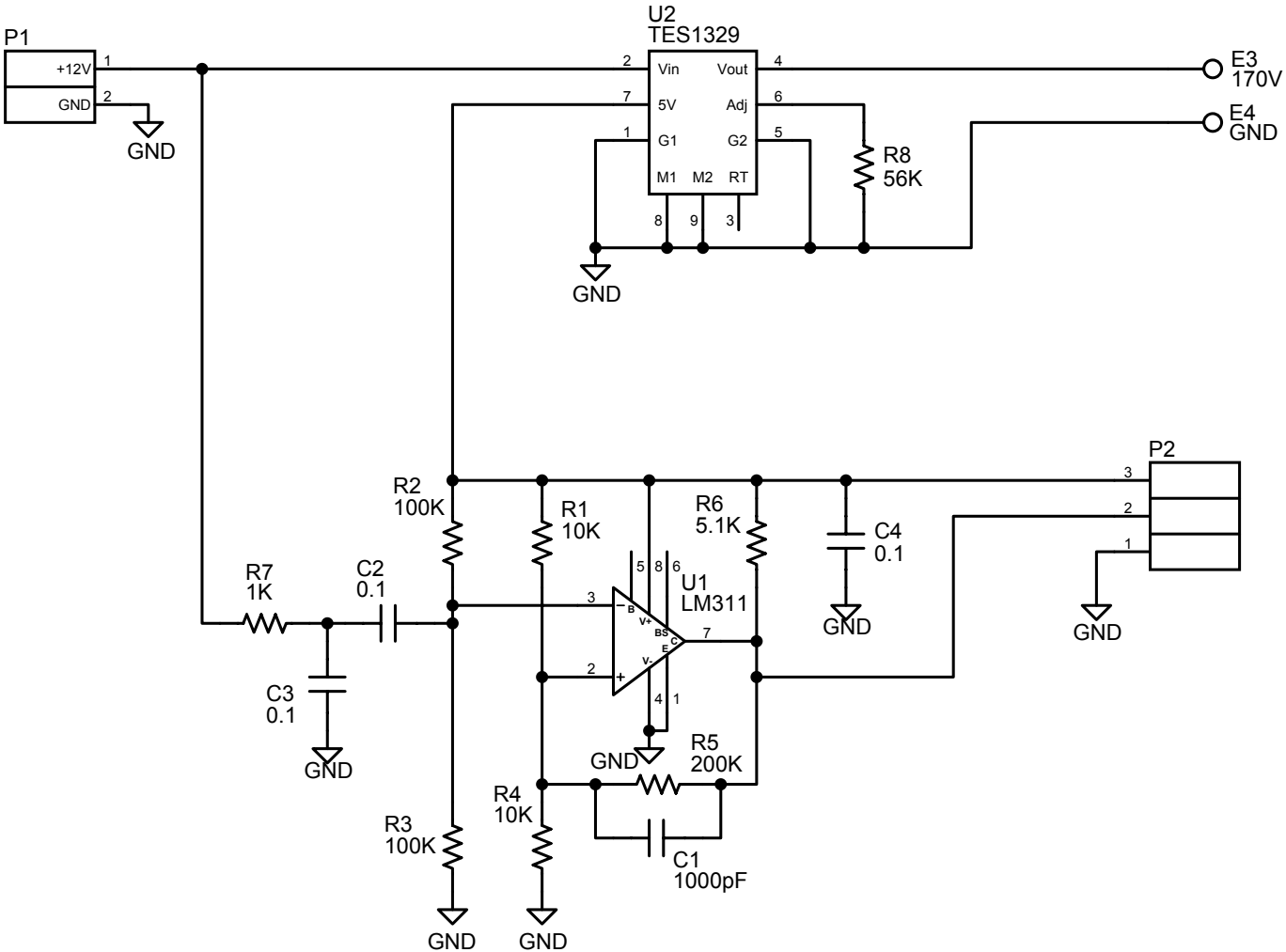
P1
+12V
GND
GND
U2
TES1329
Vin
Vout
5V
Adj
G1
G2
M1
M2
RT
E3
170V
E4
GND
R8
56K
GND
P2
R2
100K
R1
10K
R6
5.1K
C4
0.1
GND
R7
1K
C2
0.1
U1
LM311
C3
0.1
GND
GND
R5
200K
R4
10K
C1
1000pF
R3
100K
GND
GND