

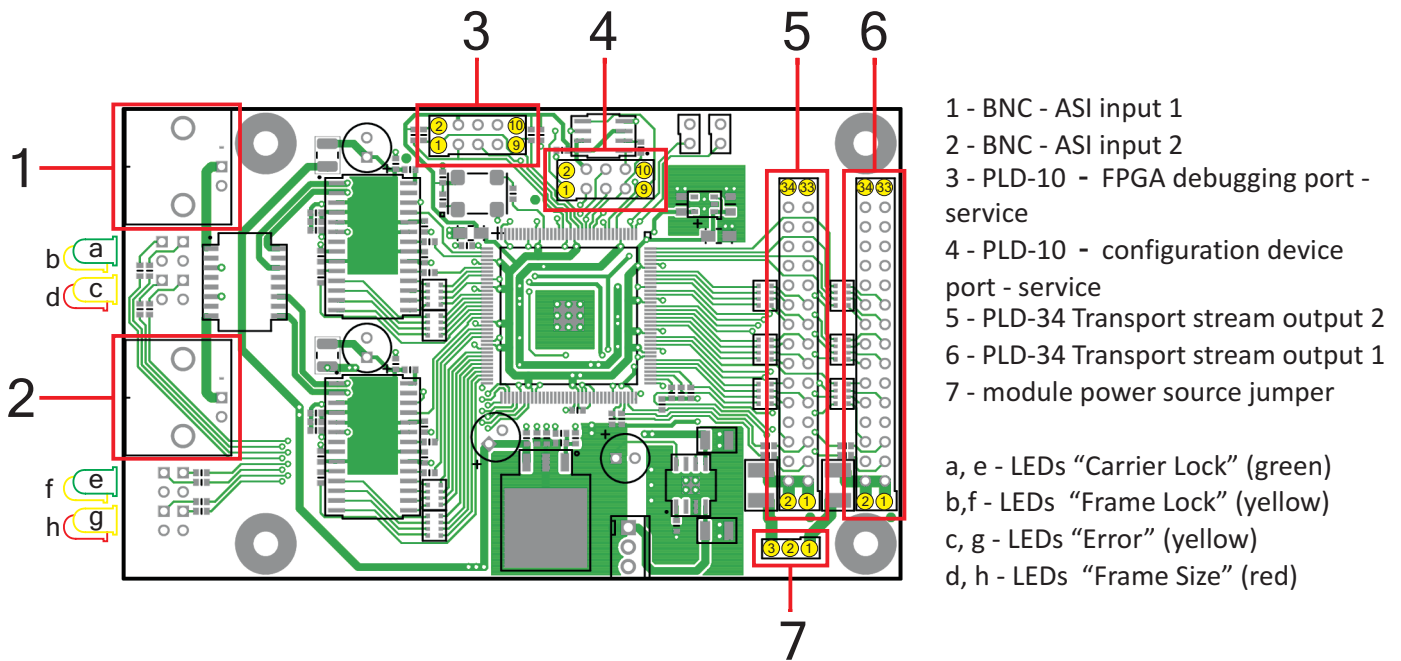
# ASI input module two channel

The module is designed to convert the ASI standard signal into a parallel DVB transport stream and can be used to build various converters and other digital broadcasting equipment. The module contains two identical channels. The transport streams from the module serves as an input signal for the DVB-S / -S2 / -C / -T - / -T2 modulator modules, DVB TS-to-IP converters and other formats compatible. ASI-signals to the input can be supplied in burst or byte mode, by 188 or 204 bytes in the packet. Output parallel transport streams is issued in byte mode (188 bytes in the packet), as the most universal and acceptable for all coupled modules. There is an LED indication of the operating modes.

## Main technical characteristics

Type of input signal	DVB ASI, electric
Modes of operation	burst, byte
Number of bytes in the packet	188/204
Determining the type of input stream	automatic
Number of inputs	2
Input connector type	BNC
Input voltage	200..880 mV
Input impedance	75 Ohm
Input bitrate	up to 180 Mbps
Output transport stream bitrate	up to 180 Mbps
Operating mode	byte
Number of bytes in the packet	188
Indication	presence and capture of the input signal, 188/204 bytes at the input
Power supply	+5 VDC +/-5%
Consumed power, no more than	3 W
Module board dimensions	100x60 mm

## Module Connectors



## Pin Assignment

### Connectors 5, 6 - Transport stream output

1	+ 5,0 V	2	+ 5,0 V
3	+ 5,0 V	4	+ 5,0 V
5	Not connected	6	Not connected
7	Not connected	8	Not connected
9	GND	10	GND
11	TSCLK	12	PSYNC
13	Not connected	14	DVAL
15	TSDATA 6	16	TSDATA 7
17	TSDATA 4	18	TSDATA 5
19	TSDATA 2	20	TSDATA 3
21	TSDATA 0	22	TSDATA 1
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

### Jumper 7 - module power supply

1-2 close - the module is powered by transport stream port 1  
 2-3 close - the module is powered by transport stream port 2

## Indication

LEDs a, e - "Carrier Lock" - whether or not there is an ASI carrier (when there is no flow, but the cable is connected and there is power)  
 LEDs b, f - "Frame Lock" - whether or not the ASI transport stream exists (if there is a carrier!)  
 LEDs c, g - "Error" - error in received ASI symbols  
 LEDs d, h - "Frame Size" - the size of the TP 188/204 (if there is a traffic flow!)