USB3.1-CF-CF-V1A

1. Description:

USB3.1-CF-CF-V1A is a simple USB3.1 Type C Female to Female pass-through adapter breakout board. It brings all 24 pins of two USB3.1 Type C Female connectors to screw terminal blocks and headers for easy testing, prototyping and breadboard connection. All 24 pins of the Female connector directly connect to another Female connector with reversed port, for example USB3.1 connector J1 TX1 pins connect to USB3.1 connector J2 TX2 pins. User can use the two 12pin headers on both sides of the breakout board to connect to breadboard or prototype PCB. **(Note: This pass through board is only for continuity and slow speed signal test, it cannot handle high speed signal.)**

2. Features:

- All 24 pins of two USB3.1 Type C Female connectors brought out to headers and screw terminal blocks
- All 24pins of a USB3.1 Type C Female connector directly connect to another Female connector with reversed port.
- Various connecting method chosen by users.
- 0.9"(22.86mm)X1.2"(30.48mm) board dimensions

3. Parts:

1) *1pc* X **USB3.1-CF-CF-V1A PCB**
2) *2pc* X **USB3.1 Type C Female Connector**
3) *2pc* X **12pin 0.1"(2.54mm) spacing terminal block**
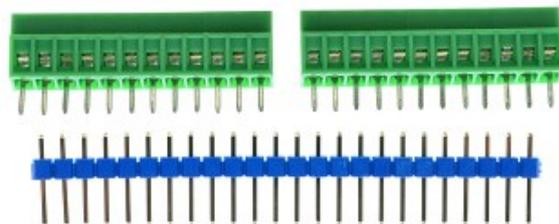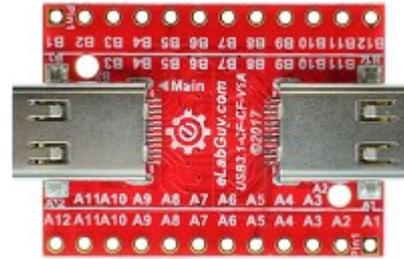4) *1pc* X **24pin 0.1"(2.54mm) header**

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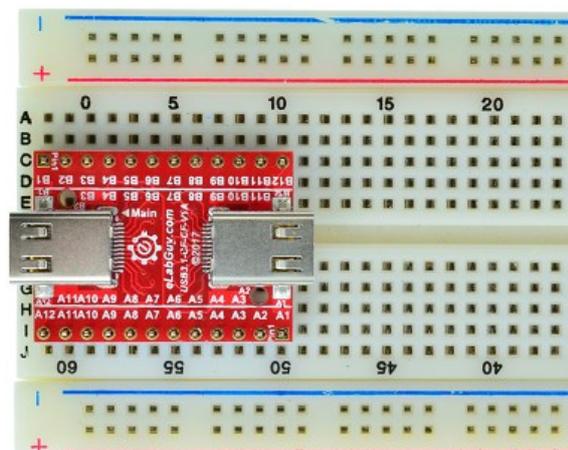

Figure 2: Example of connecting the USB3.1-CF-CF-V1A *on a breadboard (Note: This picture only shows the pins spacing, actual use may not be used on a breadboard)*

Figure 3: USB3.1-CF-CF-V1A *with headers*

Figure 4: USB3.1-CF-CF-V1A *with terminal blocks*

Figure 5: a USB-C female connector J1 directly connect to USB-C female connector J2 with reversed port.

Related products from eLabGuy:

USB3.1-CM-M-V1A

USB3.1-CM-CF-V1A