

Pinouts:

IMU:

SCL: PB6

SDA: PB7

Serial 1:

rj45 pin 2: PA9

rj45 pin 4: PA10

Serial 3:

rj45 pin 1: PB10

rj45 pin3: PB11

Encoder x:

rj45 pin 2: PA0

rj45 pin 4: PA1

Encoder y:

rj45 pin 6: PA2

rj45 pin 8: PA3