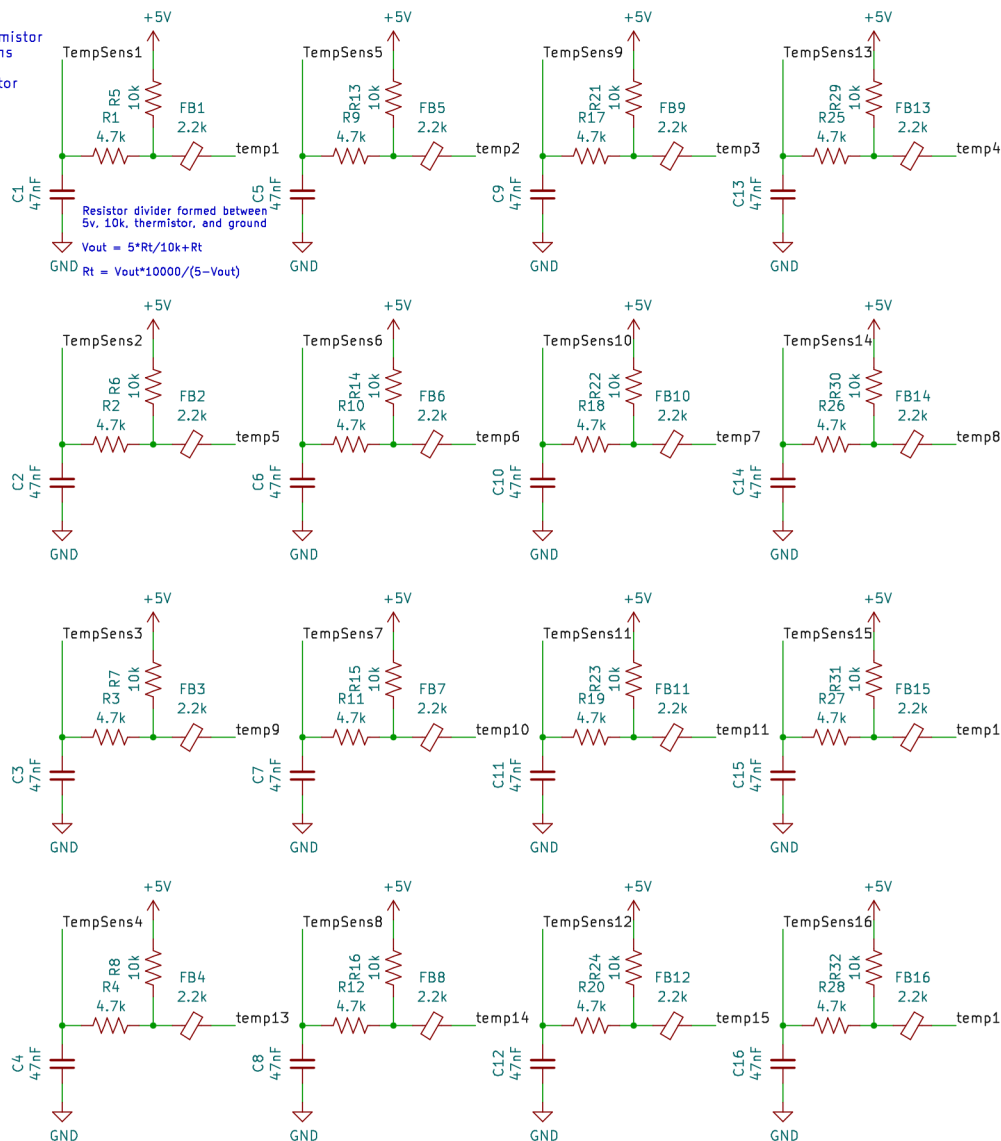
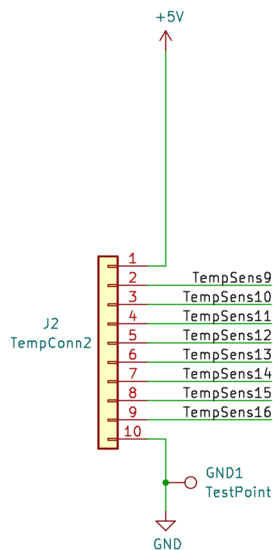
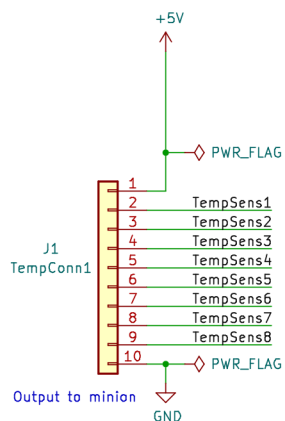




Using the CWF1B103F3380 thermistor
With B=3380, R0 = 10,000 ohms
Thermistor input at this connector

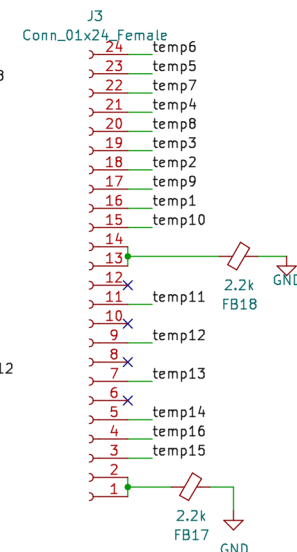


Version History:

v2.3:
Fix footprint issues
Update RC values to match timing of the LTC6811
Redo PCB layout to reduce islands and vias

v2.2:
PCB layout to make everything symmetrical
and easier to solder

v2.1:
Board supports 16 temperature sensors, add
RC filter to all temperature sensors



LTC6811 delay between sleep and
measuring ADC voltage is T_WAKE+T_REFUP

T_WAKE+T_REFUP = 200us+2.7ms=2.9ms (minimum)
freq = 1/.0029 = 345Hz

Setting LC cutoff freq to $2\pi\sqrt{45} = 690$
Using a 47nF cap and 4.7K resistor,
we achieve a cutoff freq of 720Hz.