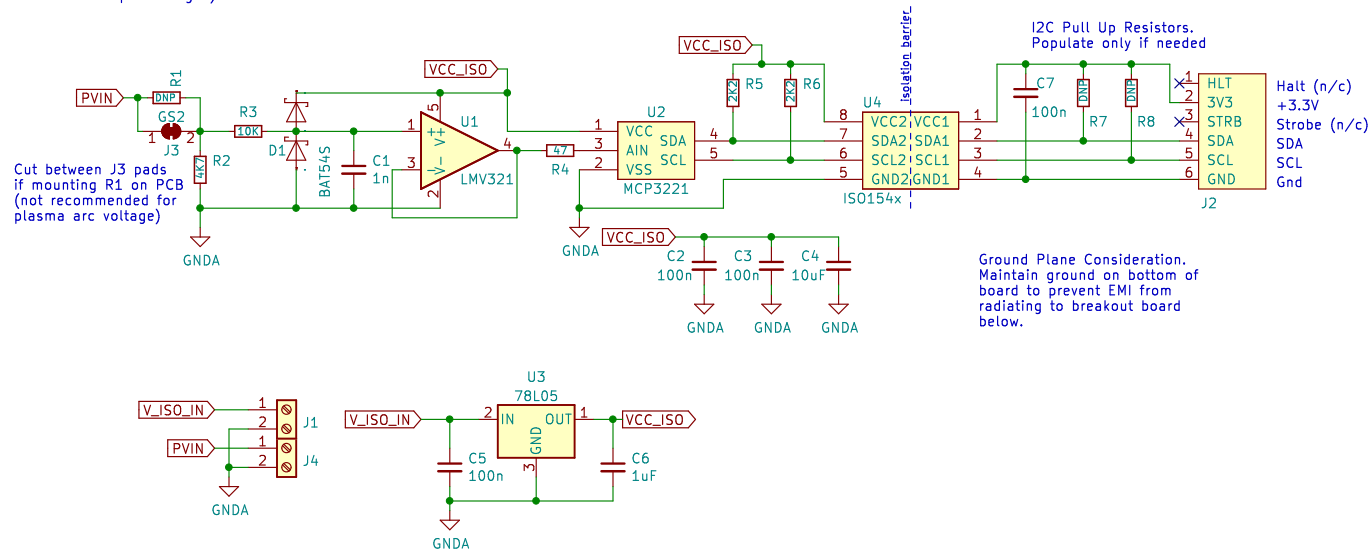


Using External Voltage Divider.  
To use an external R1, solder short  
J3. R2 is 10K – use the following  
calculation to determine R1:  
 $R1 = 4700 * (V_{adc} / 2.5 - 1)$   
Use next higher standard  
resistor. 1 Watt recommended.  
(note to self – verify the target  
ADC input voltage?)



# Brookwood Design

Sheet: /  
File: adc\_i2c\_iso.kicad\_sch

## Title: PLasma I2C Isolated ADC

Size: USLetter Date: 2023-09-09  
KiCad E.D.A. kicad (6.0.7)

Rev: V1.4  
Id: 1/1