AUDIO SIGNAL PATH

L7302 1u
C7302 6V100
X7302 VSX0953
C7316 0.1
R7327 8200
R7325 0

TEST1 (22) 3.3 | VDDA2 (21) | VSSA2 (20) | VDDR2 (19) 2.0 | 1 REF (18) | TEST2 (17) | TP3 (16) | XTAL I (15) 1.6 | XTAL O (14) 1.6 | ADDR1 (13) 0.4 | PCLK (12)

PK7301
TO POWER SUPPLY/RF SECTION PK7301 (C-10)

| | | |
|---|---|---|
| QPSK/SIF | 1 | 1.6 |
| GND | 2 | |
| TUNER AUDIO (N) | 3 | 0 |
| | 4 | |
| | 5 | |
| | 6 | |
| TUNER 5V | 7 | 4.9 |

C7307 0.01 | R7302 0 | C7311 0

IC7302
PST7043
(RESET)
IN (1) 4.9 | GND (2) | OUT (3) 4.9

L7301 0

C7308 50V2.2 | C7312 0.1

R7305 100 | R7306 100

C7305 33P | C7306 33P

PK7302
TO POWER SUPPLY/RF SECTION PK7302 (B-10)

| | | |
|---|---|---|
| OSD IIC CLOCK | 1 | 4.8 |
| OSD IIC DATA | 2 | 4.6 |
| | 3 | |
| TUNER AUDIO (R) | 4 | 0 |
| GND | 5 | |
| TUNER AUDIO (L) | 6 | 0 |

FL7301 VLF0633
C7304 6V100 | C7301 0.01

C7341 4700P
C7342 4700P

SIF2 (23) 2.0 | VREF1 (24) 2.0 | SIF1 (25) 2.0
C7315 0.1

CRESET (26) 4.9 | VSSA3 (27) | VDDA3 (28) 4.9
SCL (29) 4.8 | SDA (30) 4.6 | SDO (31) 1.2 | WS (32) 1.2 | SCK (33) 1.2

INPUT SWITCH AGC, ADC
FM/AM DEMODULATION
IDENTIFI-CATION
IIC BUS INTERFACE
IIC BUS INTERFACE
NICAM DEMODULATION
DEMATRIX
NICAM DECODER
2 CHANNEL ANALOG/ SATELLITE DECODER
DIGITAL SELECTOR
LEVEL ADJUST
POST FILTER 3 DACS
2 CHANNEL OUTPUT BUFFERS
ANALOG CROSSBAR SWITCH
MONO CHANNEL OUTPUT BUFFERS

TP1 (11) | NICAM (10) 0.4 | TP2 (9) | VDEC2 (8) 0 | VSSD2 (7) | VDDD1 (6) 4.8 | VSSD1 (5) | VSSA1 (4) | VDDA1 (3) 4.9 | OUT R (2) 2.5 | OUT L (1) 2.5

LB7301 0
C7325 0.1
C7324 0.1

SYS CLK (34) 1.2 | VDDD3 (35) 4.8 | VSSD3 (36) | P1 (37) 4.9 | MONO IN (38) 2.4 | EXTIR (39) 2.4 | EXTIL (40) 2.4 | VREF2 (41) 2.4 | P2 (42) 4.9 | OUT M (43) 2.5 | VSSA4 (44)

IC7301
TDA9874AH

R7316 10K | LB7303 0
TL7301
TL7303
C7313 0.1
C7318 6V47
TL7304
R7324 220
C7317 16V10
R7328 220
C7319 16V10
R7329 220
C7320 16V10

NOTE:THE MEASUREMENT MODE OF THE DC VOLTAGE ON THIS DIAGRAM IS STOP 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-HS820EE
NICAM DECODER PACK SCHEMATIC DIAGRAM