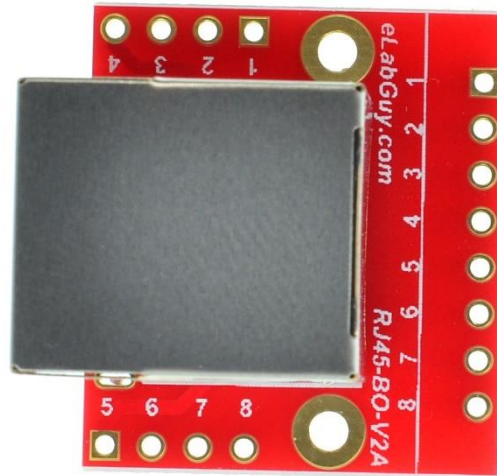![eLabGuy logo]

RJ45-BO-V2A

1. Description:

RJ45-BO-V2A is a simple RJ45 8P8C socket breakout board. It brings all 8 pins of a RJ45 socket to screw terminal blocks or headers for easy testing, prototyping and breadboard connection. For breadboard connections, user can use the 8pin header on the bottom for a sideways connection. User can also use the two 4pin headers on both sides of the breakout board to connect to the front end of the breadboard for a steady connection.

2. Features:

- All 8 pins of a RJ45 8P8C socket brought out to headers or screw terminal blocks
- Various connecting method chosen by users.
- 2 mounting holes with 2mm diameter hole size
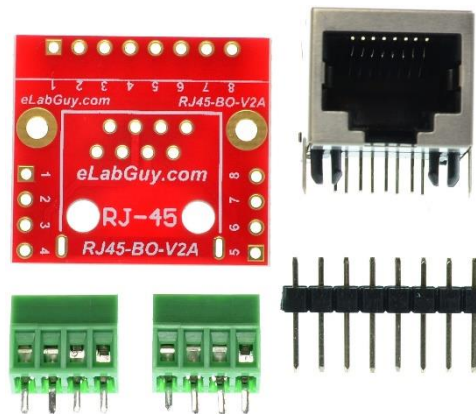- 1.0"(25.40mm) X 0.9"(22.86mm) board dimensions

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 **RJ45-BO-V2A PCB**
- *1pc* X **RJ45 socket**
- *2pc* X **4pin0.1"(2.54mm) spacing terminal block**
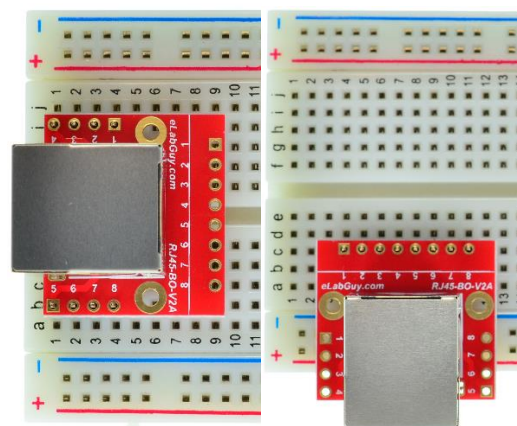- *1pc* X **8pin0.1"(2.54mm) header**

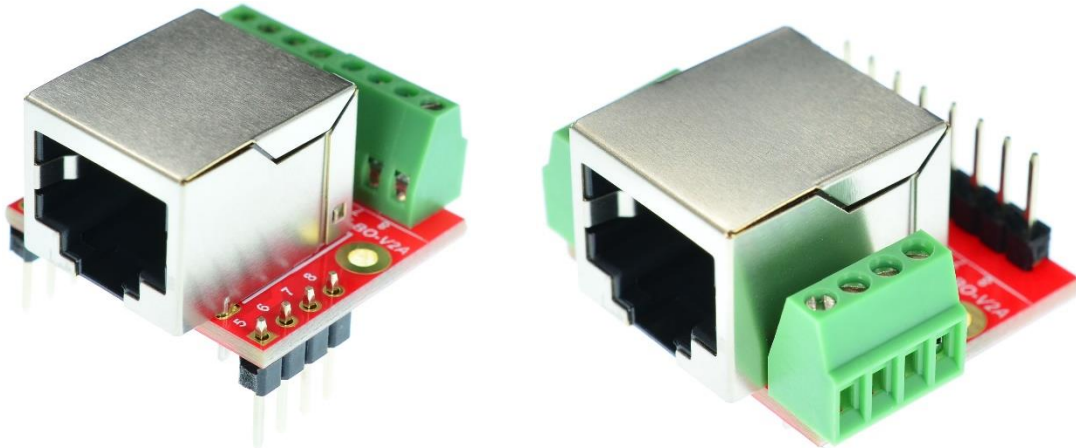*Figure 2: Example of connecting the* RJ10-BO-V1A *on a breadboard*
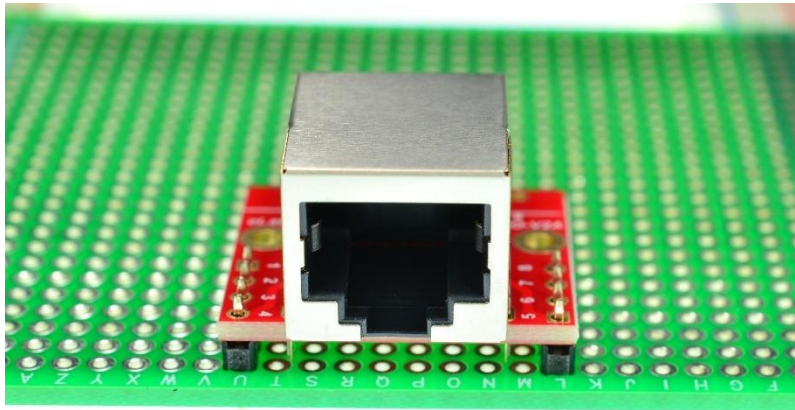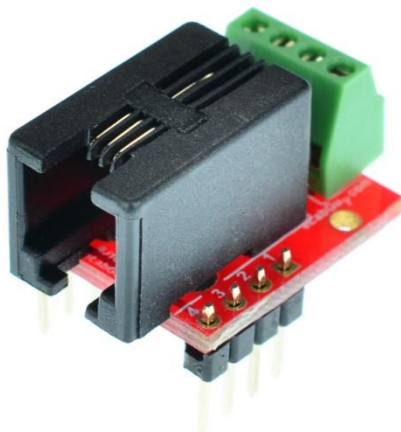
*Figure 3:*RJ45-BO-V2A *various connections*

Figure 4: Solid Mounting on prototype PCB

Related products from eLabGuy:

RJ10-BO-V1A

RJ11-BO-V2A