

APPLE-LM-LM-V1A

1. Description:

APPLE-LM-LM-V1A is a simple Apple Lightning Male to Male pass-through adapter breakout board. It brings all 16 pins of two Apple Lightning Male connector to screw terminal blocks and headers for easy testing, prototyping and breadboard connection. All 16 pins of a Lightning Male connector is directly connected to another Lightning Male connector. For breadboard connections, user can use the two 8pin headers on both sides of the breakout board to connect to the front end of the breadboard for a steady connection.

2. Features:

- All 16 pins of a Lightning Male connector is directly connected to another Lightning Male connector.
- All 16 pins of two Apple Lightning Male connector brought out to headers and screw terminal blocks
- Various connecting method chosen by users.
- 2 mounting holes with 2mm diameter hole size
- 1.0"(25.40mm)X0.8"(20.32mm) board dimensions

3. Parts:

- 1) 1pc X **APPLE-LM-LM-V1A PCB**
- 2) 2pc X **Apple Lightning Male Plug**
- 3) 2pc X 8pin 0.1"(2.54mm) spacing **terminal block**
- 4) 1pc X 16pin 0.1"(2.54mm) **header**

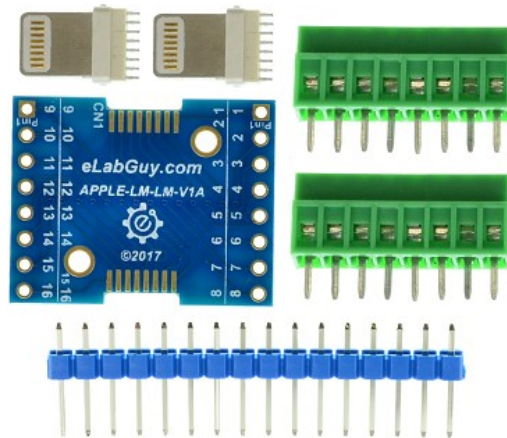


Figure 1: Parts inside the kit
(Note: the module is not assembled, user can decide which connector to use on the module.)

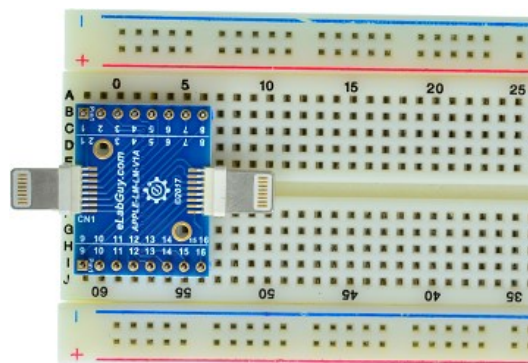


Figure 2: Example of connecting the APPLE-LM-LM-V1A on a breadboard (Note: This picture only shows the pins spacing, actual use may not be used on a breadboard)



Figure 3: APPLE-LM-LM-V1A Various connections

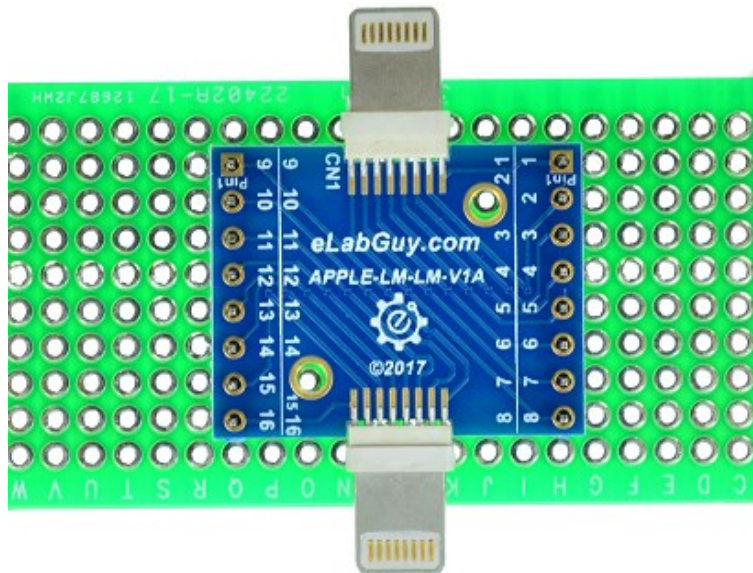


Figure 5: Solid Mounting on prototype PCB

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