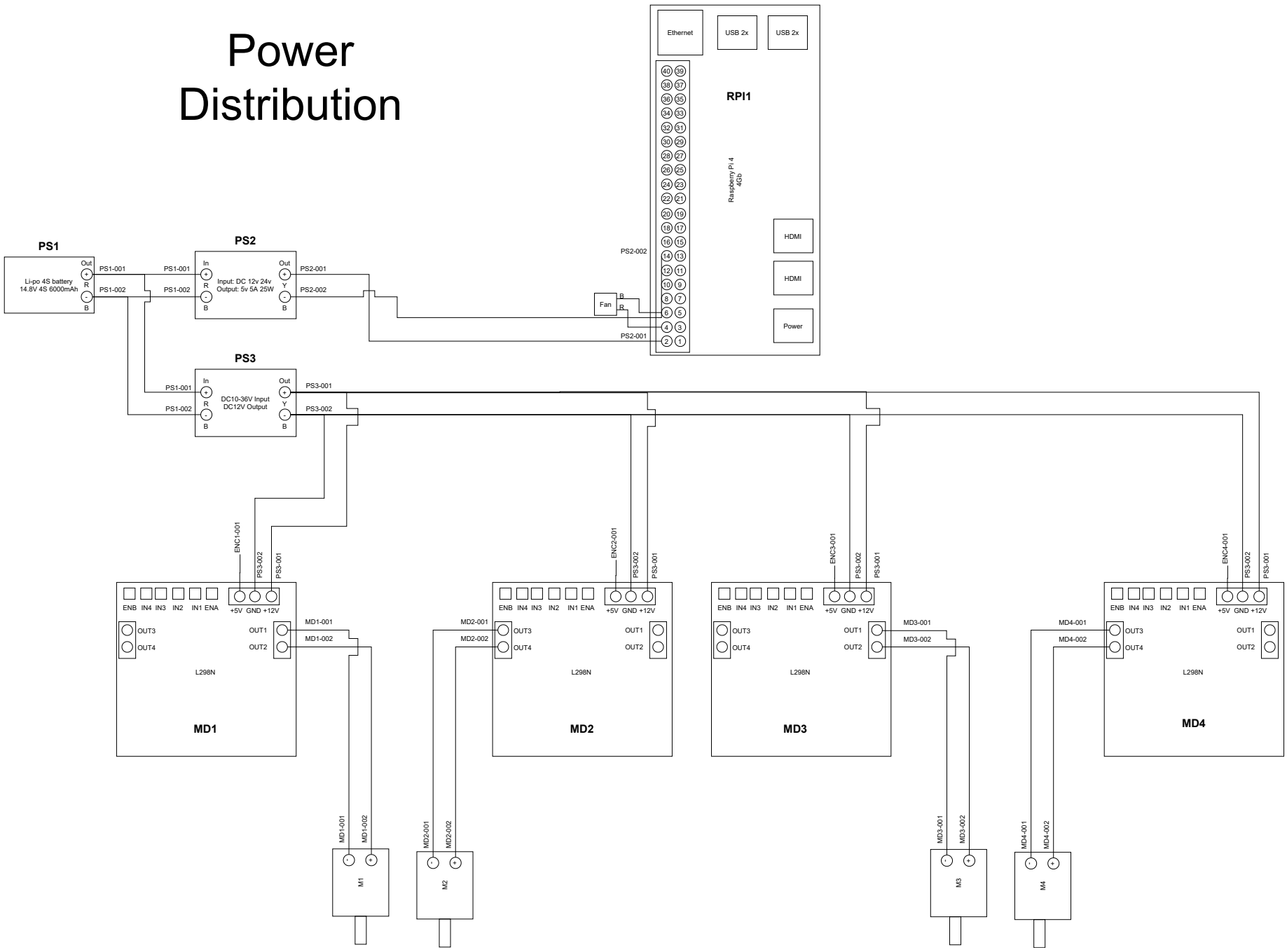
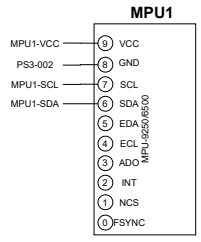
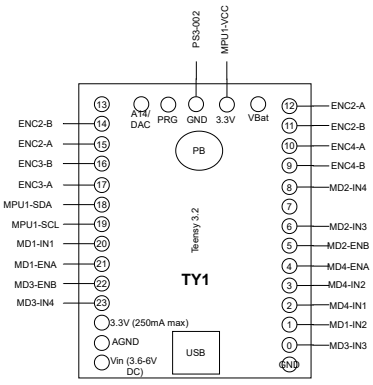
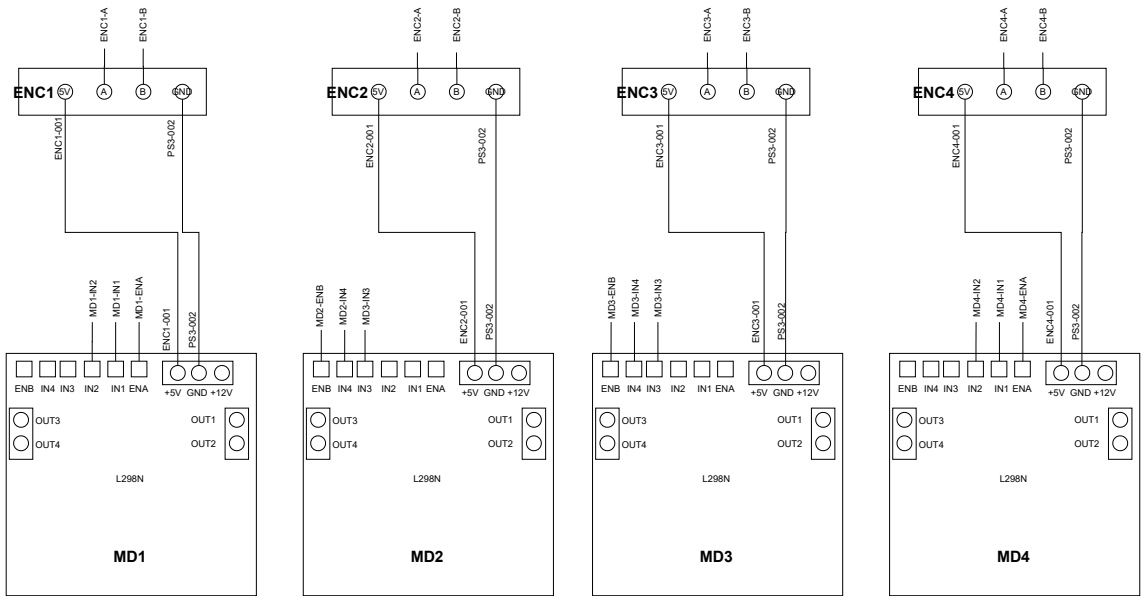
Power Distribution

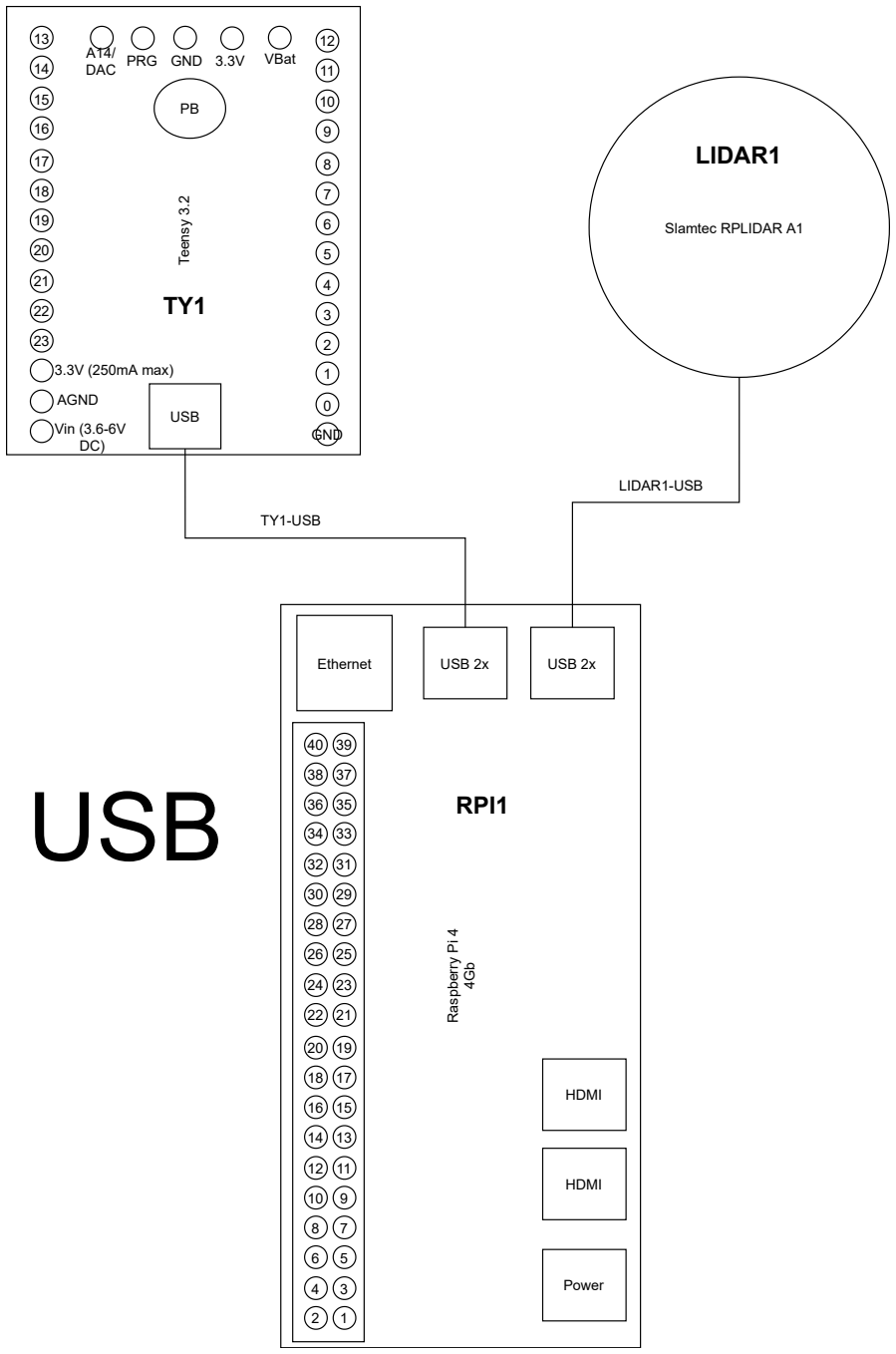


Micro Controller








13
14
15
16
17
18
19
20
21
22
23
A14/ DAC
PRG
GND
3.3V
VBat
12
11
10
9
8
7
6
5
4
3
2
1
0
PB
Teensy 3.2
TY1
3.3V (250mA max)
AGND
Vin (3.6-6V DC)
USB
GND
LIDAR1
Slamtec RPLIDAR A1
LIDAR1-USB
TY1-USB
Ethernet
USB 2x
USB 2x
40 39
38 37
36 35
34 33
32 31
30 29
28 27
26 25
24 23
22 21
20 19
18 17
16 15
14 13
12 11
10 9
8 7
6 5
4 3
2 1
RPI1
Raspberry Pi 4 4Gb
HDMI
HDMI
Power
USB