VIDEO MAIN SIGNAL PATH IN REC MODE

VIDEO MAIN SIGNAL PATH IN PLAYBACK MODE

IC3901
(INPUT/OUTPUT SELECT)

TO/FROM SYSTEM CONTROL
OSD IIC DATA
OSD IIC CLOCK
PP3904 | PS3904 7
PP3904 | PS3904 8
1 DATA
2 CLOCK
IIC BUS INTERFACE

JK4904 S-VIDEO OUT
4 REAR C OUT
3 REAR Y OUT
TP3024
TP3021

JK4902 AV1(TV)
19 VIDEO/Y OUT
15 C OUT
20 VIDEO IN
S4901 NORMAL ↔ S-VHS

JK4903 VIDEO OUT
REAR VIDEO OUT

JK4901 AV2 (DECODER)
19 VIDEO OUT
15 C IN
20 VIDEO/Y IN

TUNER/ TV DEMODULATOR
6 RFC VIDEO OUT
24 TUNER VIDEO
PP3902 | PS3902 1
PP3904 | PS3904 5

JK4801 AV3 VIDEO IN
FRONT VIDEO IN
PS4801 | PP3906 9

JK4802 AV3 S-VIDEO IN
4 FRONT C IN
3 FRONT Y IN
PS4801 | PP3906 12
PS4801 | PP3906 14

TP3003
TP3002

29 CPS OUT
30 CPN C OUT
31 CON Y OUT
36 V IN2
33 V OUT AV1
34 V OUT AV2
38 CPN Y IN1
40 V IN3
23 V IN1
CLAMP

25 CPN C IN2
27 CPN Y IN2
10 CPN Y IN1
8 CPN C IN1
4 CPN C IN3
6 CPN Y IN3
20 CON Y IN2
18 CON C IN2
16 V IN4
14 CPS OUT
12 CON C OUT

L3903 C3904 B.P.F
L3902 C3901 C3902 C3903 L.P.F.
Q3901 BUFFER

TP3022
TP3023

PS3904 | PP3904 10
PS3905 | PP3905 1
PS3904 | PP3904 14
PS3905 | PP3905 11
PS3905 | PP3905 3
PS3905 | PP3905 5
PP3904 | PS3904 3
PP3904 | PS3904 1
PP3905 | PS3905 9

Q3010 AMP

IC6004
H
L
EE

IC6003
(OSD u-COM SLICER)
VCBS 17
Q6001 Q6004 AMP
Q6002 AMP
SCL 4
SDA 5

IC6001
61 OSD SIGNAL PROCESS 56
99 OSD IIC CLOCK
100 OSD IIC DATA

NV-HS880EG/B/EC/EE
LUMINANCE & CHROMINANCE BLOCK DIAGRAM