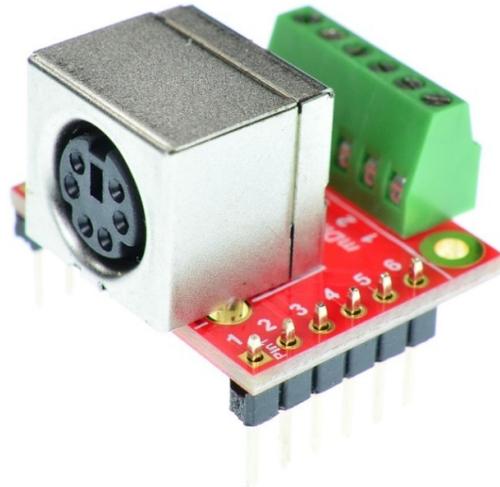


# mDIN6-F-BO-V2A

## 1. Description:

mDIN6-F-BO-V2A is a simple mini Din 6 Female socket breakout board (Also known as PS/2, A7000, Mouse or Keyboard connector). Unlike the other eLabGuy mini Din breakout board, the mDin6-F-BO-V2A PCB is designed only for mini Din 6 connector. It brings all 6 pins of a mini Din 6 Female socket to screw terminal blocks or 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 6 pins of a mini Din 6 Female 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"(25.4mm)X0.8"(20.32mm)board dimensions

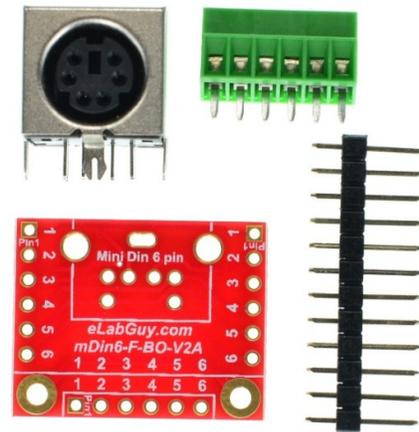


Figure 1: Parts inside the kit  
(Note: the module is not assembled, user can decide which connector to use on the module.)

## 3. Parts:

- 1) 1pc X mDIN6-F-BO-V2APCB
- 2) 1pc X mini Din 6 Female socket
- 3) 1pc X 6pin0.1"(2.54mm) spacing terminal block
- 4) 1pc X 12pin0.1"(2.54mm) header

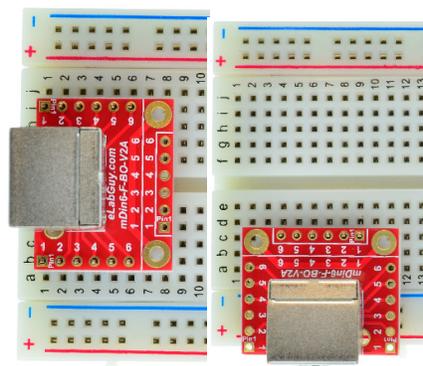


Figure 2: Example of connecting the mDIN6-F-BO-V2A on breadboard



Figure 3: mDIN6-F-BO-V2A various connections



Figure 4: Mini Din 6 Female connector pinout

## Related products from eLabGuy:



*mDIN4-F-BO-V1A*



*mDIN5-F-BO-V1A*



*mDIN8-F-BO-V1A*