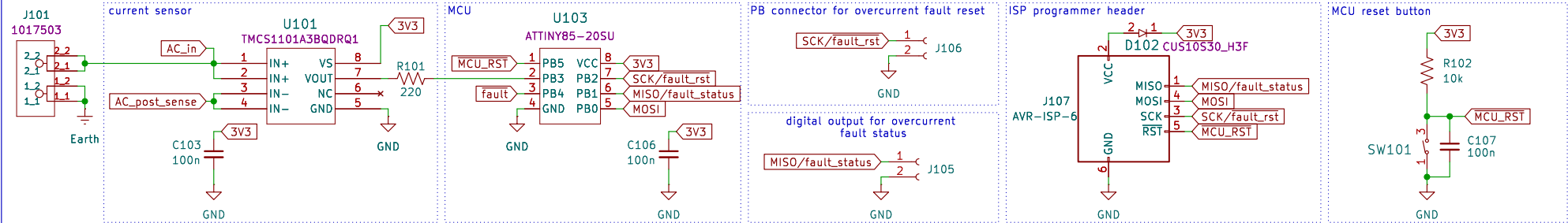
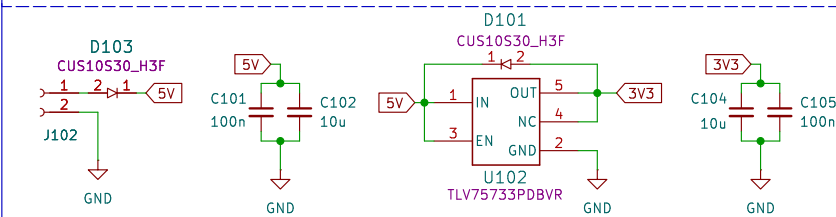


## AC input w/overcurrent protection



## 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

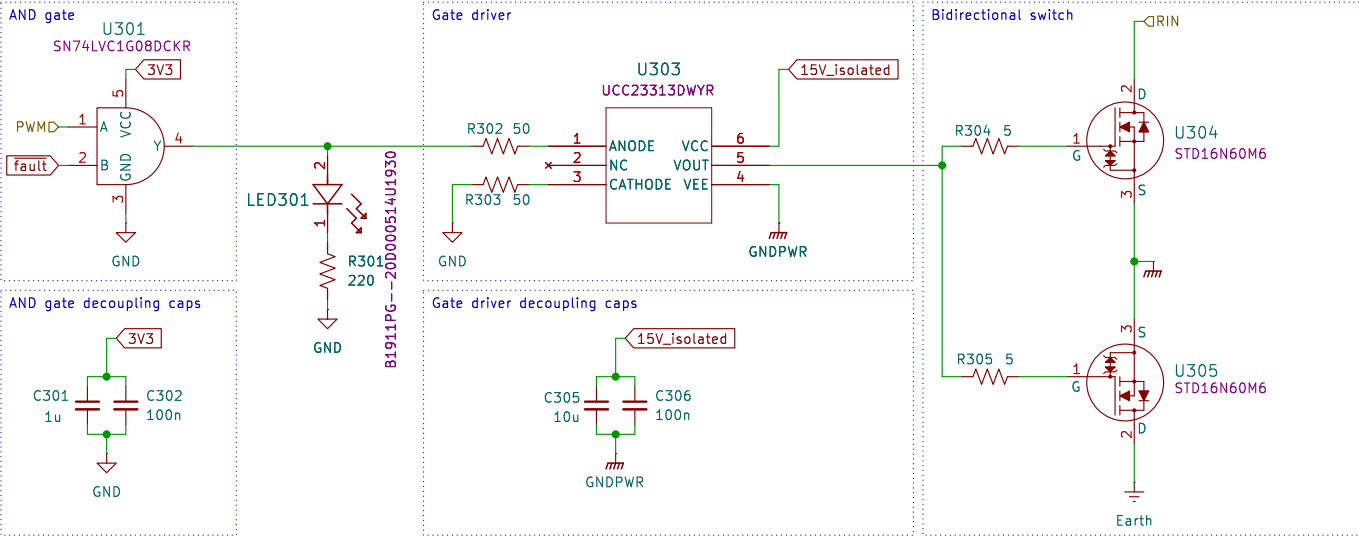
**Title: Bidirectional Load Switch**

Size: A4 Date: 2024-10-29

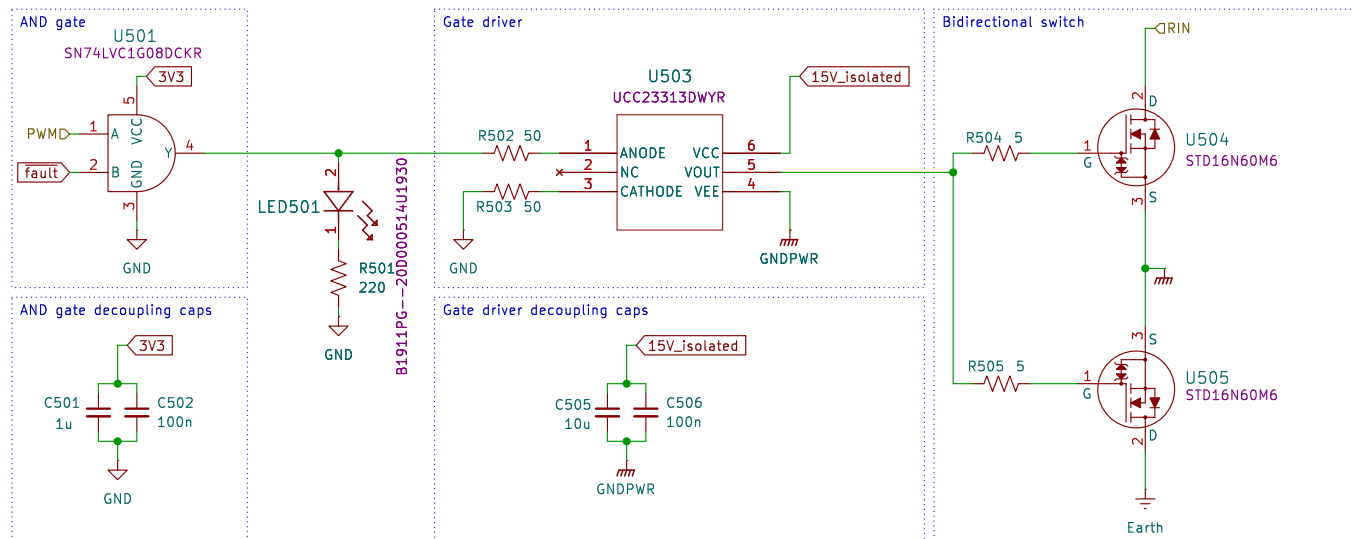
KiCad E.D.A. 8.0.6

Rev: 0.2.0

Id: 2/9







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

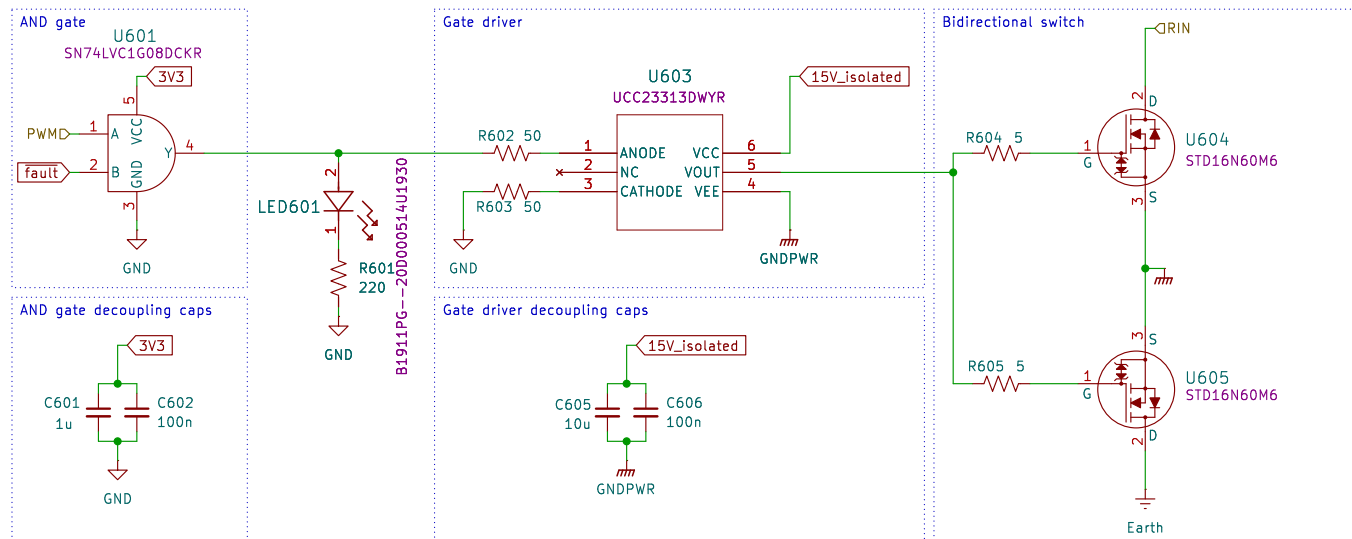
**Title: Bidirectional Load Switch**

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 5/  
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: 6/9

