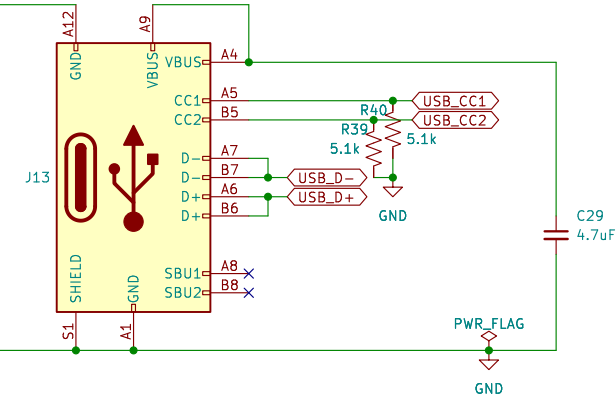


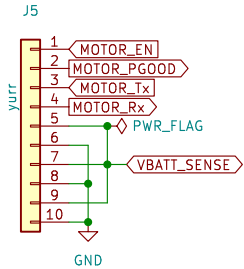
Carson Lauer		
Stanford Student Space Initiative		
Sheet: /		
File: motor_board.kicad_sch		
Title: Reaction Wheel Motor Board		
Size: A4	Date: 2025-04-07	Rev: 1.1
KiCad E.D.A. 9.0.1		Id: 1/10



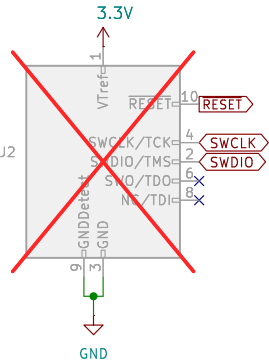
Power Connectors: USB-C Power Delivery to 2S Li-ion Battery



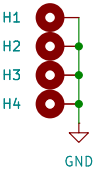
ADCS



SWD



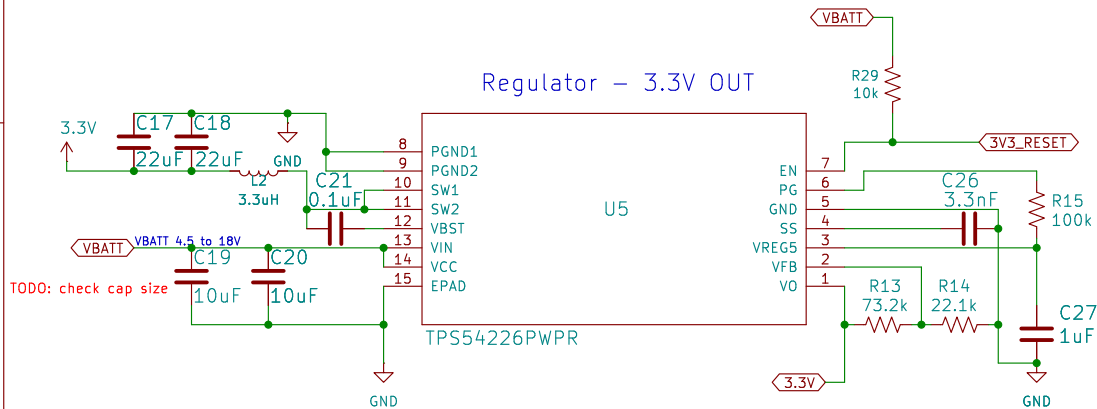
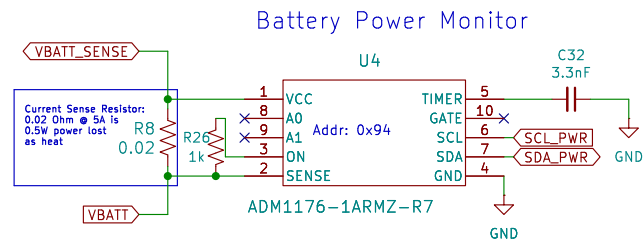
Mounting Holes



NOTE: Components labeled "do not install" (DNI) are not populated by default

Connectors

Carson Lauer		
Stanford Student Space Initiative		
Sheet: /Connectors/		
File: Connectors.kicad_sch		
Title: Reaction Wheel Motor Board		
Size: A4	Date: 2025-04-07	Rev: 1.1
KiCad E.D.A. 9.0.1	Id: 4/10	

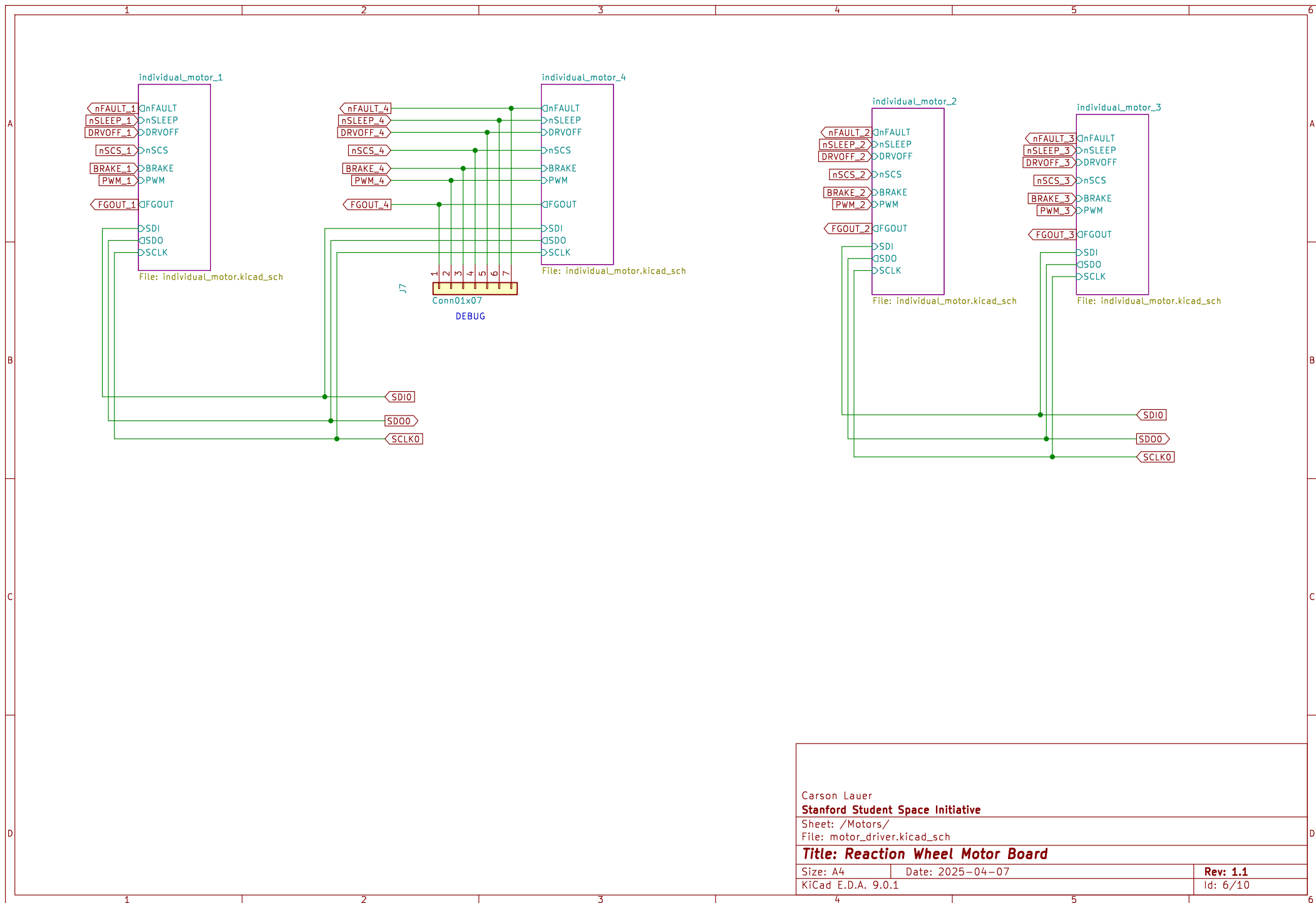


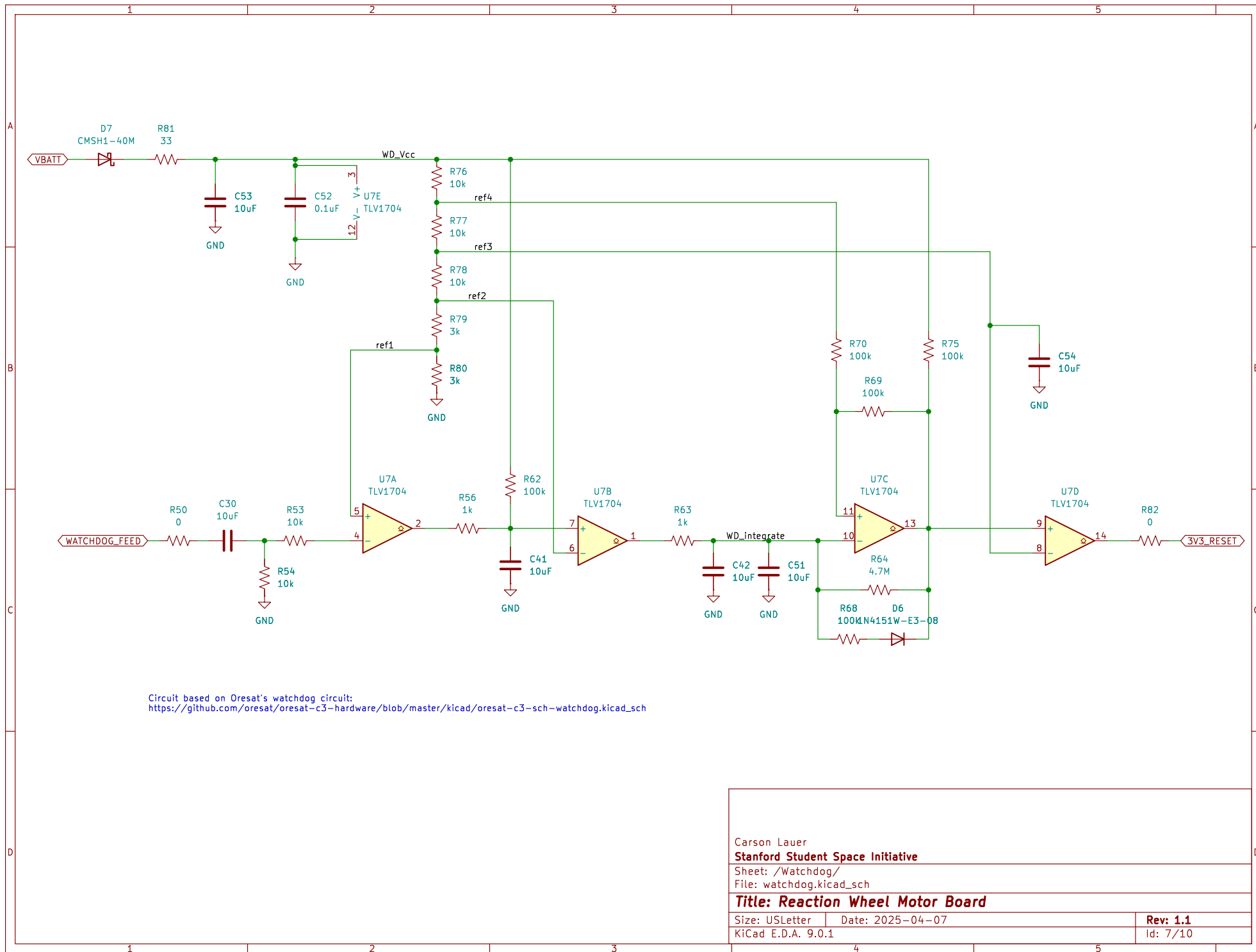
NOTE: Components labeled "do not install" (DNI) are not populated by default

Power

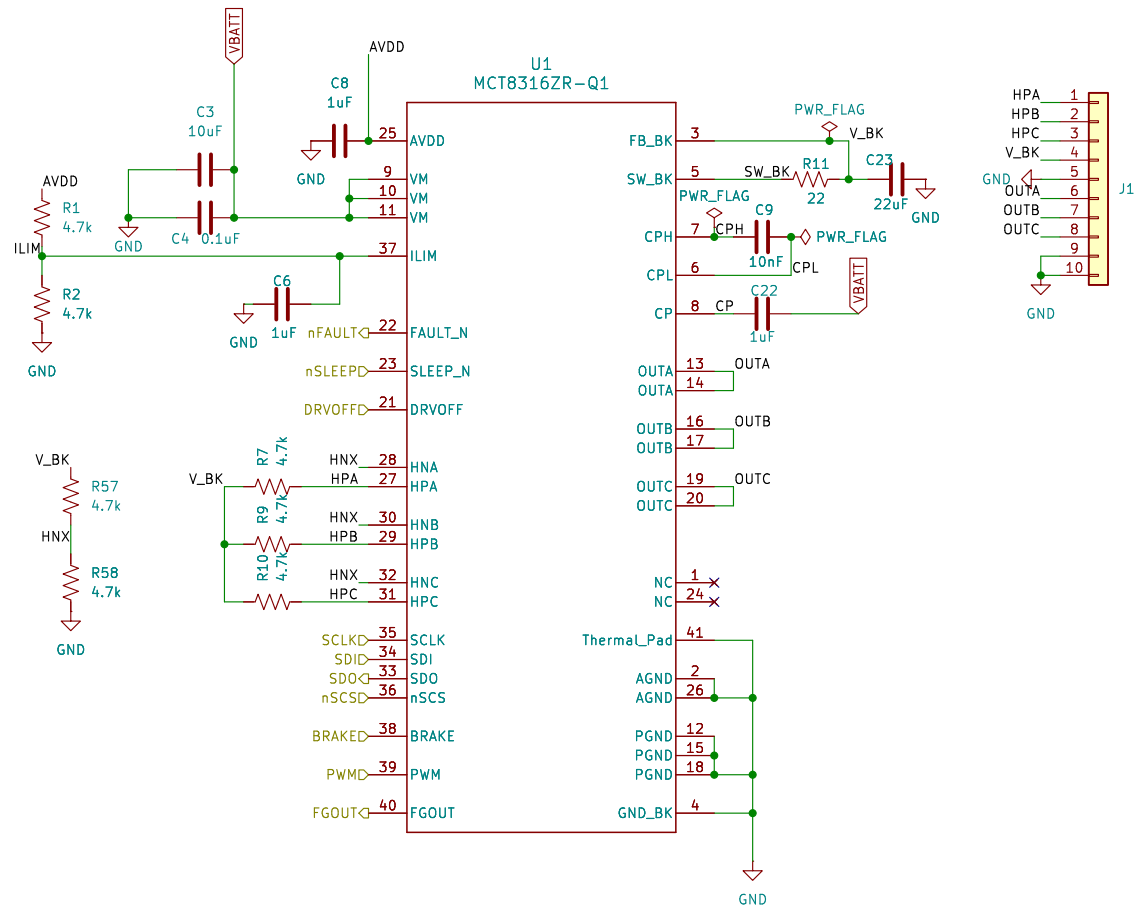
Carson Lauer
Stanford Student Space Initiative
Sheet: /Power/
File: Power.kicad_sch
Title: Reaction Wheel Motor Board

Size: A4	Date: 2025-04-07	Rev: 1.1
KiCad E.D.A. 9.0.1		Id: 5/10





Id: 3/10



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Sheet: /Motors/individual_motor_1/

File: individual_motor.kicad_sch

Title: Reaction Wheel Motor Board

Size: A4

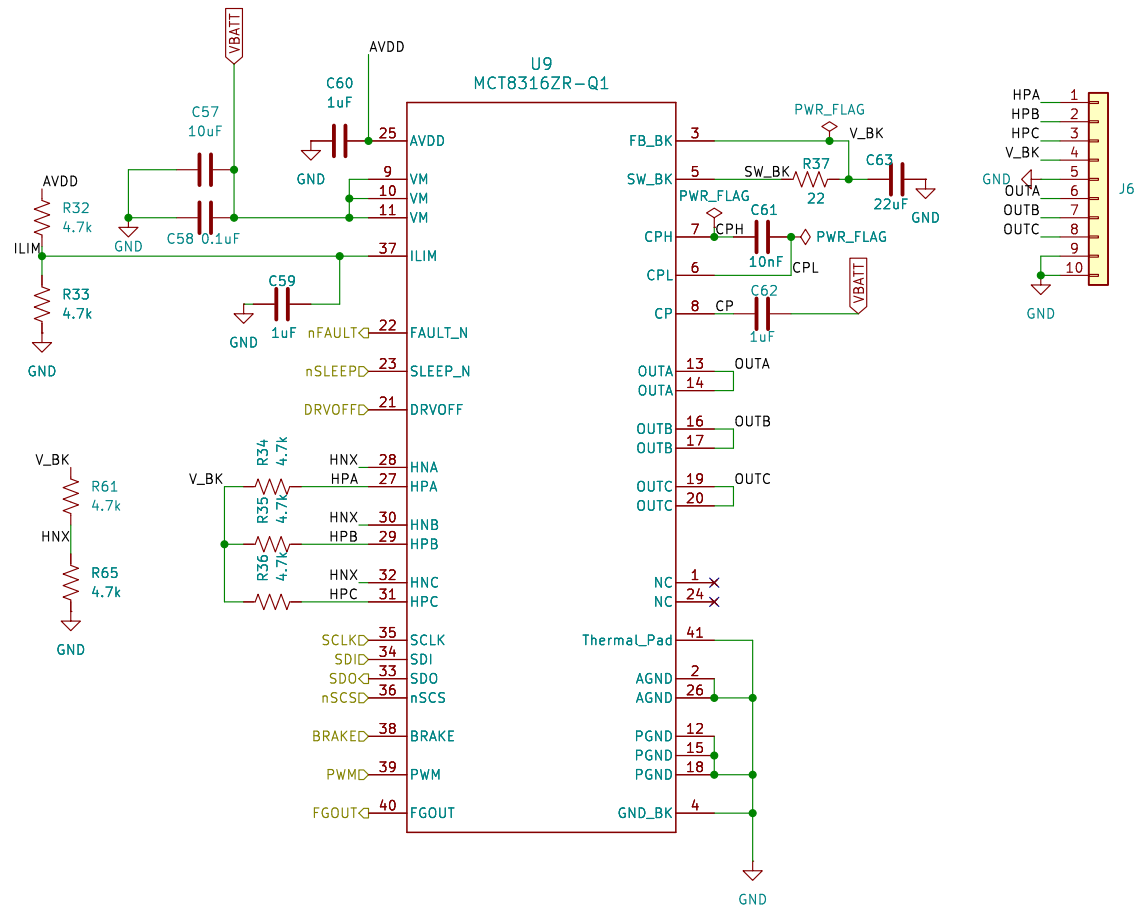
Date: 2025-04-07

Rev: 1.1

KiCad E.D.A. 9.0.1

Id: 7/10

Id: 8/10



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Sheet: /Motors/individual_motor_4/

File: individual_motor.kicad_sch

Title: Reaction Wheel Motor Board

Size: A4

Date: 2025-04-07

Rev: 1.1

KiCad E.D.A. 9.0.1

Id: 9/10