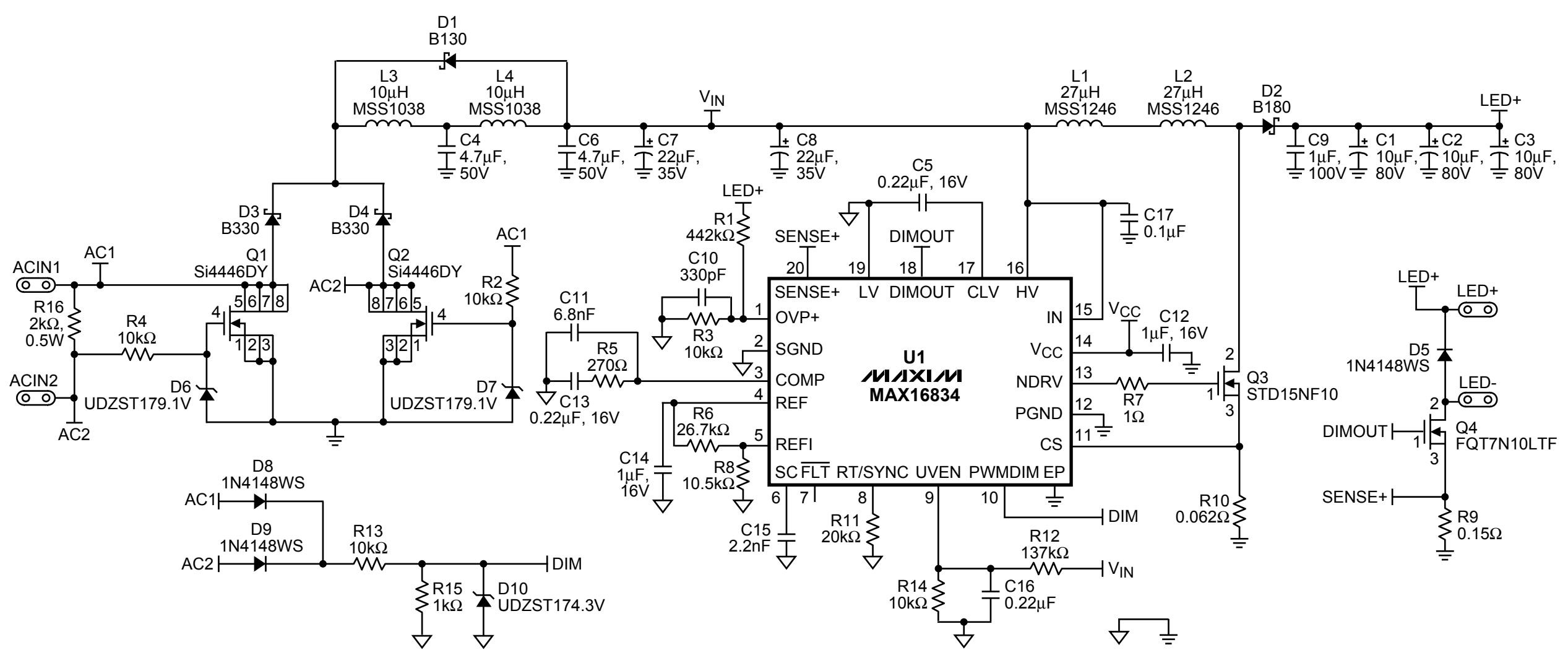
D1
B130
L3
10µH
MSS1038
L4
10µH
MSS1038
C4
4.7µF,
50V
C6
4.7µF,
50V
C7
22µF,
35V
VIN
C8
22µF,
35V
L1
27µH
MSS1246
L2
27µH
MSS1246
D2
B180
C9
1µF,
100V
C1
10µF,
80V
C2
10µF,
80V
C3
10µF,
80V
LED+
D3
B330
D4
B330
Q1
Si4446DY
Q2
Si4446DY
AC1
ACIN1
ACIN2
AC2
R16
2kΩ,
0.5W
R4
10kΩ
D6
UDZST179.1V
D7
UDZST179.1V
R2
10kΩ
C11
6.8nF
R5
270Ω
C13
0.22µF, 16V
R1
442kΩ
C10
330pF
R3
10kΩ
C5
0.22µF, 16V
C17
0.1µF
SENSE+
DIMOUT
LV
CLV
HV
OVP+
SGND
COMP
REF
REFI
SC
FLT
RT/SYNC
UVEN
PWMDIM
EP
U1
MAXIM
MAX16834
IN
VCC
NDRV
PGND
CS
C12
1µF, 16V
R7
1Ω
Q3
STD15NF10
R10
0.062Ω
DIM
R6
26.7kΩ
R8
10.5kΩ
C14
1µF,
16V
C15
2.2nF
R11
20kΩ
R12
137kΩ
R14
10kΩ
C16
0.22µF
D5
1N4148WS
LED-
Q4
FQT7N10LTF
R9
0.15Ω
D8
1N4148WS
D9
1N4148WS
R13
10kΩ
R15
1kΩ
D10
UDZST174.3V