

USB1
MUSB-5B-NE-S175

MP1 5V
MP2 D-
MP3 D+
MP4 ID
GND

+USB-BUS-POWER-UP
USB2.0_DN
USB2.0_DP

GND

D1
PGB1010603MR
GND

D2
PGB1010603MR
GND

The diagram illustrates the pin connections for the ICM-42688-P module. The module's pin header is labeled 'M1 ICM-42688-P Module Pin Header'. The connections are as follows:

- VDD** (+3V3) is connected to JP6.
- VDDIO** (+3V3) is connected to JP5.
- INT1/INT** is connected to JP7 and JP8.
- AP_SCL/SCLK** is connected to JP1.
- AP_SDA/SDI** is connected to JP2.
- AP_SDO/ADO** is connected to JP3.
- AP_CS** is connected to JP4.
- GND** is connected to JP9.
- VDD** (+3V3) is connected to JP10.
- VDDIO** (+3V3) is connected to JP11.

The module is also connected to a board with pins JP1 through JP11. The board has a +3V3 supply and a GND connection.

Pin header connection diagram for the M2 Quad RS-485 Module. The diagram shows a central module with pins on both sides. On the left, pins are labeled: USB to Quad RS-485 Module Pinheader, USB-VBUS, USBDM-DM3, USBDM-DP3, 3V3, PWREN, EECCLK, CS, and DATA. On the right, pins are labeled: A-3V3, A-RS-485-DP, A-RS-485-DM, A-GND, B-3V3, B-RS-485-DP, B-RS-485-DM, B-GND, C-3V3, C-RS-485-DP, C-RS-485-DM, C-GND, D-3V3, D-RS-485-DP, and D-RS-485-DM. Ground connections are shown at the bottom for the left and right sides.

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