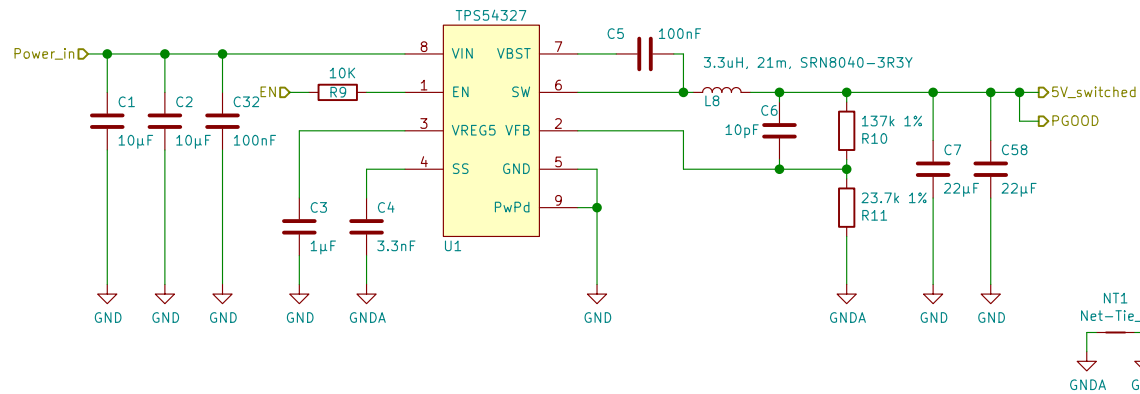


5.2V 3A DC/DC



Also set the output to 5.1–5.2V so the Pi doesn't bitch about low voltage

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squarewave / 0zzaurak

Sheet: /RaspiPower/

File: RaspiPower.sch

Title: LEDCube masterboard

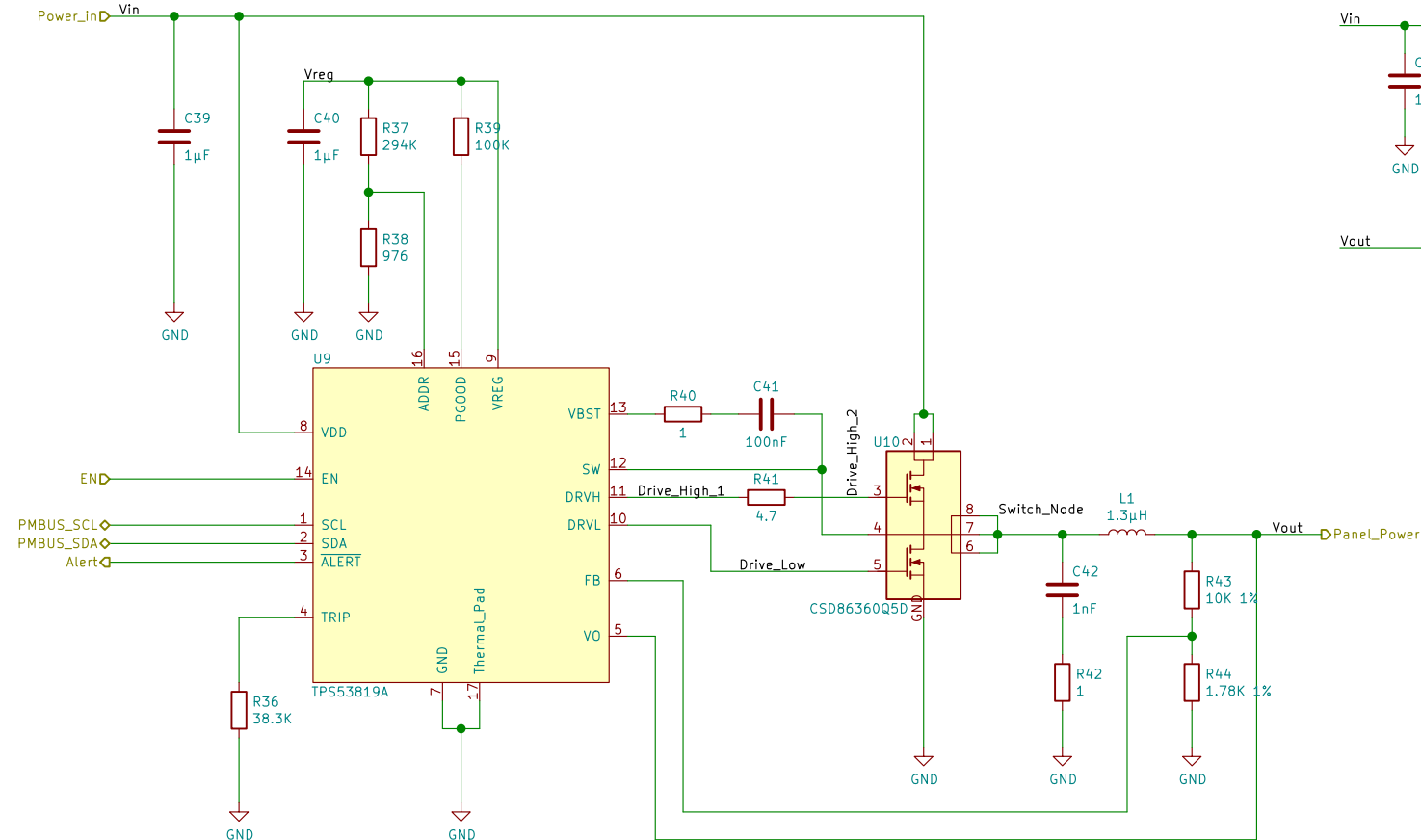
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KiCad E.D.A. kicad (5.0.1-3-g963ef8bb5)

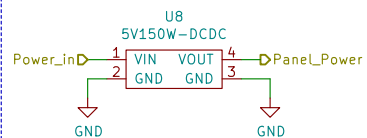
Rev: 0.2a

Id: 2/7

Panel Power 4.2V 20A



Backup China DC/DC 5V 150W



License: CC-BY-SA V4.0
original design by Bob Miller and George Ioakimedes
<https://github.com/kbob/LED-Cube>

squarewave / ozzaurak

Sheet: /PanelPower/
File: PanelPower.sch

Title: LEDCube masterboard

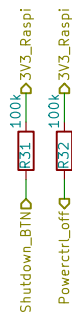
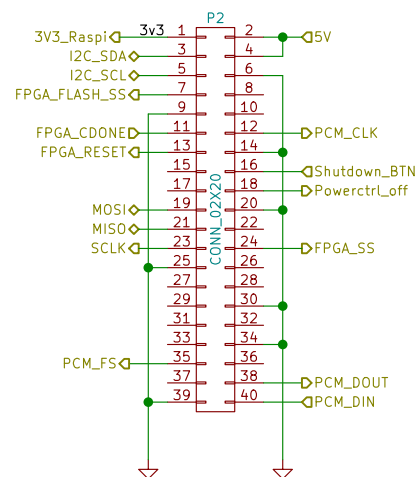
Size: A4
KiCad E.D.A. kicad (5.0.1-3-g963ef8bb5)

Date: 2019-06-11

Rev: 0.2a

Id: 4/7

Raspberry Pi GPIO Connector



Optional pullups, if Raspi is not fast enough for the PB on/off controller

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Sheet: /Raspberry Pi/
File: Raspi.sch

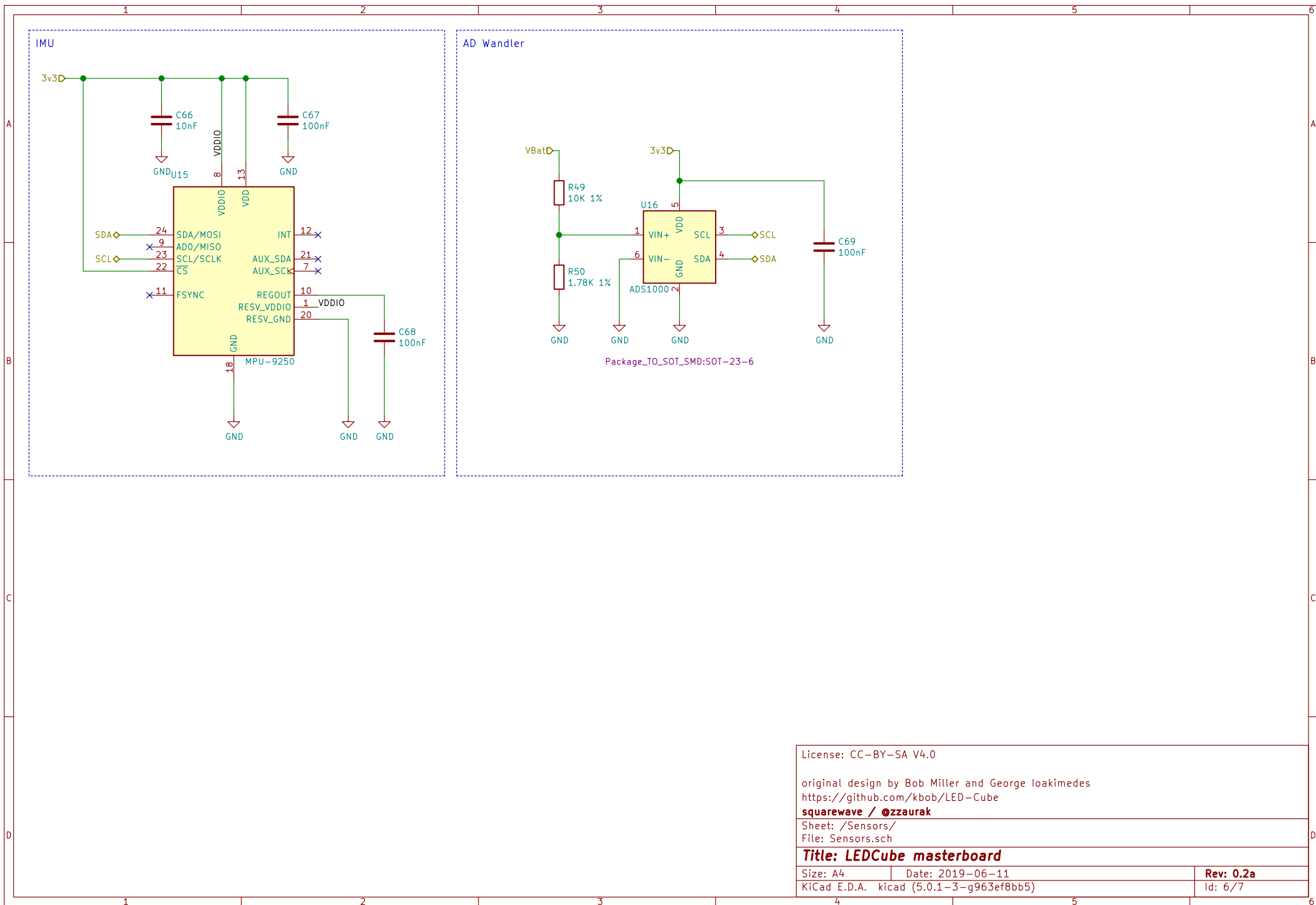
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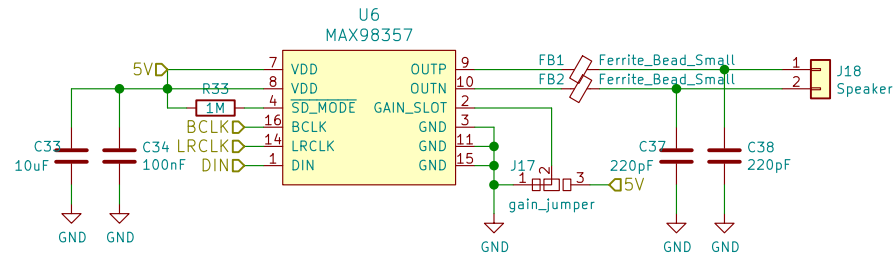
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Rev: 0.2a

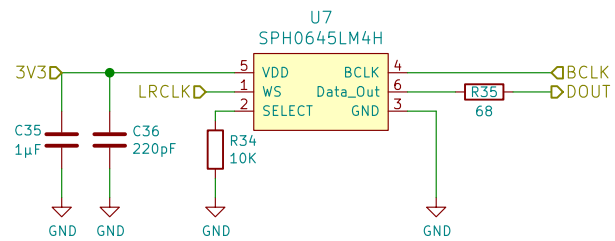
Id: 5/7



I2S Speaker AMP



I2S MEMS Microphone



Sheet: /Digital Audio/
File: DigitalAudio.sch

Title:

Size: A4
KiCad E.D.A. kicad (5.0.1-3-g963ef8bb5)

Date:

Rev:
Id: 7/7