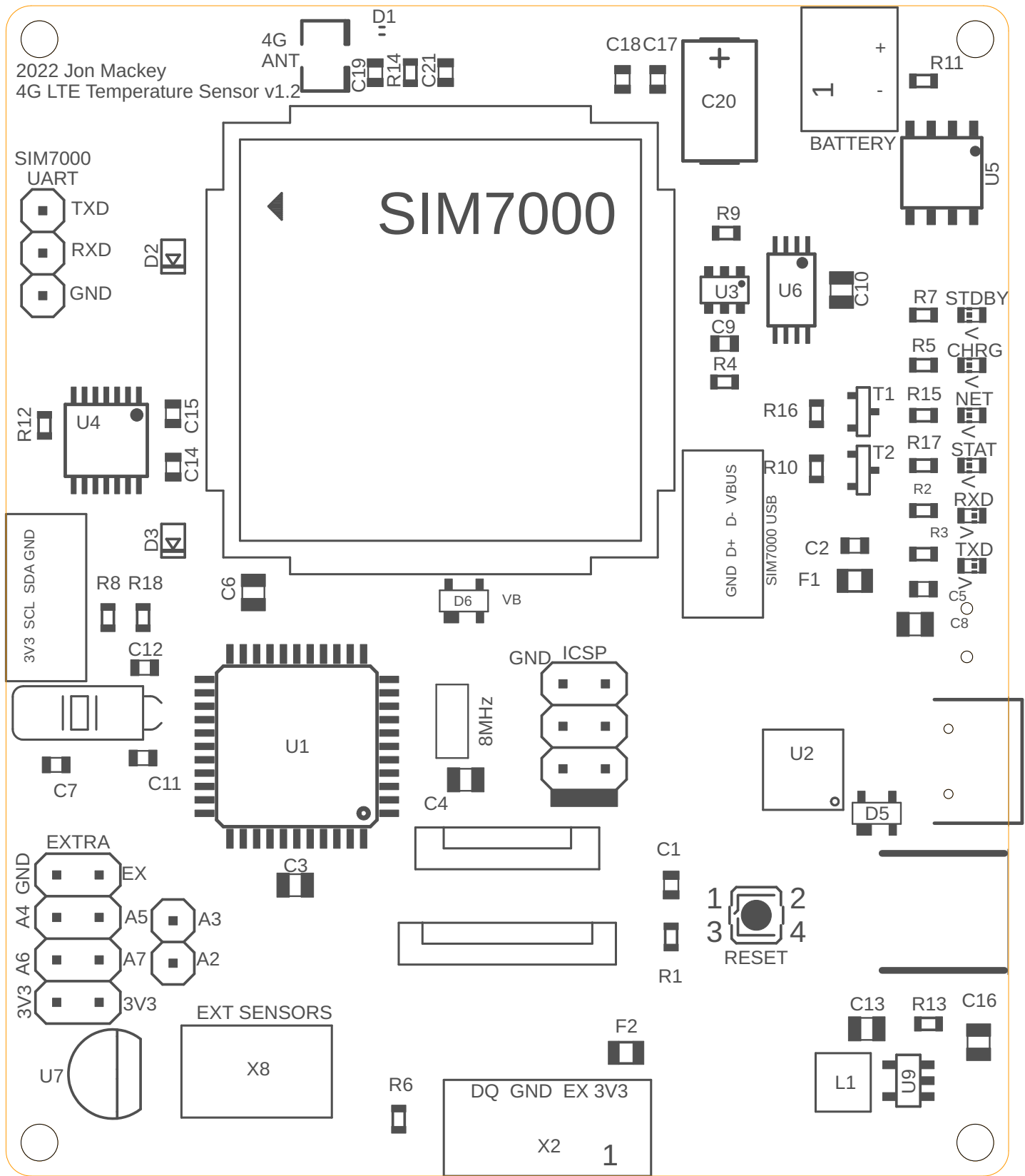


2022 Jon Mackey  
4G LTE Temperature Sensor v1.2



SIM7000  
UART  
TXD  
RXD  
GND

R12 U4  
C14 C15

3V3 SCL SDA GND  
R8 R18  
C12

EXTRA  
A4 GND EX  
A5 A3  
A6 A7 A2  
3V3 A2  
3V3

U7  
EXT SENSORS  
X8

4G ANT  
D1  
C19 R14 C21

C18 C17  
C20

BATTERY  
U5  
R11

R9 U3  
C9 R4  
U6  
C10

R7 STDBY  
R5 CHRG  
R15 NET  
R17 STAT  
R2 RXD  
R3 TXD  
C5  
C8

GND D+ D- VBUS  
SIM7000 USB  
R16 T1  
R10 T2  
C2  
F1

GND ICSP  
8MHZ  
C4

U2  
D5

C1  
R1  
RESET

C13 R13 C16  
L1 U9

F2  
R6  
DQ GND EX 3V3  
X2 1