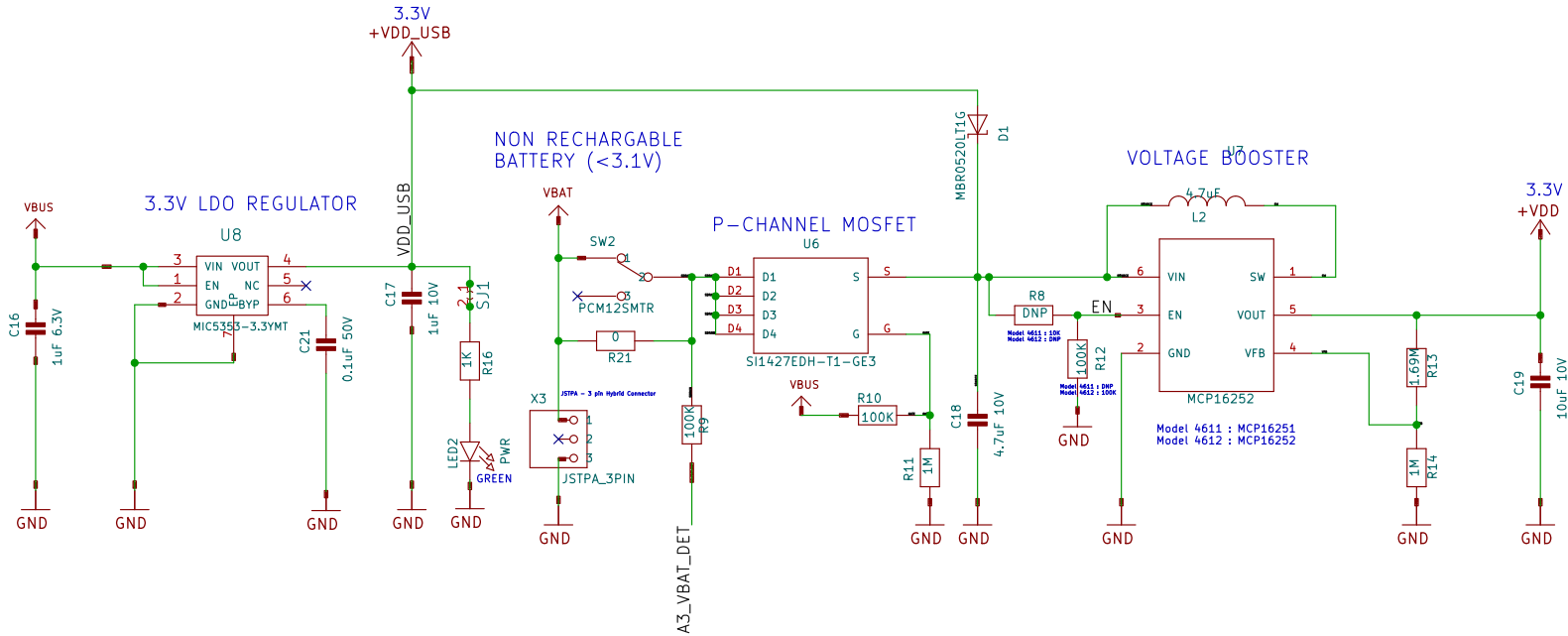
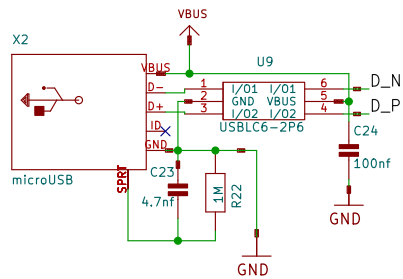




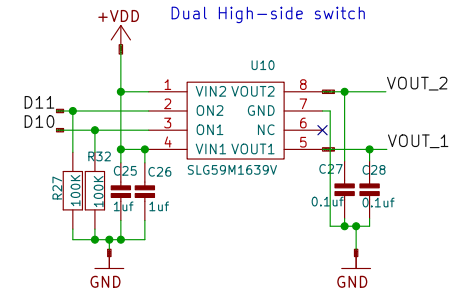
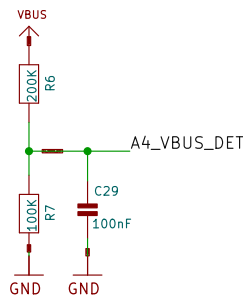
## Power Regulator Section



### Micro USB Connector



### VBUS Monitoring



Model	R28	U7	R8	R12	Notes
4611	DNP	MCP16251	10K	DNP	On 4611, PA8 high enables TCXO only; boost regulator is always enabled, so VDD is always 3.3V until shutdown
4612	0	MCP16252	DNP	100K	On 4612, PA8 high enables TCXO and boosts VDD to 3.3V; PA8 low causes VDD to drop to VIN (typically Vbat - 100 mV). VDD on the I/O ports changes based on whether A0 is high or low.

Drawing number : 234001102

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Sheet: /Power\_Module/

File: Power\_Module.kicad\_sch

**Title: Catena 4611/4612 Schematic**

Size: A4 Date: 2023-02-17

KiCad E.D.A. kicad (6.0.4)

Rev: Rev D

Id: 3/3

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