DVI-DSM-BO-V1A

1. Description:

DVI-DSM-BO-V1A is a simple DVI-D Single Link Male breakout board. It brings all 18 pins of a DVI-D Single Link Male connector to screw terminal blocks or headers for easy testing, prototyping and breadboard connection. For breadboard connections, user can use the two 15pin headers on both sides of the breakout board to connect to the front end of the breadboard for a steady connection.

2. Features:

- All 18 pins of a DVI-D Single Link Male connector brought out to headers or screw terminal blocks
- Various connecting method chosen by users.
- 2 mounting holes with 3mm diameter hole size
- 1.0"(25.4mm)X1.84"(46.8mm) board dimensions

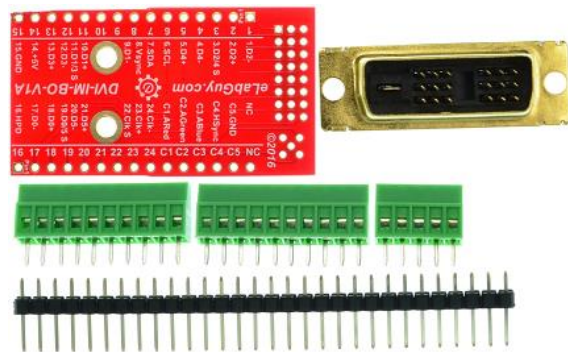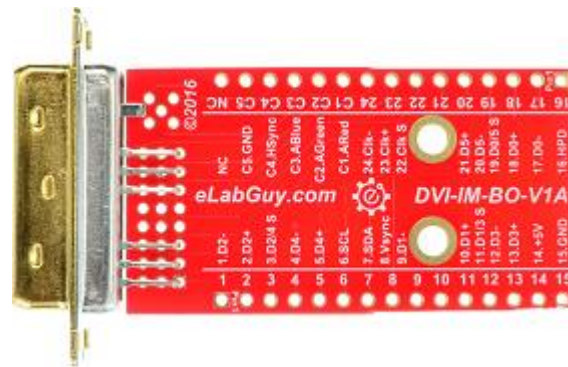*Figure 1: Parts inside the kit*
(Note: the module is not assembled, user can decide which connector to use on the module.)

3. Parts:

1) *1pc* X **DVI-DSM-BO-V1A PCB**
2) *1pc* X **DVI-D Single Link Male connector**
3) *1pc* X **5pin 0.1"(2.54mm) spacing terminal block**
4) *2pc* X **10pin 0.1"(2.54mm) spacing terminal block**
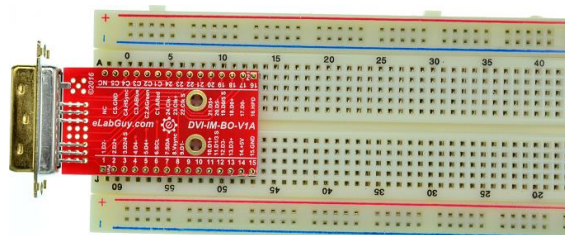5) *1pc* X **30pin 0.1"(2.54mm) header**

Figure 2: Example of connecting the DVI-DSM-BO-V1A on a breadboard
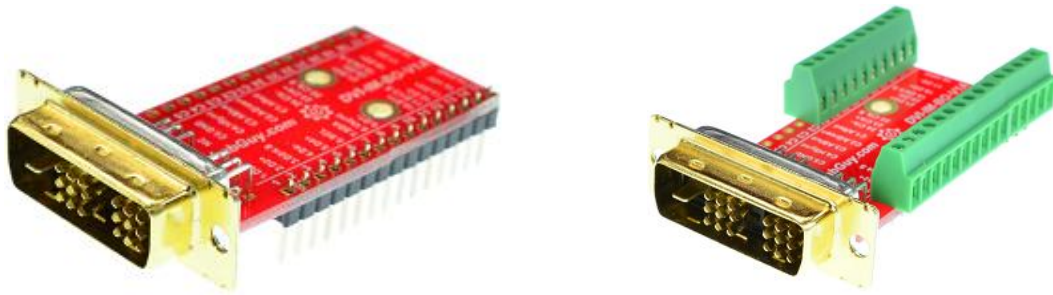
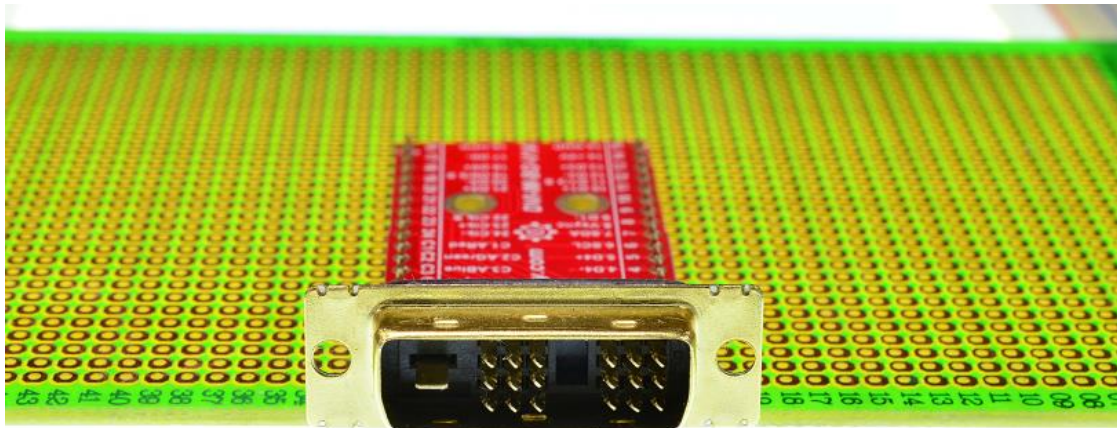*Figure 3:* DVI-DSM-BO-V1A *various connections*

Figure 4: Solid Mounting on prototype PCB

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