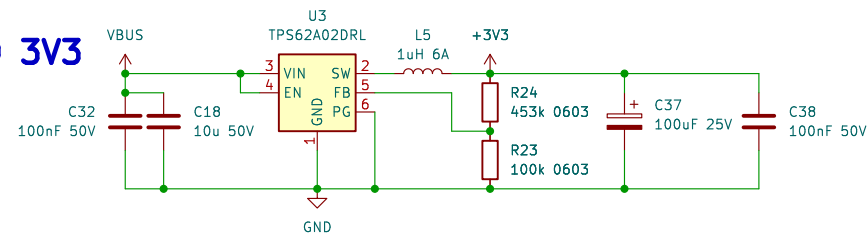


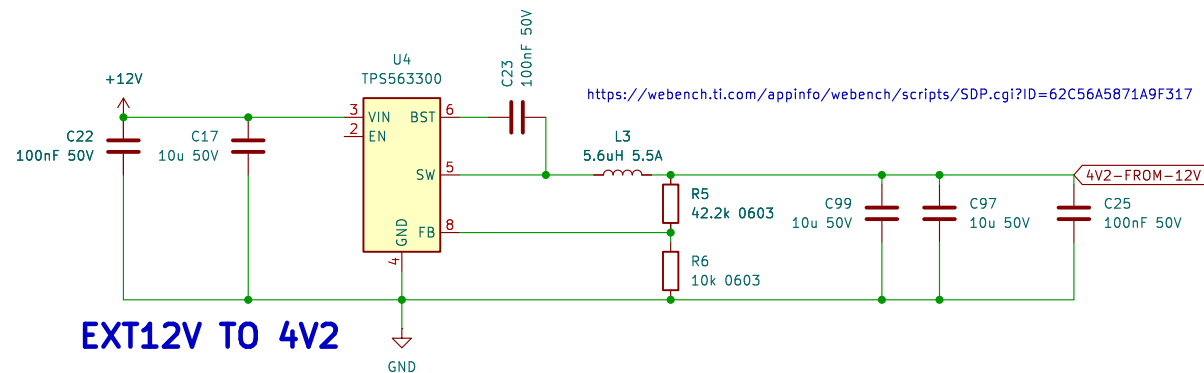
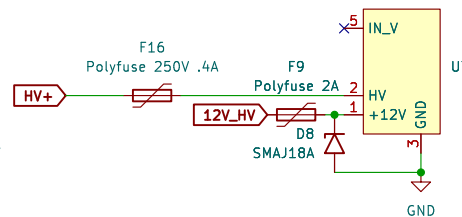


## MAIN TO 3V3

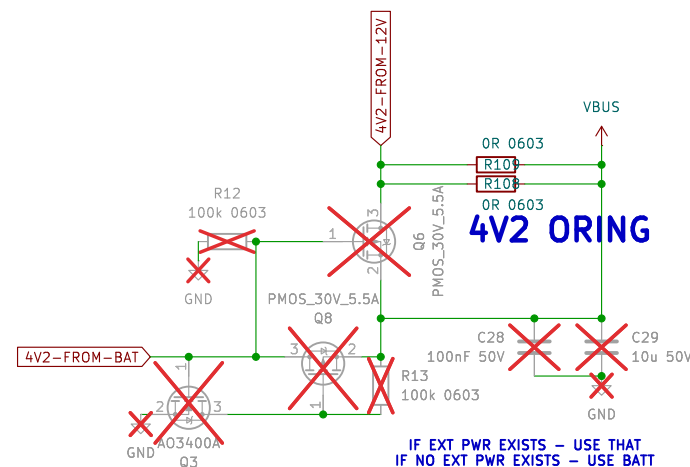
<https://webench.ti.com/appinfo/webench/scripts/SDP.cgi?ID=FB38C6AE199D341B>



<https://github.com/kaminaris/GigaESC/tree/master/PowerBoard/TL494V20C>

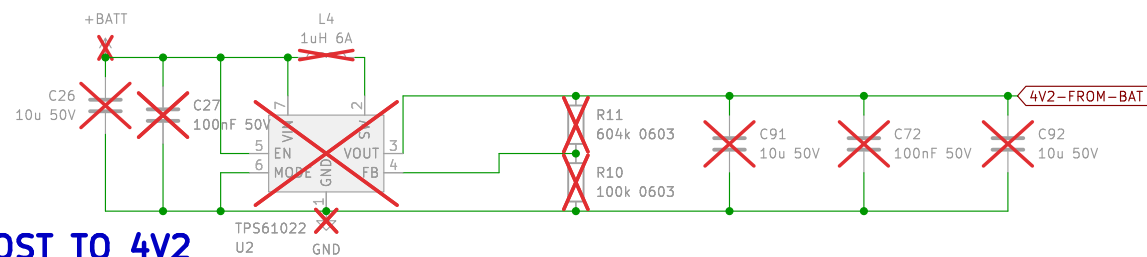


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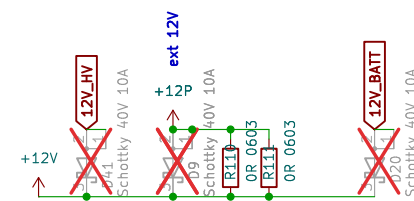
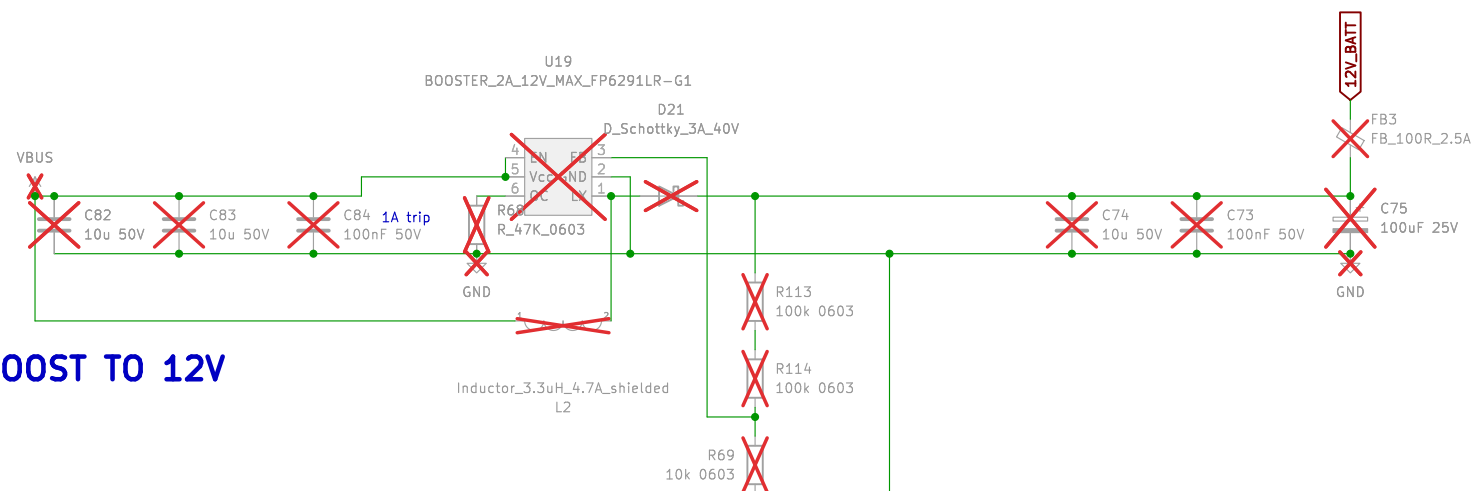


IF EXT PWR EXISTS - USE THAT  
IF NO EXT PWR EXISTS - USE BATT

## BATT BOOST TO 4V2



## BATT BOOST TO 12V



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Sheet: /DCDC/  
File: DCDC.kicad\_sch

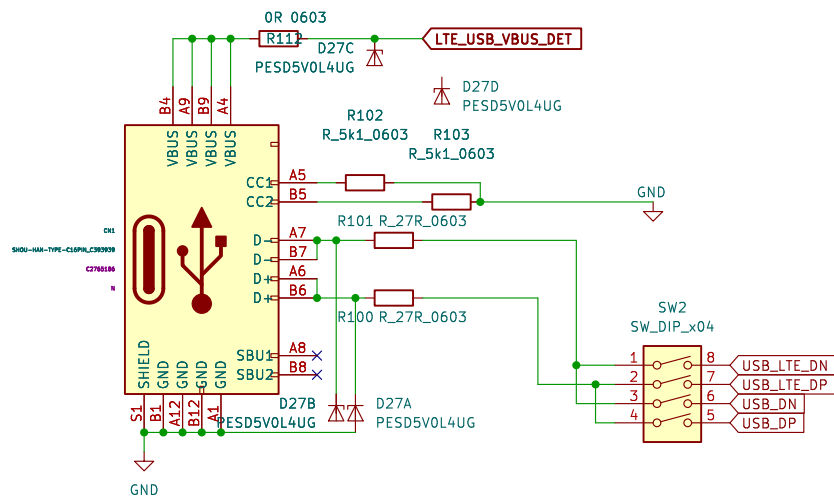
Title: VehicleMan

Size: A3 Date: 2025-03-04

KiCad E.D.A. 9.0.0

Rev: 0

Id: 2/11



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File: USB.kicad\_sch

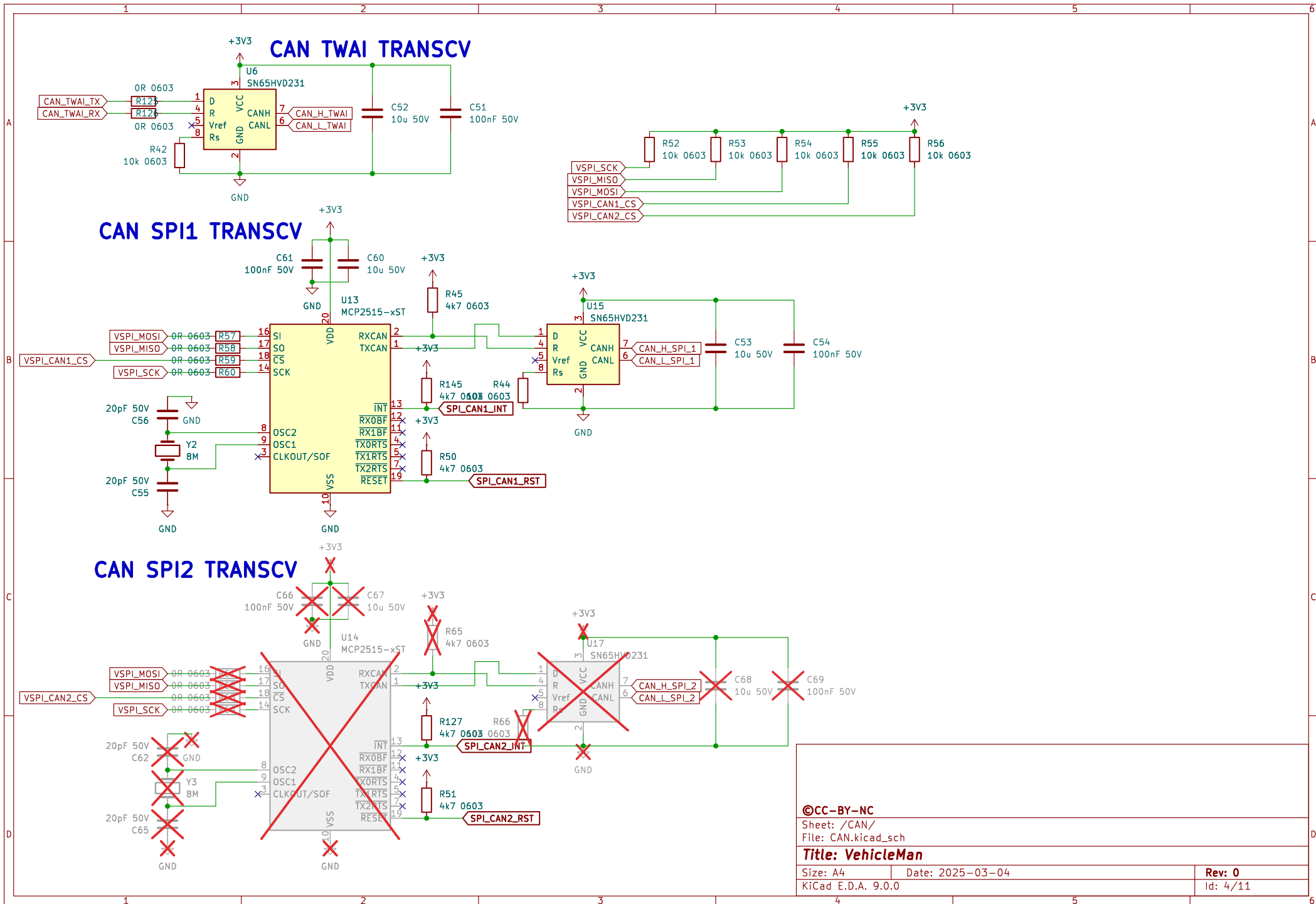
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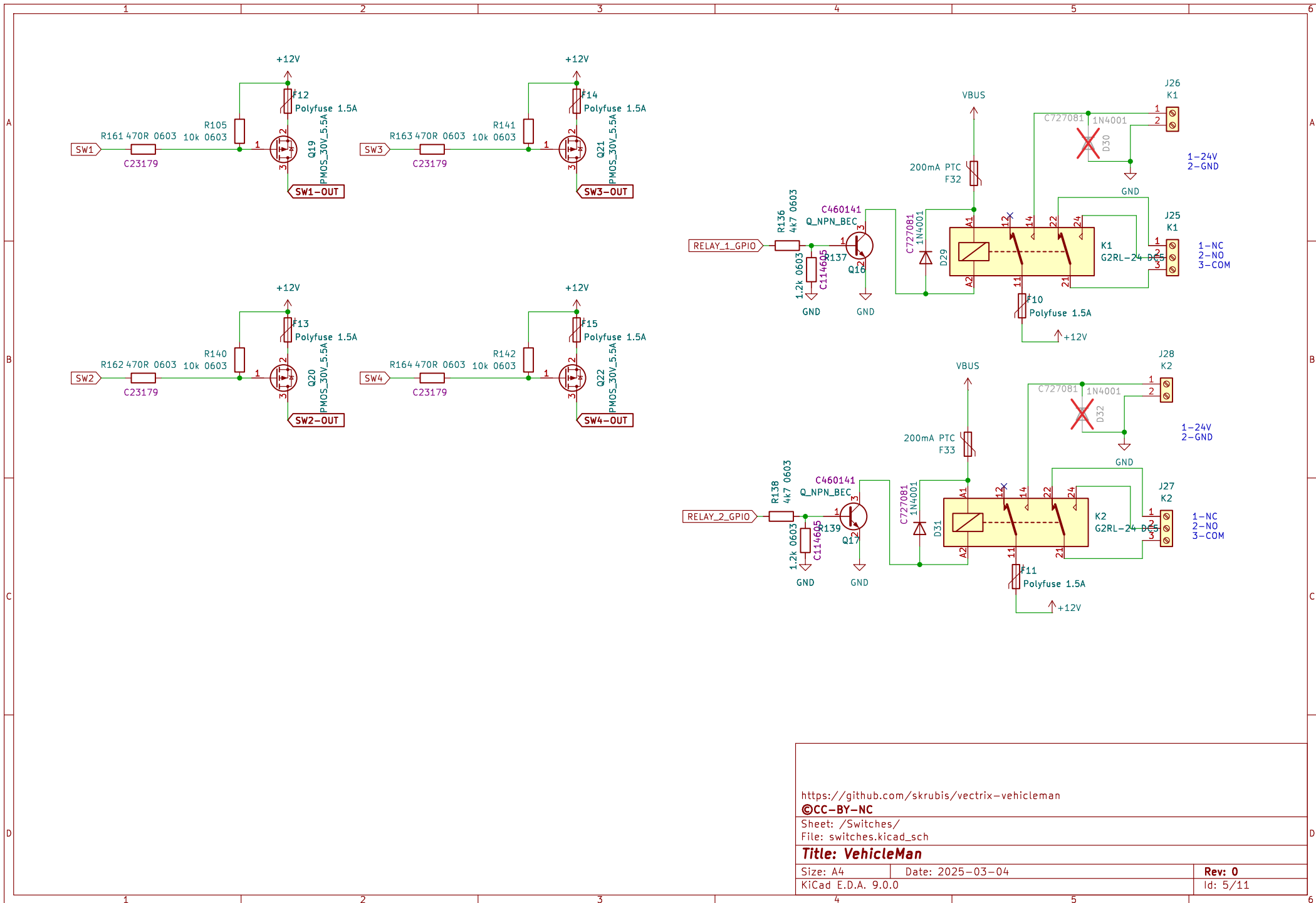
Size: A4 Date: 2025-03-04

KiCad E.D.A. 9.0.0

**Rev: 0**

Id: 3/11





<https://github.com/skrubis/vectrix-vehicleman>

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Sheet: /Switches/

File: switches.kicad\_sch

**Title: VehicleMan**

Size: A4

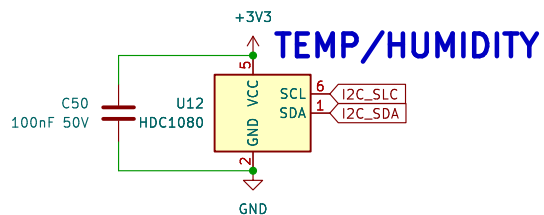
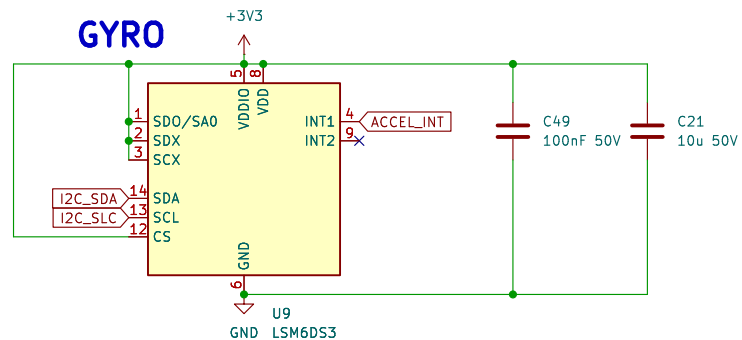
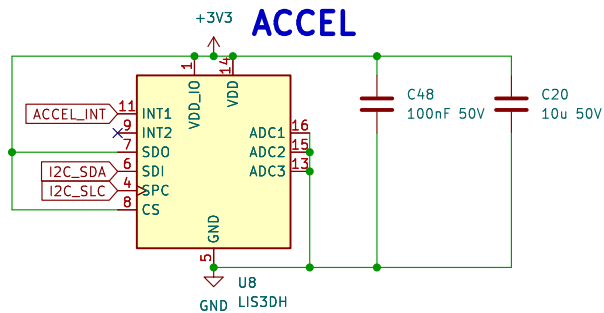
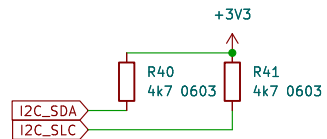
Date: 2025-03-04

Rev: 0

KiCad E.D.A. 9.0.0

Id: 5/11





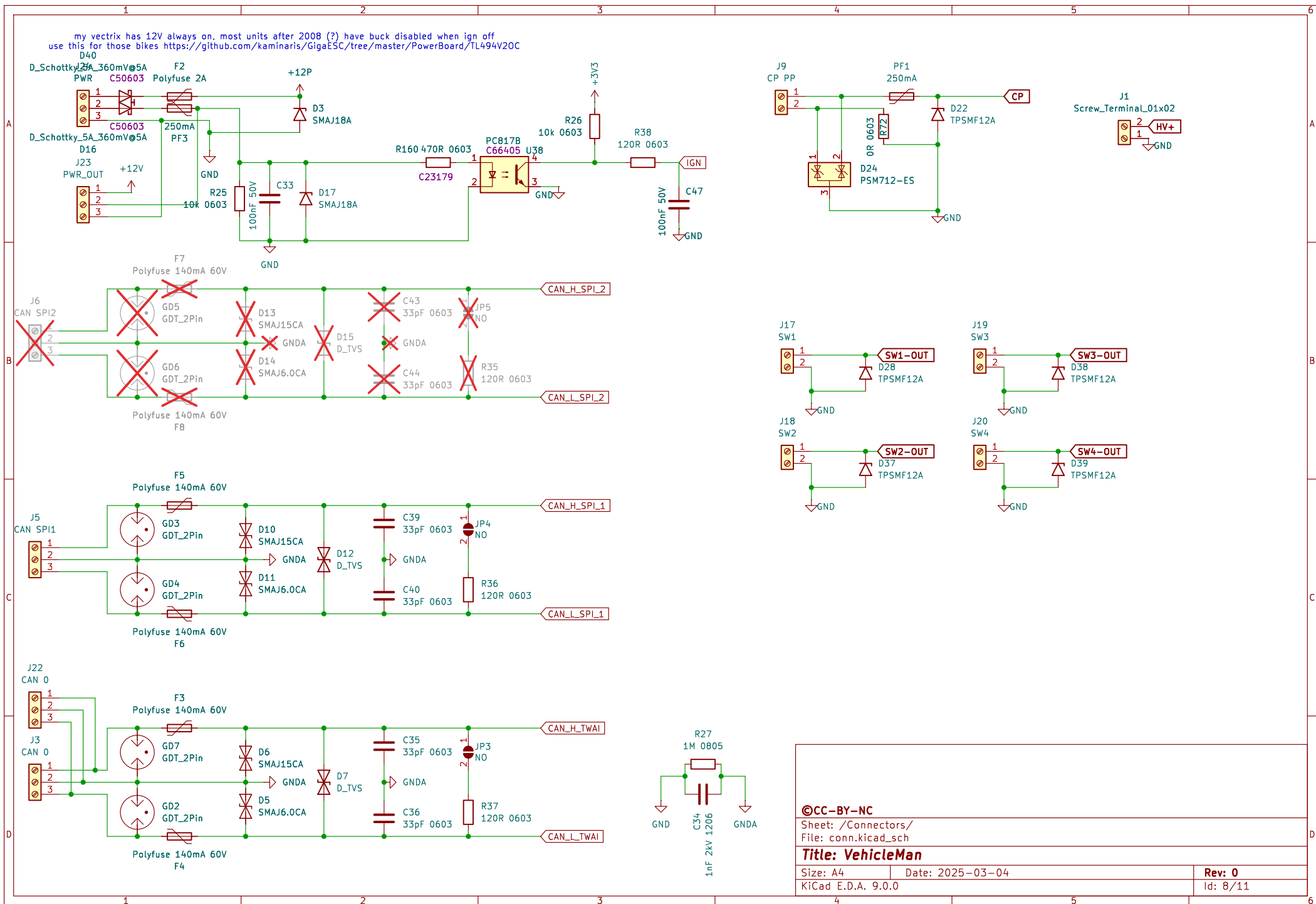
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Sheet: /Alarm/  
File: Alarm.kicad\_sch

**Title: VehicleMan**

Size: A4 Date: 2025-03-04  
KiCad E.D.A. 9.0.0

**Rev: 0**  
Id: 7/11



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Sheet: /Connectors/  
File: conn.kicad\_sch

**Title: VehicleMan**

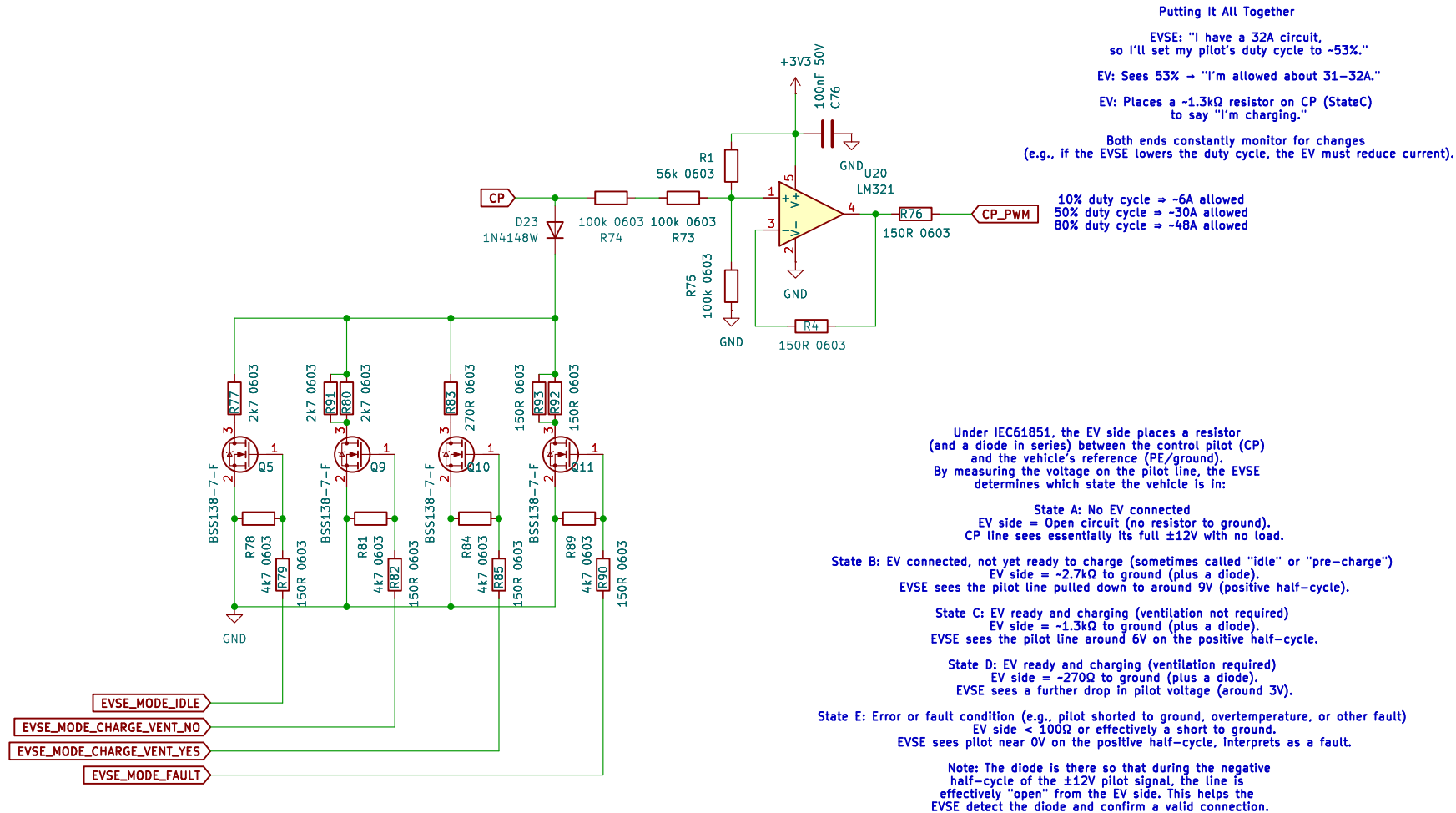
Size: A4 Date: 2025-03-04

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Rev: 0

Id: 8/11





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File: type2.kicad\_sch

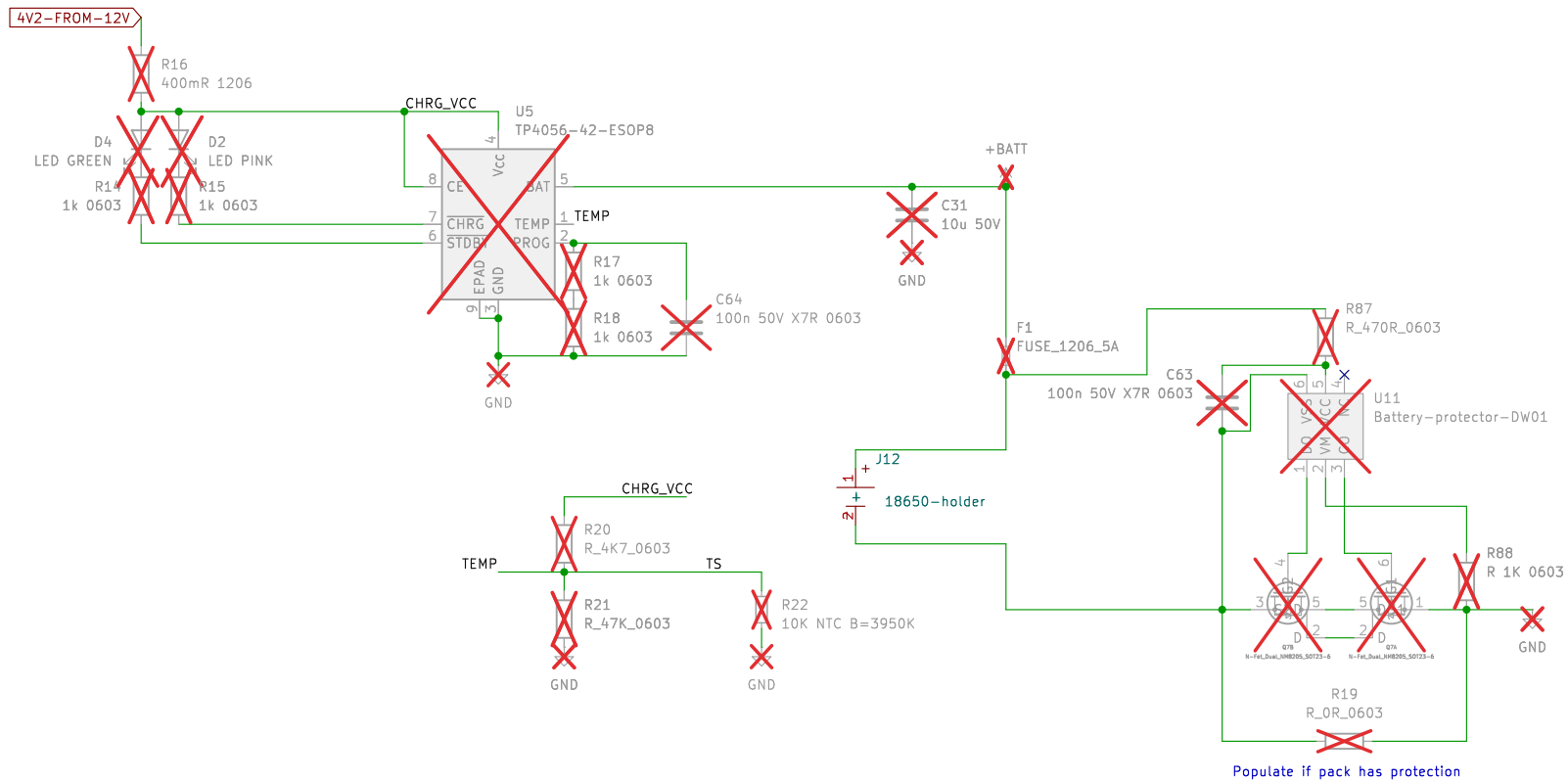
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Size: A4 Date: 2025-03-04

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Rev: 0

Id: 10/11



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Sheet: /Battery/

File: battery-backup.kicad\_sch

**Title: VehicleMan**

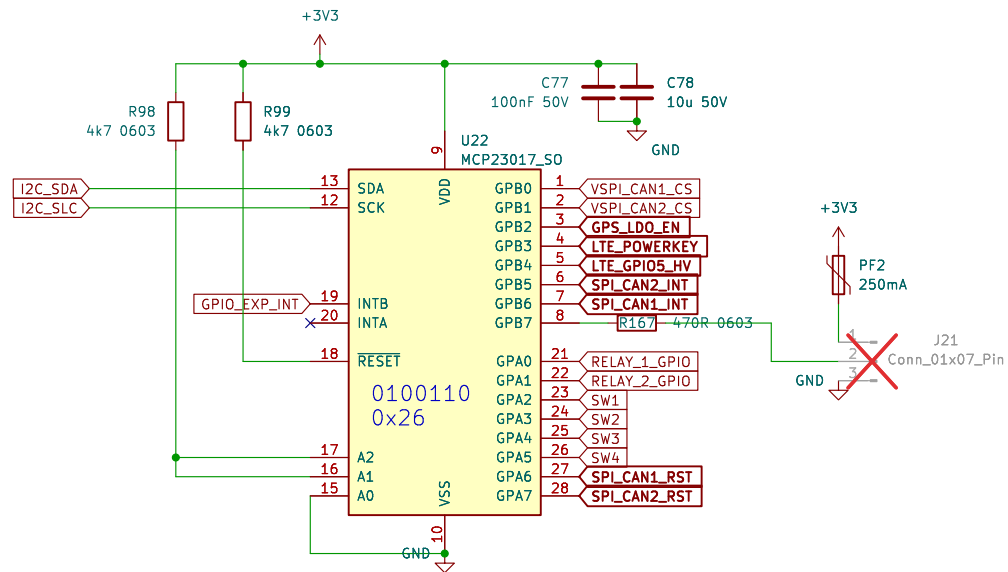
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Date: 2025-03-04

Rev: 0

KiCad E.D.A. 9.0.0

Id: 10/11



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Sheet: /GPIO Expander/  
File: GPIO\_Expander.kicad\_sch

**Title: VehicleMan**

Size: A4 Date: 2025-03-04

KiCad E.D.A. 9.0.0

**Rev: 0**

Id: 11/11