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

Ⓡ :TO POWER SUPPLY/RF SECTION
Ⓢ :TO SYSTEM CONTROL & SERVO SECTION
Ⓥ :TO LUMINANCE & CHROMINANCE/AUDIO SECTION

Ⓡ PS 12V
Ⓡ PS 5V
Ⓡ N.SW 5V
Ⓢ AV2 PB 12V
Ⓢ AV1 PB 12V Ⓗ (A3)
Ⓢ AV1 PB Ⓗ (A2)
Ⓢ VIDEO OUT (A1)

IC4901
LA73020M

SERIAL CONTROL
POWER SAVE
IIC BUS INTERFACE
EXT CTL 2
V REF
RIPPLE FLT
EXT CTL 1
CLAMP
BUF
AMP
OR
FSS OUT
6dB
VIDEO SW1
AUDIO SW1
VIDEO SW3
AUDIO SW3
AUDIO SW2
VIDEO SW2

Q4901 2SD601A (AV1 PB Ⓗ :ON)
Q4904 2SB709A (AMP)
D4903 MA165
D4904 MA165

Ⓢ SLEEP Ⓗ
Ⓢ OSD IIC DATA
Ⓢ OSD IIC CLOCK
Ⓥ TUNER AUDIO
Ⓡ TUNER AUDIO (B1)
Ⓡ TUNER VIDEO (B2)
Ⓥ AUDIO IN (B3)
Ⓥ AUDIO OUT (B4)
Ⓥ VIDEO IN (B5)
Ⓢ PROG. Ⓗ (B6)
Ⓡ GND
Ⓡ GND (A)

TW4907 TW4902 TW3003 TW3002 TW4906

Q4903 2SD601A (RGB ON:ON)
QR4903 UN2212 (RGB OFF Ⓗ :ON)
QR4905 UN2215 (PROG Ⓗ :ON)
QR4904 UN2215 (PROG Ⓗ :ON)
D4902 MA4051NM
D4901 MA4051NM

JK4903 K1FB121B0003 (AV1)

TV	
1	AUDIO OUT
2	AUDIO IN
3	AUDIO OUT
4	GND (A)
5	GND
6	AUDIO IN
7	BLUE
8	PB +12V
9	GND
10	———
11	GREEN
12	———
13	GND
14	GND
15	RED
16	BLANKING
17	GND
18	GND
19	VIDEO OUT
20	VIDEO IN
21	GND

JK4902 K1FB121B0003 (AV2)

DECODER/EXT	
1	AUDIO OUT
2	AUDIO IN
3	AUDIO OUT
4	GND (A)
5	GND
6	AUDIO IN
7	BLUE
8	PB +12V
9	GND
10	IIC CLOCK
11	GREEN
12	IIC DATA
13	GND
14	GND
15	RED
16	BLANKING
17	GND
18	GND
19	VIDEO OUT
20	VIDEO IN
21	GND

NOTE:THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ( ) ON THIS DIAGRAM IS RECORD MODE WITH PAL COLOUR SIGNAL.(SP MODE)

THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH PAL COLOUR SIGNAL.(SP MODE)

NOTE: DO NOT USE ANY PART NUMBER SHOWN ON THIS SCHEMATIC DIAGRAM FOR ORDERING.WHEN YOU ORDER A PART,PLEASE REFER TO PARTS LIST.

NV-SJ222EE-B
INPUT/OUTPUT SECTION SCHEMATIC DIAGRAM