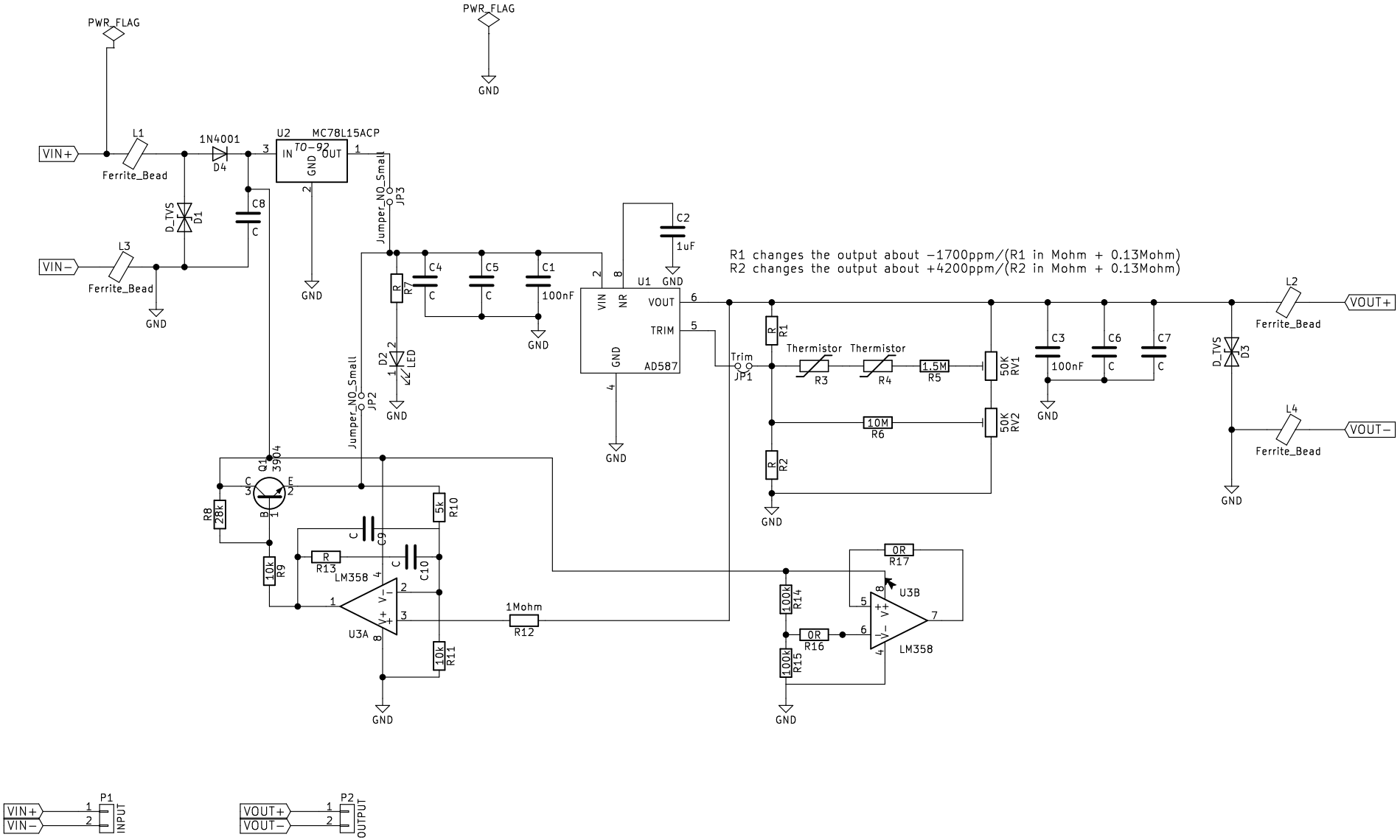
PWR_FLAG
PWR_FLAG
GND
VIN+
VIN−
L1
Ferrite_Bead
L3
Ferrite_Bead
1N4001
D4
D_TVS
D1
C8
C
U2 MC78L15ACP
TO-92
IN
GND
OUT
Jumper_NO_Small
JP3
C4
C
C5
C
C1
100nF
R7
R
D2
LED
Jumper_NO_Small
JP2
C2
1uF
U1 GND
VIN
NR
VOUT
TRIM
GND
AD587
R1 changes the output about −1700ppm/(R1 in Mohm + 0.13Mohm)
R2 changes the output about +4200ppm/(R2 in Mohm + 0.13Mohm)
Trim
JP1
R1
R
Thermistor
R3
Thermistor
R4
1.5M
R5
50K
RV1
10M
R6
50K
RV2
R2
R
C3
100nF
C6
C
C7
C
L2
Ferrite_Bead
L4
Ferrite_Bead
D_TVS
D3
VOUT+
VOUT−
Q1
3904
C
B
E
R8
28k
5k
R10
C
C9
R
R13
LM358
C
C10
10k
R9
U3A
1Mohm
R12
10k
R11
0R
R17
U3B
100k
R14
0R
R16
100k
R15
LM358
P1
INPUT
P2
OUTPUT