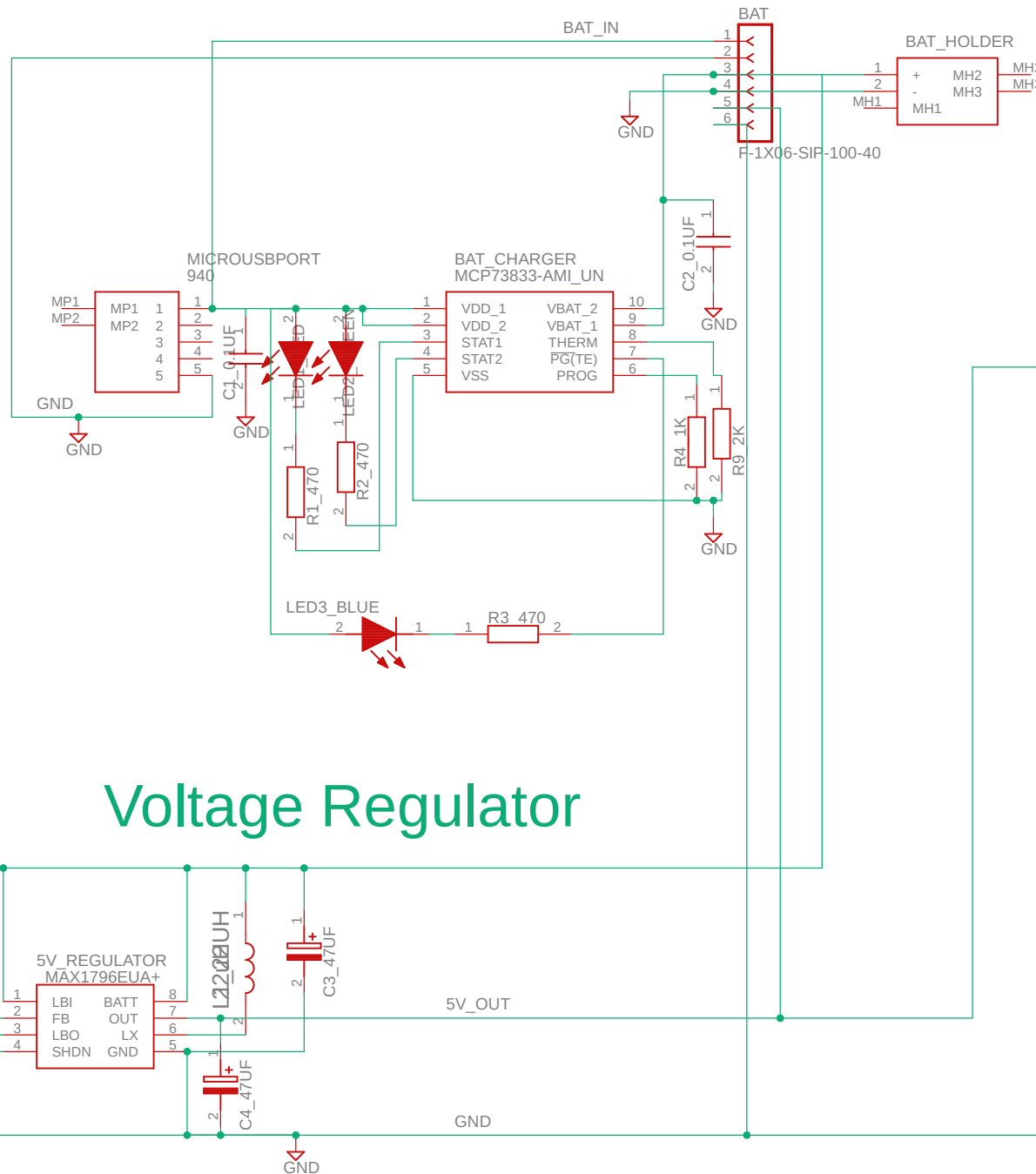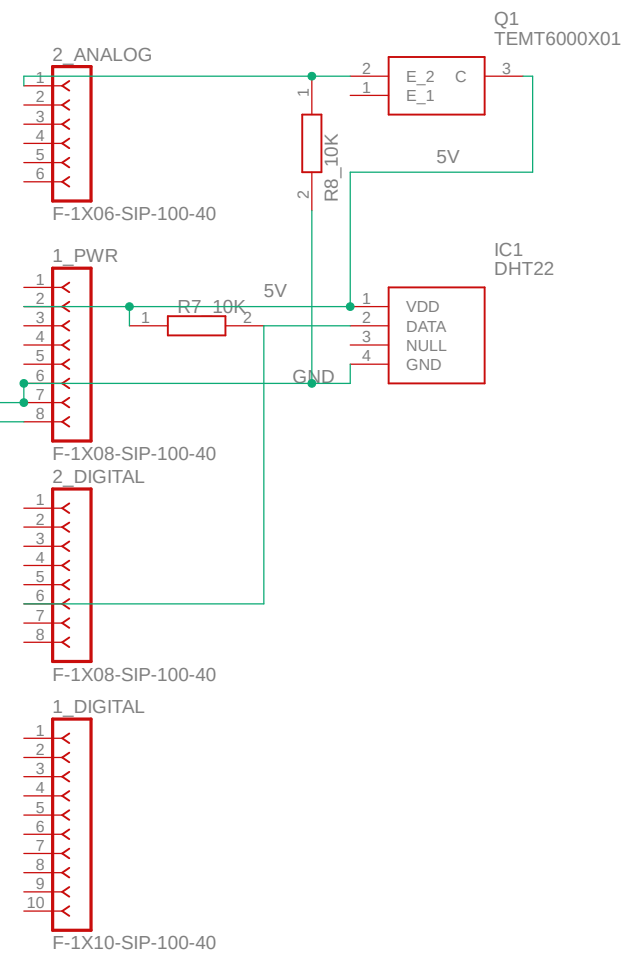# Battery_Charger

Interface Battery

Voltage Regulator

BAT_IN

BAT

BAT_HOLDER

MH2
MH3
MH1

+ MH2
- MH3
MH1

F-1X06-SIP-100-40

GND

Q1
TEMT6000X01

2_ANALOG

E_2 C
E_1

R8_10K

5V

F-1X06-SIP-100-40

MICROUSBPORT
940

BAT_CHARGER
MCP73833-AMI_UN

C2_0.1UF

GND

IC1
DHT22

MP1
MP2

MP1 1
MP2 2
3
4
5

VDD_1   VBAT_2
VDD_2   VBAT_1
STAT1   THERM
STAT2   PG(TE)
VSS   PROG

10
9
8
7
6

1_PWR

5V

R7_10K

VDD
DATA
NULL
GND

GND

C1_0.1UF

LED1_RED

LED2_GREEN

GND

R1_470

R2_470

R4_1K

R9_2K

GND

F-1X08-SIP-100-40

2_DIGITAL

F-1X08-SIP-100-40

LED3_BLUE

R3_470

1_DIGITAL

F-1X10-SIP-100-40

R5_1M

5V_REGULATOR
MAX1796EUA+

L220UH

C3_47UF

5V_OUT

LBI   BATT
FB   OUT
LBO   LX
SHDN   GND

1
2
3
4

8
7
6
5

R6_2K

C4_47UF

GND

GND

3/2/2021 3:50 PM C:\Users\lamha\Desktop\Part 3 individual\PCB work\Battery interface\Interface_BAT.sch (Sheet: 1/1)