

APPLE-LF-BO-V1A

1. Description:

APPLE-LF-BO-V1A is a simple Apple Lightning Female socket breakout board. It brings all 8 pins of an Apple Lightning Female connector to screw terminal blocks and headers for easy testing, prototyping and breadboard connection. For breadboard connections, user can use the 10pin 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 10 pins (including shield and insert detect pin) of an Apple Lightning Female socket brought out to headers and screw terminal blocks
- Various connecting method chosen by users.
- 1.0"(25.4mm)X0.7"(17.78mm) board dimensions

3. Parts:

- 1) 1pc X **APPLE-LF-BO-V1A PCB**
- 2) 1pc X **Apple Lightning Female socket**
- 3) 2pc X **5pin 0.1"(2.54mm) spacing terminal block**
- 4) 1pc X **10pin 0.1"(2.54mm) header**

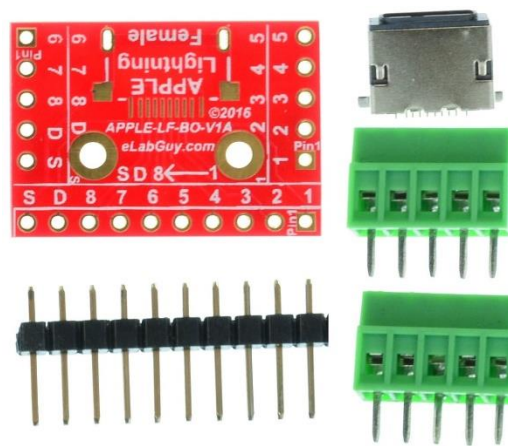
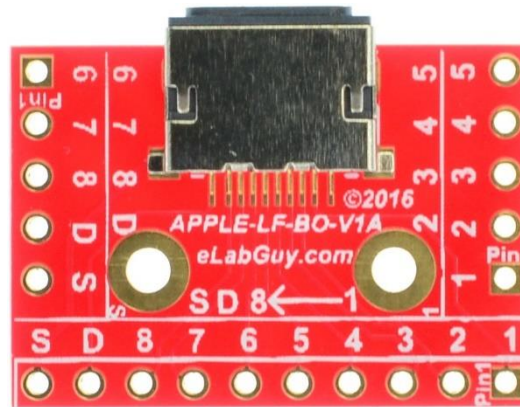


Figure 1: Parts inside the kit
(Note: the module is not assembled, user can decide which connector to use on the module.)

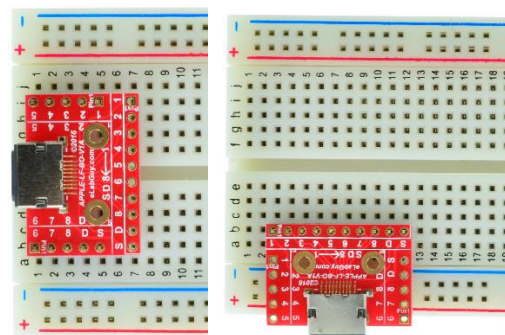


Figure 2: Example of connecting the APPLE-LF-BO-V1A on a breadboard

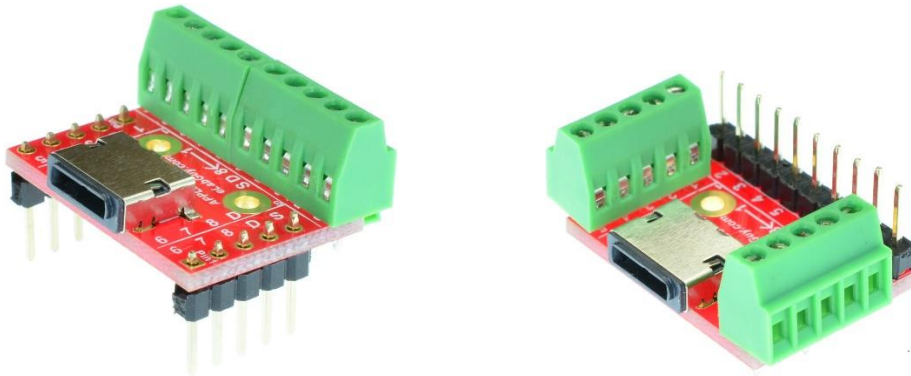


Figure 3: APPLE-LF-BO-V1A Various connections

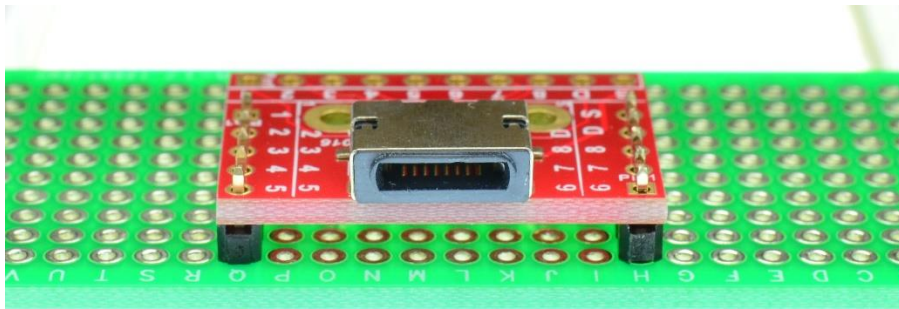


Figure 5: Solid Mounting on prototype PCB

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