:VIDEO MAIN SIGNAL PATH IN REC MODE

:VIDEO MAIN SIGNAL PATH IN PLAYBACK MODE

IC3501 (2ch HEAD AMP IC)

IC3001 **(AV 1 CHIP µ-COM)**

VIDEO 5V

DEM OUT

SUB LPF

FM DEM

DOUBLE LIM

PEAKING

ENV DET

SQPB

VHS

X3002

X3001

VXO

HTRAP

LTRAP &HPF

PB

REC

RF AGC

RF IN

W/DC ADJ

FAMI

PB

REC

+2.5dB

CLP3

LPF

DEV ADJ

MOD

DTE

NLE NLDE

(Y3)

PB

REC

DELAY

(Y1)

MAIN LPF

FAMI/ VV

EE

EE/FAMI

VV

(Y2)

CLP1

FAMI

EE

VV

(VIDEO OUT SELECT)

Y/C MIXER

SUB CLP

AGC

ARTIF SYNC

NOISE CL IP

V OUT

V IN

SCL (I2C BUS) SDA

YNR MIXER

DOP

NORM

NC1

PICT

NC2

CLP2

DET

YNR AGC

YNR PROC

2fsc

1H-DL

LPF

SEC SWICH

CPS

MAIN BPF

S1

EE

VV/FAMI

SECVV

FAMI

VV

SP= -3dB

NOR- COR

HSS

H SW

CK-SW S-PILOT -ERASE

BM-B

NAP

SUB BPF

VV/ FAMI

EE

BURST U/D

DELAY

LPFA

2fsc

2H-DL 1H-DL

0H-DL

0H-DL

FROM ROT1

BM-A

FSC

-6dB NTSC- EP/SP

VV LP

VV-SP/FAMI

EE

SECAM ID DET.

MESECAM

SECAM-L NTSC4.43/3.58

12C TINT

6.6 TRAP

2.2 TRAP

ROT 2 :4

ROTAPC :4

PEC FPC

APC CKDET

CK

SP/LP/EP

ACC

630 BPF

REC Y ADJ

ACC DET

CACC DET

CACC

REC-C ADJ

CHROMA GAIN

CHROMA REC

CK-ON

REC OUT

TW3030 REC YC

TW2001 H.SW

AMP

PB ON

PB(L)

REC(H)

REC ON

HEAD SW

AT DET

P3501 3

P3501 2

P3501 1

L

R

L(35um)

R(35um)

TRK ENVE

VIDEO H. SW

D REC (H)

IIC CLK

IIC TALK/LSN

CV IN

ART V/H/N

CV IN2

CV OUT

SECAM (L)

FSC

V EE (H)

SECOM MUTE

FSC

TO/FROM SYSTEM & SERVO CONTROL SECTION

TO HiFi AUDIO SECTION

QR5502

(D)

Q5506

Q5505

QR5503

K3004

Q5501

Q5504

Q5502

VR5503 SECAM REC C

IC5501

MUTE

MODE

MODE CTL

TO MUTE

EE

VV

X2

2.2MHz BPF

1.1MHz BPF

4.3MHz BPF

FREQUENCY ADJ. (1.1MHz)

CTL

SYNC GATE GEN V-SEP

LIM

SG

1/4

AGC AMP

QR3010

QR3009

QR5501

+5V

(SECAM COLOUR PROCESS IC)

K3006

JK3001 VIDEO IN

VIDEO OUT

Q3002

K7701

(D):NV-SJ7AF

NV-SJ3MK2AM/PMP,NV-SJ5MK2AM/EU/AU,NV-SJ7AF,NV-FJ8MK2AM

VIDEO SECTION BLOCK DIAGRAM