VIDEO MAIN SIGNAL PATH IN REC MODE

VIDEO MAIN SIGNAL PATH IN PLAYBACK MODE

		EE	VV	FULL SCREEN
CONTROL	EE(H) ④	H	L	H/L
	F.SCREEN ⑧	L	L	H
OUTPUT	Y OUT ⑲	⑤	⑦	③
	C OUT ⑭	⑨	⑫	⑪
	Y+C OUT ⑯	⑤ + ⑨	⑦ + ⑪	③ + ⑪

IC3901
(Y/C MIX)

EE Ⓗ ④
VV Y IN ①
Y OUT ⑲
OSD Y IN ③
EE Y IN ⑤
Y+C OUT ⑯
VV Y IN ⑦
EE C IN ⑨
C OUT ⑭
OSD C IN ⑪
VV C IN ⑫
FULL SCREEN Ⓗ ⑧

Q3902 BUFFER
L3908 C3947,3948 L.P.F.
L3909 C3946 B.P.F.

PS3904 | PP3904 15 → QR3007 → V.EE Ⓛ
PS3905 | PP3905 1 → Y/C Y OUT
PS3904 | PP3904 14 → Y/C C OUT
PS3905 | PP3905 11 → OSD V OUT
PS3904 | PP3904 10 → VV C OUT
PS3905 | PP3905 3 → VIDEO/Y IN

JK3904 S-VIDEO OUT
④ REAR C OUT
③ REAR Y OUT
TP3024 TP3021

JK3906 AV1(TV)
⑲ VIDEO/Y OUT
⑮ C OUT
⑳ VIDEO IN
S3901 NORMAL ↔ S-VHS

JK3902 VIDEO OUT
REAR VIDEO OUT
TP3002
TP3003

IC3902
(INPUT/OUTPUT SELECT)

V1 OUT ㉔
V1 IN ㊱
OSD V IN ⑳
TUNER V IN ⑦
V2 IN ㉘
V2 OUT ㉖
FULL SCREEN Ⓗ ⑯
Y/C V OUT ⑱
V3 IN ⑪
TP3022

JK3905 AV2 (DECODER)
⑲ VIDEO OUT
⑮ C IN
⑳ VIDEO/Y IN

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

IC3903
TP3023
PP3904 | PS3904 1 → H ④ ② → PS3905 | PP3905 5
L ⑥ ① → AV2 S IN Ⓗ

JK4801 AV3 VIDEO IN
FRONT VIDEO IN → PS4801 | PP3906 8

IC3991
JK4802 AV3 S-VIDEO IN
④ FRONT C IN → PS4801 | PP3906 11
③ FRONT Y IN → PS4801 | PP3906 13
H ④ ② → PP3904 | PS3904 3
L ⑥ ① → AV3 S IN Ⓛ

IC8803
(PB SECAM DETECTOR)
① C IN
DET OUT ⑩ → P8801 | P3003 2 | 11 → SECAM DET Ⓗ

Q8801,Q8802 Q8809-Q8811 AMP → P8801 | P3003 5 | 8 → PB SECAM
Q8804 Q8807 Q8808 BUFFER → SECAM REC C VR8801 → P8801 | P3003 3 | 10 → REC SECAM
P8801 | P3003 7 | 6 → REC CHROMA

IC8801
(SECAM COLOUR PROCESS)
⑪ MUTE
1.1MHz BPF
EE
VV
SG
1/4
X2
2.2MHz BPF
X2
4.3MHz BPF B
LIM
EE
VV
MUTE ⑰
4.43MH BPF A
EE ⑮
VV
SG
AGC AMP ⑬ → P8801 | P3003 1 | 12 → PB CHROMA

AV2/3 C IN

NV-HS820F
LUMINANCE & CHROMINANCE BLOCK DIAGRAM