

DVI-DM-DSM-V1A

1. Description:

DVI-DM-DSM-V1A is a simple DVI-D dual link male to DVI-D single link male pass-through adapter breakout board. It brings all 18 pins of DVI-D dual link male connector and a DVI-D single link male connector to screw terminal blocks and headers for easy testing, prototyping and breadboard connection. All 18 pins of the DVI-D dual link Male connector are directly connected to a DVI-D single link Male connector. 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 dual link male connector are directly connected to a DVI-D single link male connector.
- All 18 pins of DVI-D dual link male and DVI-D single link male connectors brought out to headers and screw terminal blocks
- Various connecting method chosen by users.
- 4 mounting holes with 3mm diameter hole size
- 1.48"(37.5mm)X2.19"(55.6mm) board dimensions

3. Parts:

- 1) 1pc X DVI-IM-IM-V1A PCB
- 1) 1pc X DVI-D dual link male connector
- 1) 1pc X DVI-D dual single male connector
- 2) 2pc X 5pin 0.1"(2.54mm) spacing terminal block
- 2) 2pc X 10pin 0.1"(2.54mm) spacing terminal block
- 1) 1pc X 30pin 0.1"(2.54mm) header

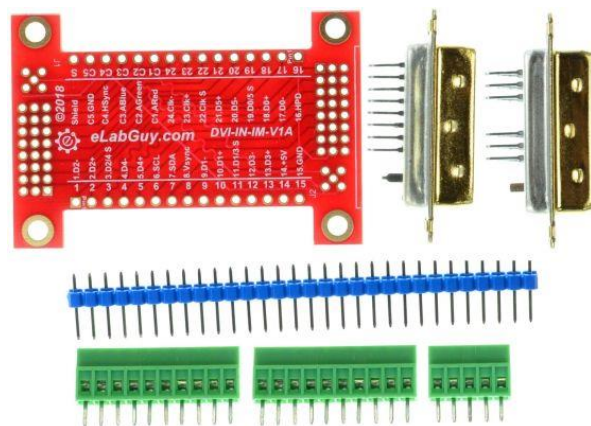


Figure 1: Parts inside the kit
(Note: the module is not assembled, user can decide which connector to use on the module.)

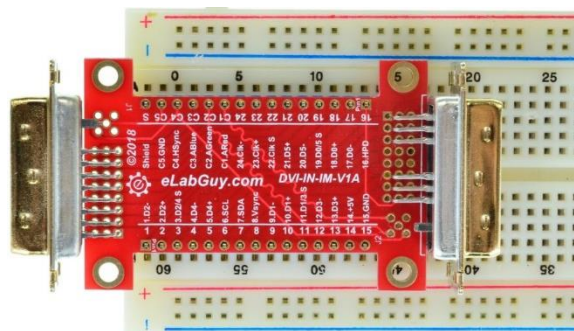


Figure 2: Example of connecting the DVI-DM-DSM-V1A on a breadboard (Note: This picture only shows the pins spacing, actual use may not be used on a breadboard)



Figure 3: DVI-DM-DSM-V1A with headers



Figure 4: DVI-DM-DSM-V1A with terminal block



Figure 5: DVI-D dual link male



Figure 6: DVI-D single link male

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