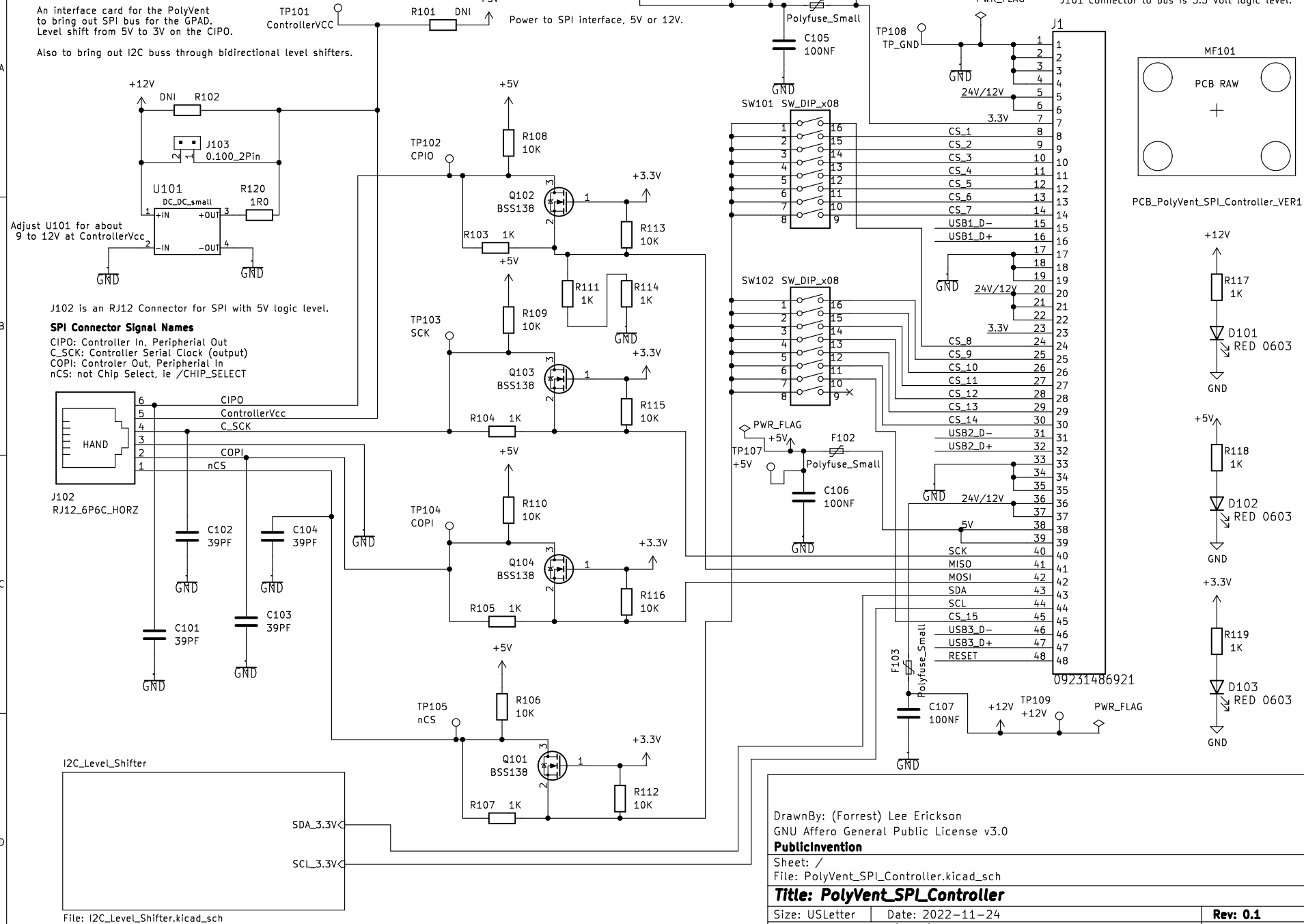


SPI and I2C Interface Card for the PolyVent

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.



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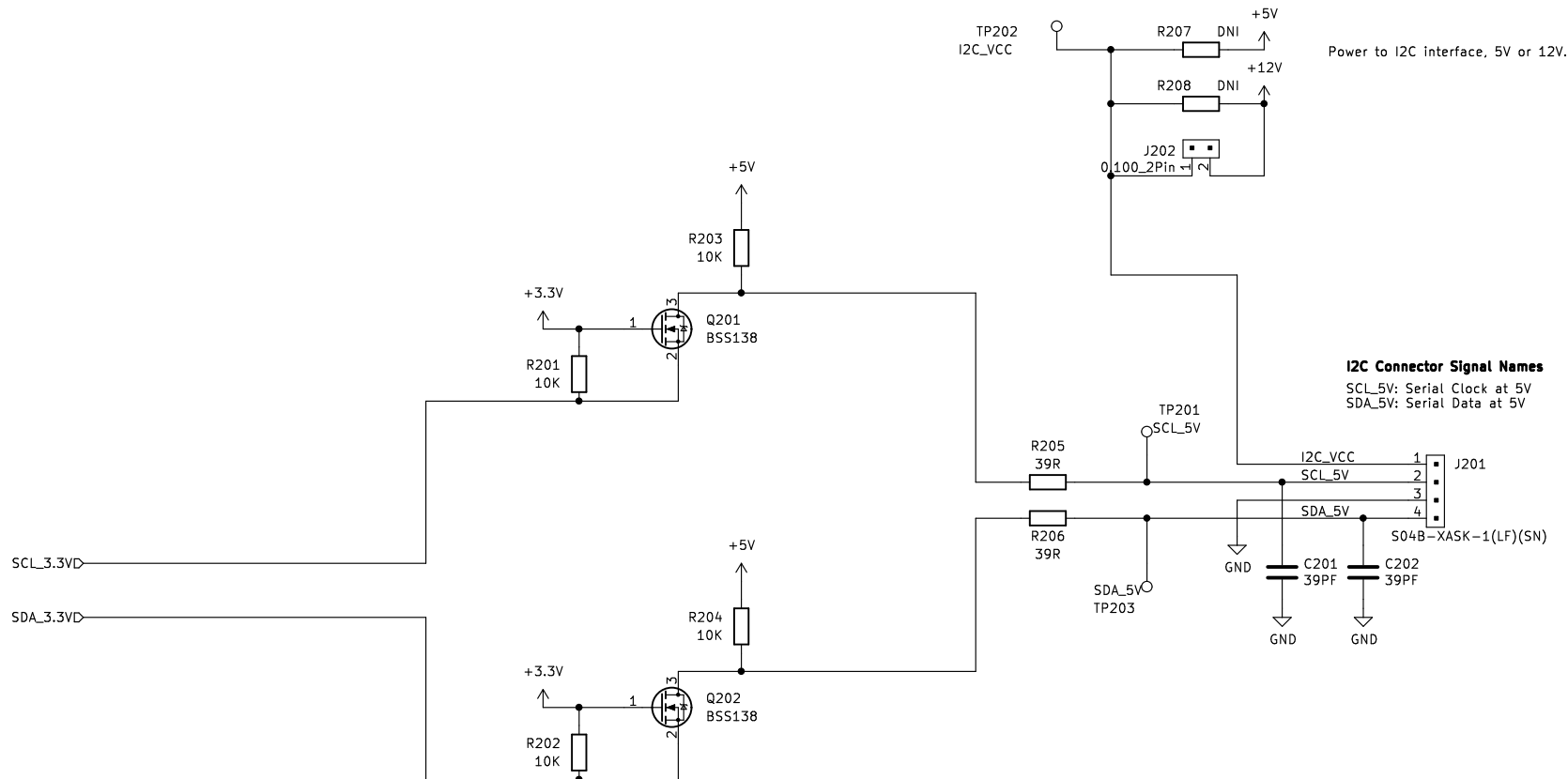
PublicInvention

Sheet: /
File: PolyVent_SPI_Controller.kicad_sch

Title: PolyVent_SPL_Controller

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

Rev: 0.1
Id: 1/2



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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