

Digilent Breadboard/Wirewrap Reference Manual

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Overview

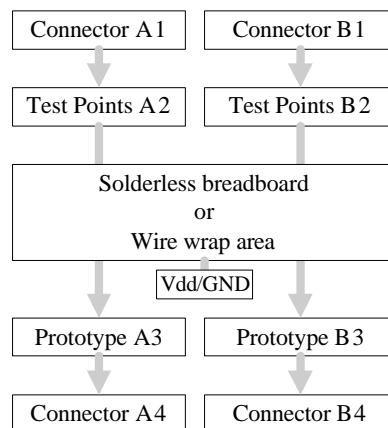
The Digilab breadboard/wirewrap board (DBB) offers a ready-made solution for creating breadboard or wirewrap circuits as accessories to Digilab system boards. All signals pass directly through the DBB, so it can be inserted between system boards and I/O boards. All signals are also brought to test point and prototyping connectors for convenience.

DBB features include:

- A large 540 tie-point breadboard with separate pre-connected power/GND tracks, or a 540-hole wirewrap area;
- Test point connections on every signal;
- Prototype/wirewrap connections on every signal;
- Compatibility with all Digilab system boards for easy design extension.

Functional Description

The DBB simply extends the A & B and E & F connectors of Digilab system boards. All signals originating from a system board pass directly through the DBB from the connectors on one side of the board to the other. All signals are brought out to both test point and prototyping connectors, so they may easily be accessed. The DBB provides a large breadboard/wirewrap area where accessory



Digilab breadboard (DBB) schematic

circuits can easily be constructed and attached directly to signals arising from a connected system board. Multiple DBB's can be used to create an even larger breadboard area. The Vdd and GND signals generated by the connected system board are made available to the breadboard area.

Signals and Connector Pinouts

All signals on the DBB are labeled with an "A" or "B", appended with the connector pin number.