Digilent PmodSWT™ Switch Module Board Reference Manual

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Overview

The Digilent PmodSWT Switch Module Board (the SWT™) has four slide switches that can be used to provide "on and off" inputs to a circuit.

Features include:

- four slide switches with series resistors
- one 6-pin header
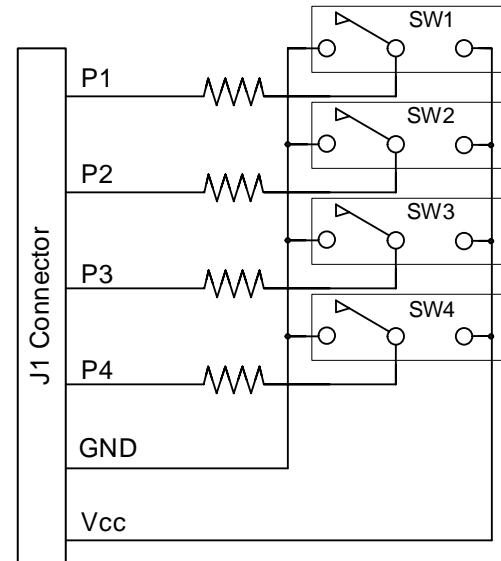- small form factor (1.30" x 0.80").

Functional Description

The SWT's switches can be used as mode switches and also as data input switches. They can be activated separately or together in any combination.

When the switch is in the up position it sends the voltage on the VCC pin to the corresponding pin on J1, and when the switch is in the down position it sends GND to the corresponding pin on J1.

The SWT 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 SWT with a 6-pin cable.

To connect the SWT 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 SWT.

Switch Module Circuit Diagram

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Components Supply Platform

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