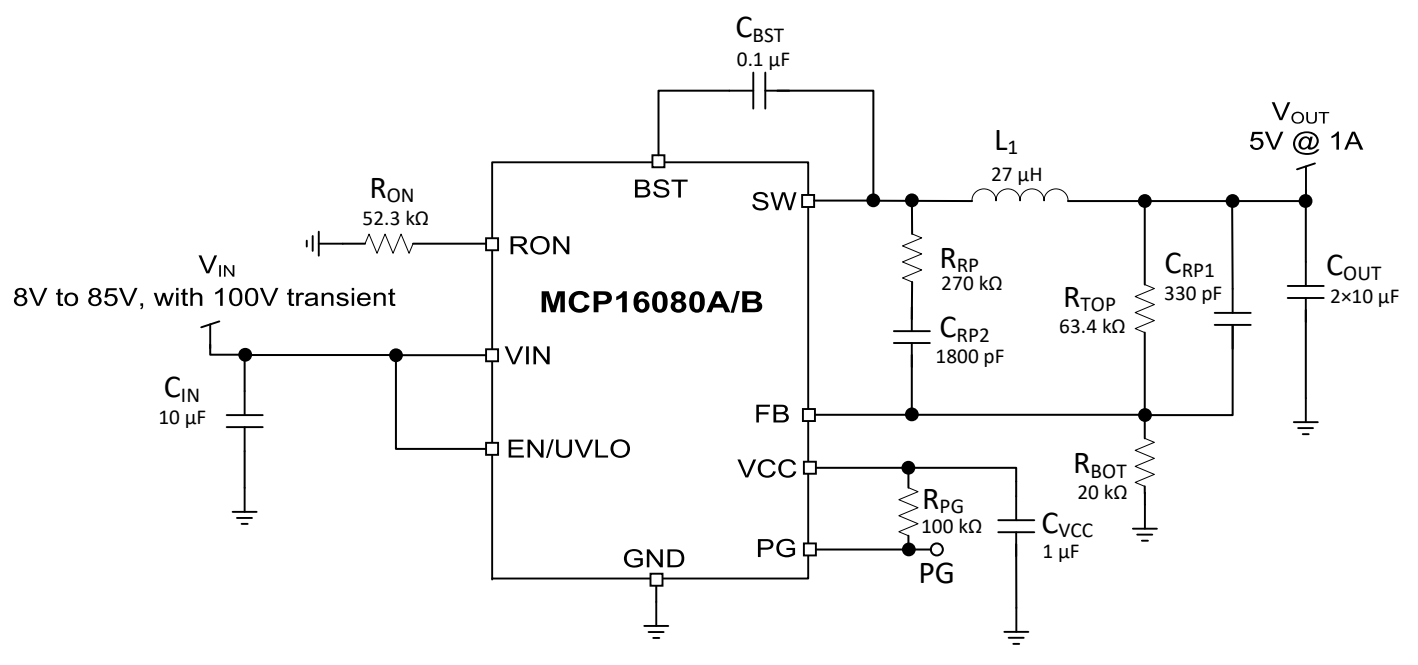

C_BST
0.1 µF
V_OUT
5V @ 1A
L_1
27 µH
R_ON
52.3 kΩ
BST
SW
RON
V_IN
8V to 85V, with 100V transient
MCP16080A/B
R_RP
270 kΩ
C_RP1
330 pF
R_TOP
63.4 kΩ
C_OUT
2×10 µF
C_RP2
1800 pF
VIN
C_IN
10 µF
FB
EN/UVLO
VCC
R_BOT
20 kΩ
R_PG
100 kΩ
C_VCC
1 µF
GND
PG
PG