



Sheet: /FPGA Power/  
File: fpga\_power.kicad\_sch

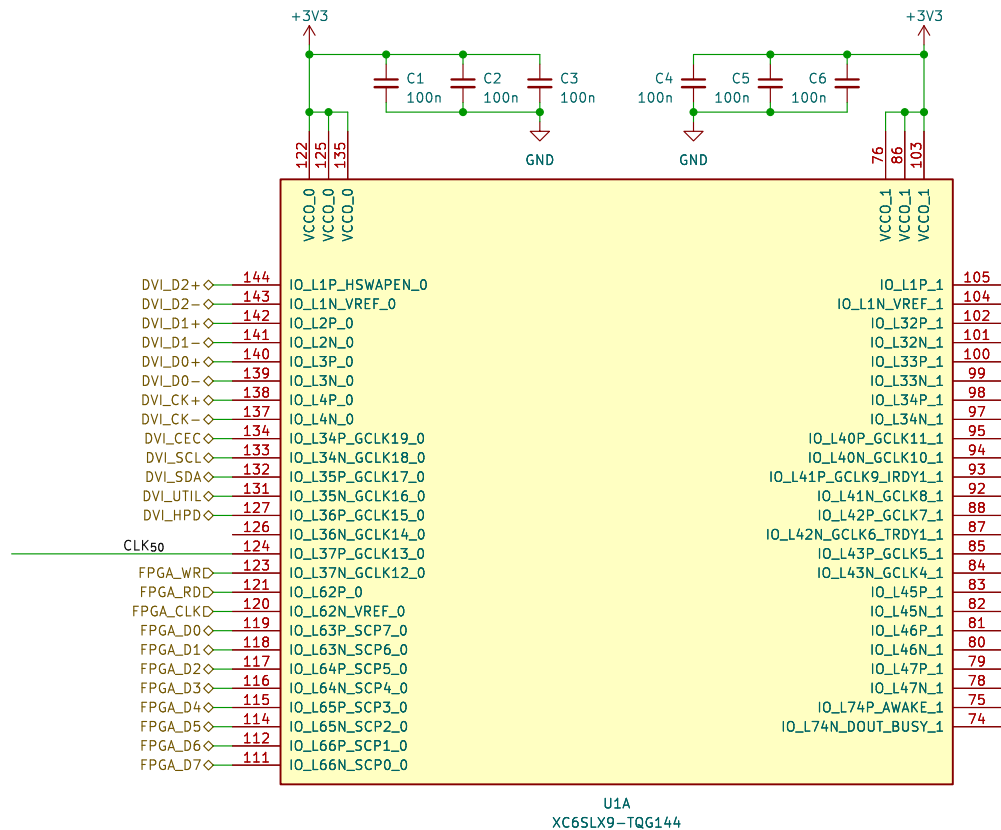
**Title: FPGA Power**

Size: A4	Date: 2024-03-11
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KiCad E.D.A. 8.0.0

Rev: 1

Id: 2/8



<https://github.com/Cuprum77>

Sheet: /FPGA IO Bank A/  
File: fpga\_io\_bank\_a.kicad\_sch

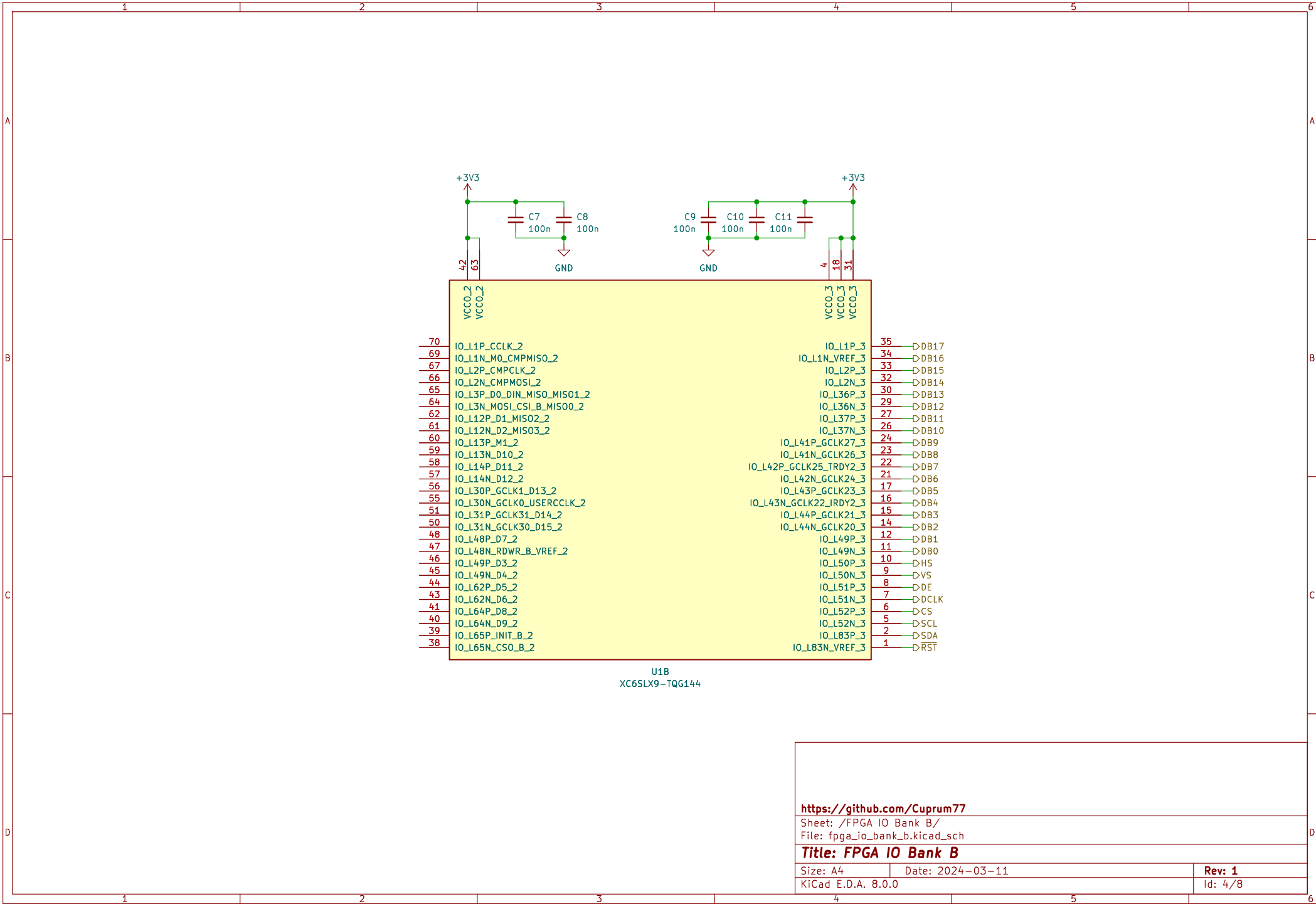
**Title: FPGA IO Bank A**

Size: A4 Date: 2024-03-11

KiCad E.D.A. 8.0.0

Rev: 1

Id: 3/8



<https://github.com/Cuprum77>

Sheet: /FPGA IO Bank B/  
File: fpga\_io\_bank\_b.kicad\_sch

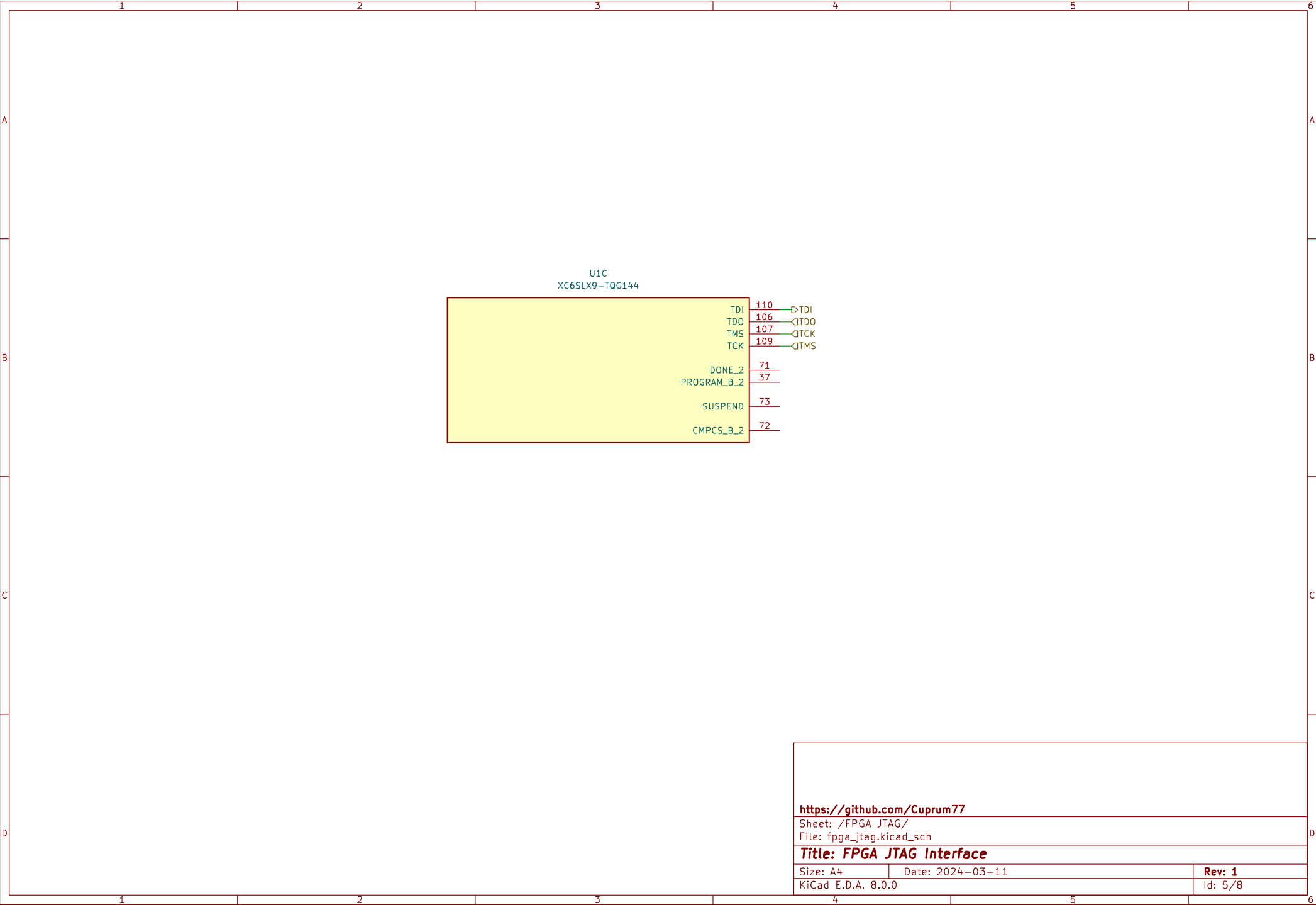
**Title: FPGA IO Bank B**

Size: A4 Date: 2024-03-11

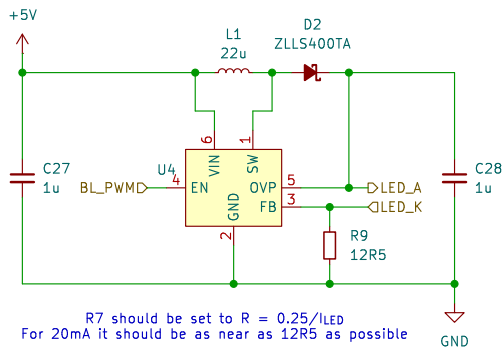
KiCad E.D.A. 8.0.0

Rev: 1

Id: 4/8







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Sheet: /Backlight/  
File: backlight.kicad\_sch

**Title: Backlight Driver**

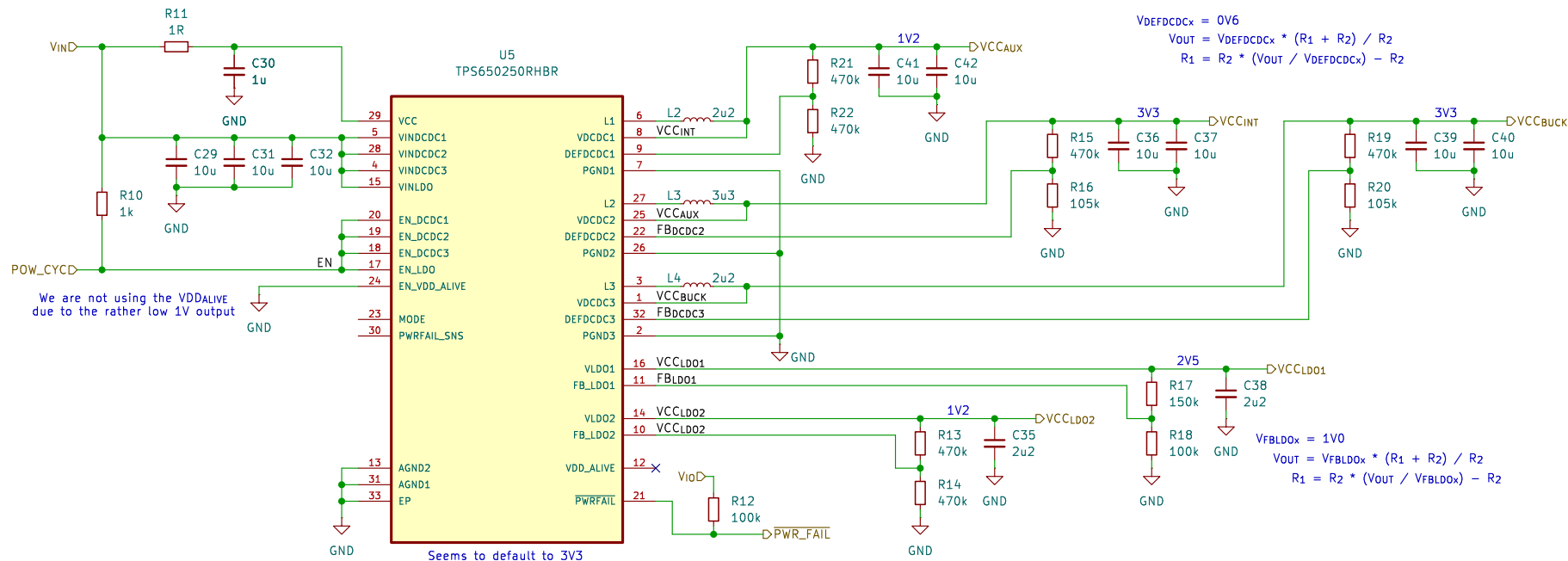
Size: A4

Date: 2024-03-11

Rev: 1

KiCad E.D.A. 8.0.0

Id: 7/8



This is completely overkill for this circuit.  
We could have gotten away with a significantly cheaper  
3V3 and 1V2 supply with a few bucks, but this is honestly  
cheaper as we can just reference TI's existing reference design

<https://github.com/Cuprum77>

Sheet: /Buck Converter/  
File: buck\_power.kicad\_sch

**Title: Power Controller**

Size: A4 Date: 2024-03-11

KiCad E.D.A. 8.0.0

Rev: 1

Id: 8/8