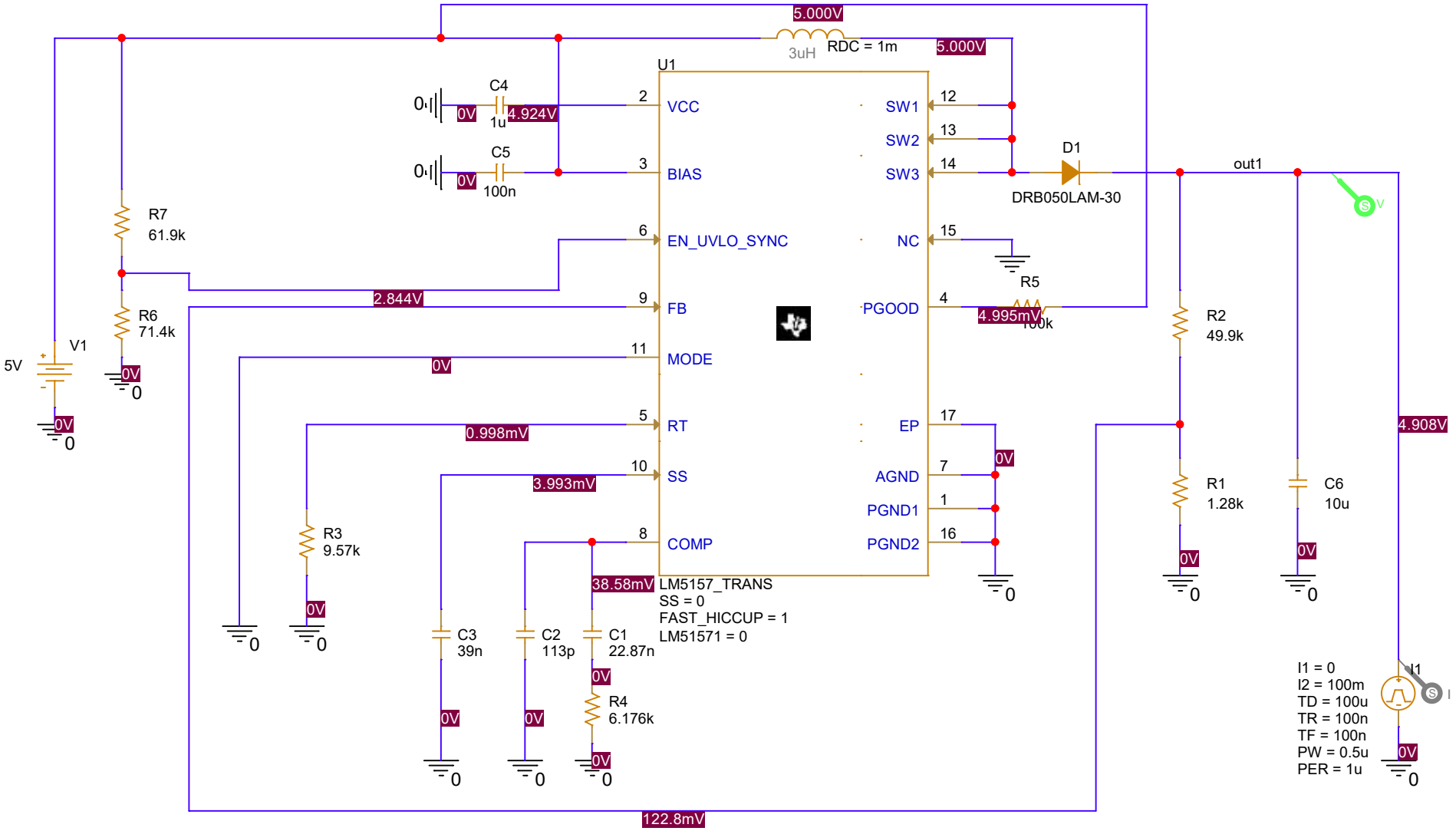
5.000V
3uH
RDC = 1m
5.000V
U1
C4
1u
4.924V
C5
100n
VCC
BIAS
EN_UVLO_SYNC
FB
MODE
RT
SS
COMP
SW1
SW2
SW3
NC
PGOOD
EP
AGND
PGND1
PGND2
LM5157_TRANS
SS = 0
FAST_HICCUP = 1
LM51571 = 0
D1
DRB050LAM-30
out1
R7
61.9k
R6
71.4k
V1
5V
2.844V
0.998mV
3.993mV
38.58mV
R3
9.57k
C3
39n
C2
113p
C1
22.87n
R4
6.176k
R5
4.995mV
R2
49.9k
R1
1.28k
C6
10u
4.908V
I1 = 0
I2 = 100m
TD = 100u
TR = 100n
TF = 100n
PW = 0.5u
PER = 1u
I1
122.8mV