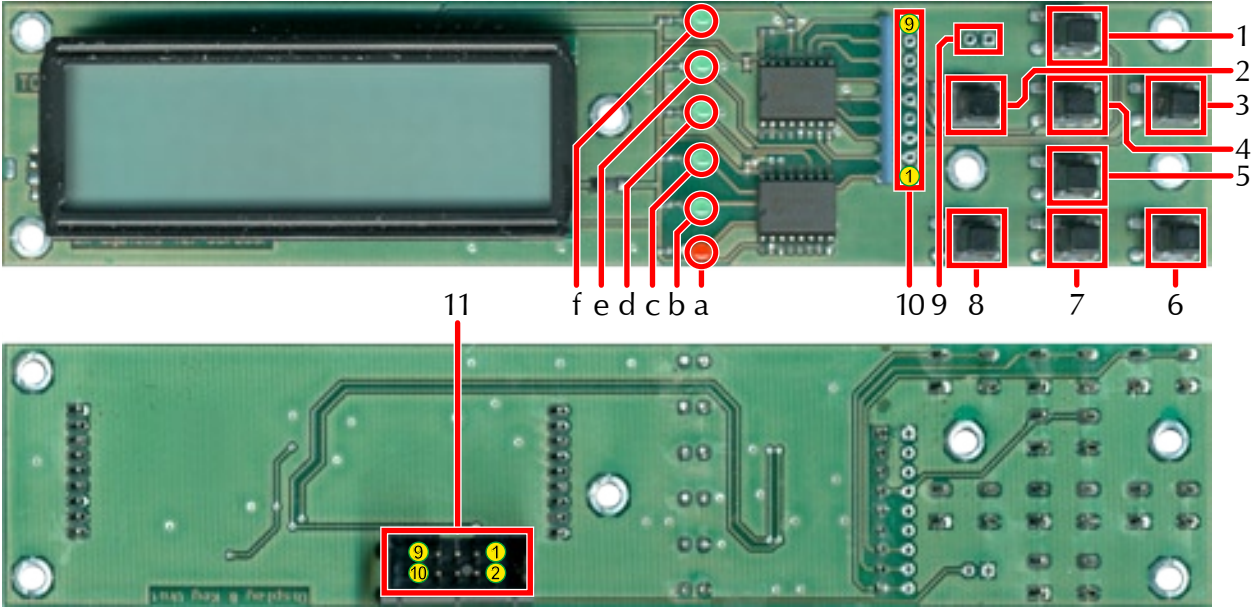


# 1 Connector description



board dimensions: 160x35 mm

<b>Keys and Connectors</b>	1	Key	Up
	2	Key	Left
	3	Key	Right
	4	Key	Enter
	5	Key	Down
	6	Key	Menu
	7	Key	Tx on/off
	8	Key	Backlight on/off
	9	2pin Header	Reset
	10	9pin Header	optional
	11	10pin Header	I <sup>2</sup> C-Bus

<b>LEDs</b>	a	LED red	Tx on
	b	LED green	Encoder loaded
	c	LED green	FPGA loaded
	d	LED green	Upconverter locked (if connected)
	e	LED green	Ext. Tuner NIM locked (if connected)
	f	LED green	Power 5,0 V

# 2 Pin description

<b>9 - Reset</b>
bridge to reset

<b>10 - optional</b>	
1	GND
2	P3 - right
3	P2 - up
4	P1 - down
5	P0 - Enter
6	P4 - Left
7	P5 - Menu
8	P6 - Tx on/off
9	P7 - Backlight on/off

<b>11 - I<sup>2</sup>C-Bus</b>			
1	+5,0 V	2	5V
3	SDA	4	SDA
5	SCL	6	SCL
7	Reset	8	IRQ
9	GND	10	GND