AUDIO SIGNAL PATH

L7302 1u

X7302 VSX0953

C7316 0.1 | R7327 8200 | R7325 0

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

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

INPUT SWITCH AGC, ADC

FM/AM DEMODULATION

NICAM DEMODULATION

TP1 (11) | NICAM (10) 0.4 | TP2 (9)

DEMATRIX

NICAM DECODER

VDEC2 (8) 0

IDENTIFI-CATION

2 CHANNEL ANALOG/ SATELLITE DECODER

DIGITAL SELECTOR

LEVEL ADJUST

VSSD2 (7)

VDDD1 (6) 4.8

LB7301 0

C7325 0.1

VSSD1 (5)

VSSA1 (4)

C7324 0.1

VDDA1 (3) 4.9

OUT R (2) 2.5

OUT L (1) 2.5

PK7301

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

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

C7307 0.01 | R7302 0 | C7311 0

IC7302 PST7043

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

CRESET (26) 4.9 | VSSA3 (27) | VDDA3 (28) 4.9

C7308 50V2.2 | C7312 22P

C7343 2200P | L7301 0

R7305 100 | SCL (29) 4.8

R7306 100 | SDA (30) 4.6

IIC BUS INTERFACE

C7305 33P | C7306 33P

SDO (31) 1.2

WS (32) 1.2

SCK (33) 1.2

IIC BUS INTERFACE

POST FILTER 3 DACS

2 CHANNEL OUTPUT BUFFERS

MONO CHANNEL OUTPUT BUFFERS

ANALOG CROSSBAR SWITCH

PK7302

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

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

FL7301 VLF0633

C7304 6V100 | C7301 0.01

C7341 4700P

C7342 4700P

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 | C7313 0.1

TL7303

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-FJ631EC,FJ630B/BL/EC/ECN
NICAM DECODER PACK SCHEMATIC DIAGRAM