

Digilent PmodTPH Test Point Header Board Reference Manual

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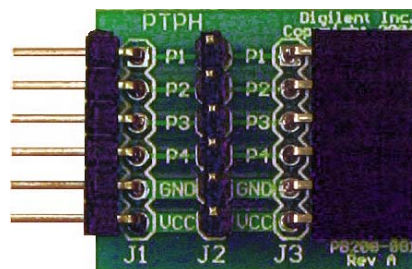
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Overview

The Digilent PmodTPH Test Point Header Module Board (the TPH) is an ideal way to test the connection between a Pmod™ and system board. It simply passes signals from the J1 connector to the J2 connector, providing test-point access via the J2 header.

Features include:

- two 6-pin pass-through headers
- a 6-pin test point header
- small form factor (1.00" x 0.80").



Functional Description

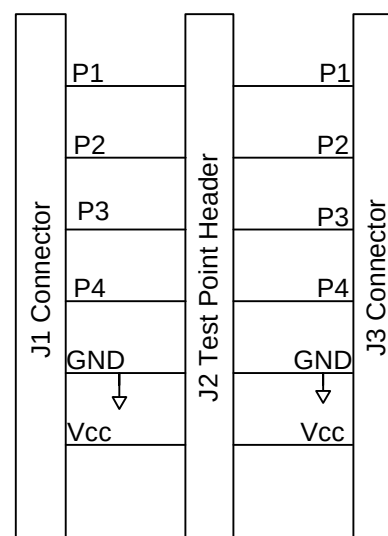
The TPH has a right-angle 6-pin header and right-angle 6-pin connector so that it can be inserted easily between a system board and Pmod board. A vertical 6-pin header in the center of the board allows test measurement probes to be attached easily.

Each prong on the test point header corresponds to the connection formed by the two devices through the TPH's 6-pin header and connector.

The TPH allows for testing and debugging individual connections using an oscilloscope, voltmeter, or logic analyzer.

The TPH has a 6-pin header for easy connection to a Digilent system board. Some system boards, like the Digilent Pegasus board, have a 6-pin header that can connect to the TPH with a 6-pin cable.

To connect the TPH module to other Digilent system boards, a Digilent Modular Interface Board (MIB) and a 6-pin cable may be needed. The MIB plugs into the system board, and the cable connects the MIB to the TPH.



Test Point Header Diagram