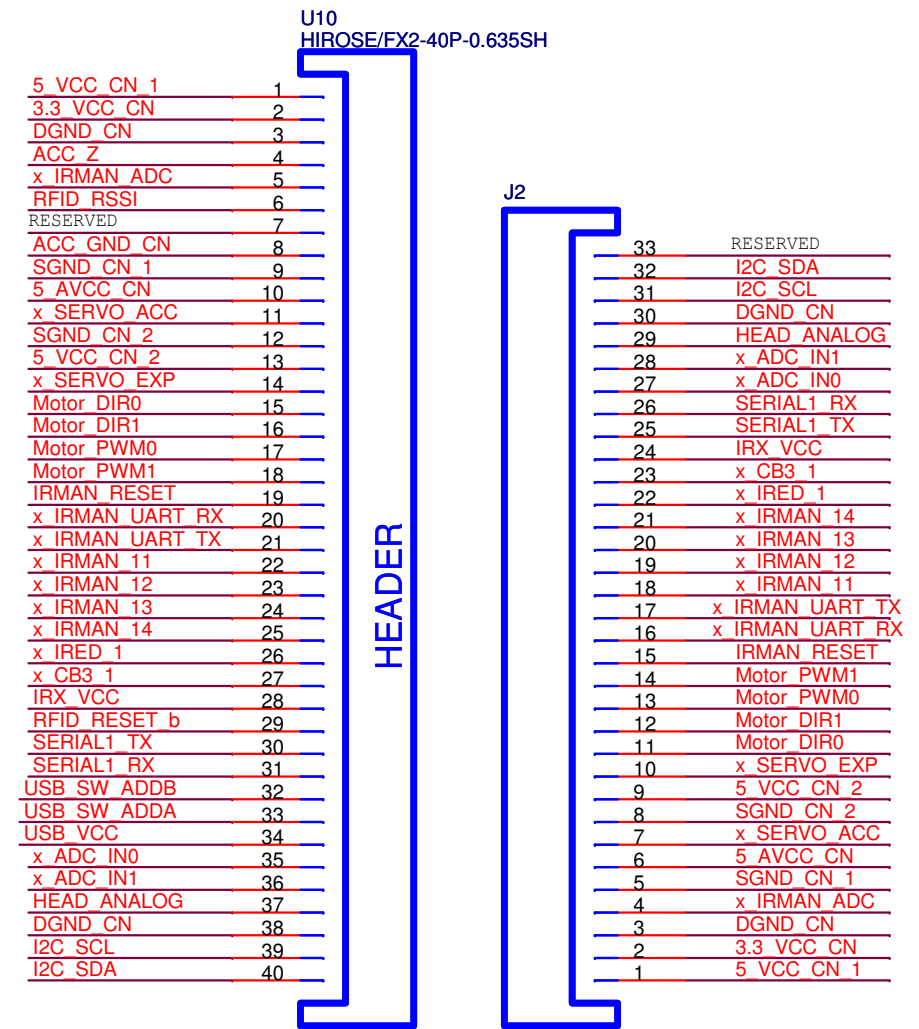


NOTE: USB_VCC = 5V



The diagram illustrates the connection of the SKYETEK/M1-MINI/B RFID module to the Raspberry Pi 4B. The module's pins are connected as follows:

- Power:** Pin 12 (VCC) is connected to 3.3V VCC_CN. Pin 13 (GND) is connected to DGND_CN.
- Reset:** Pin 4 (RST) is connected to RFID_RESET_b.
- Data:** Pin 5 (RSSI) is connected to RFID_RSSI. Pin 6 (SCL) is connected to SERIAL1_RX. Pin 7 (SDA) is connected to SERIAL1_TX. Pin 8 (SDO) is connected to RFID_SDO.
- Antenna:** Pin 2 (ANT) is connected to the antenna circuit. Pin 1 (ANT_GND) is connected to the ground of the antenna circuit. The antenna circuit consists of a 100K resistor (R2) in series with a 33 pF capacitor (C3). The antenna output is connected to pin 2 of the 4-pin header (J4), and the ground is connected to pin 1 of the header.

The module is labeled "RFID" and "SKYETEK/M1-MINI/B". The antenna is labeled "RFID ANT". The header is labeled "HEADER 2".