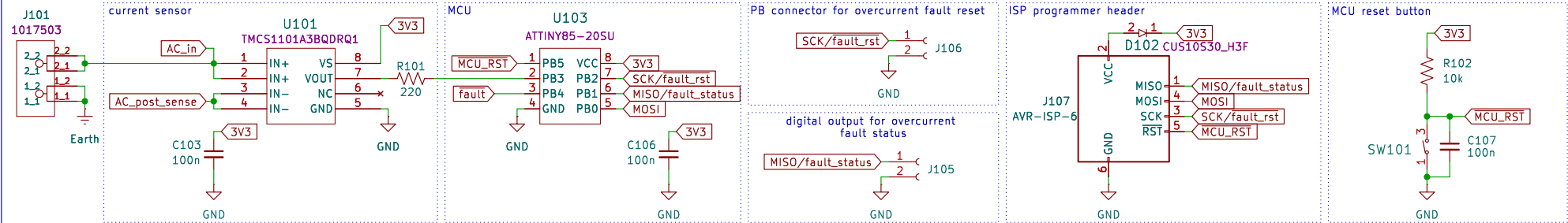
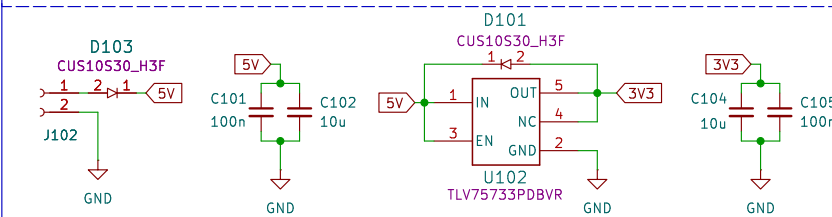


AC input w/overcurrent protection



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
 KiCad E.D.A. 8.0.6 Rev: 0.2.0
 Id: 1/9



Nicholas Loehrke
University of Wisconsin-Platteville

Sheet: /Channel 1/
File: switching_channel.kicad_sch

Title: Bidirectional Load Switch

Size: A4 Date: 2024-10-29

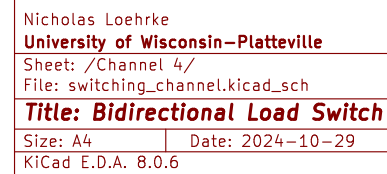
KiCad E.D.A. 8.0.6

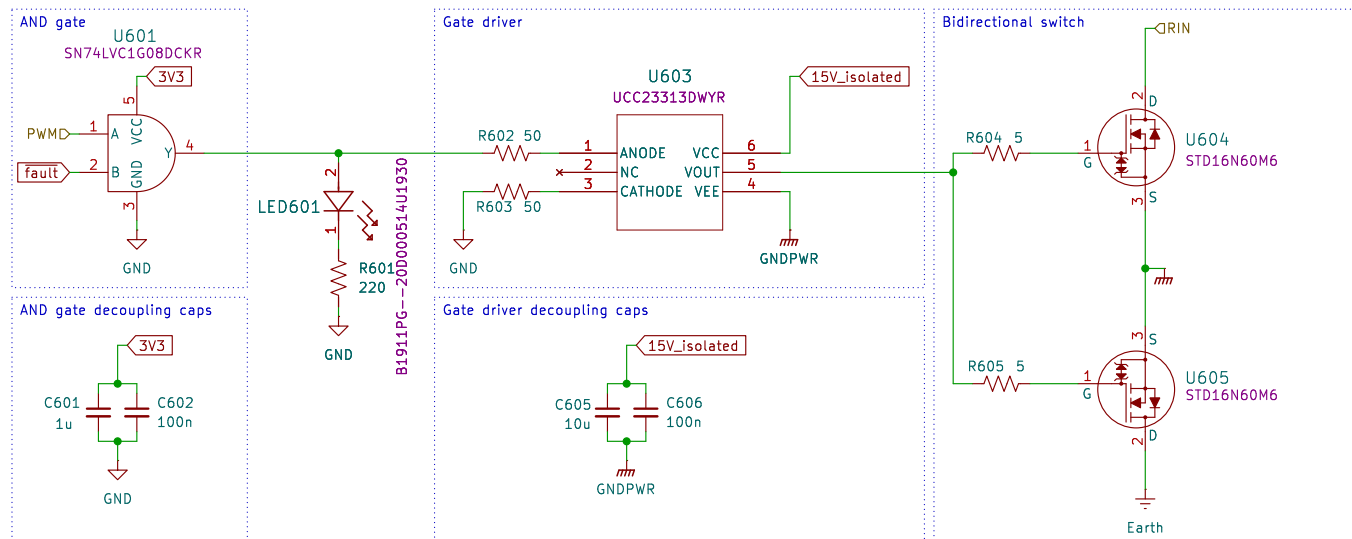
Rev: 0.2.0

Id: 2/9









Nicholas Loehrke
University of Wisconsin-Platteville

Sheet: /Channel 5/
File: switching_channel.kicad_sch

Title: Bidirectional Load Switch

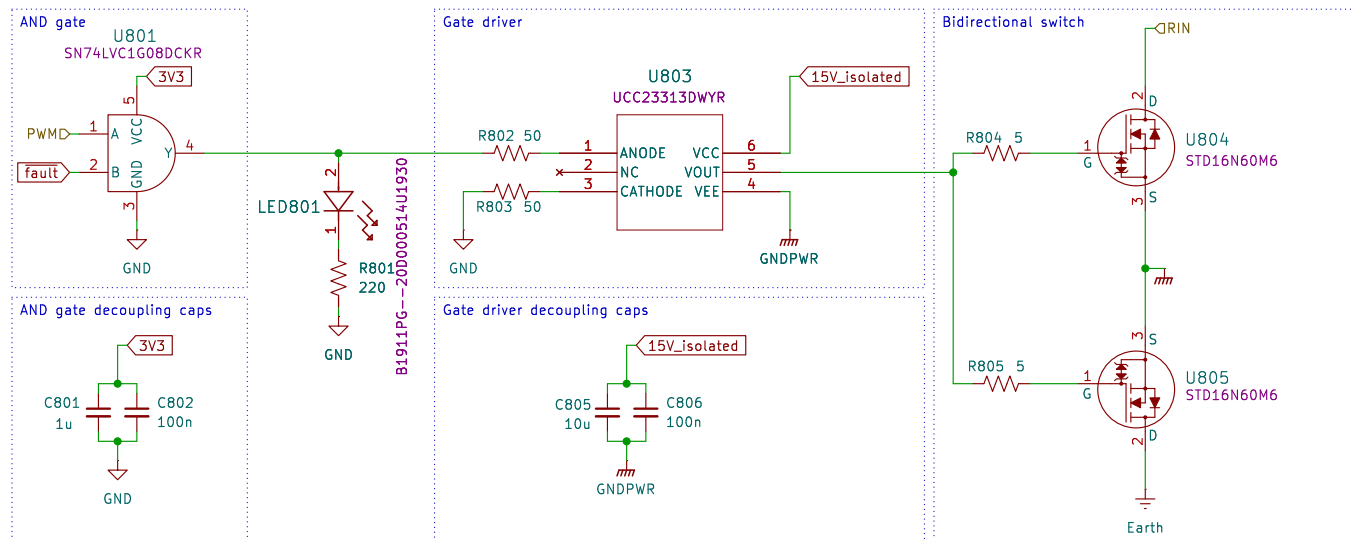
Size: A4 Date: 2024-10-29

KiCad E.D.A. 8.0.6

Rev: 0.2.0

Id: 6/9





Nicholas Loehrke
University of Wisconsin-Platteville

Sheet: /Channel 7/
File: switching_channel.kicad_sch

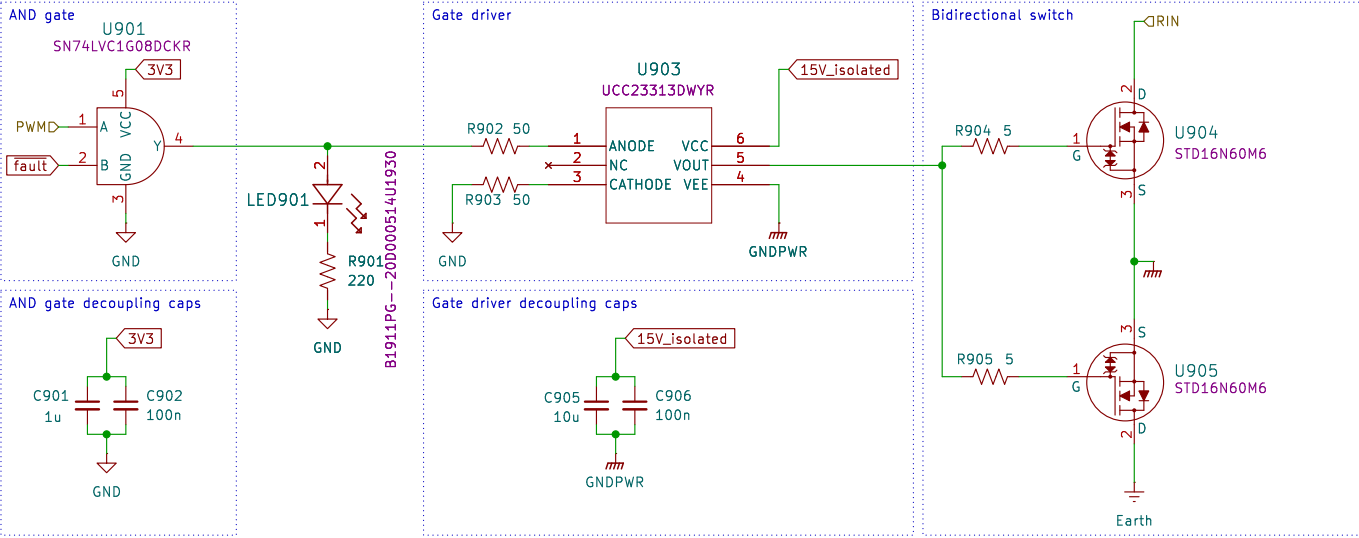
Title: Bidirectional Load Switch

Size: A4 Date: 2024-10-29

KiCad E.D.A. 8.0.6

Rev: 0.2.0

Id: 8/9



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