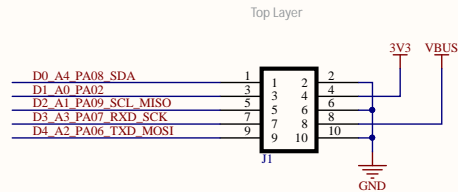


Binho - Total Retrofitter

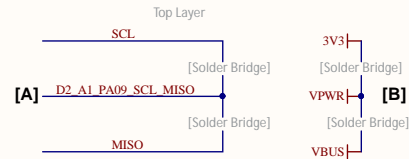
Revision Log

Rev	Date	Description	Author
A	12/31/2018	Initial Release	J. Georgino
B	5/29/2019	Updated PCB Silkscreen Layer	J. Georgino

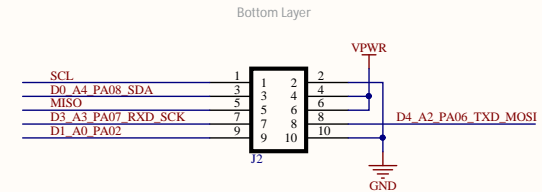
Binho USB Host Adapter Connector



Configuration



2.54mm 2x5 Connector



Configuration Notes:

[A]: Protocol Configuration

In order to match competitive product pinouts for both I2C and SPI bus compatibility, the connection to IO2 of Binho Multi-Protocol USB Host Adapter must be routed to the desired pin. This configuration is achieved by shorting copper pads on the top layer either with a 00hm 0402 resistor or with a solder bridge.

Note that it may be possible to short both bridges at the same time, depending on the usage/routing of the signals on DUT.

[B]: Power Configuration

The Binho Multi-Protocol USB Host Adapter is able to supply both 3v3 and 5V (Vusb) power rails, however competitive products offer only one rail voltage. As such, this board was designed such that it can be configured to provide either 3v3 or 5v to the power rail pins. This configuration is achieved by shorting copper pads on the top layer either with a 00hm 0402 resistor or with a solder bridge.

Note that these solder bridges are exclusive, such that only one bridge can be in place at any given time.

Please see the Total Retrofitter Configuration Guide online for visual reference.

TITLE <i>Total Retrofitter</i>		DATE 5/29/2019
SHEET 1 of 1	REV B	
DRAWN BY J. Georgino		
ITEM # BIN003	ITEM NAME Total Retrofitter	

