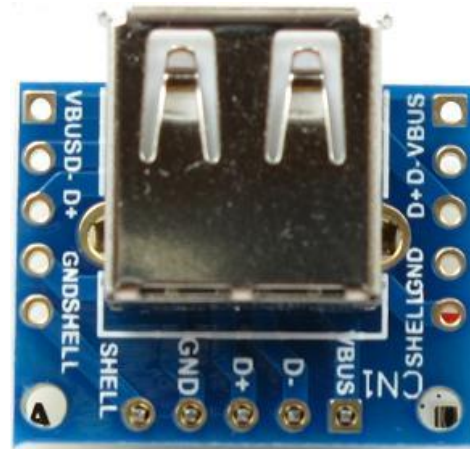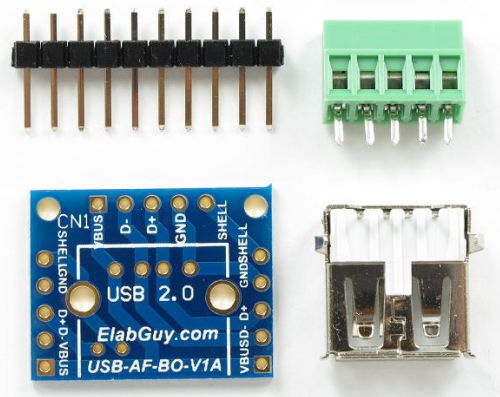# USB-AF-BO-V1A

1. Description:

USB-AF-BO-V1A is a simple USB2.0 Type A female socket breakout board. It brings all 4 pins of a USB2.0 Type A connector to screw terminal blocks and headers for easy testing, prototyping and breadboard connection. For breadboard connections, user can use the 5pin header on the bottom for a sideways connection. User can also use the two 5pin headers on both sides of the breakout board to connect to the front end of the breadboard for a steady connection.

2. Features:

- All 5 pins (including shell) of a USB2.0 Type A female socket brought out to headers and screw terminal blocks
- Various connecting method chosen by users.
- 0.9"(22.86mm) X 0.7"(17.78mm) board dimensions

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

3. Parts:

- *1pc* X **USB-AF-B0-V1A PCB**
- *1pc* X **USB2.0 Type A socket**
- *1pc* X **5pin 0.1"(2.54mm) spacing terminal block**
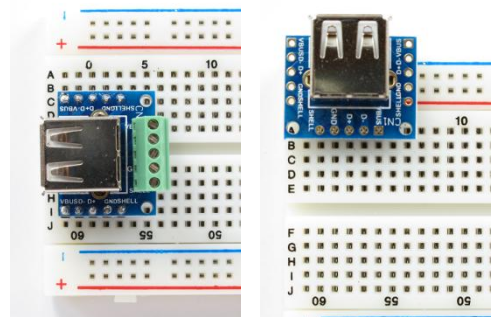- *1pc* X **10pin 0.1"(2.54mm) header**

Figure 2: Examples of various methods for connecting the USB-AF-V1A to a breadboard