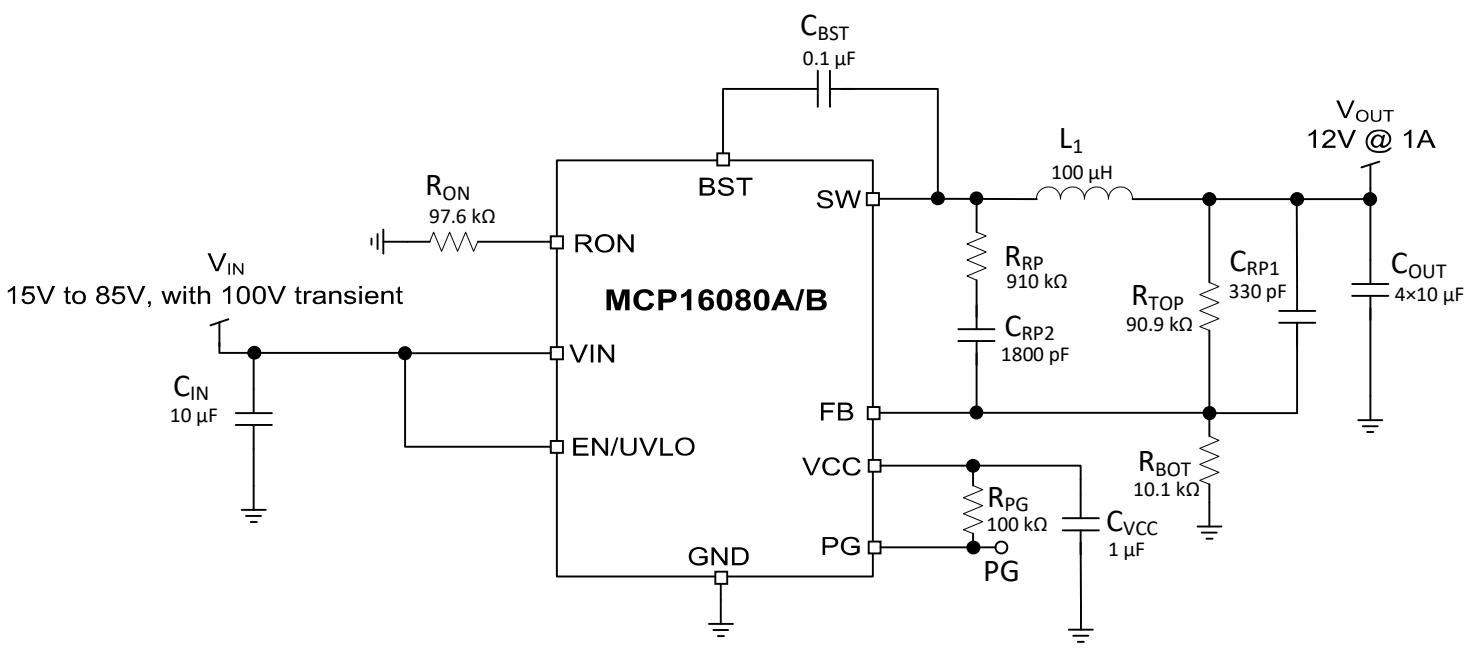

C_{BST}
0.1 µF
V_{OUT}
12V @ 1A
L_1
100 µH
R_{ON}
97.6 kΩ
BST
SW
RON
V_{IN}
15V to 85V, with 100V transient
MCP16080A/B
R_{RP}
910 kΩ
C_{RP1}
330 pF
R_{TOP}
90.9 kΩ
C_{OUT}
4×10 µF
C_{RP2}
1800 pF
VIN
C_{IN}
10 µF
FB
EN/UVLO
VCC
R_{BOT}
10.1 kΩ
R_{PG}
100 kΩ
C_{VCC}
1 µF
PG
GND
PG