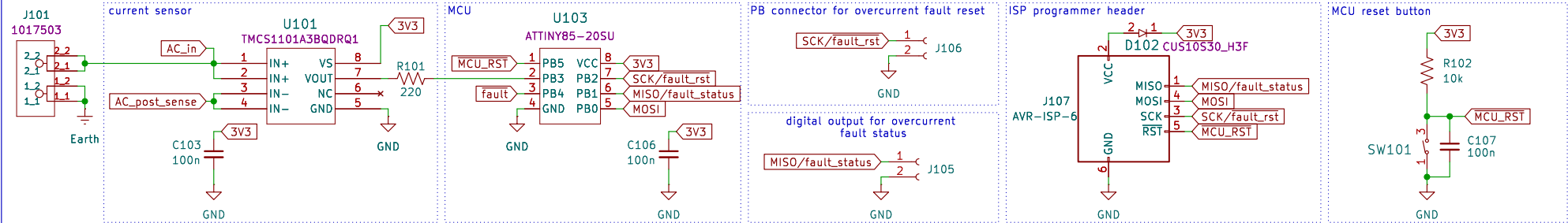
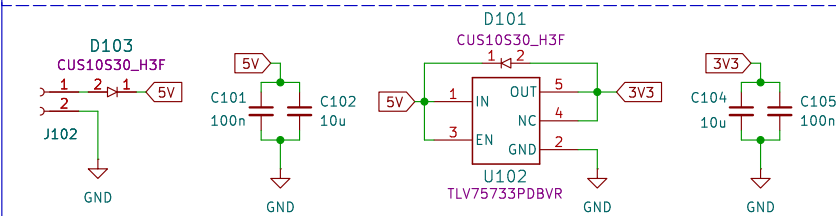


## AC input w/overcurrent protection



## 5 volt input w/3V3 regulator



## Power flags for DRC/ERC



## Switching channels



## 15 volt isolated input



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 Sheet: /  
 File: bidirectional\_load\_switch.kicad\_sch  
**Title: Bidirectional Load Switch**  
 Size: A4 Date: 2024-10-29  
 KiCad E.D.A. 8.0.6 Rev: 0.2.0  
 Id: 1/9



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Sheet: /Channel 1/  
File: switching\_channel.kicad\_sch

**Title: Bidirectional Load Switch**

Size: A4 Date: 2024-10-29

KiCad E.D.A. 8.0.6

Rev: 0.2.0

Id: 2/9



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Sheet: /Channel 2/  
File: switching\_channel.kicad\_sch

**Title: Bidirectional Load Switch**

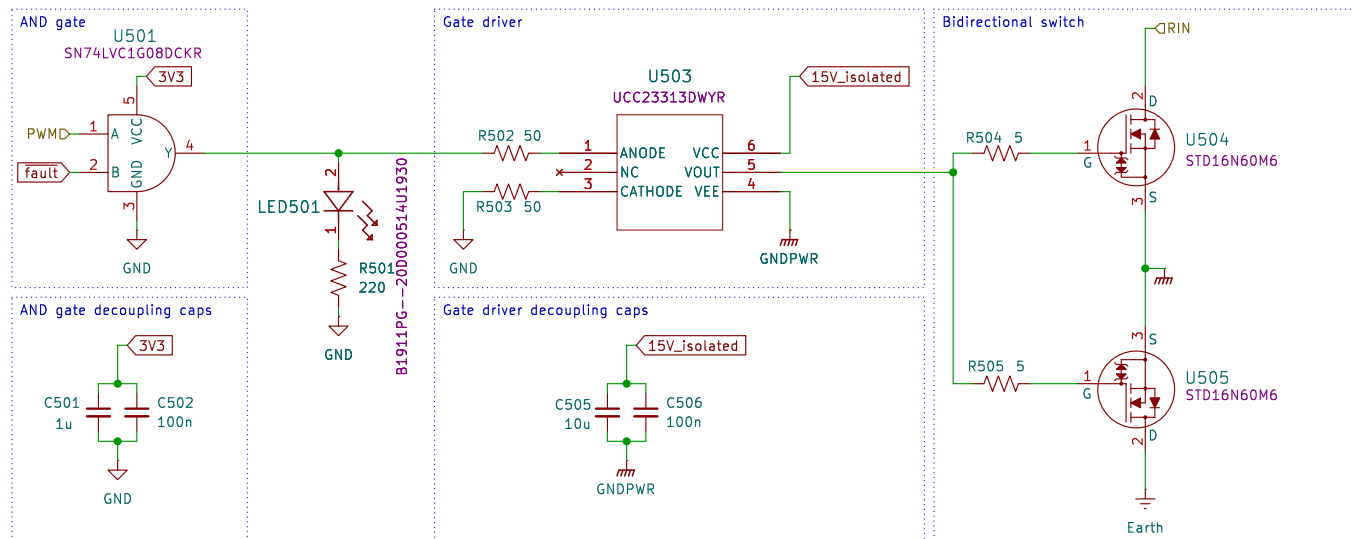
Size: A4 Date: 2024-10-29

KiCad E.D.A. 8.0.6

Rev: 0.2.0

Id: 3/9





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Sheet: /Channel 4/  
File: switching\_channel.kicad\_sch

**Title: Bidirectional Load Switch**

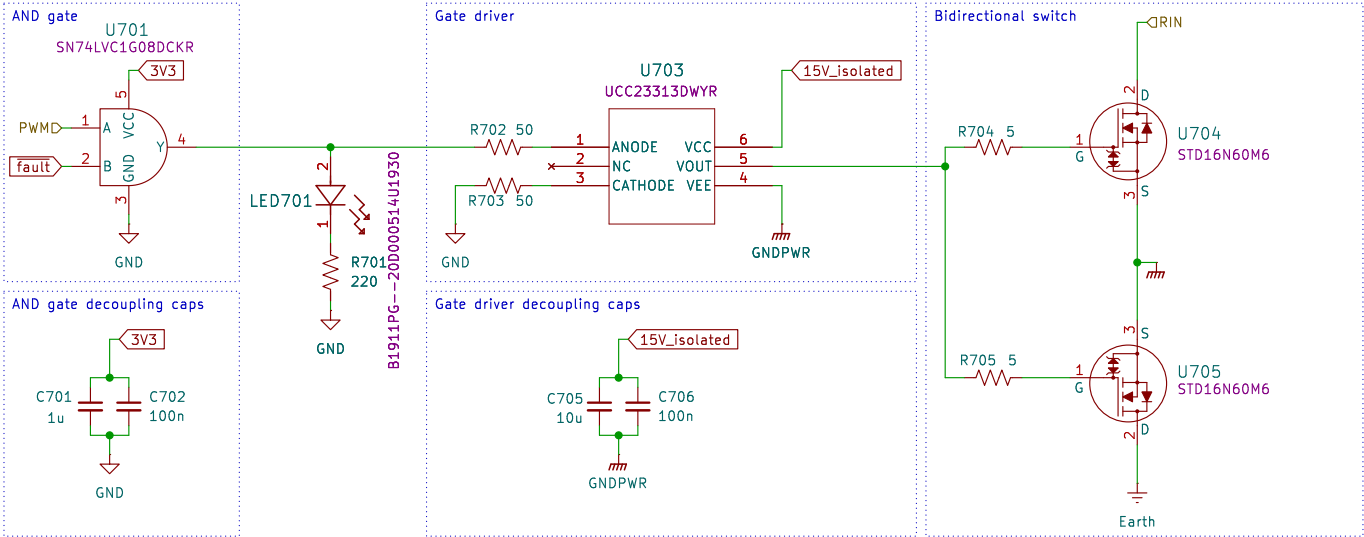
Size: A4 Date: 2024-10-29

KiCad E.D.A. 8.0.6

Rev: 0.2.0

Id: 5/9





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Sheet: /Channel 6/  
File: switching\_channel.kicad\_sch

**Title: Bidirectional Load Switch**

Size: A4  
KiCad E.D.A. 8.0.6

Date: 2024-10-29

Rev: 0.2.0

Id: 7/9

