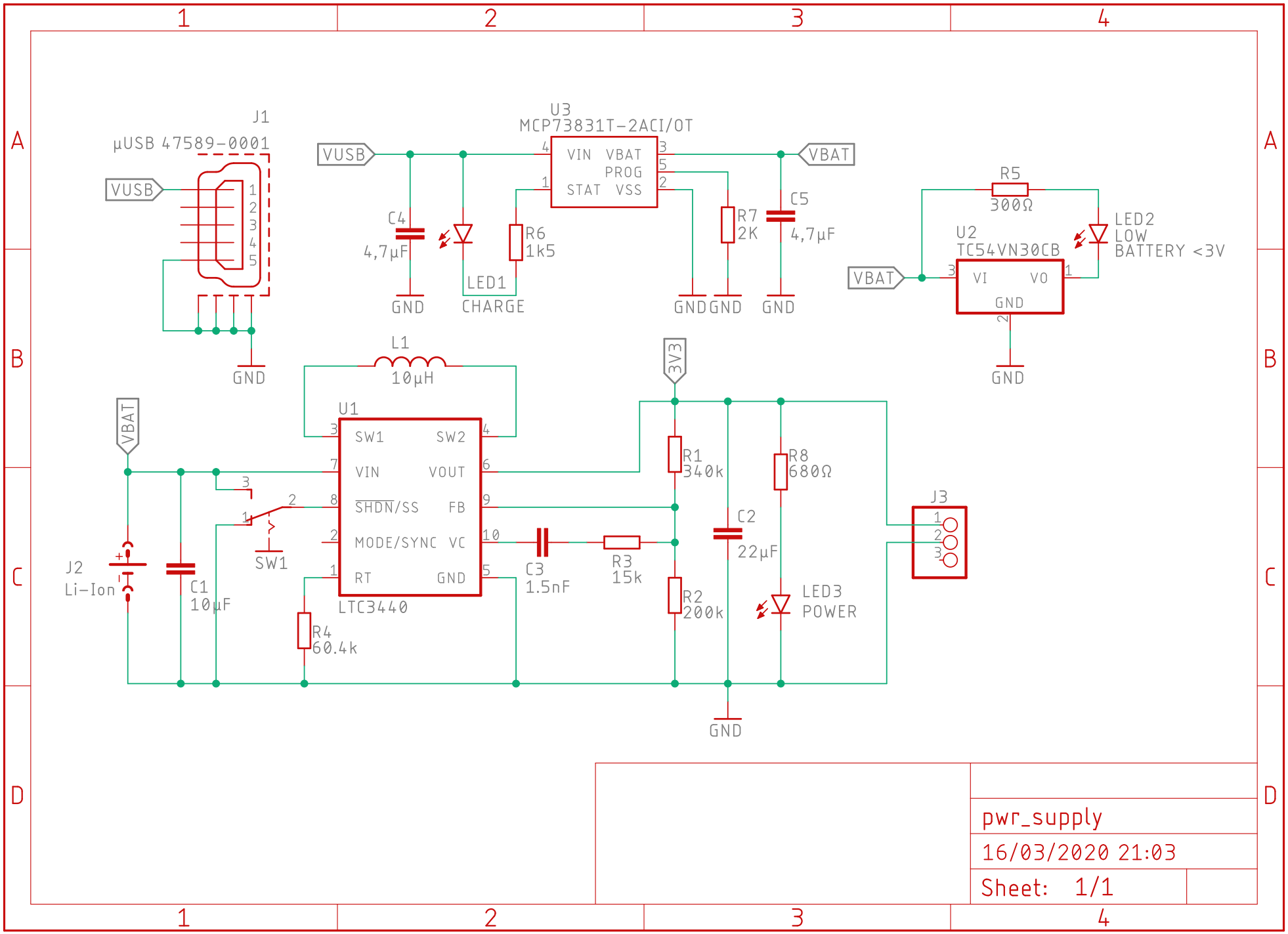
J1
µUSB 47589-0001
VUSB
1
2
3
4
5
GND
U3
MCP73831T-2ACI/OT
VIN
VBAT
PROG
STAT
VSS
VUSB
VBAT
C4
4,7µF
LED1
CHARGE
R6
1k5
R7
2K
C5
4,7µF
GND
GND
GND
R5
300Ω
LED2
LOW
BATTERY <3V
U2
TC54VN30CB
VI
VO
GND
VBAT
GND
L1
10µH
3V3
U1
SW1
SW2
VIN
VOUT
SHDN/SS
FB
MODE/SYNC
VC
RT
GND
LTC3440
VBAT
J2
Li-Ion
C1
10µF
SW1
R4
60.4k
C3
1.5nF
R3
15k
R1
340k
R2
200k
C2
22µF
R8
680Ω
LED3
POWER
J3
GND
pwr_supply
16/03/2020 21:03
Sheet: 1/1