DVI-IF-IM-V1A

1. Description:

DVI-IF-IF-V1A is a simple DVI-I dual link female to DVI-I dual link male pass-through adapter breakout board. It brings all 29 pins of DVI-I dual link female connector and a DVI-I dual link male connector to screw terminal blocks and headers for easy testing, prototyping and breadboard connection. All 29 pins of the DVI-I Female connector are directly connected to a DVI-I 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.

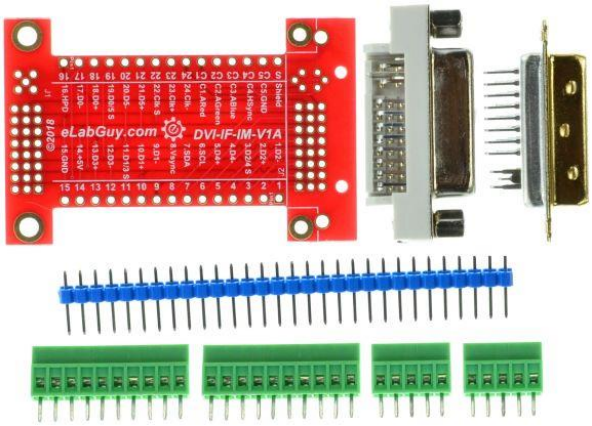

Figure 1: Parts inside the kit
(Note: the module is not assembled, user can decide which connector to use on the module.)

2. Features:

- All 30 pins (including shield) of a DVI-I dual link female connector is directly connected to a DVI-I dual link male connector.
- All 29 pins of DVI-I dual link female and male connectors brought out to headers and screw terminal blocks
- Various connecting method chosen by users.
- 2 mounting holes with 2mm diameter hole size
- 2 mounting holes with 3mm diameter hole size
- 1.48"(37.5mm)X2.31"(58.6mm) board dimensions

3. Parts:

1) *1pc* X **DVI-IF-IM-V1A PCB**
2) *1pc* X **DVI-I dual link female connector**
3) *1pc* X **DVI-I dual link male connector**
4) *2pc* X **5pin 0.1”(2.54mm) spacing terminal block**
5) *2pc* X **10pin 0.1”(2.54mm) spacing terminal block**
6) *1pc* X **30pin 0.1”(2.54mm) header**

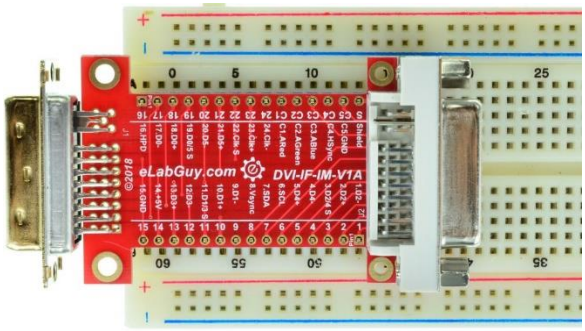

Figure 2: Example of connecting the DVI-IF-IM-V1A *on a breadboard (Note: This picture only shows the pins spacing, actual use may not be used on a breadboard)*

Figure 3: DVI-IF-IM-V1A *with headers*

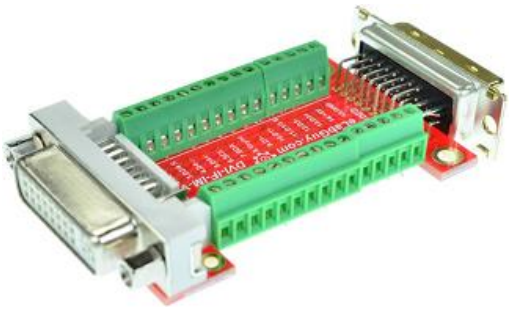

Figure 4: DVI-IF-IM-V1A *with terminal block*

Figure 5: DVI-I Dual link female

Figure 6: DVI-I Dual link male

Related products from eLabGuy:

DVI-IF-IM-V1A

DVI-IF-DF-V1A

DVI-IF-DSM-V1A

DVI-IF-IF-V1A