

- Ⓜ : TO POWER SUPPLY/RF SECTION
- Ⓝ : TO SYSTEM CONTROL & SERVO SECTION
- Ⓥ : TO LUMINANCE & CHROMINANCE/AUDIO SECTION
- Ⓣ : TO TIMER SECTION

← 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 INPUT/OUTPUT PACK PS3901(A-1)
- Ⓜ MAIN IIC CLOCK (A3)
  - Ⓝ MAIN IIC DATA (A2)
  - Ⓥ FSC (A1)
  - Ⓣ MUTE (A1)

- TO INPUT/OUTPUT PACK PS3902(A-1)
- 1 GND (AV)
  - 2 GND (AV)
  - 3 AV1 A IN (R)
  - 4 AV2 A IN (R)
  - 5 GND (AV)
  - 6 AV1 A IN (L)
  - 7 AV2 A IN (L)
  - 8 GND (AV)
  - 9 AV1 A OUT (L)
  - 10 AV1 A OUT (R)
  - 11 GND (AV)
  - 12 AV2 A OUT (R)
  - 13 AV2 A OUT (L)
  - 14 AV1 PB 12V

- TO INPUT/OUTPUT PACK PS3902(E-1)
- 1 GND (AV)
  - 2 AV3 C IN
  - 3 PS 12V
  - 4 AV3 VIDEO IN
  - 5 SLEEP (H)
  - 6 TUNER VIDEO IN
  - 7 GND (AV)
  - 8 OSD IIC DATA
  - 9 OSD IIC CLOCK
  - 10 GND (AV)
  - 11 VV C OUT
  - 12 GND (AV)
  - 13 PS 5V
  - 14 Y/C C OUT
  - 15 EE (H)
  - 16 PROG (H)

- TO INPUT/OUTPUT PACK PS3904(C-1)
- 1 AV3 C IN
  - 2 PS 12V
  - 3 AV3 VIDEO IN
  - 4 SLEEP (H)
  - 5 TUNER VIDEO IN
  - 6 GND (AV)
  - 7 OSD IIC DATA
  - 8 OSD IIC CLOCK
  - 9 GND (AV)
  - 10 VV C OUT
  - 11 GND (AV)
  - 12 PS 5V
  - 13 Y/C C OUT
  - 14 EE (H)
  - 15 PROG (H)
  - 16

- TO INPUT/OUTPUT PACK PS3905(E-1)
- 1 Y/C Y OUT
  - 2 GND (AV)
  - 3 VIDEO Y IN
  - 4 GND (AV)
  - 5 AV2/AV3 C IN
  - 6 GND (AV)
  - 7 N.SW 5V
  - 8 GND (AV)
  - 9 GND (AV)
  - 10 GND (AV)
  - 11 OSD VIDEO OUT
  - 12 AV2 PB (H)
  - 13 PROJECT 50
  - 14 S-VHS SW (L)

- TO INPUT/OUTPUT PACK PS3906(B-1)
- 1 AV3 A IN (R)
  - 2 GND (AV)
  - 3 AV3 A IN (L)
  - 4 GND (FIP)
  - 5 AV3 A IN (L)
  - 6 AV3 C IN
  - 7 GND (AV)
  - 8 AV3 Y IN
  - 9 AV3 S-VHS IN (H)
  - 10
  - 11
  - 12
  - 13
  - 14

- TO INPUT/OUTPUT PACK PS3901(B-1)
- Ⓜ RFC MUTE (H)
  - Ⓝ AV3 S-VHS IN (L)
  - Ⓥ PS 5V
  - Ⓣ N.SW 5V
  - Ⓣ PS 12V

- TO INPUT/OUTPUT PACK PS3901(C-1)
- 1 PS 12V
  - 2 AV3 VIDEO IN
  - 3 SLEEP (H)
  - 4 TUNER VIDEO IN
  - 5 GND (AV)
  - 6 OSD IIC DATA
  - 7 OSD IIC CLOCK
  - 8 GND (AV)
  - 9 VV C OUT
  - 10 GND (AV)
  - 11 PS 5V
  - 12 Y/C C OUT
  - 13 EE (H)
  - 14 PROG (H)
  - 15
  - 16

- TO INPUT/OUTPUT PACK PS3902(B-1)
- 1 Y/C Y OUT
  - 2 GND (AV)
  - 3 VIDEO Y IN
  - 4 GND (AV)
  - 5 AV2/AV3 C IN
  - 6 GND (AV)
  - 7 N.SW 5V
  - 8 GND (AV)
  - 9 GND (AV)
  - 10 GND (AV)
  - 11 OSD VIDEO OUT
  - 12 AV2 PB (H)
  - 13 PROJECT 50
  - 14 S-VHS SW (L)

- TO INPUT/OUTPUT PACK PS3902(C-1)
- 1 SLEEP (H)
  - 2 TUNER VIDEO (R)
  - 3 OSD IIC DATA (S)
  - 4 OSD IIC CLOCK (S)
  - 5 VV C OUT (V)
  - 6 Y/C C OUT (V)
  - 7 EE (H)
  - 8 PROG (H)
  - 9 Y/C Y OUT (V)
  - 10 VIDEO Y IN (V)
  - 11 AV2/AV3 C IN (V)
  - 12 OSD VIDEO OUT (S)
  - 13 AV2 PB (H)
  - 14 PROJECT 50 (S)
  - 15 S-VHS SW (L)

- TO INPUT/OUTPUT PACK PS3902(D-1)
- 1 Y/C C OUT (V)
  - 2 EE (H)
  - 3 PROG (H)
  - 4 Y/C Y OUT (V)
  - 5 VIDEO Y IN (V)
  - 6 AV2/AV3 C IN (V)
  - 7 OSD VIDEO OUT (S)
  - 8 AV2 PB (H)
  - 9 PROJECT 50 (S)
  - 10 S-VHS SW (L)

- TO INPUT/OUTPUT PACK PS3902(E-1)
- 1 SLEEP (H)
  - 2 TUNER VIDEO (R)
  - 3 OSD IIC DATA (S)
  - 4 OSD IIC CLOCK (S)
  - 5 VV C OUT (V)
  - 6 Y/C C OUT (V)
  - 7 EE (H)
  - 8 PROG (H)
  - 9 Y/C Y OUT (V)
  - 10 VIDEO Y IN (V)
  - 11 AV2/AV3 C IN (V)
  - 12 OSD VIDEO OUT (S)
  - 13 AV2 PB (H)
  - 14 PROJECT 50 (S)
  - 15 S-VHS SW (L)

- TO INPUT/OUTPUT PACK PS3902(F-1)
- 1 SLEEP (H)
  - 2 TUNER VIDEO (R)
  - 3 OSD IIC DATA (S)
  - 4 OSD IIC CLOCK (S)
  - 5 VV C OUT (V)
  - 6 Y/C C OUT (V)
  - 7 EE (H)
  - 8 PROG (H)
  - 9 Y/C Y OUT (V)
  - 10 VIDEO Y IN (V)
  - 11 AV2/AV3 C IN (V)
  - 12 OSD VIDEO OUT (S)
  - 13 AV2 PB (H)
  - 14 PROJECT 50 (S)
  - 15 S-VHS SW (L)

- TO INPUT/OUTPUT PACK PS3902(G-1)
- 1 SLEEP (H)
  - 2 TUNER VIDEO (R)
  - 3 OSD IIC DATA (S)
  - 4 OSD IIC CLOCK (S)
  - 5 VV C OUT (V)
  - 6 Y/C C OUT (V)
  - 7 EE (H)
  - 8 PROG (H)
  - 9 Y/C Y OUT (V)
  - 10 VIDEO Y IN (V)
  - 11 AV2/AV3 C IN (V)
  - 12 OSD VIDEO OUT (S)
  - 13 AV2 PB (H)
  - 14 PROJECT 50 (S)
  - 15 S-VHS SW (L)

- TO INPUT/OUTPUT PACK PS3902(H-1)
- 1 SLEEP (H)
  - 2 TUNER VIDEO (R)
  - 3 OSD IIC DATA (S)
  - 4 OSD IIC CLOCK (S)
  - 5 VV C OUT (V)
  - 6 Y/C C OUT (V)
  - 7 EE (H)
  - 8 PROG (H)
  - 9 Y/C Y OUT (V)
  - 10 VIDEO Y IN (V)
  - 11 AV2/AV3 C IN (V)
  - 12 OSD VIDEO OUT (S)
  - 13 AV2 PB (H)
  - 14 PROJECT 50 (S)
  - 15 S-VHS SW (L)

- TO INPUT/OUTPUT PACK PS3902(I-1)
- 1 SLEEP (H)
  - 2 TUNER VIDEO (R)
  - 3 OSD IIC DATA (S)
  - 4 OSD IIC CLOCK (S)
  - 5 VV C OUT (V)
  - 6 Y/C C OUT (V)
  - 7 EE (H)
  - 8 PROG (H)
  - 9 Y/C Y OUT (V)
  - 10 VIDEO Y IN (V)
  - 11 AV2/AV3 C IN (V)
  - 12 OSD VIDEO OUT (S)
  - 13 AV2 PB (H)
  - 14 PROJECT 50 (S)
  - 15 S-VHS SW (L)

- TO INPUT/OUTPUT PACK PS3902(J-1)
- 1 SLEEP (H)
  - 2 TUNER VIDEO (R)
  - 3 OSD IIC DATA (S)
  - 4 OSD IIC CLOCK (S)
  - 5 VV C OUT (V)
  - 6 Y/C C OUT (V)
  - 7 EE (H)
  - 8 PROG (H)
  - 9 Y/C Y OUT (V)
  - 10 VIDEO Y IN (V)
  - 11 AV2/AV3 C IN (V)
  - 12 OSD VIDEO OUT (S)
  - 13 AV2 PB (H)
  - 14 PROJECT 50 (S)
  - 15 S-VHS SW (L)

- TO INPUT/OUTPUT PACK PS3902(K-1)
- 1 SLEEP (H)
  - 2 TUNER VIDEO (R)
  - 3 OSD IIC DATA (S)
  - 4 OSD IIC CLOCK (S)
  - 5 VV C OUT (V)
  - 6 Y/C C OUT (V)
  - 7 EE (H)
  - 8 PROG (H)
  - 9 Y/C Y OUT (V)
  - 10 VIDEO Y IN (V)
  - 11 AV2/AV3 C IN (V)
  - 12 OSD VIDEO OUT (S)
  - 13 AV2 PB (H)
  - 14 PROJECT 50 (S)
  - 15 S-VHS SW (L)

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

THE MEASUREMENT MODE OF THE DC VOLTAGE OUT OF THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH SECAM 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-HS820F  
 Hi-Fi AUDIO SECTION  
 IN MAIN SCHEMATIC DIAGRAM