Id;"Designator";"Footprint";"Quantity";"Designation";"Supplier and ref";
1;"R4
2;"U1
3;"C3
4;"TP5";"PinSocket_1x01_P2.54mm_Vertical";1;"TestPoint_Battery_POS";;;
5;"U3
6;"C12
7;"D8
8;"U11";"MPU6050";1;"~";;;
9;"U10";"TF_LUNA";1;"~";;;
10;"TP4";"PinSocket_1x01_P2.54mm_Vertical";1;"TestPoint_GND";;;
11;"R9
12;"JP1";"TestPoint_2Pads_Pitch2.54mm_Drill0.8mm";1;"Jumper_2_Bridged";;;
13;"U7
14;"TP1";"PinSocket_1x01_P2.54mm_Vertical";1;"TestPoint_3.3V";;;
15;"TP6";"PinSocket_1x01_P2.54mm_Vertical";1;"TestPoint_Battery_NEG";;;
16;"U9";"CHARGE_CONTROLLER";1;"~";;;
17;"TP3";"PinSocket_1x01_P2.54mm_Vertical";1;"TestPoint_VCoil";;;
18;"TP2";"PinSocket_1x01_P2.54mm_Vertical";1;"TestPoint_5V";;;
19;"U12";"ESP32";1;"~";;;
20;"8U";"BATTERY_HOLDER";1;"~";;;

R2   R7   R5   R1   R8   R3
U2";"MOTOR_DRIVER";2;"~";;;
C2   C5   C1";"CP_Elec_3x5.3";4;"47uF";;;

U4   U5";"VL53L0XV2";3;"~";;;
C10   C7   C9   C8   C11   C6
D2   D6   D1   D3   D5   D7

R10   R11";"R_0805_2012Metric";3;"3.3K";;;
;
 U6";"BUCK_BOOST";2;"~";;;

R6";"R_0805_2012Metric";8;"330";;;

C4";"C_0805_2012Metric";8;"10uF";;;
D4";"D_0805_2012Metric";8;"CD4148W";;;