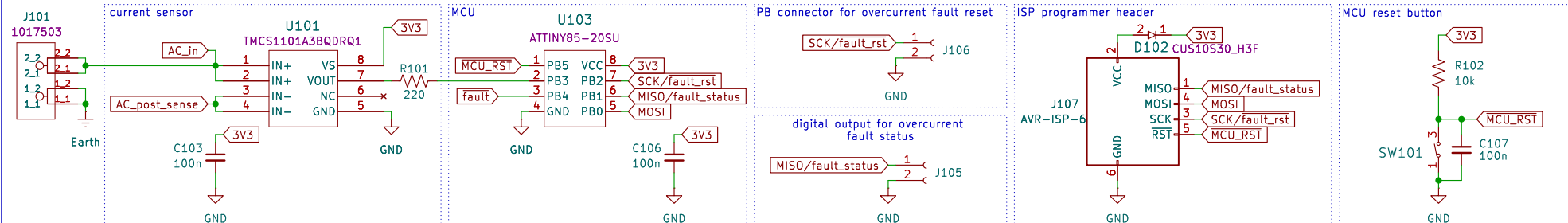
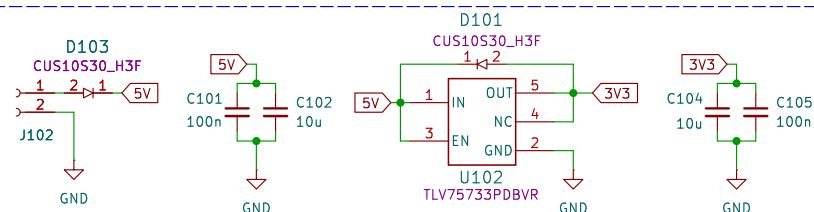


AC input w/overcurrent protection



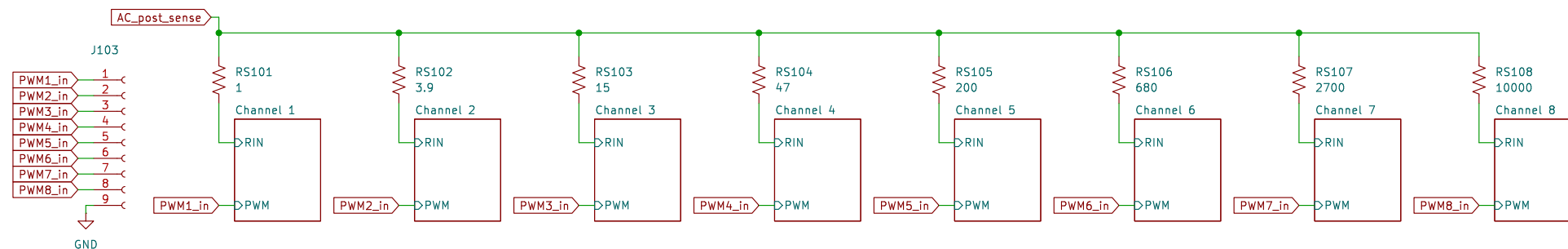
5 volt input w/3V3 regulator



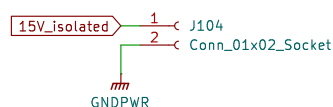
Power flags for DRC/ERC



Switching channels



15 volt isolated input



Nicholas Loehrke
University of Wisconsin–Platteville

Sheet: /
File: bidirectional_load_switch.kicad_sch

Title: Bidirectional Load Switch

Size: A4	Date: 2024-10-29
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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

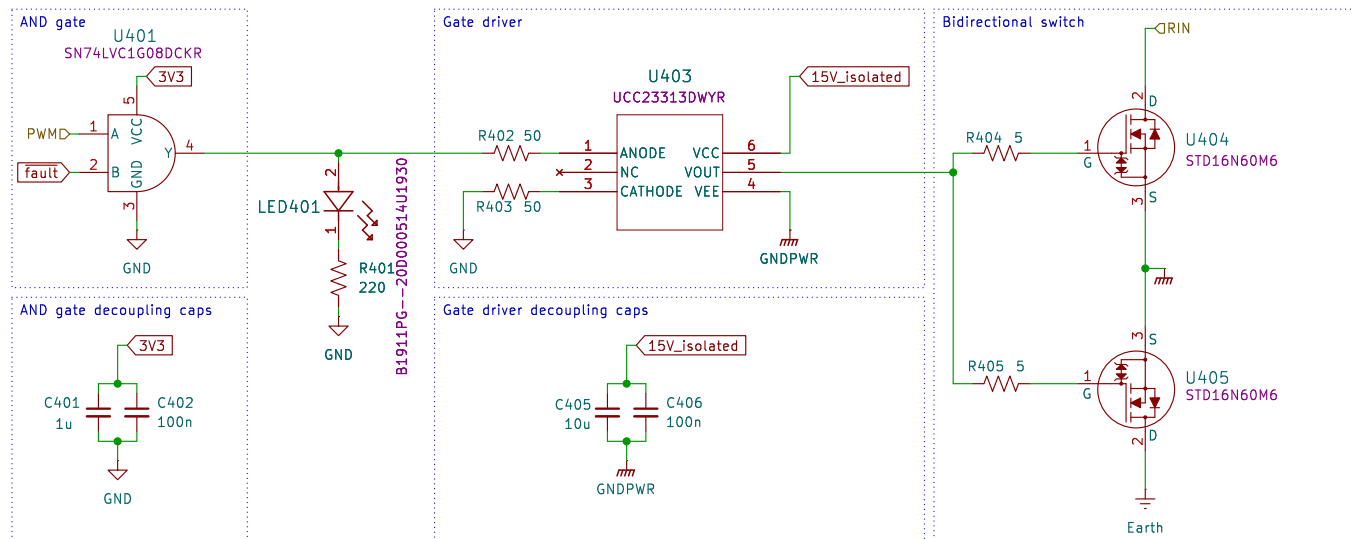
Title: Bidirectional Load Switch

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 3/
File: switching_channel.kicad_sch

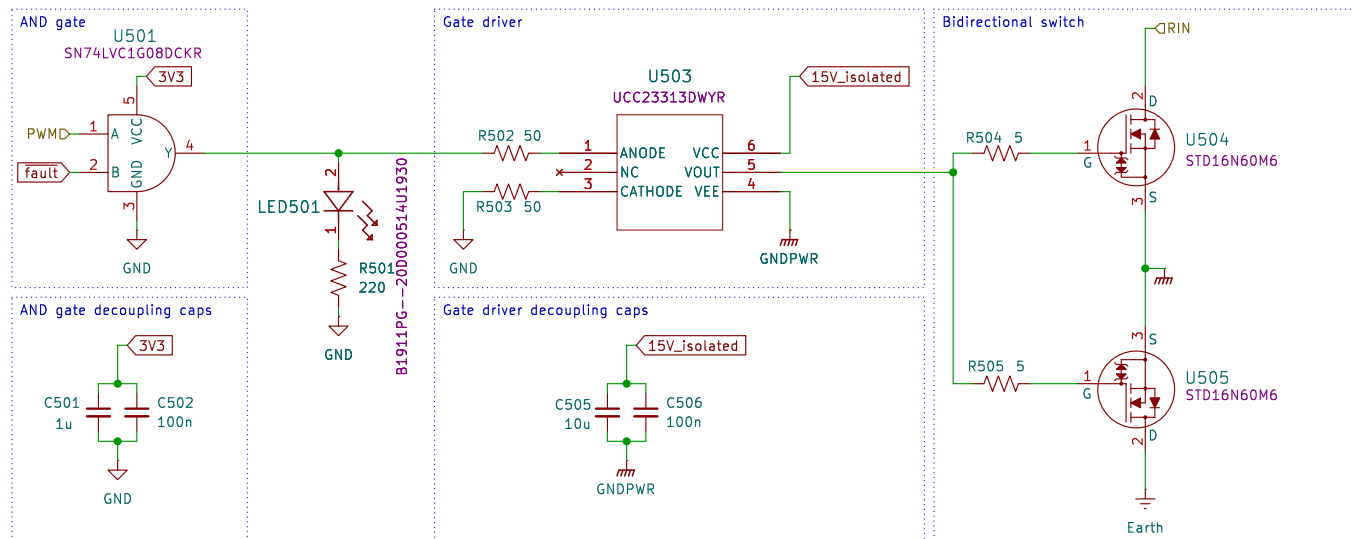
Title: Bidirectional Load Switch

Size: A4 Date: 2024-10-29

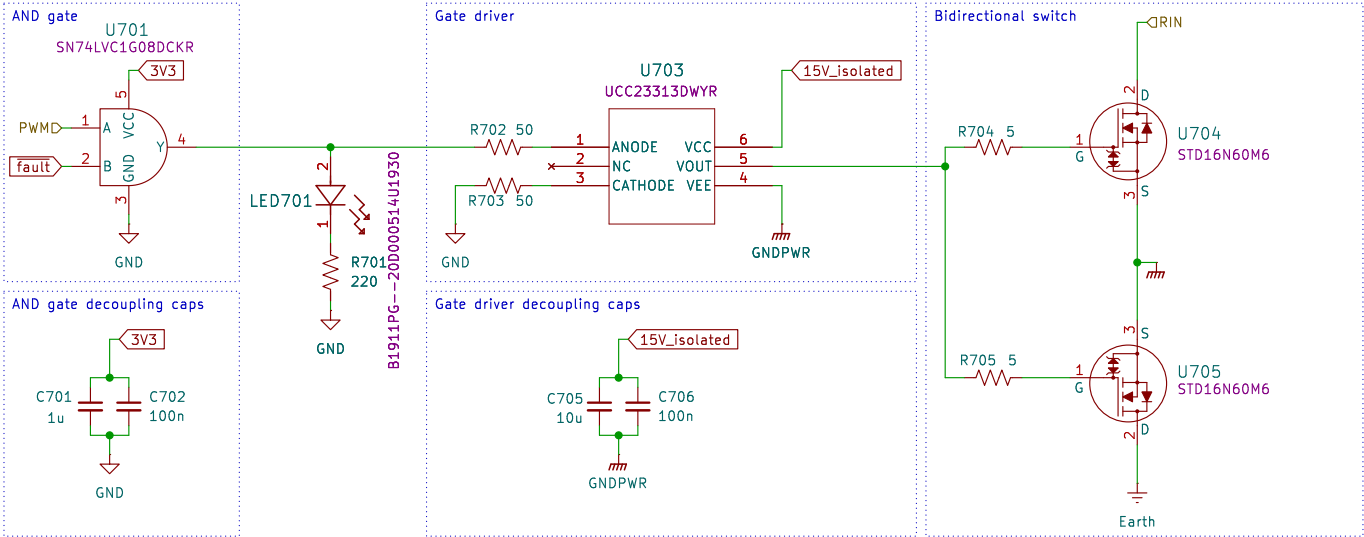
KiCad E.D.A. 8.0.6

Rev: 0.2.0

Id: 4/9



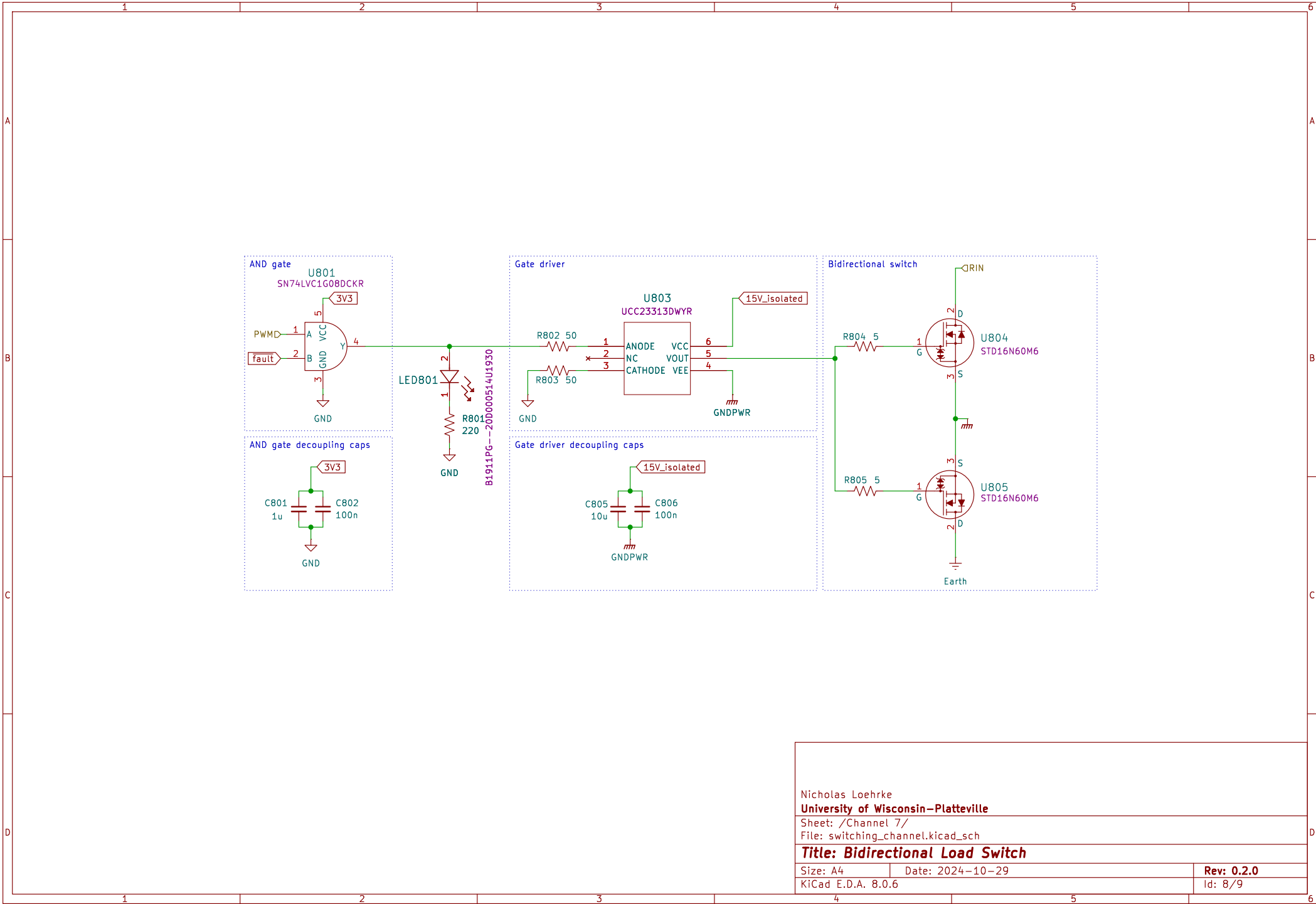




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Sheet: /Channel 6/
File: switching_channel.kicad_sch

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 7/
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: 8/9

