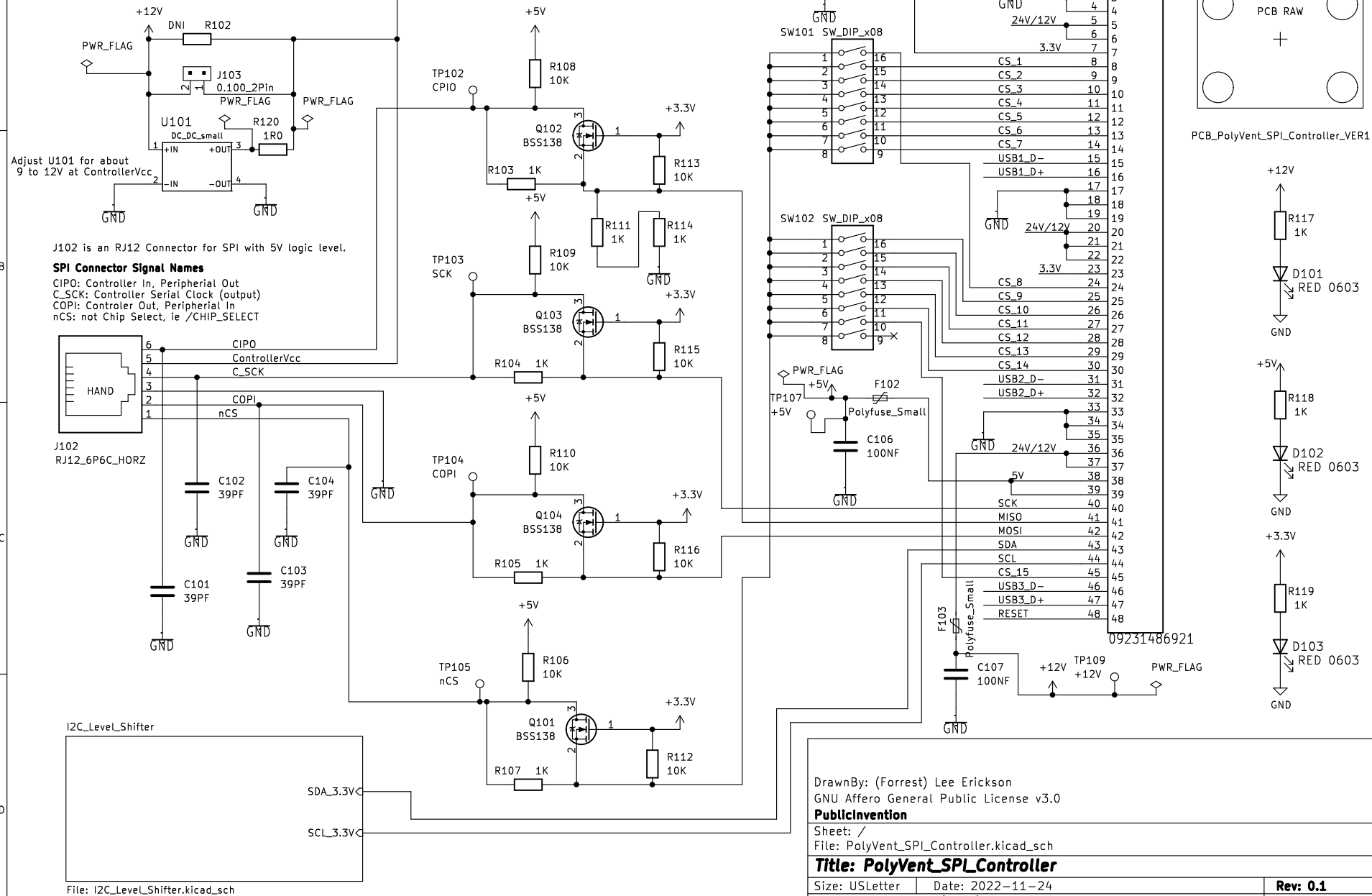


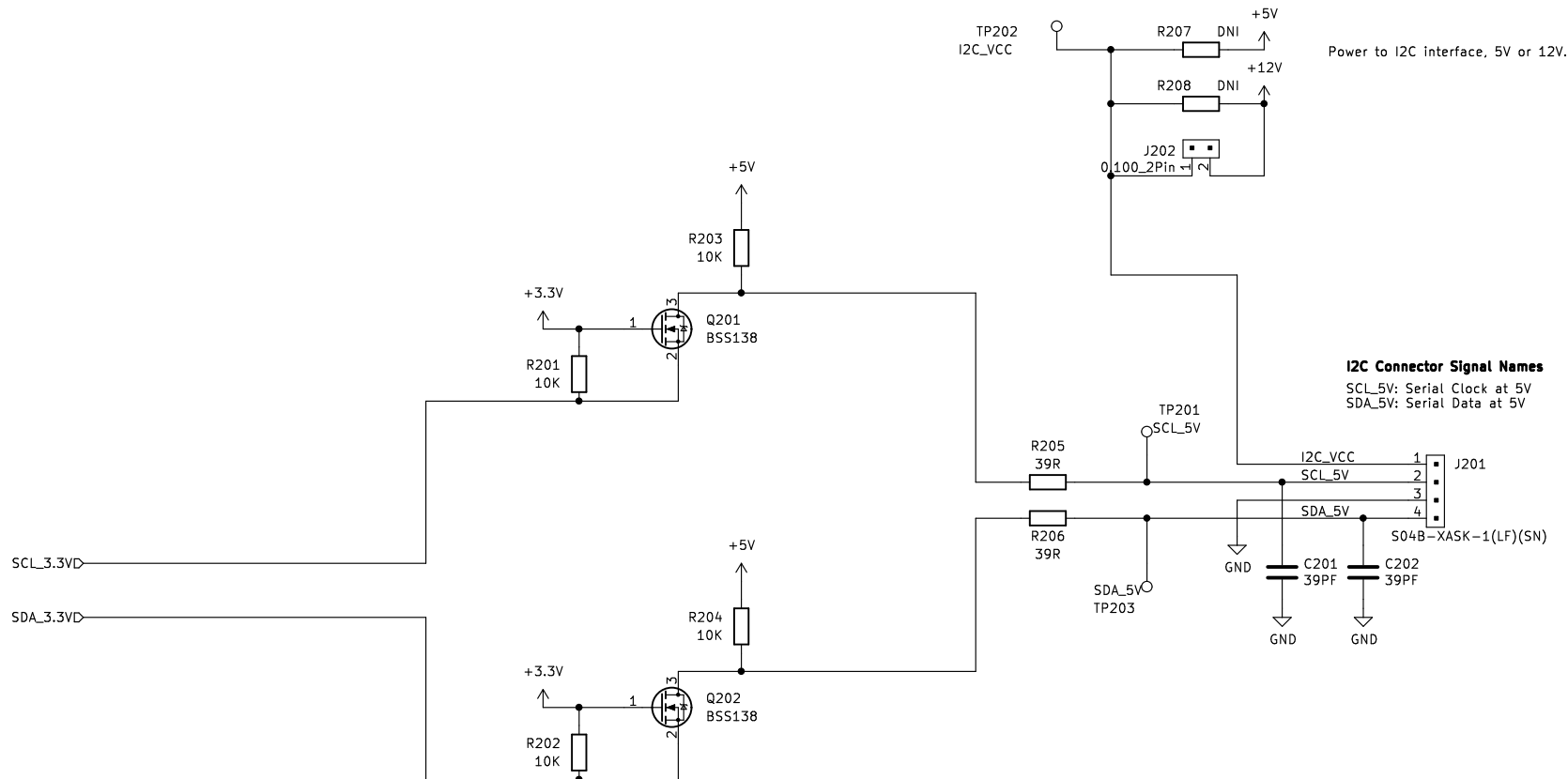
# SPI and I2C Interface Card for the PolyVent

Board name: PolyVent\_SPI\_Controller

An interface card for the PolyVent to bring out SPI bus for the GPAD. Level shift from 5V to 3V on the CIP0.

Also to bring out I2C buss through bidirectional level shifters.





DrawnBy: (Forrest) Lee Erickson  
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**PublicInvention**

Sheet: /I2C\_LevelShifter/  
 File: I2C\_LevelShifter.kicad\_sch

**Title: PolyVent\_SPL\_Controller**

Size: USLetter | Date: 2022-11-24  
 KiCad E.D.A. kicad (6.0.6)

**Rev: 0.1**  
 Id: 2/2