

RPiHat specifications:  
<https://github.com/raspberrypi/hats/blob/master/hat-board-mechanical.pdf>

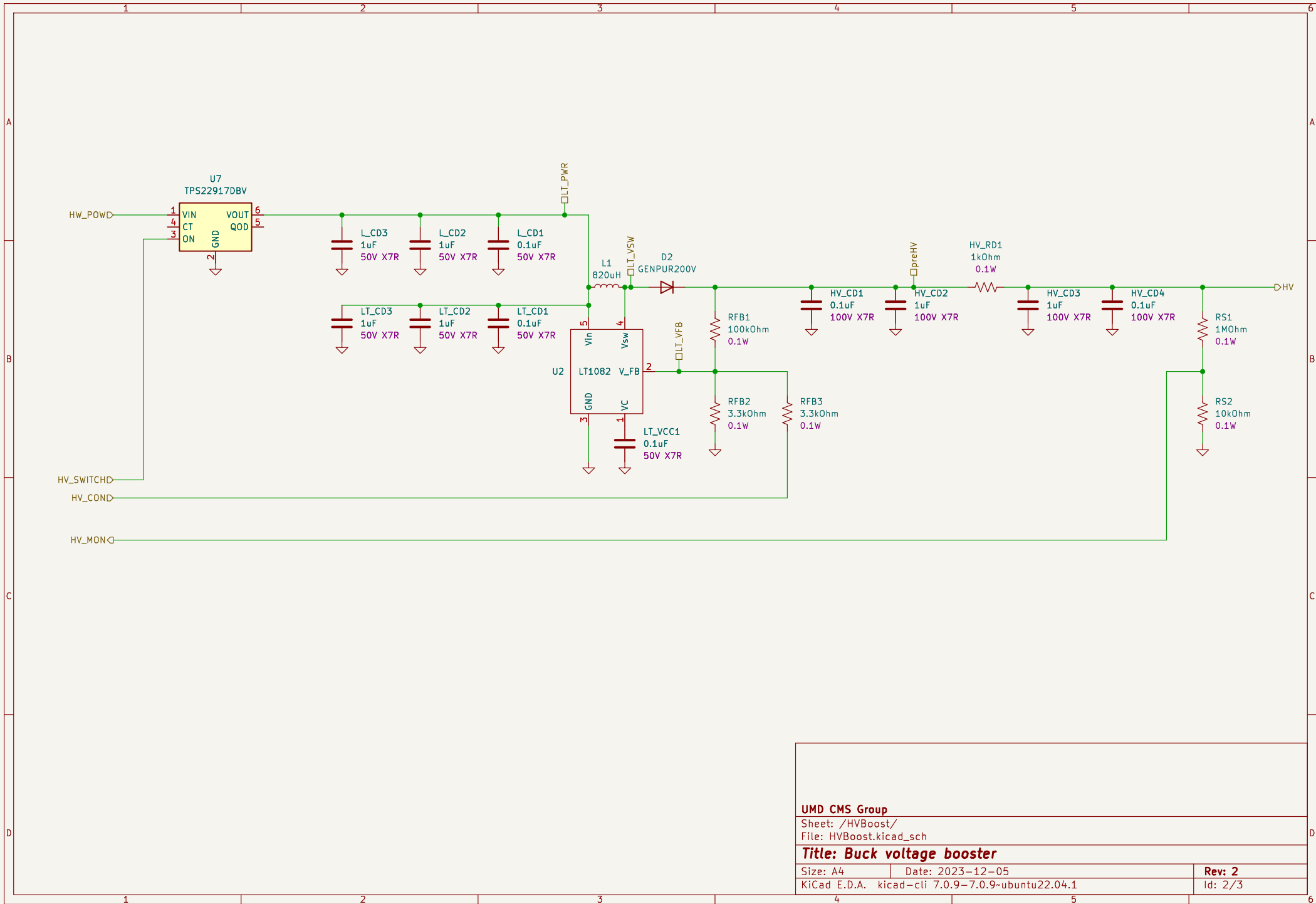
#### UMD CMS Group

Sheet: /  
 File: RPiHatHVLVPower.kicad\_sch

#### Title: Programmable High/Low Voltage Power supply

Size: A4 Date: 2023-12-05  
 KiCad E.D.A. kicad-cli 7.0.9-7.0.9-ubuntu22.04.1

Rev: 2  
 Id: 1/3



UMD CMS Group

Sheet: /HVBoost/

File: HVBoost.kicad\_sch

**Title: Buck voltage booster**

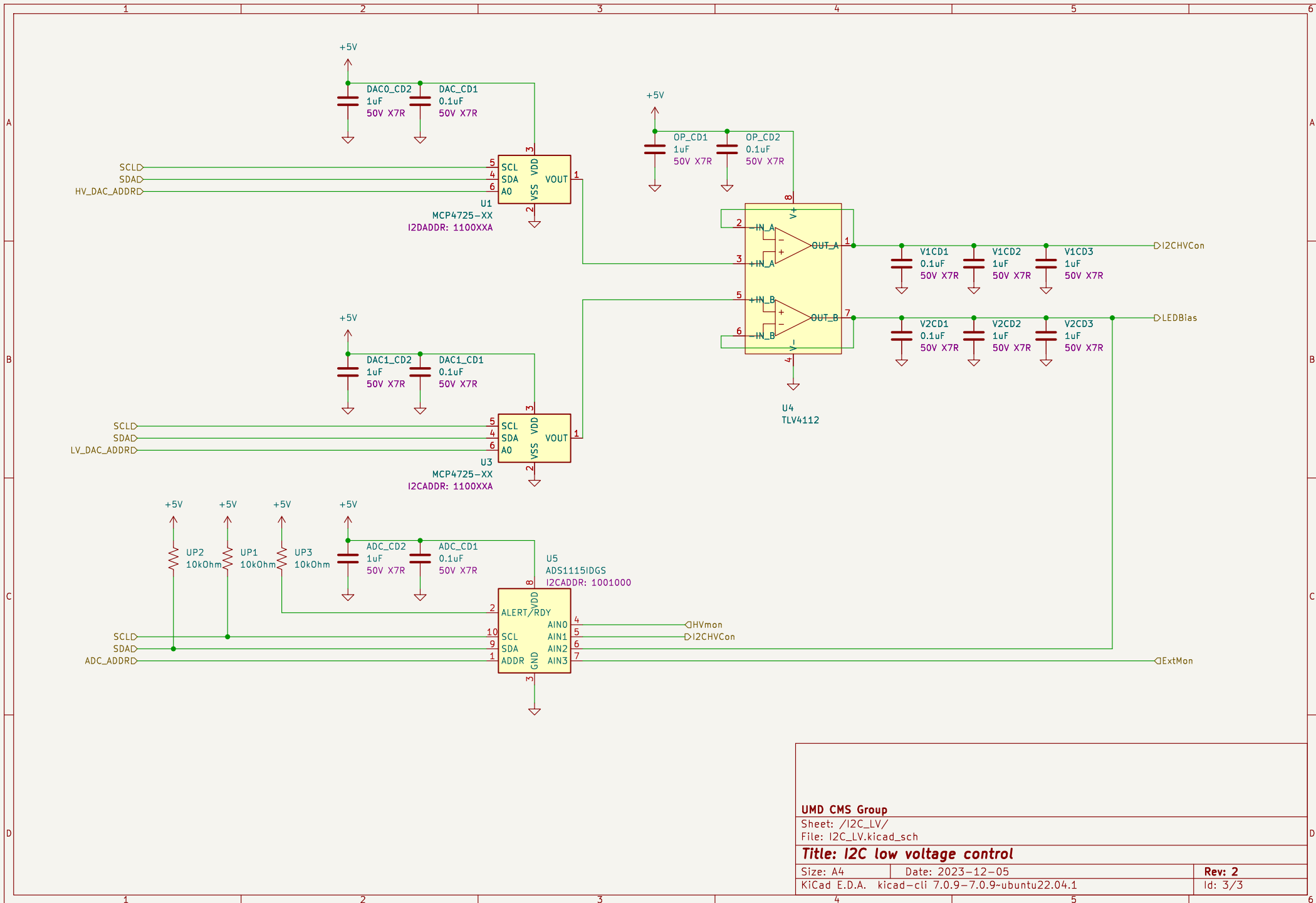
Size: A4

Date: 2023-12-05

Rev: 2

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Id: 2/3



UMD CMS Group

Sheet: /I2C\_LV/

File: I2C\_LV.kicad\_sch

**Title: I2C low voltage control**

Size: A4

Date: 2023-12-05

Rev: 2

KiCad E.D.A. kicad-cli 7.0.9-7.0.9-ubuntu22.04.1

Id: 3/3