123.4440 mm

98.0600 mm

ESC terminal   VESC terminal   SERVO terminal   + PWR IN −   E-stop

PWR LED   D3

J15   J16   J17   J19

J6   J7   J8   IC1   J19

ESC header   VESC header   SERVO header

C2

33uF   0.1uF

D1   1k
LED1   R1

A1

BNO 085   J2

D2   1k
LED2   R2

C4   C3
22pF   22pF

Y1

J3

VL53L0X

10k   R5

Arduino_Nano_V3.x

J10

Analog IO

Digital IO

0.1uF
C8

J18

C7

VL53L0X_2

10uF   C6   10uF
0.1uF
C5

Malin spray gun PCB rev. A

Every machine is a smoke machine if you operate it wrong enough.

CAN1 termination

J14

CAN1 pin header   J13

120R
R4

J4   J5   J9

CAN1   5V rail   GND rail   15V rail