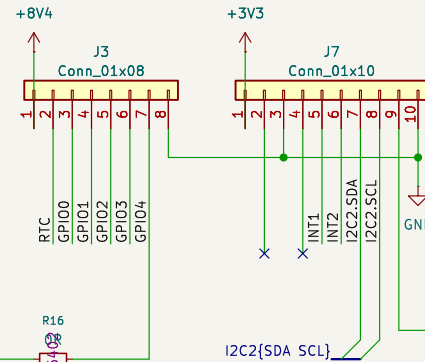
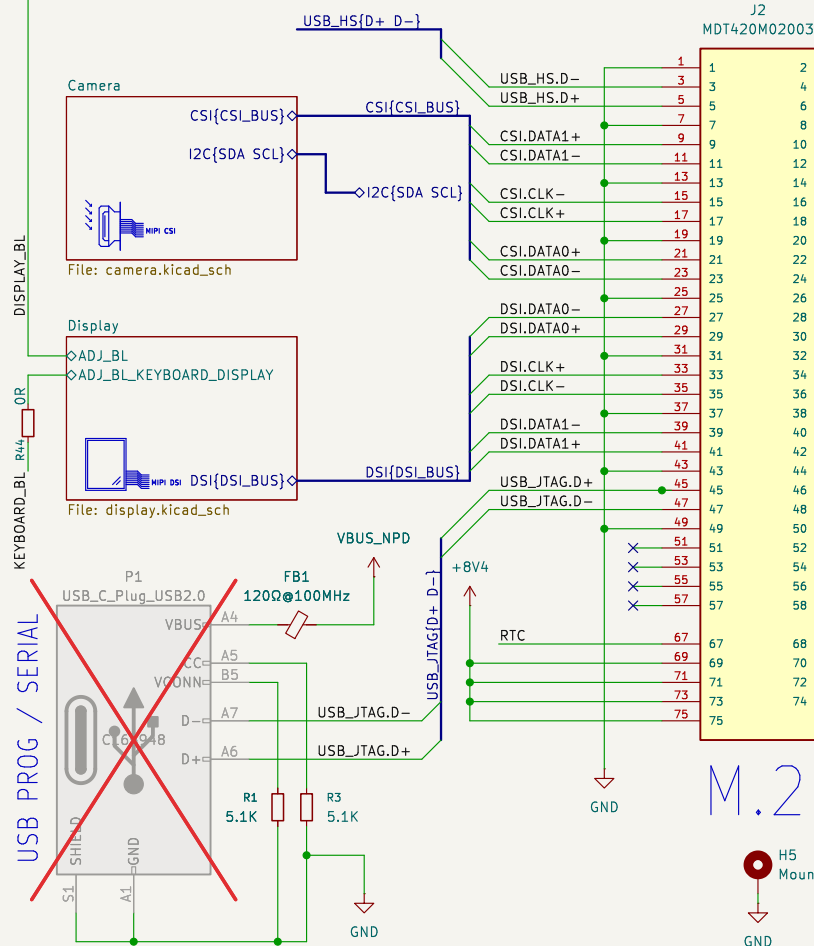
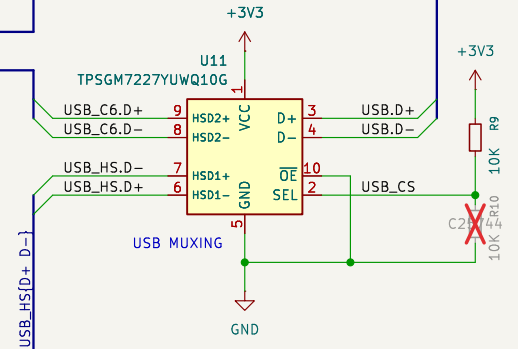
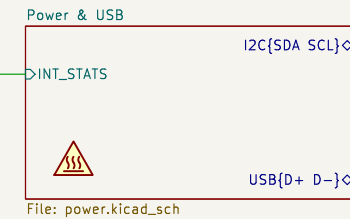
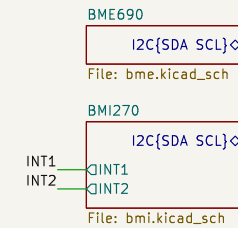
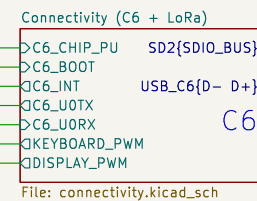
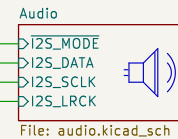
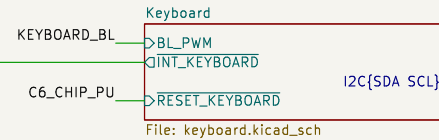


Addon connector

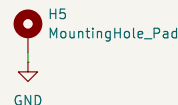
- H1 CaseScrew
- H2 CaseScrew
- H3 CaseScrew
- H4 CaseScrew



Peripherals



M.2 Header



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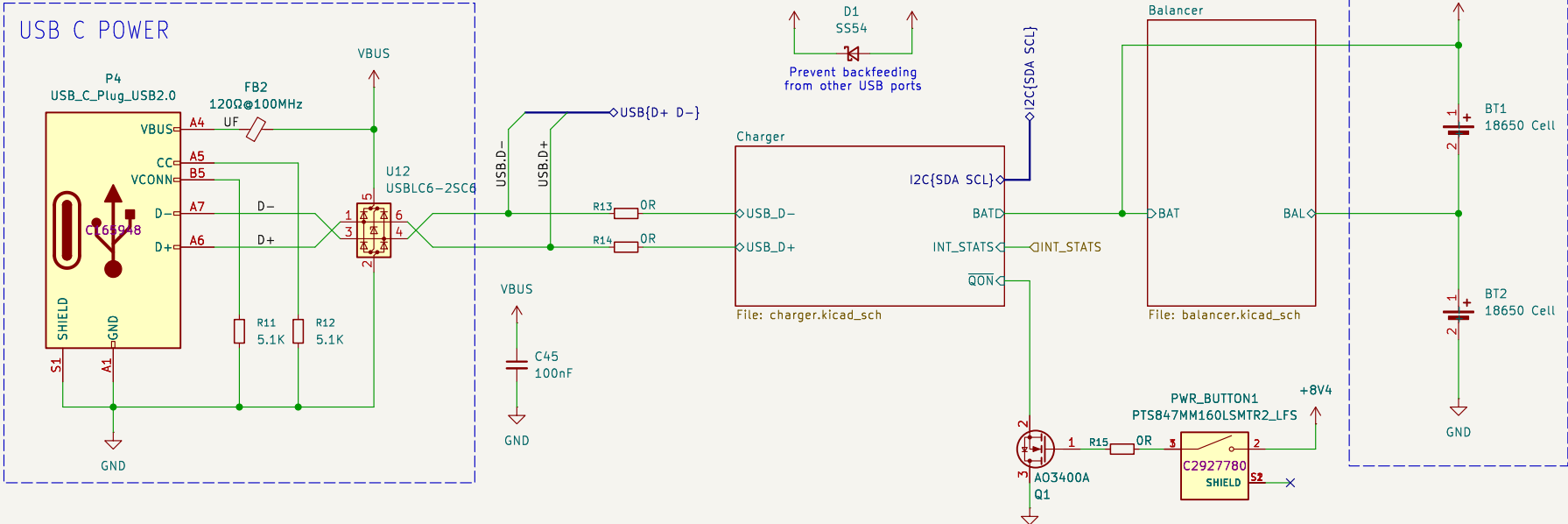
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Id: 1/12

2 Cell Charger & Balancer



Sheet: /Power & USB/
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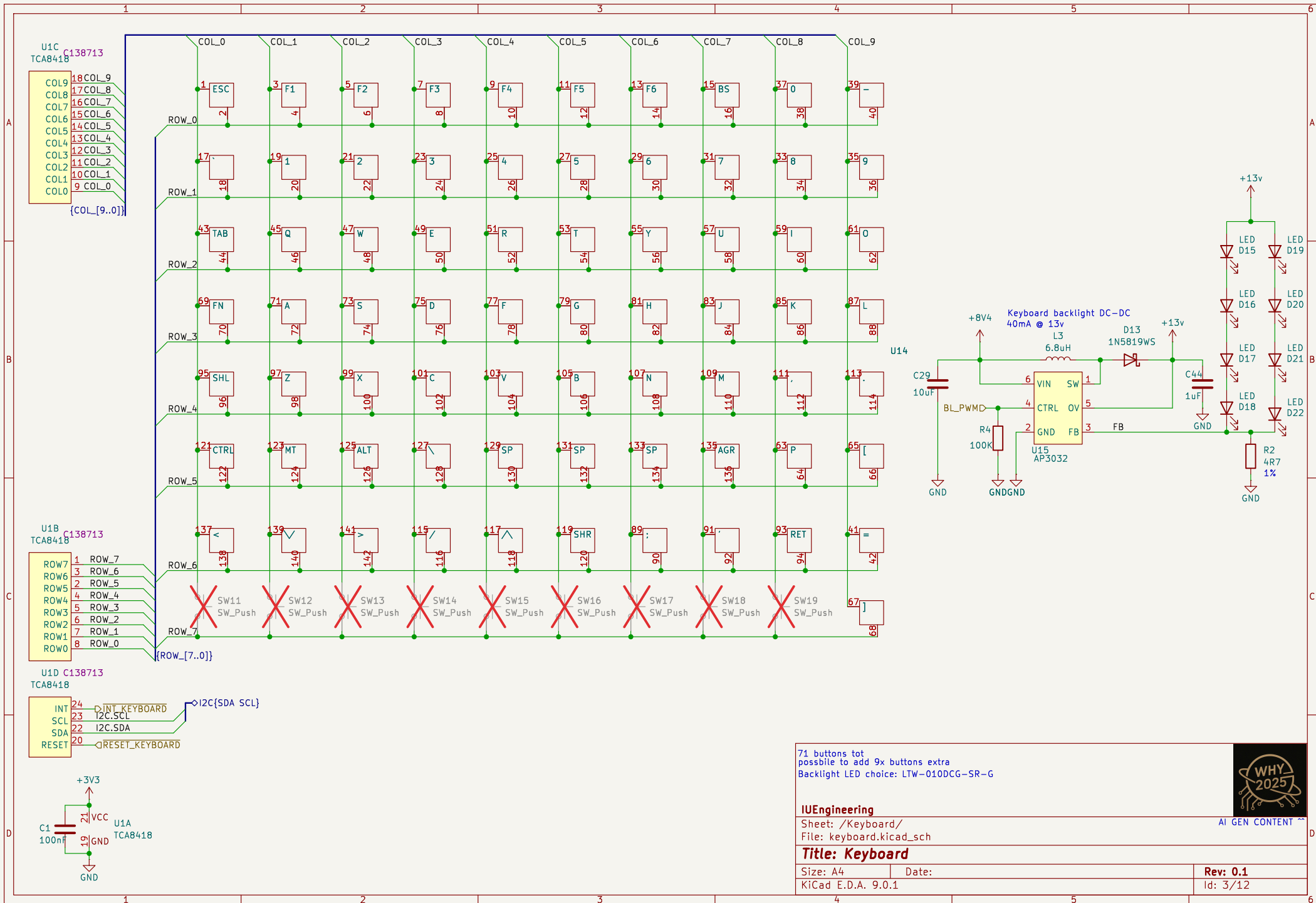
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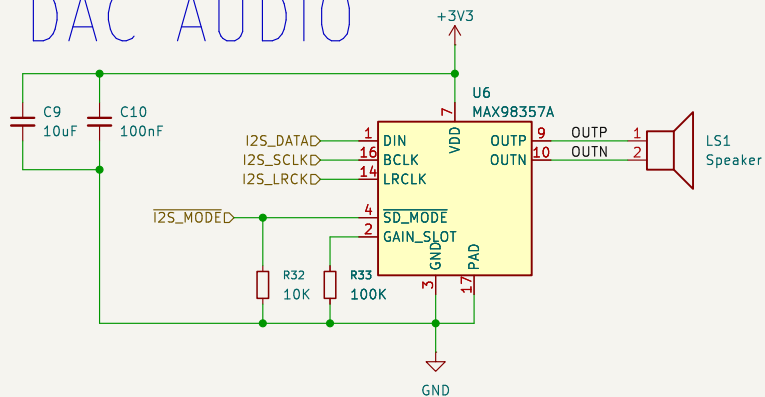
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DAC AUDIO



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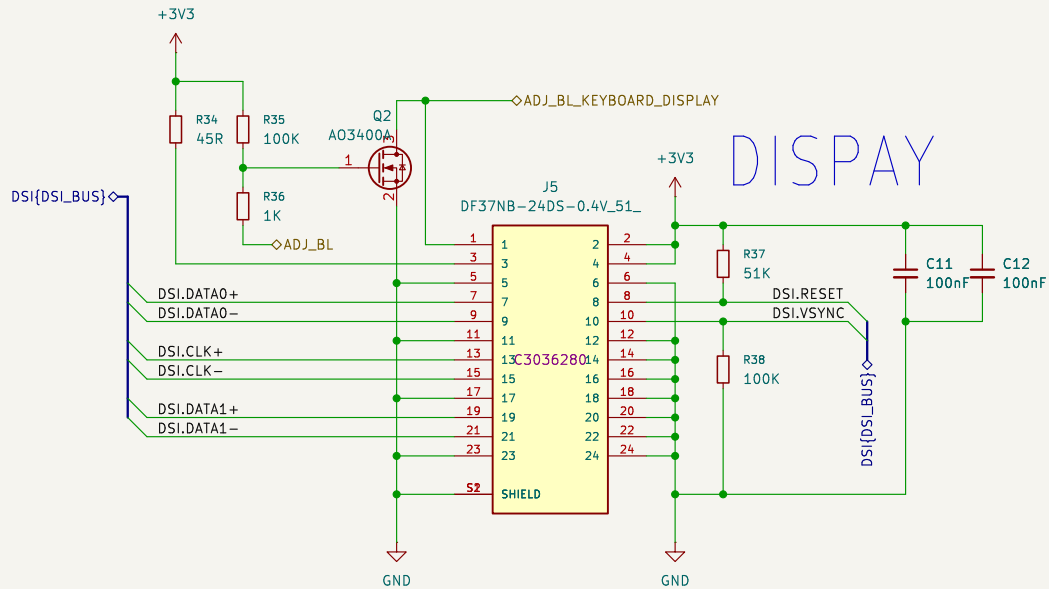
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Id: 6/12



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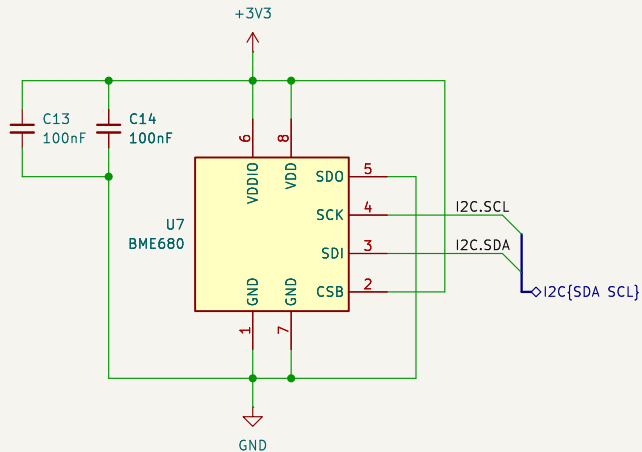
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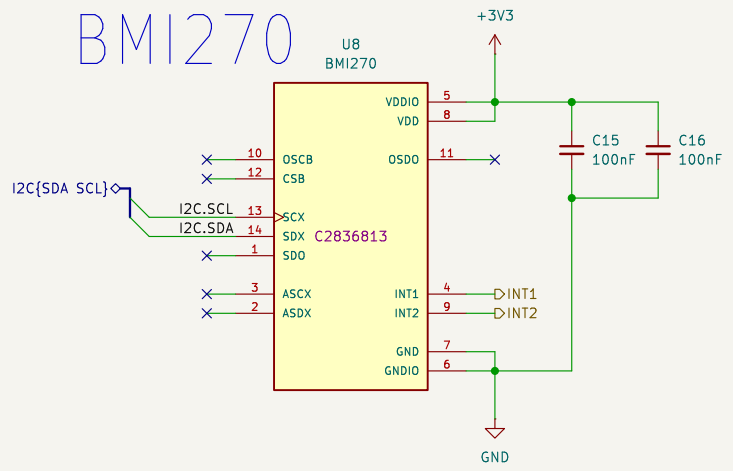
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BME690

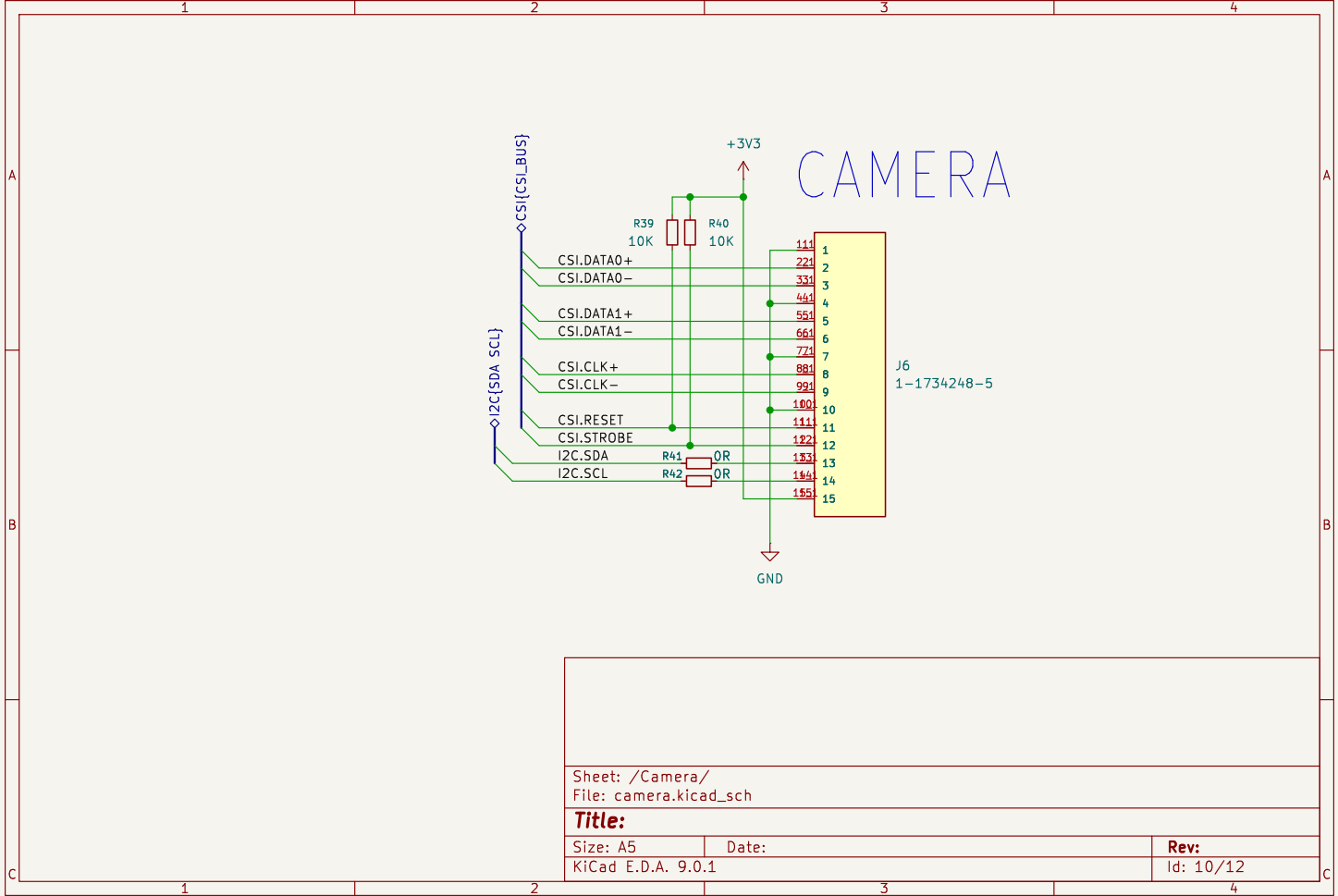


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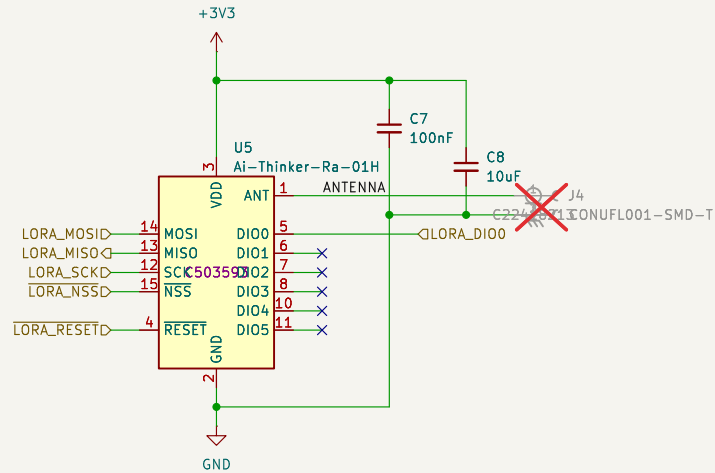
BMI270



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LORA



Sheet: /Connectivity (C6 + LoRa)/LoRa/
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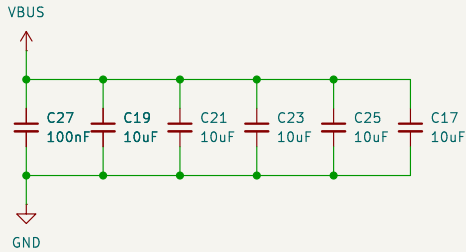
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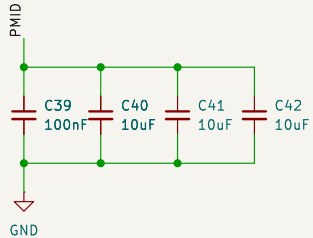
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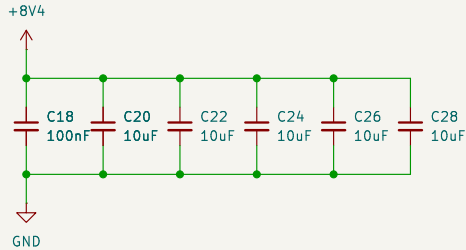
VBUS	2-3	P	Charger Input Voltage – The power input terminal of the charger. An input current sensing circuit is connected between VBUS and PMID. The recommended capacitors at VBUS are 2 pieces of 10µF and one piece of 0.1µF ceramic capacitors. Place the 0.1µF ceramic capacitor as close as possible to the charger IC.
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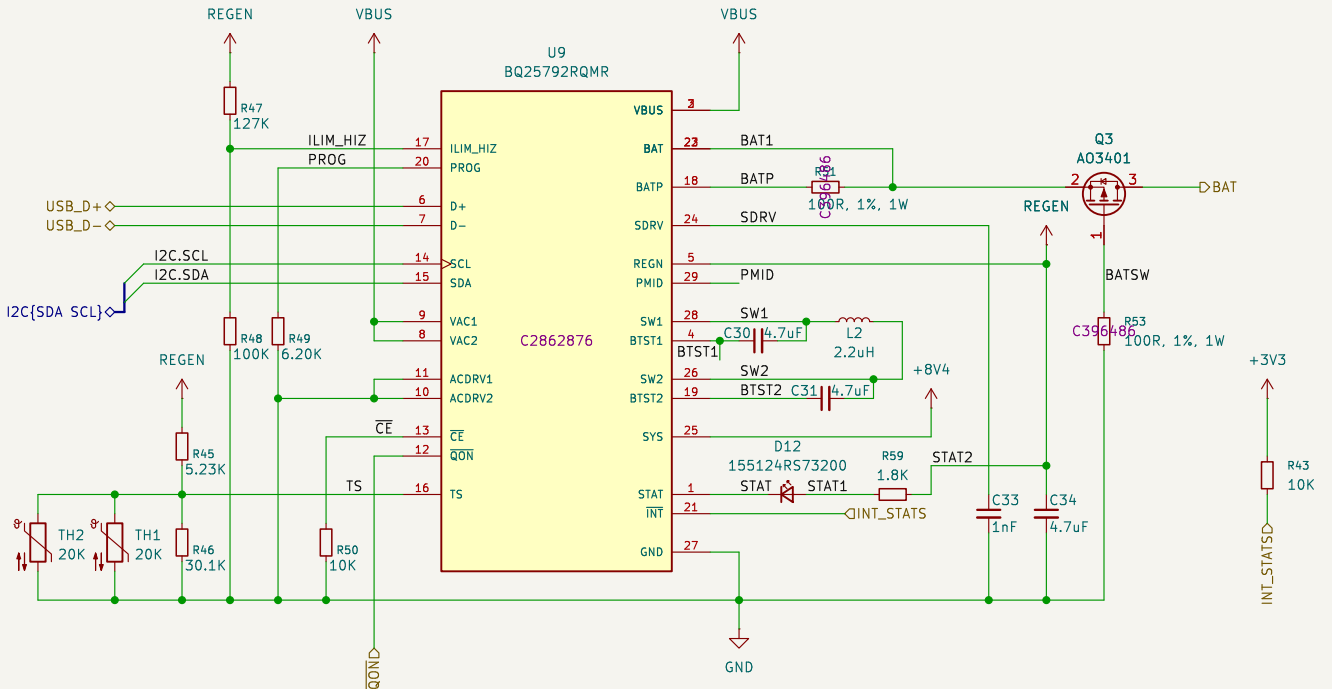
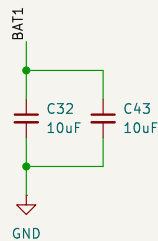
PMID	29	P	Q1 MOSFET Drain Connection – An internal N-channel high side MOSFET (Q1) is connected between PMID and SW1 with drain on PMID and source on SW1. The recommended capacitors at PMID are 5 pieces of 10µF and one piece of 0.1µF ceramic capacitors. Place the 0.1µF ceramic capacitor as close as possible to the charger IC.
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SYS	25	P	The Charger Output Voltage to System – The internal N-channel high side MOSFET (Q4) is connected between SYS and SW2 with drain on SYS and source on SW2. The recommended capacitors at SYS are 5 pieces of 10µF and one piece of 0.1µF ceramic capacitors. Place the 0.1µF ceramic capacitor as close as possible to the charger IC.
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BAT	22-23	P	The Battery Charging Power Connection – Connect to the positive terminal of the battery pack. The internal charging current sensing circuit is connected between SYS and BAT. The recommended capacitors at BAT are 2 pieces of 10µF ceramic capacitors.
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Sheet: /Power & USB/Charger/
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