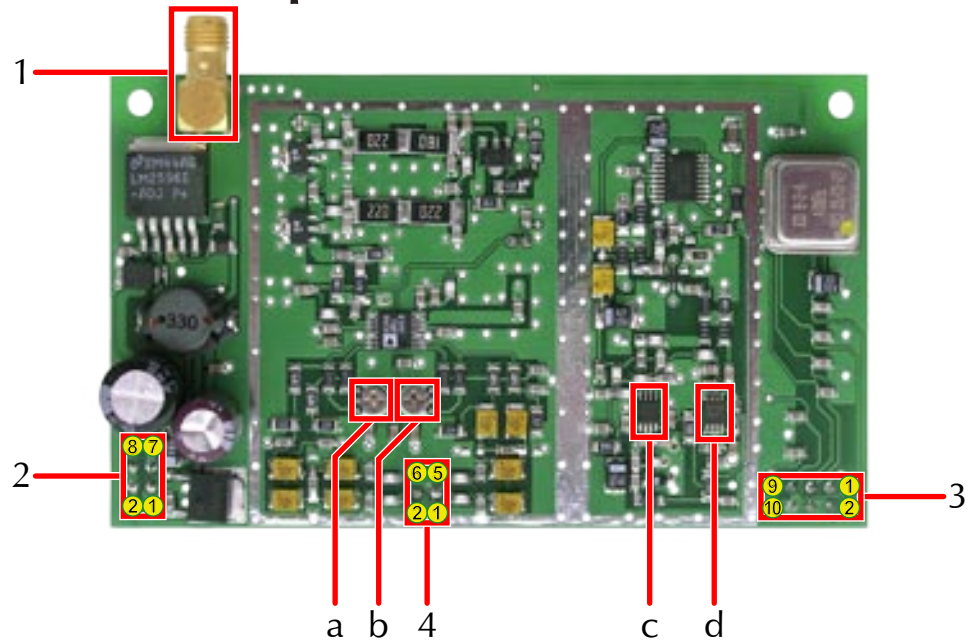


1 Connector description



board dimensions: 60×100 mm

Connectors	1	SMA	RF out
	2	8pin Header	U_B
	3	10pin Header	PLL-Control
	4	6pin Header	diff. IQ

Controls	a	Potentiometer	I-Balance
	b	Potentiometer	Q-Balance
	c	VCO	for L-Band
	e	VCO	for S-Band

2 Pin description

2 – DVB-Mod. (U_B)			
1	GND	2	V_{in}
3	GND	4	V_{in}
5	GND	6	+5.0 V
7	GND	8	+5.0 V

3 – DVB-Mod. (PLL-Control)			
1	PLL-Clk	2	PLL-Data
3	PTT	4	PLL-Ena
5	PLL-Lock	6	GND
7	Bandswitch 2	8	GND
9	Bandswitch 1	10	GND

4 – DVB-Mod. (diff. IQ)			
1	$Q_{out} A$	2	$I_{out} A$
3	$Q_{out} B$	4	$I_{out} B$
5	GND	6	GND