U101
BUCKBOOST

+BATT — 1 IN+   OUT+ 4 — VCC

2 IN−   OUT− 3
GND   GND

L101
LPS4020-152

U102
TPS63060

+BATT

SW1
PWRON

C101   C102
10u   10u

C103
0.1u

1 L1   L2 10
2 VIN   VOUT 9
3 EN   FB 8 FB
6 VAUX
   PS/SYNC PG 5 PG

EN
VAUX

GND PGND
7   11

GND

R101
1M

R102
180k

C104
10p

1k
R103

LED
D101

GND   GND   GND
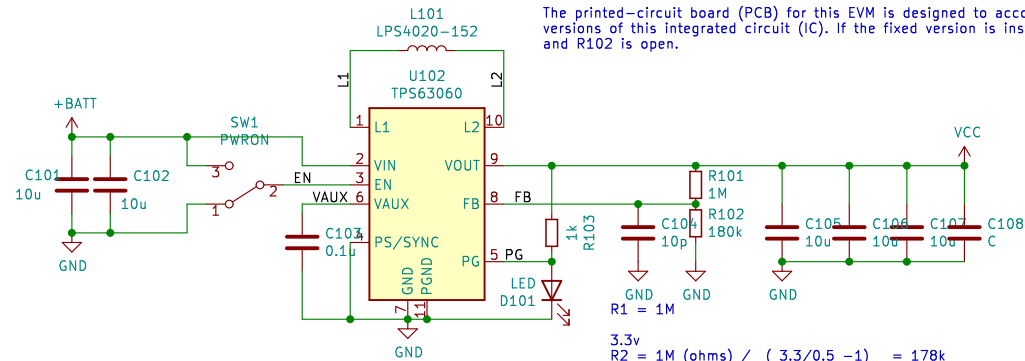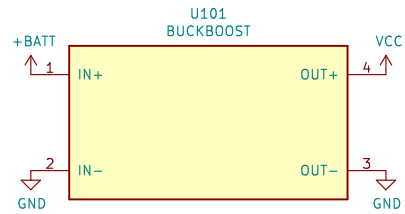
C105   C106   C107   C108
10u   10u   10u   C

VCC

GND

The printed-circuit board (PCB) for this EVM is designed to accommodate both the fixed and adjustable versions of this integrated circuit (IC). If the fixed version is installed, R101 is replaced with a 0−Ω resistor and R102 is open.

R1 = 1M

3.3v
R2 = 1M (ohms) / (3.3/0.5 −1)   = 178k

3.6v
R2 = 1M (ohms) / (3.6/0.5 −1)   = 161k

5v
R2 = 1M (ohms) / (5/0.5 −1)   = 111k

or use the 5v version