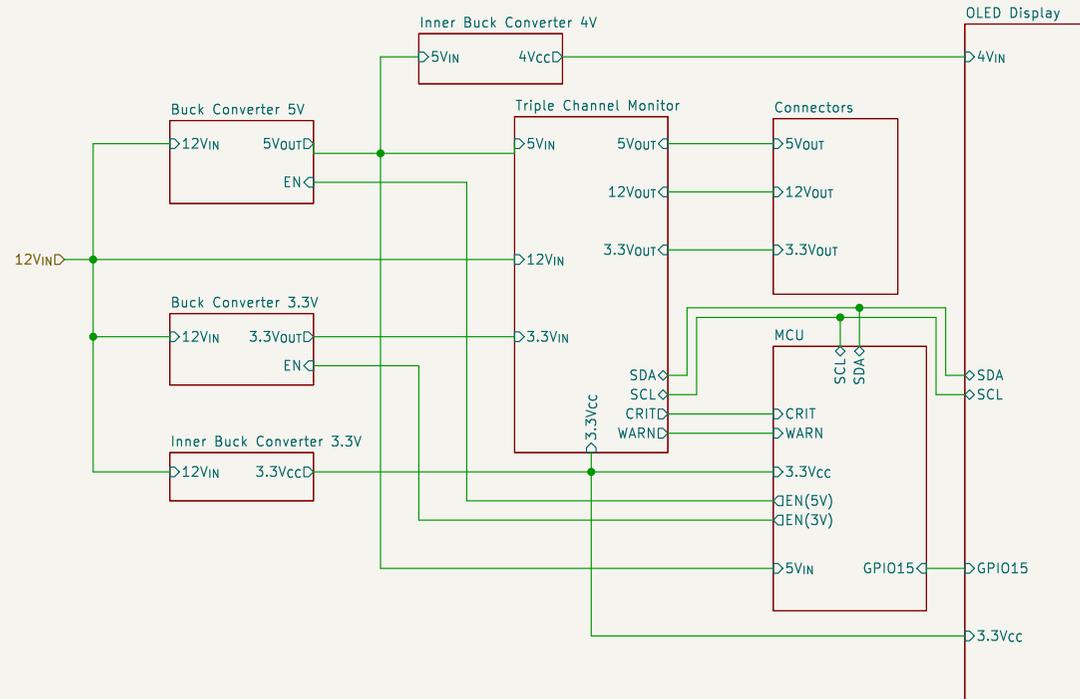
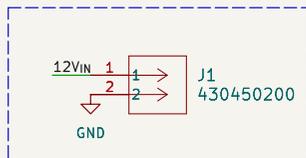


PMICs



Connectors



Power management board for 12V/5V/3.3V systems featuring triple channel voltage/current sensing, an OLED display, and an embedded controller

MUREX ROBOTICS [Crane Lee]

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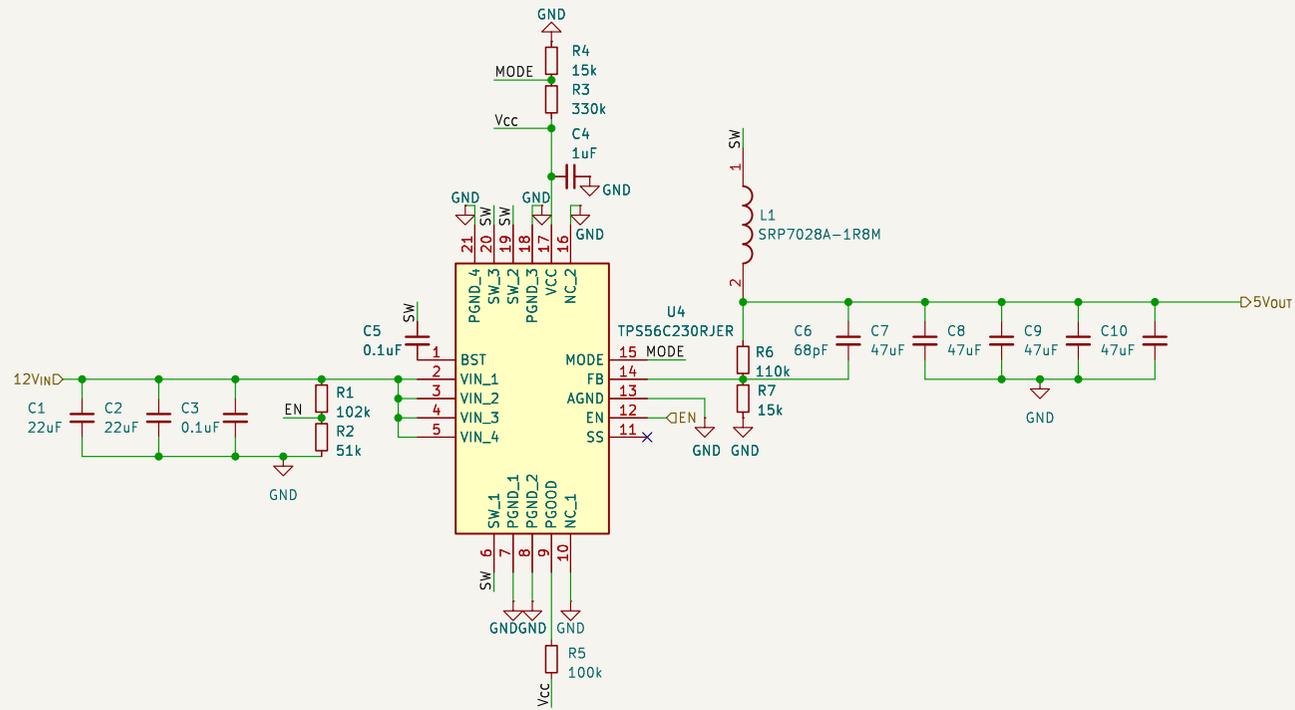
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Size: A4 Date: 2025-06-17

KiCad E.D.A. 9.0.0

Rev: V1.0

Id: 1/9



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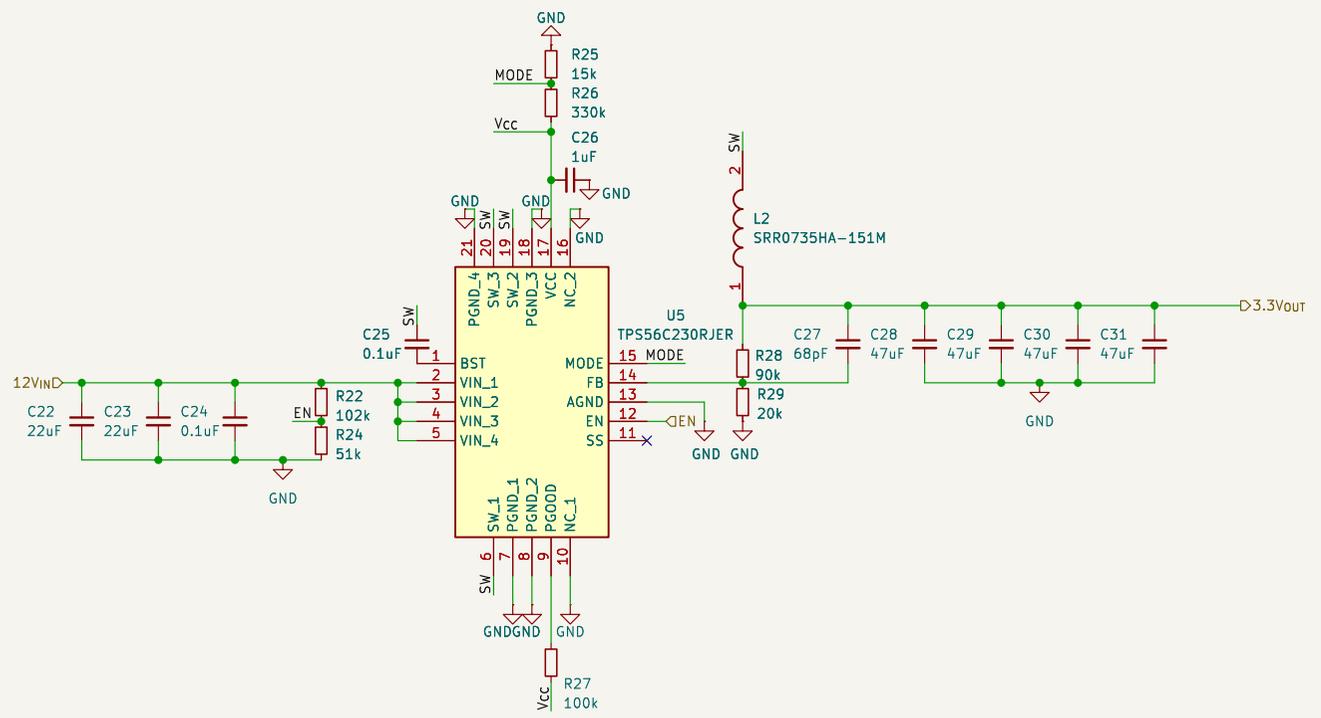
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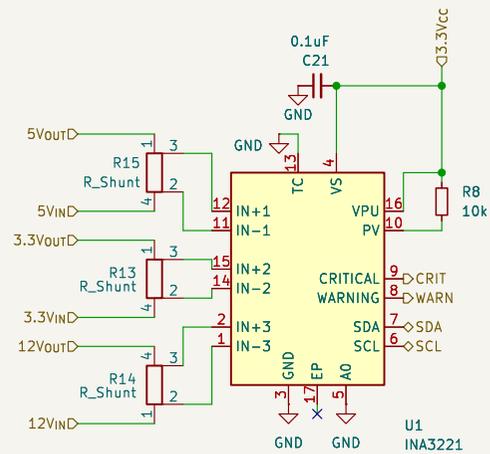
Rev:

Id: 2/9



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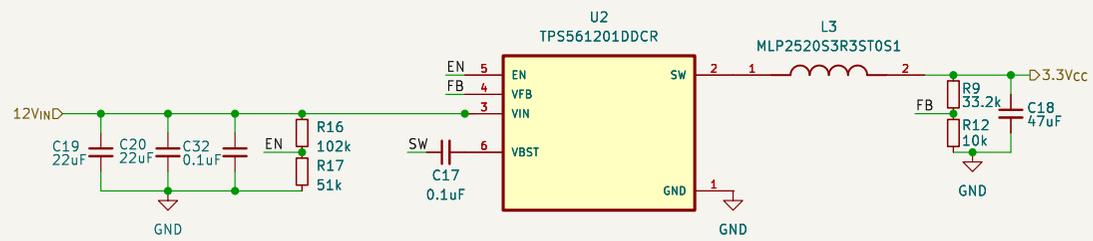
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Date:

Rev:
 Id: 5/9



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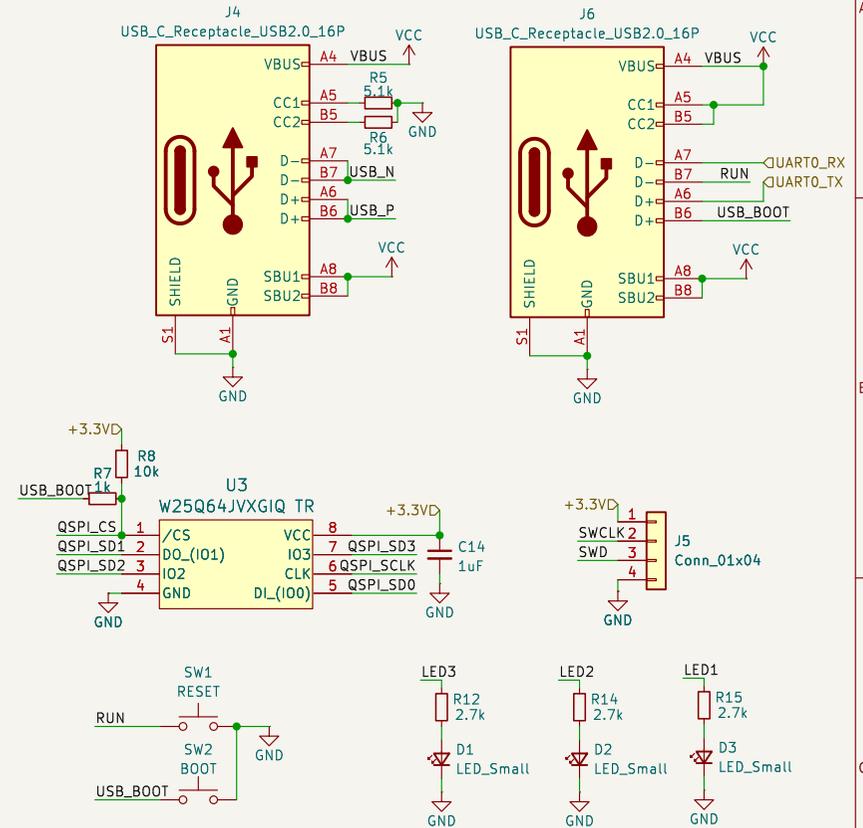
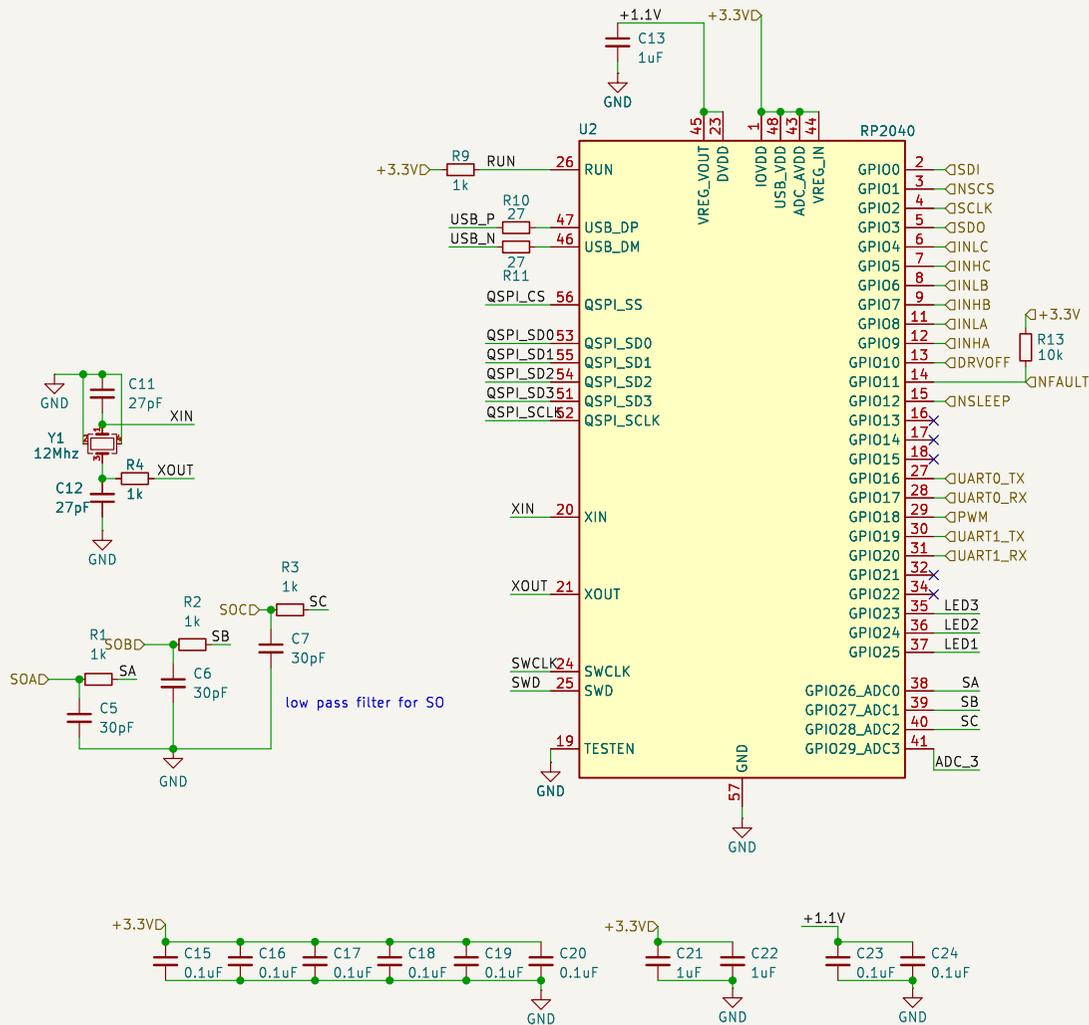
Size: A4

Date:

Rev:

KiCad E.D.A. 9.0.0

Id: 6/9



World's smallest, highest power density sensorless FOC ESC utilizing the DRV8316C and custom microcontroller design + firmware

// THINK DIFFERENT

// TECH FOR ALL

MUREX ROBOTICS [Max Liu]

Sheet: /MCU/

File: RP2040.kicad_sch

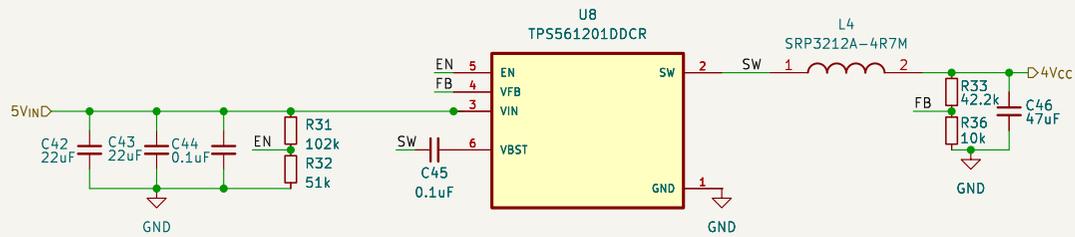
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Size: A4 Date: 2024-10-30

KiCad E.D.A. 9.0.0

Rev: V1.0

Id: 6/9



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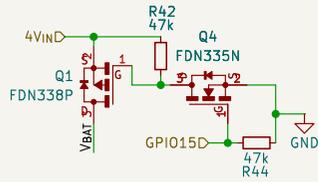
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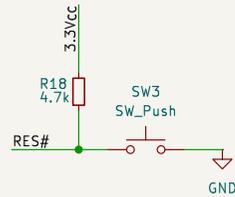
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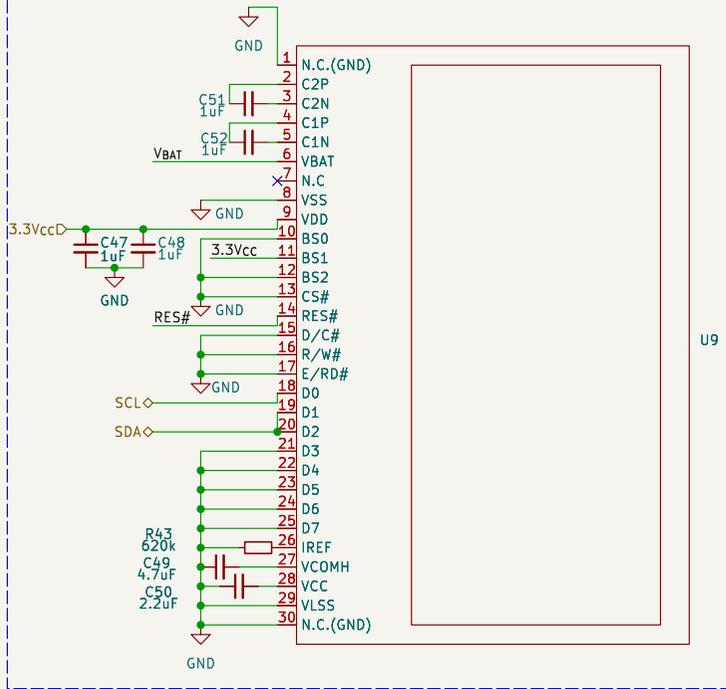
Electronic Switch Circuit



RES#



Main_Display



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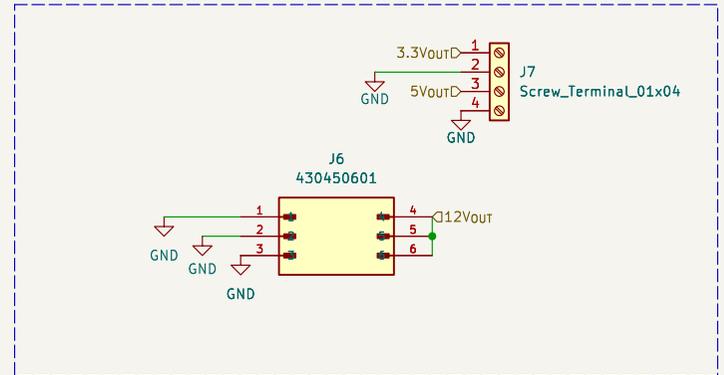
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Date:

Rev:
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Connectors



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Date:

Rev:
Id: 9/9