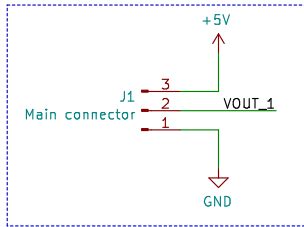
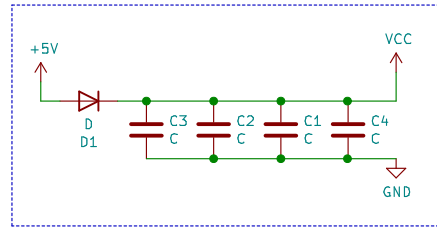


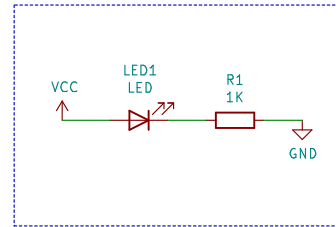
Input connector



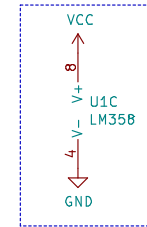
Input filtering



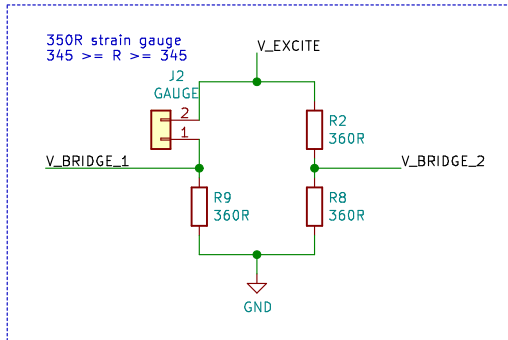
Power LED



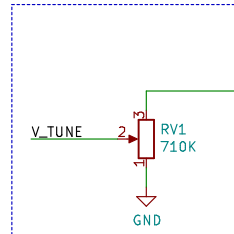
Opamp power



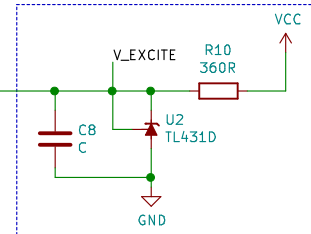
Wheatstone bridge to generate 2 voltages to compare



Generate V\_tune with a 30 turn trimmer pot

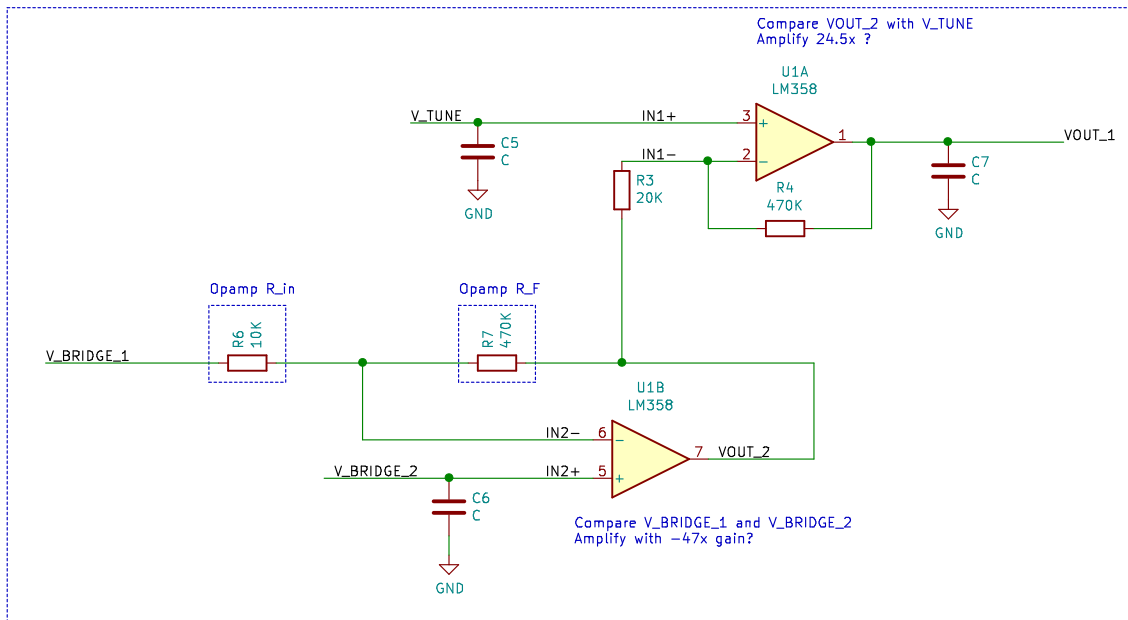


Generate V\_EXCITE (2.5V) from 5V using TL431 in fixed zener mode



Adjusting V\_TUNE sets IN1+ on opamp

Comparing + amplifying



Reverse engineered – probably contains errors

George Bryant

Sheet: /

File: strain-gauge-amp-schematic.sch

Title: BF350-3AA strain gauge module

Size: A4 Date: 2021-01-15

KiCad E.D.A. eeschema 5.1.9

Rev:

Id: 1/1