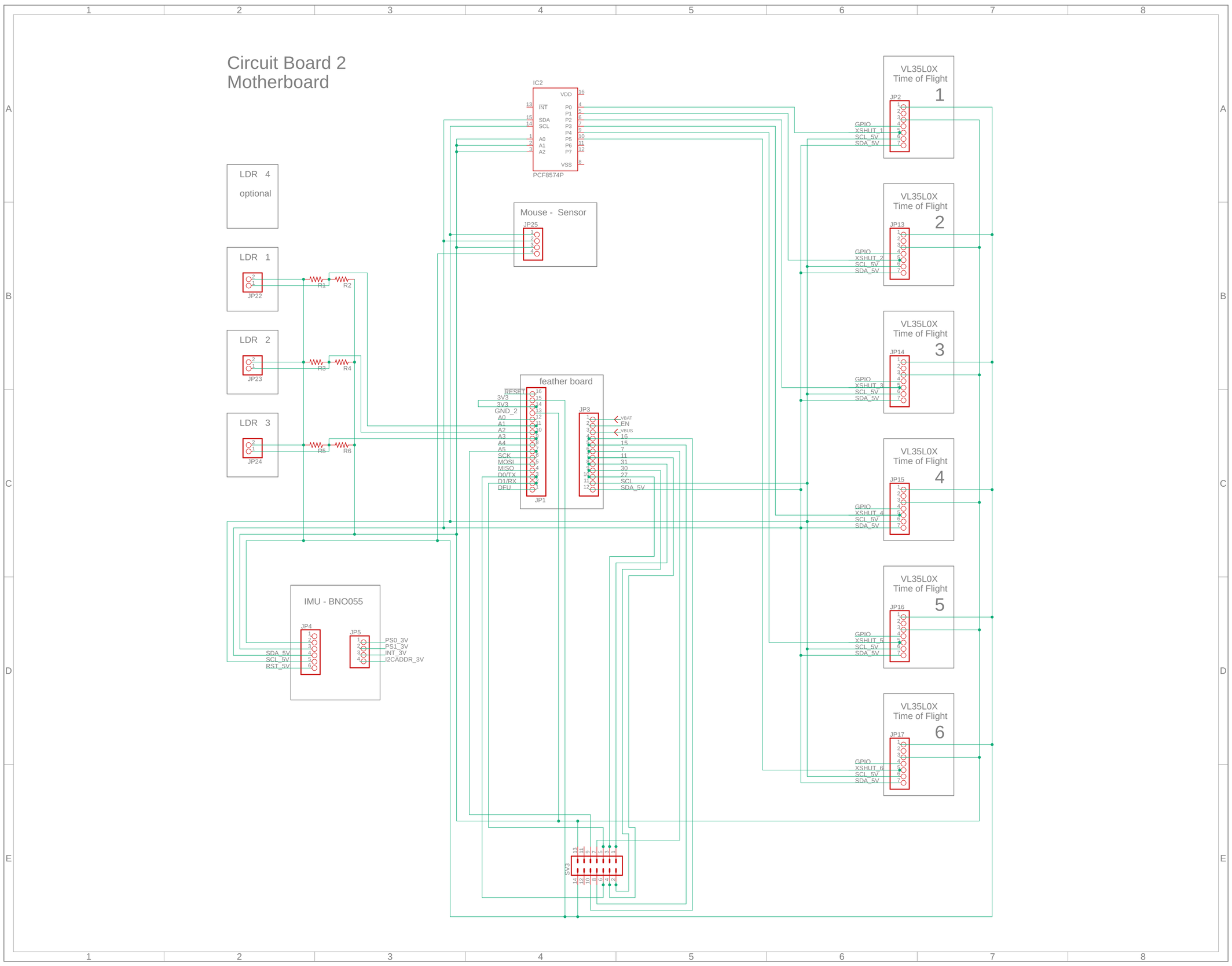
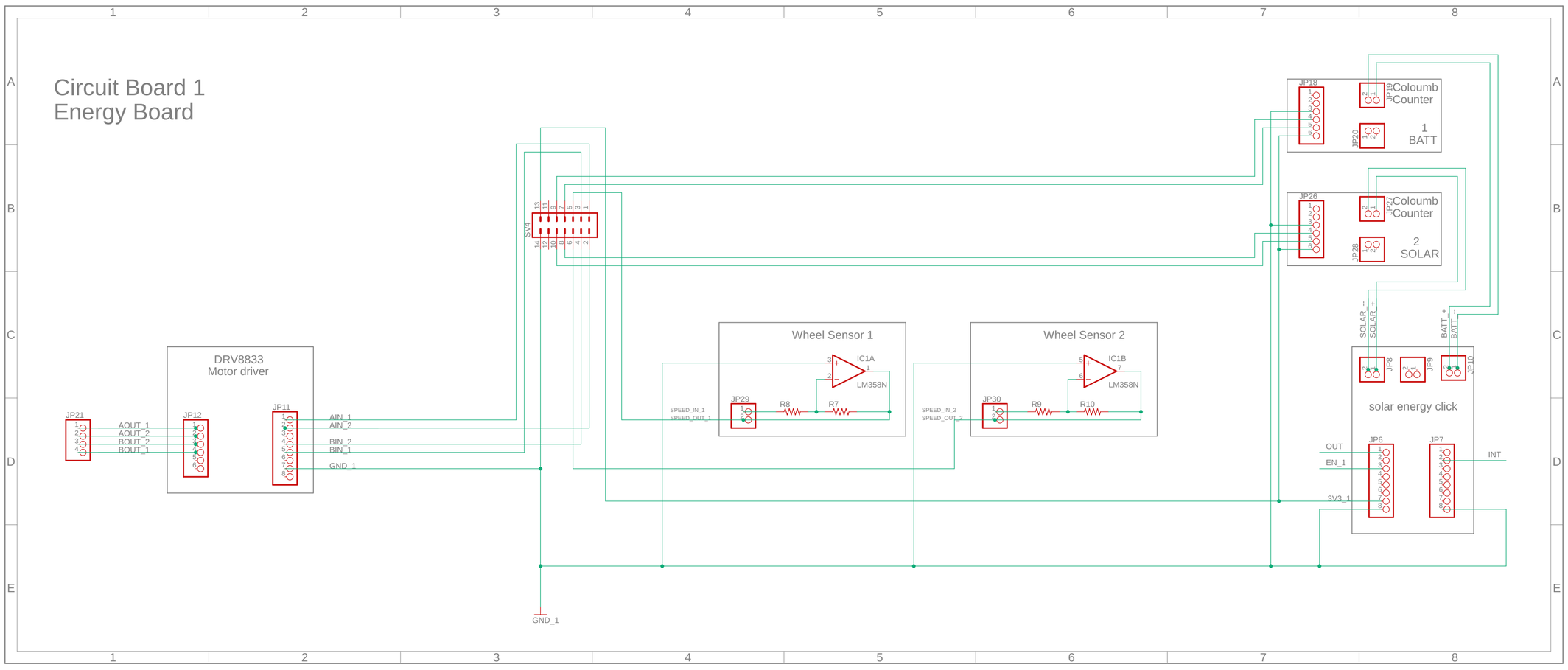

Circuit Board 2
Motherboard
IC2
PCF8574P
LDR 4
optional
LDR 1
LDR 2
LDR 3
Mouse - Sensor
feather board
IMU - BNO055
VL35L0X
Time of Flight
1
2
3
4
5
6
GPIO
XSHUT_1
XSHUT_2
XSHUT_3
XSHUT_4
XSHUT_5
XSHUT_6
SCL_5V
SDA_5V


Circuit Board 1
Energy Board
DRV8833
Motor driver
Wheel Sensor 1
Wheel Sensor 2
IC1A
IC1B
LM358N
Coloumb
Counter
1
BATT
2
SOLAR
solar energy click
GND_1