

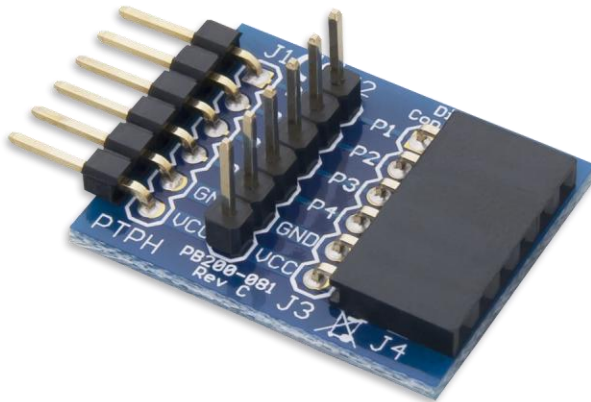
PmodTPH™ Reference Manual

Revised March 30, 2015

This manual applies to the PmodTPH rev. C

Overview

The Digiilent PmodTPH offers 6 external pin headers so that users can easily test the signals passing through each of the pins.



The PmodTPH.

Features include:

- 6 easily accessed test point headers
- Two 6-pin pass through headers
- Small form factor (1.00" x 0.80")

1 Functional Description

The PmodTPH is a great way for users to get easy access to signals coming in and out of the system board by acting as an intermediate between the system board and the peripheral component.

2 Interfacing with the Pmod

The PmodTPH is a pass through module, making it essentially equivalent to a set of six wires coming from the system board with center taps that users can attach their multimeter probes to. Consequently, there is no particular protocol that is associated directly with this Pmod.

Pin	Signal	Description
1	P1	Signal 1
2	P2	Signal 2
3	P3	Signal 3
4	P4	Signal 4
5	GND	Power Supply Ground
6	VCC	Positive Power Supply

Table 1. Pinout description table.

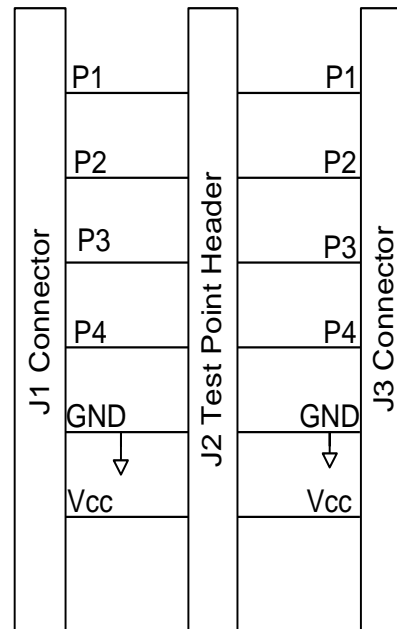


Figure 1. Test point header diagram.

As there are no integrated circuits on this Pmod, any external power that is usable with the system board can be applied to the PmodTPH.

3 Physical Dimensions

The pins on the pin header are spaced 100 mil apart. The PCB is 1 inch long on the sides parallel to the pins on the pin header and 0.8 inches long on the sides perpendicular to the pin header.