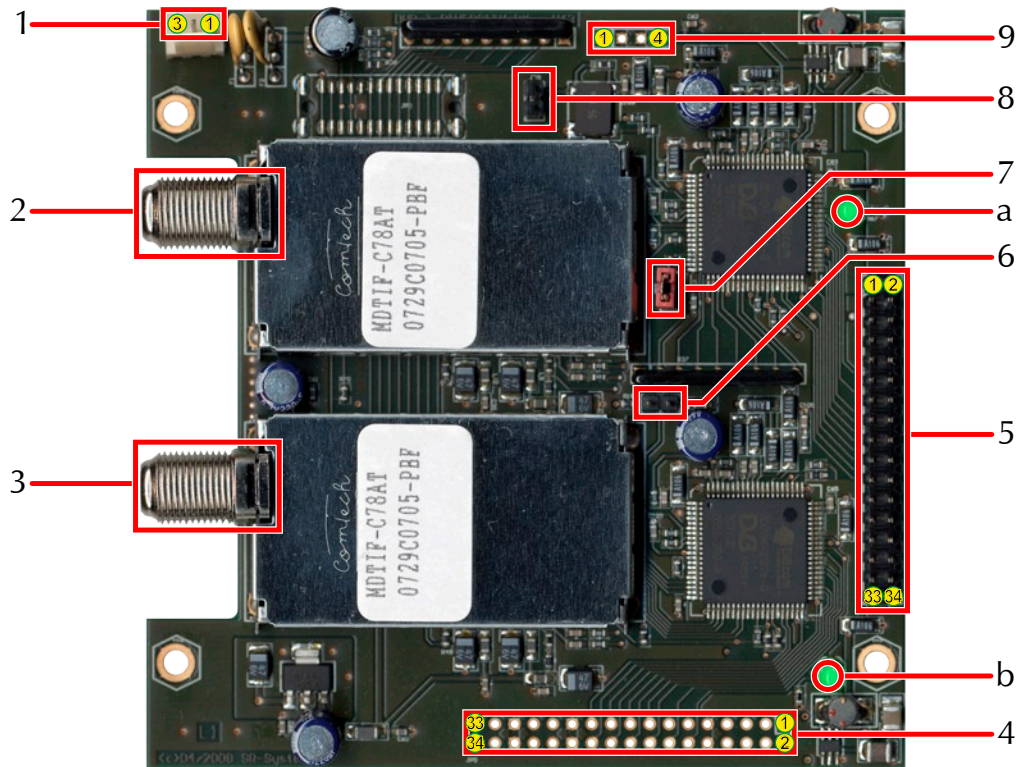


1 Connector description



board dimensions: 100×100 mm

Connectors	1	3pin Header	Power input for LNB
	2	F Connector 75 Ω	RF in A
	3	F Connector 75 Ω	RF in B
	4	34pin Header	TS out B
	5	34pin Header	TS out A or Diversity
	6	Jumper	off, when Diversity on
	7	Jumper	on, when Diversity on
	8	Jumper	27.7 MHz oscillator on/off (bridged: off)
	9	4pin Header	Power for addon board
LEDs	a	LED green	RF Lock a
	b	LED green	RF Lock b

2 Pin description

4 – TS out B			
1	+5 V	2	+5 V
3	+5 V	4	+5 V
5	SDA	6	not connected
7	SCL	8	xReset
9	GND	10	GND
11	TS CLK B	12	TS PSYM B
13	not connected	14	TS DVAL B
15	TS B6	16	TS B7
17	TS B4	18	TS B5
19	TS B2	20	TS B3
21	TS B0	22	TS B1
23	GND	24	GND
25	not connected	26	not connected
27	not connected	28	not connected
29	GND	30	GND
31	not connected	32	not connected
33	not connected	34	not connected

5 – TS out A or Diversity			
1	+5 V	2	+5 V
3	+5 V	4	+5 V
5	SDA	6	not connected
7	SCL	8	xReset
9	GND	10	GND
11	TS CLK B	12	TS PSYM B
13	not connected	14	TS DVAL B
15	TS B6	16	TS B7
17	TS B4	18	TS B5
19	TS B2	20	TS B3
21	TS B0	22	TS B1
23	GND	24	GND
25	not connected	26	not connected
27	not connected	28	not connected
29	GND	30	GND
31	not connected	32	not connected
33	not connected	34	not connected

1 – Power input (use for LNB only!)	
1	8-16 V DC
3	GND

9 – Addon board power			
1	LNB power	2	GND
3	+5 V out	4	GND

Errata/corrections:

17.07.2008 Release v1.0en

20.08.2008 correct pin numbers on con. 1