LoRa - 9 hole header

9 - RST

8 - CS

7 - MOSI

6 - MISO

5 - SCK

4 - G0

3 - EN

2 - GND

1 - VIN

LIDAR - 14 hole header, each column representing one sensor

13, 14 - Vin

11, 12 - 2v8

9, 10 - GND

7, 8 - GPIO

5, 6 - SHDN

3, 4 - SCL

1, 2 - SDA

ATMEGA328P-PU - 30 hole header (didn’t have a 28 header). Each column representing one side of the chip.

27 - PC6 28 - PC5

25 - PD0 26 - PC4

23 - PD1 24 - PC3

21 - PD2 22 - PC2

19 - PD3 20 - PC1

17 - PD4 18 - PC0

15 - VCC 16 - GND

13 - GND 14 - AREF

11 - PB6 12 - AVCC

9 - PB7 10 - PB5

7 - PD5 8 - PB4

5 - PD6 6 - PB3

3 - PD7 4 - PB2

1 - PB0 2 - PB1

FTDI

6 - PC6 (1)

5 - PD1 (3)

4 - PD0 (2)

3 - VCC (7)

2 -

1 - GND (8)