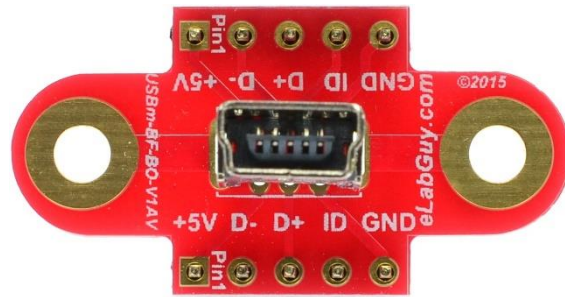


USBm-BF-BO-V1AV

1. Description:

USBm-BF-BO-V1AV is a simple Mini USB2.0 Type B female socket breakout board. It brings all 5 pins of a Mini USB2.0 Type B connector to screw terminal blocks and headers for easy testing, prototyping and breadboard connection. For breadboard connections, user can use the two 5pin headers on both sides of the breakout board for a steady connection.



2. Features:

- All 5 pins of Mini USB2.0 Type B female socket brought out to headers and screw terminal blocks
- Various connecting method chosen by users.
- 0.5"(12.70mm)X1.185"(30.1mm) board dimensions
- 2 mounting holes with 3mm diameter hole size

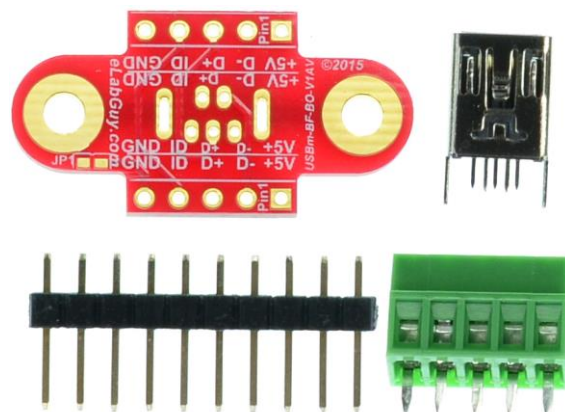


Figure 1: Parts inside the kit
(Note: the module is not assembled, user can decide which connector to use on the module.)

3. Parts:

- 1) 1pc X USBm-BF-BO-V1AV PCB
- 2) 1pc X Mini USB Type B Female Socket
- 3) 1pc X 5pin0.1"(2.54mm) spacing terminal block
- 4) 1pc X 10pin0.1"(2.54mm) header

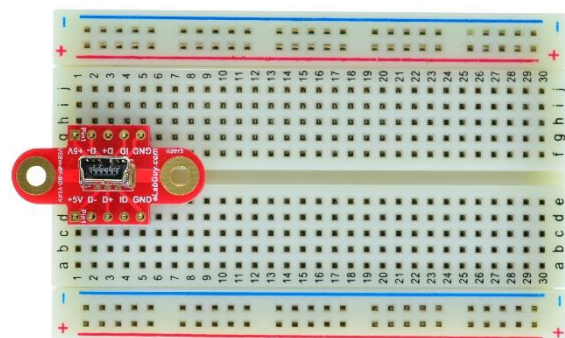


Figure 2: Example of connecting the USBm-BF-BO-V1AV on a breadboard



Figure 3: USBm-BF-BO-V1AV Various connections

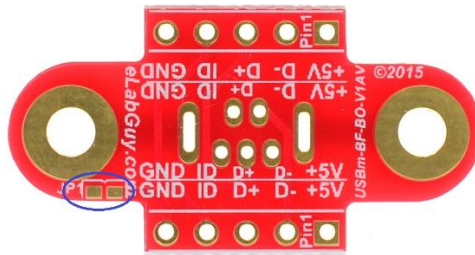


Figure 4: Optional Jumper connects Shield to GND

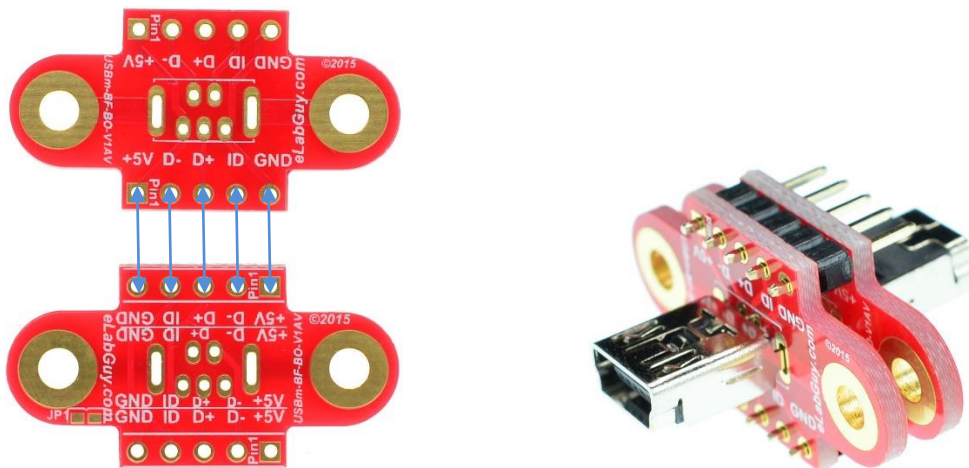


Figure 5: Combine a normal USBm-BF-BO-V1AV and another USBm-BF-BO-V1AV with the HDMI connector soldered on the back of the PCB to form a mini USB Female to Female adapter.

Related products from eLabGuy:



USBm-BM-BO-V1A



USBm-μ-BF-BO-V1A