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) | PCLK (12) 0.4

SIF2 (23) 2.0 — INPUT SWITCH AGC, ADC
C7315 0.1
VREF1 (24) 2.0
SIF1 (25) 2.0
CRESET (26) 4.9
VSSA3 (27)
VDDA3 (28) 4.9
SCL (29) 4.8 — R7305 100
SDA (30) 4.6 — R7306 100
SDO (31) 1.2
WS (32) 1.2
SCK (33) 1.2
IIC BUS INTERFACE
IIC BUS INTERFACE
FM/AM DEMODULATION
IDENTIFI-CATION
DEMATRIX
NICAM DEMODULATION
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

SYS CLK (34) 1.2 — R7316 10K
VDDD3 (35) 4.8 — LB7303 0
VSSD3 (36)
P1 (37) 4.9 — TL7303
MONO IN (38) 2.4
EXTIR (39) 2.4
EXTIL (40) 2.4
VREF2 (41) 2.4 — C7318 6V47
P2 (42) 4.9 — TL7304
OUT M (43) 2.5 — R7324 220 — C7317 16V10
VSSA4 (44)

C7313 0.1
TL7301

IC7301
TDA9874AH

LB7301 0
C7325 0.1
C7324 0.1
R7328 220 — C7319 16V10
R7329 220 — C7320 16V10

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

C7307 0.01
R7302 0
C7311 0
C7308 50V2.2
C7312 0.1
C7305 33P
C7306 33P

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

L7301 0

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 (EC)
C7303 0.01 (B)
C7341 4700P
C7342 4700P

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-HS820B/EC
NICAM DECODER PACK SCHEMATIC DIAGRAM