

### **DVB-T2**



DVB-T2 (OEM)

L-band DVB-S-S2-T modulator board can be used in various converters, modulators, transmodulators and other digital broadcasting equipment.

The sources of input transport stream for this modulator board may be the followings:

- 2 ch DVB-S-S2 receiver;
- DVB IP input/output board;
- DVB ASI TS input board;
- etc.

#### **KEY FEATURES:**

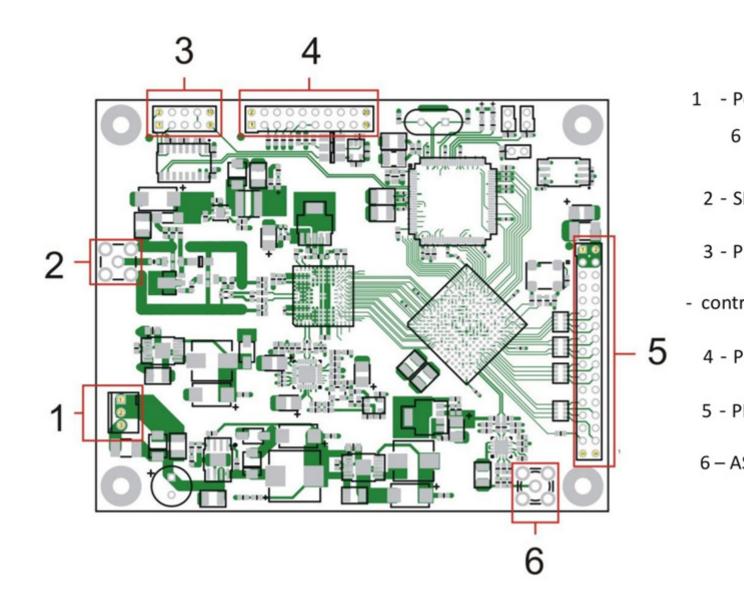
- High quality of the modulated signal;
- Remote management, monitoring and configuration by IP (using our IP control board)
- High symbol rate;
- Modulation up to 32APSK;
- Small size and low power consumption;
- Flexibility of scheme and devices which include our DVB boards.

Video instructions about L-band DVB-S-S2-T modulator board watch here Mouth europe unknown

Modulation type	DVB-T2
	Input

Input signal	parallel DVB transport stream from compatible modules or ASI input				
Type of input connector	PLD-34				
Modulation parameters					
DVB-T2 mode					
Constellation	QPSK, 16QAM, 64QAM, 256QAM				
MER	>42 dB@ 500MHz				
TS Mode Adaption	Normal, High eff				
FEC Frame Size	Normal, Short				
Coderate	1/2, 3/5, 2/3, 3/4, 4/5, 5/6				
Data Constellation	QPSK, 16QAM, 64QMA, 256QAM				
L1-Post Constellation	BPSK, QPSK, 16QAM, 64QAM				
Constellation Rotate	Enabled, Disabled				
Carrier Mode	1k, 2k, 4k, 8k, 8kext., 16k, 16k ext.				
Pilot S	PP2, PP3, PP8				
Guard Interval	1/4, 19/128, 1/8, 19/256, 1/16, 1/32, 1/128				
Bandwidth	1.7, 5, 6, 7 and 8 MHz				
Output					
RFout	-6 dBm +4.2 dBm @ 50				
Control Interface	TCP/IP				
Supply voltage	816 V				
Power consumption	~ 6 W				

Board dimensions	102x82 mm
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# Connector 1 - module power supply

- 1 GND
- 2 GND
- 3 8...16 VDC, 6 W

## Connector 3 - management module, RS-232

1	Not connected	2	TxD
3	RxD	4	Not connected
5	GND	6	Not connected
7	Con. with 8	8	Con. with 7
9	Reset	10	GND

### Connector 5 - trai

- 1 + 5,0 V
- 3 + 5,0 V
- 5 Not connect
- 7 Not connect
- 9 GND
- 11 TSCLK
- 13 Not connect
- 15 TSDATA 6
- 17 TSDATA 4
- 19 TSDATA 2
- 21 TSDATA 0
- 23 GND
- 25 Not connect
- 27 Not connect
- 29 GND
- 31 MCLK 27 MI
- 33 Not connect

Taking into consideration that we (UMT LLC) are developer and system integrator, also do not stop on our technical growth and improvement, know that view of all our devices and equipment including their technical parameters may be different from pictures presented on website and parameters listed on each device webpage.

**Note!** All details customer has to confirm in advance during ordering and before payment. Those parameters that were not specified and / or were not agreed while ordering will be implemented as basic at the discretion of the manufacturer. Each our customer has 1.5 year warranty and 7 year aftersales support for whole range of our products.