HDMI-AF-AM-V1A

1. Description:

HDMI-AF-AM-V1A is a simple HDMI Type A Female to HDMI Type A Male pass-through adapter breakout board. It brings all 20 pins of a HDMI Type A Female and a HDMI Type A Male connector to screw terminal blocks and headers for easy testing, prototyping and breadboard connection. All 20 pins of the Female connector directly connect to the Male connector. User can also use the two 10 pins headers on both sides of the breakout board to connect to breadboard or prototype PCB.

2. Features:

- All 20 pins of a HDMI Type A Female and a HDMI Type A Male connector brought out to headers and screw terminal blocks
- All 20pins of a HDMI Type A Female connector directly connect to a HDMI Type A Male connector.
- Various connecting method chosen by users.
- 1.0"(25.4mm)X1.0"(25.4mm) board dimensions

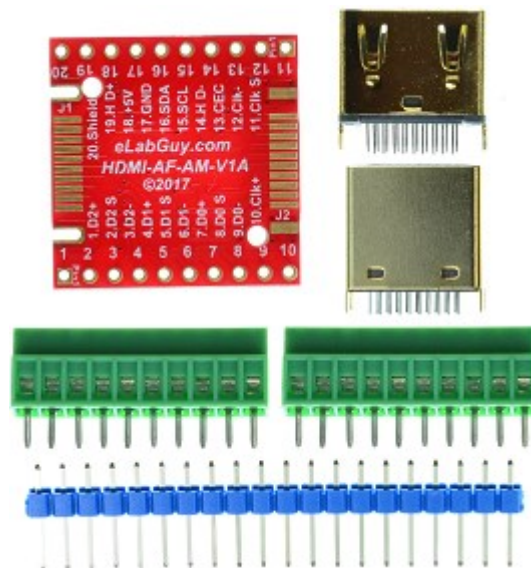Figure 1: Parts inside the kit
(Note: the module is not assembled, user can decide which connector to use on the module.)

3. Parts:

1) *1pc* X **HDMI-AF-AM-V1A PCB**
2) *1pc* X **HDMI Type A Female Connector**
3) *1pc* X **HDMI Type A Male Connector**
4) *2pc* X **10pin 0.1"(2.54mm) spacing terminal block**
5) *1pc* X **20pin 0.1"(2.54mm) header**

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

Figure 3: HDMI-AF-AM-V1A *with headers*

Figure 4: HDMI-AF-AM-V1A *with terminal blocks*

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