D9-M-M-V1A

1. Description:

D9-M-M-V1A is a simple DB9 Male to DB9 Male pass-through adapter breakout board. It brings all 9 pins of two DB9 Male connectors to screw terminal blocks and headers for easy testing, prototyping and breadboard connection. All 9 pins of a Male connector directly connect to another Male connector. User can also use the two 5 pins headers on both sides of the breakout board to connect to breadboard or prototype PCB.

2. Features:

- All 10 pins (including shield) of two DB9 Male connectors brought out to headers and screw terminal blocks
- All 9 pins of a DB9 Male connector directly connect to another DB9 Male connector.
- Various connecting method chosen by users.
- 4 X 2.0mm mounting holes
- 1.21"(30.8mm)X2.04"(51.8mm) board dimensions

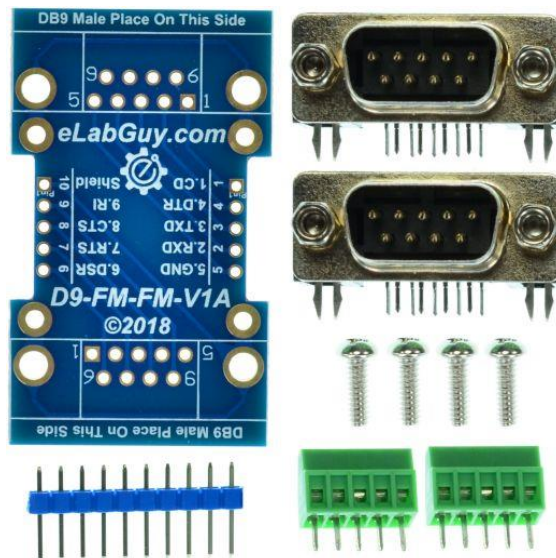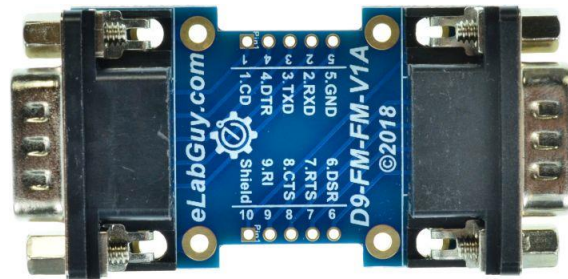*Figure 1: Parts inside the kit*
(Note: the module is not assembled, user can decide which connector to use on the module.)

3. Parts:

1) *1pc* X **D9-FM-FM-V1A PCB**
2) *2pc* X **DB9 Male Connector**
3) *2pc* X **5pin 0.1"(2.54mm) spacing terminal block**
4) *1pc* X **10pin 0.1"(2.54mm) header**
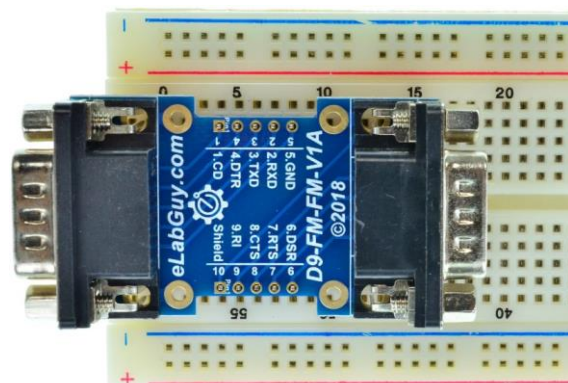5) *4pcs* X**4-40UNC diameter 8.3mm long screws**

Figure 2: Example of connecting the D9-M-M-V1A on a proto PCB (Note: This picture only shows the pins spacing, actual use may not be used on a breadboard)

Figure 3: D9-M-M-V1A *with headers*

Figure 4: D9-M-M-V1A *with terminal blocks*

Caution!! When assembling the D9-M-M-V1A, please make sure you place the connector on the right side.

D9-F-F-V1A (Female) should place on this side

D9-M-M-V1A (Male) should place on this side

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