.E.

N.C.

Y APA.

YNR

REC DO/

DO

REC

AGC DEL

PB ALC

VIDEO AGC

Y LPF

LPF

CLAMP

SW9

SW10

SW11

SW12

SW14

SW15

SW16

SW17

CH1

CH2

CH3

ATT (D10dB)

AGC

Y GND

CCD GND

CCD VCC

CCD

C CCD

Y CCD

CLOCK DEIVER

MODE CONT

SW1

SW2

SW3

SW4

SW5

SW6

SW30

SW31

SW32

SW33

SW34

SW35

SW36

SW37

SW38

SW39

SW40

PREAMP

REC ON

REC EQ

BAND GAP

A GND

Y VCC

<A-LINE>

<B-LINE>

<5.0V>

<5.0v>

(A1) VIDEO 5.0V
(A2) BVA 1,2
(A3) ART V/H/N
(A4) IC2 CLK
(A5) IC2 DATA
(A6) KILLER
(A7) OSD V OUT
(A8) V OUT
VIDEO H SW
TRACK ENV
AL
A COM
AR

(B1) SQPB/SE/VHS
A MUTE
(B2) L ch AUDIO IN
(B4) NORA A.IN
(B5) PICT 1
(B6) AVR (L)
(B7) R.VIDEO IN
(B8) FRONT V
GND
5.0V
<5.0v>

(B11)

(B13)
(B14)
(B2)
(B4)
(B5)
(B6)
(B7)
(B8)
(B11)

1 2 3 4 5 6 7 8 9

A B C D E