

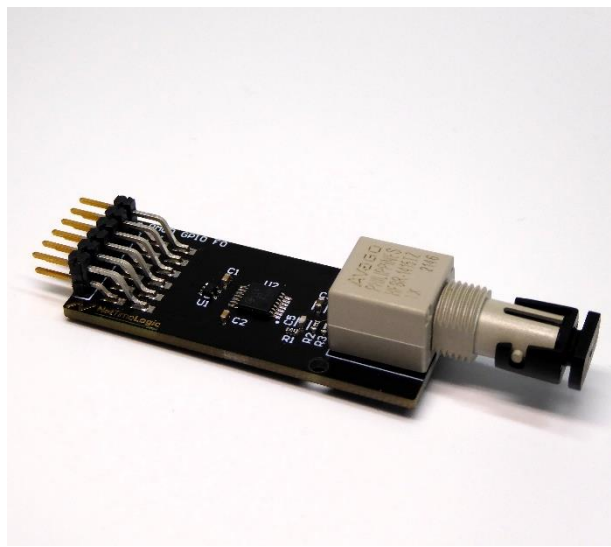
PmGpioFo

This Pmod™ compatible module provides a fiber-optic general-purpose output. The module allows send signals from DC up to 50 MBd. The module enables use-cases such as sending optical PPS, IRIG, TOD, etc. For receiving data the PM GPIO FI module can be used.

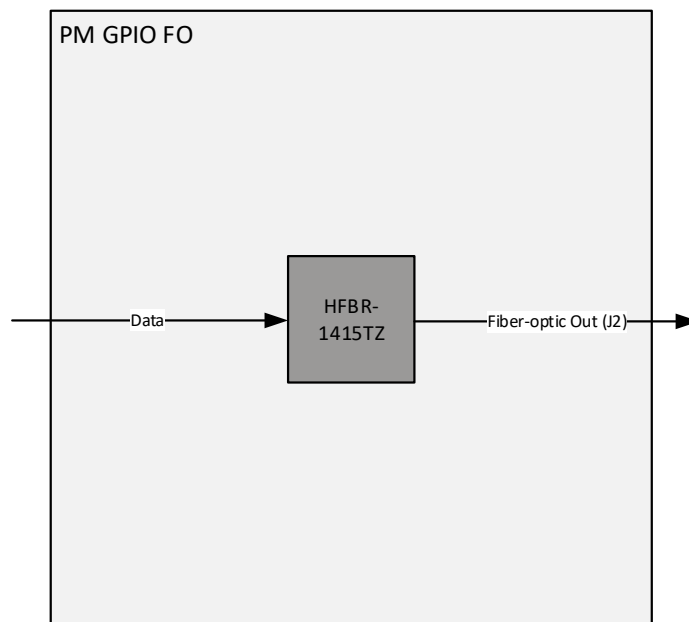
Key Features:

- Fiber-optic general purpose output
- Optical transmissions from DC up to 50 MBd
- Compatible with PM GPIO FI as a receiver

Module:



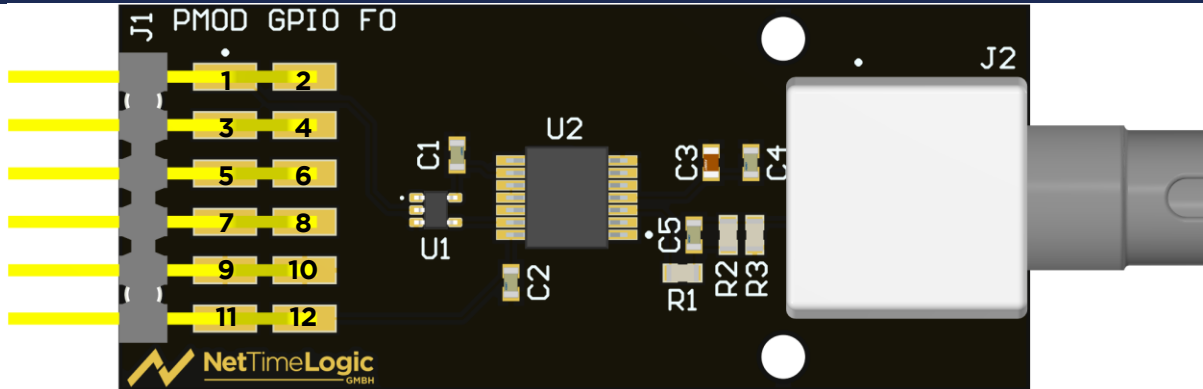
Block Diagram:



Specification:

Fiber-Optic Out	HFBR-1415TZ DC-50MBd Miniature Link Fiber Optic Sender
Output	Fiber-optic sender (J2): Nominal optical wavelength: 820nm

Pmod™ Pins and Module Overview:



Pin	Signal	Direction	Description
Header J1 (Pmod™)			
1	Data	In	Data to be sent via optical fiber
2	NC		-
3	NC		-
4	NC		-
5	NC		-
6	NC		-
7	NC		-
8	NC		-
9	GND		GND connection to the carrier board
10	GND		GND connection to the carrier board
11	VCC		3.3V supply from the carrier board
12	VCC		3.3V supply from the carrier board