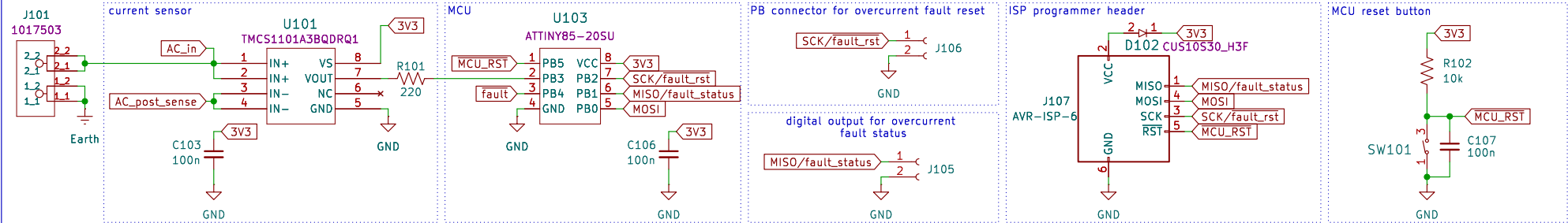
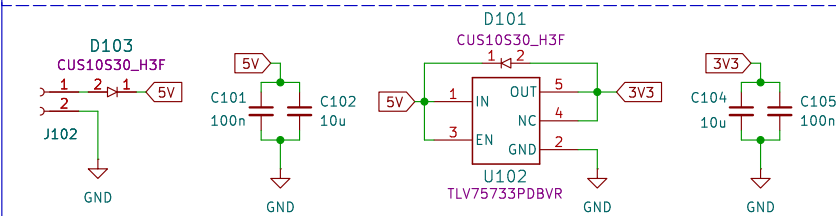


AC input w/overcurrent protection



5 volt input w/3V3 regulator



Power flags for DRC/ERC



Switching channels



15 volt isolated input



Nicholas Loehrke
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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	Rev: 0.2.0
KiCad E.D.A. 8.0.6		Id: 2/9



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Sheet: /Channel 2/
File: switching_channel.kicad_sch

Title: Bidirectional Load Switch

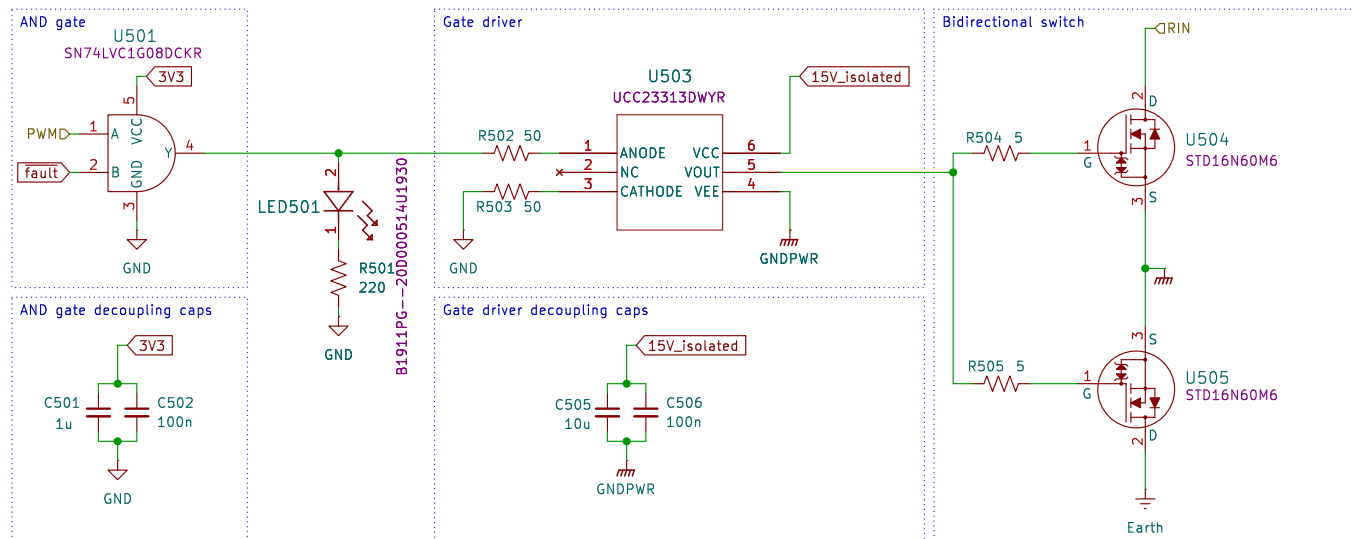
Size: A4 Date: 2024-10-29

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

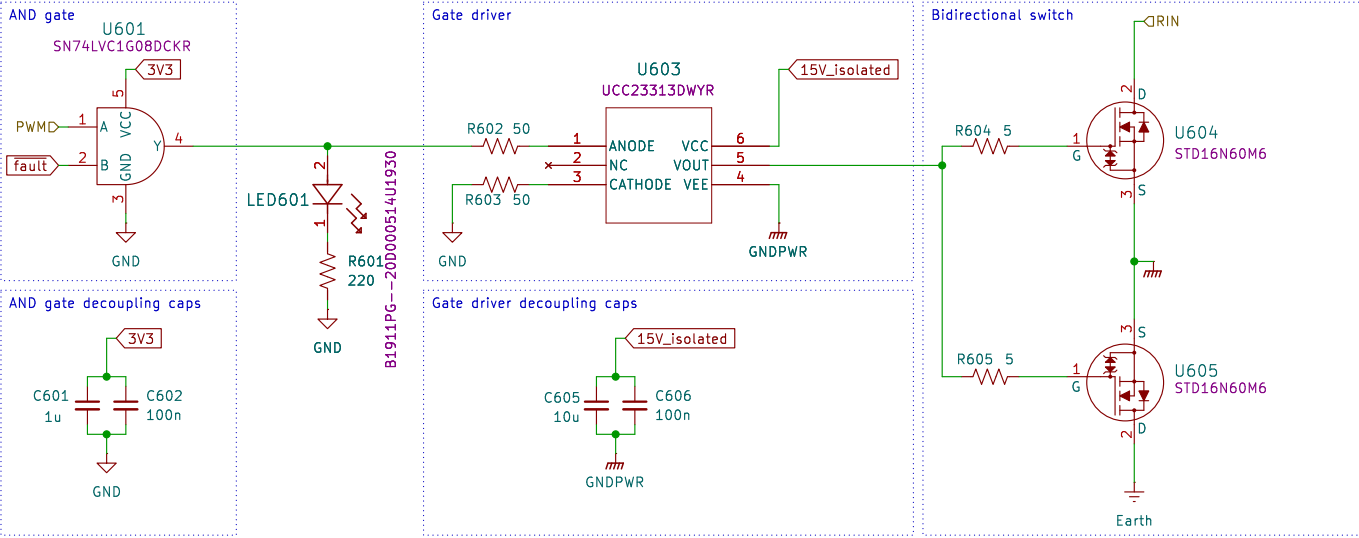
Title: Bidirectional Load Switch

Size: A4 Date: 2024-10-29

KiCad E.D.A. 8.0.6

Rev: 0.2.0

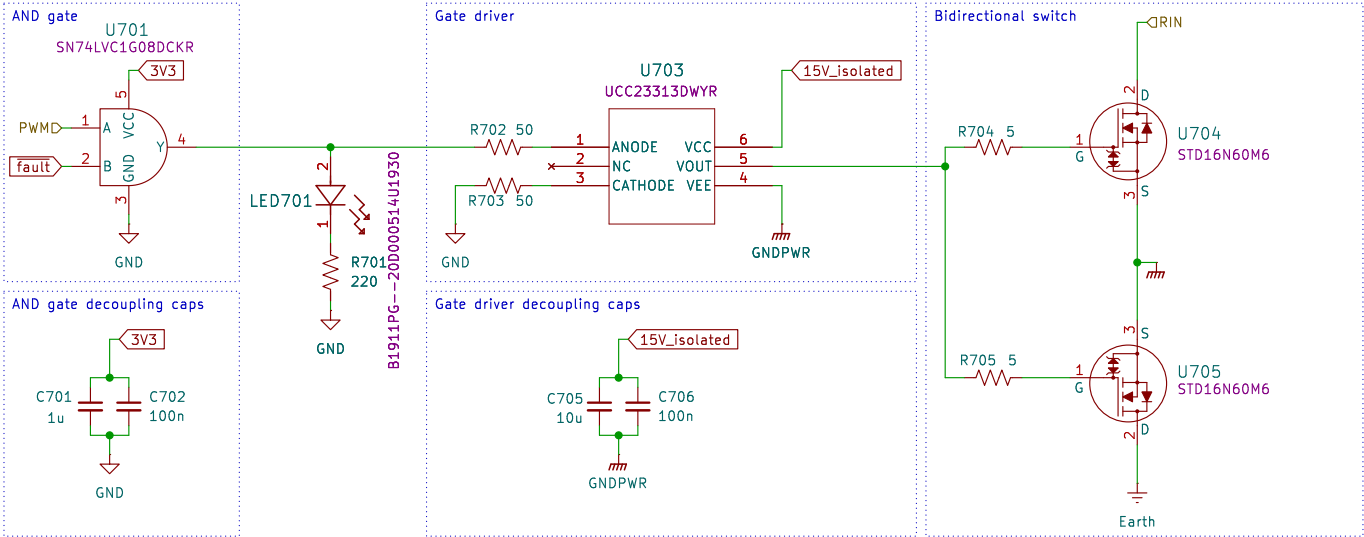
Id: 5/9



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Sheet: /Channel 5/
File: switching_channel.kicad_sch

Title: Bidirectional Load Switch

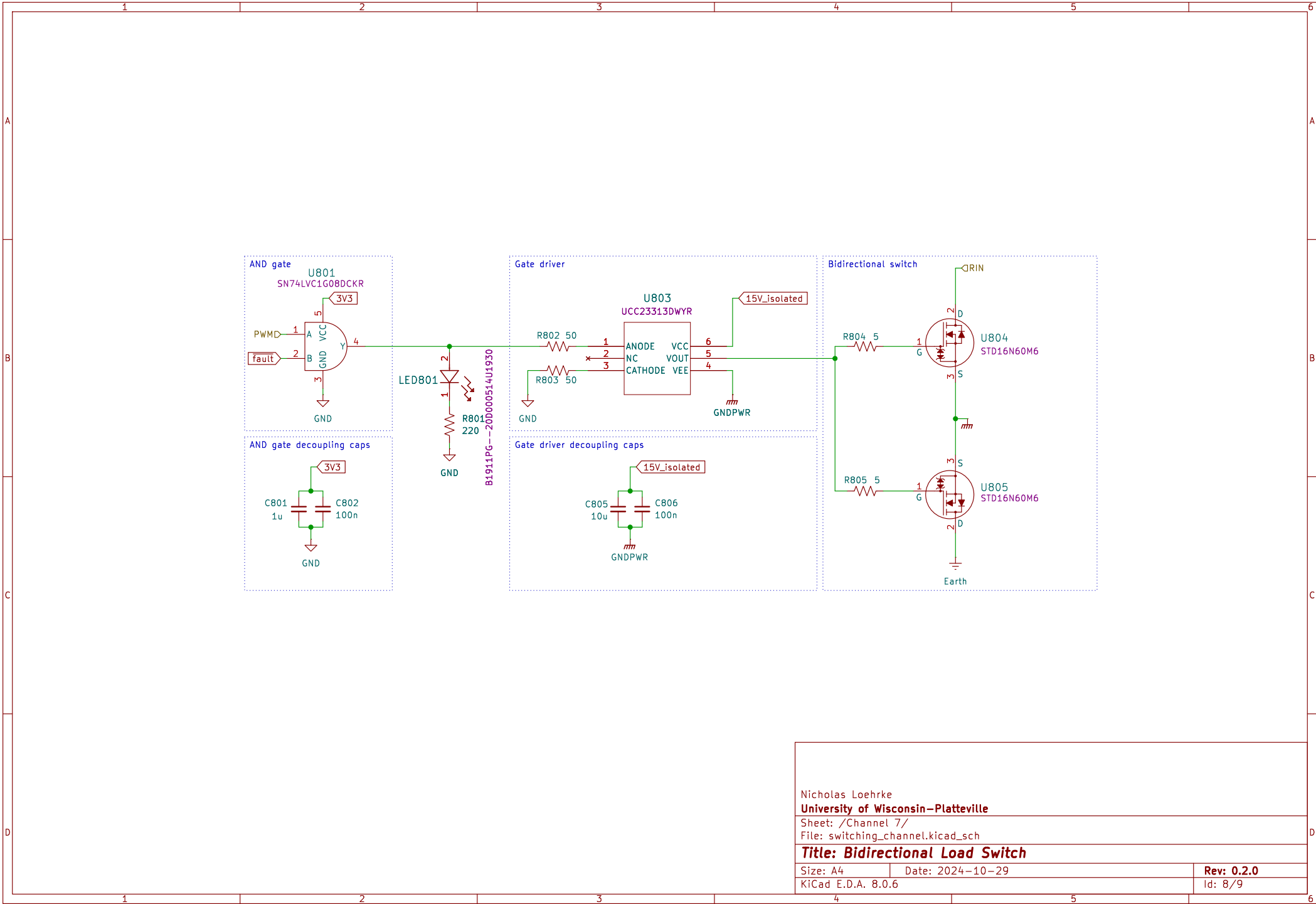
Size: A4	Date: 2024-10-29	Rev: 0.2.0
KiCad E.D.A. 8.0.6		Id: 6/9

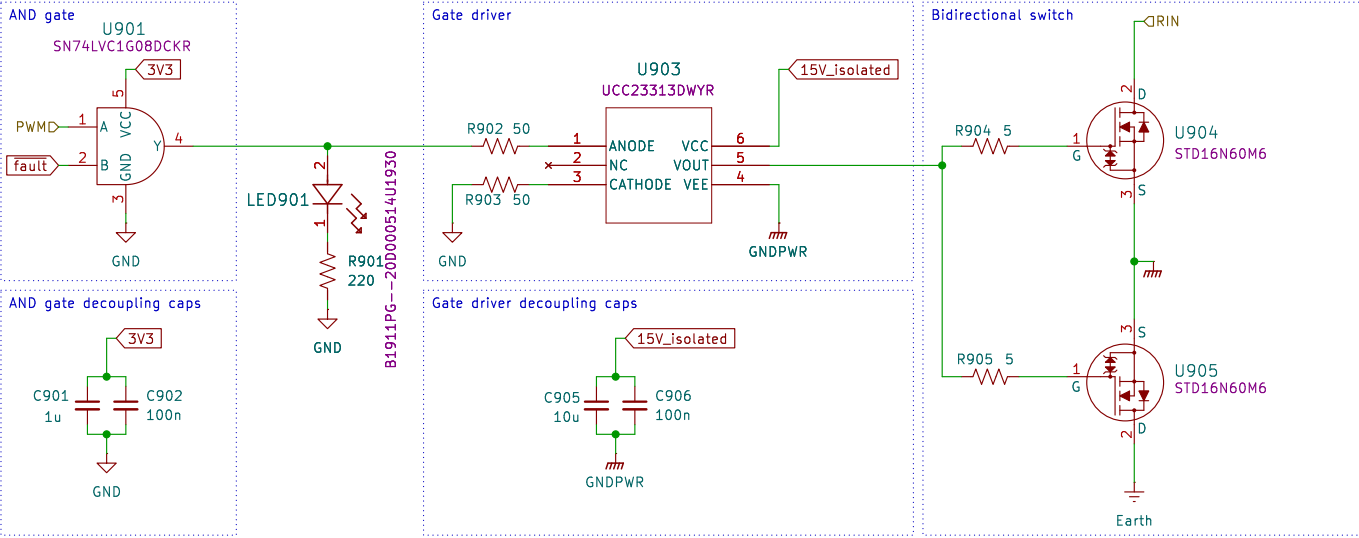


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Sheet: /Channel 6/
File: switching_channel.kicad_sch

Title: Bidirectional Load Switch

Size: A4	Date: 2024-10-29	Rev: 0.2.0
KiCad E.D.A. 8.0.6		Id: 7/9





Nicholas Loehrke
University of Wisconsin-Platteville
Sheet: /Channel 8/
File: switching_channel.kicad_sch

Title: Bidirectional Load Switch

Size: A4	Date: 2024-10-29	Rev: 0.2.0
KiCad E.D.A. 8.0.6		Id: 9/9