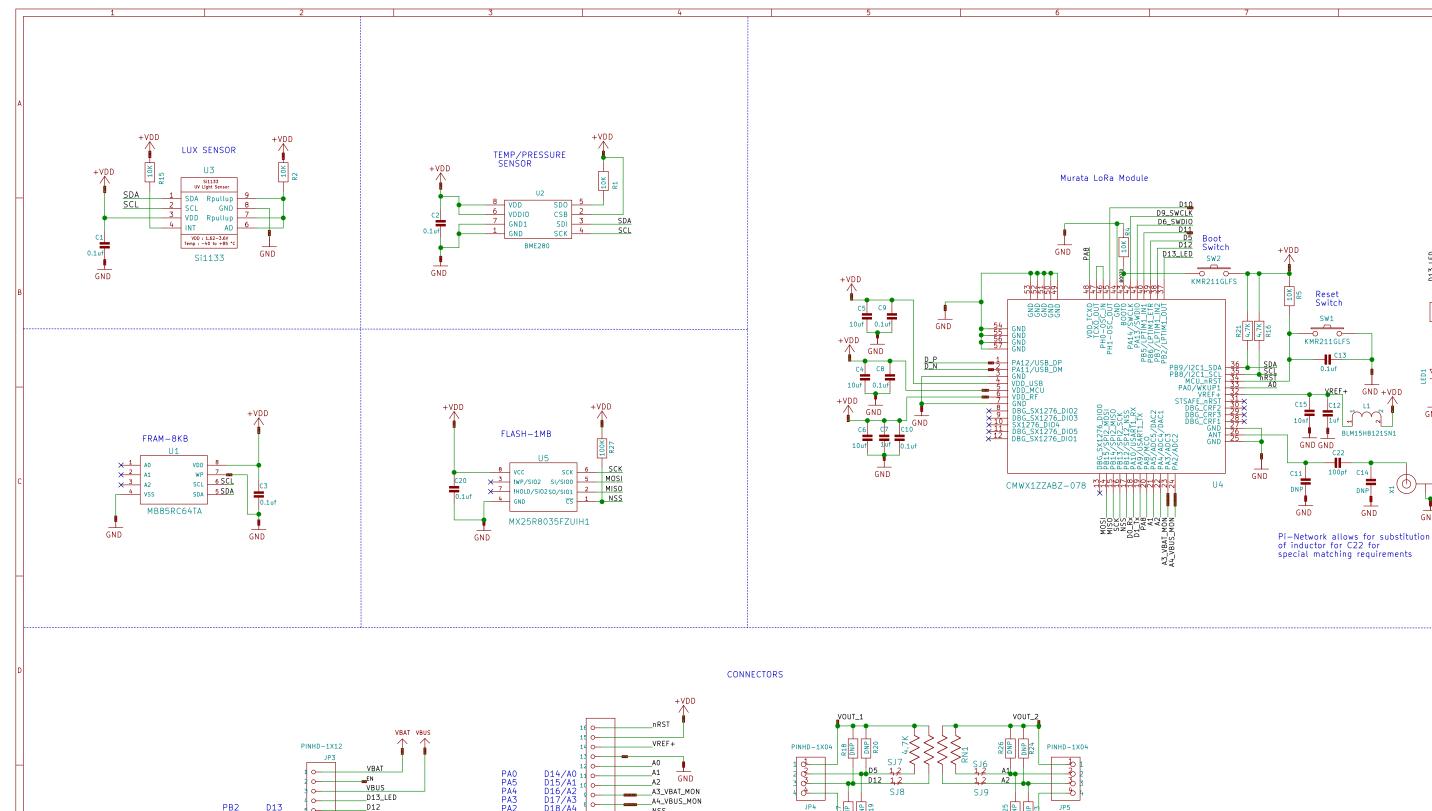
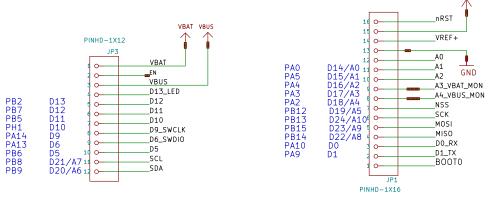
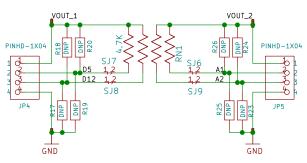
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| | | | | Title: Catena 4610 Schematic | |
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GND +VDD

POWER REGULATOR SECTION VBUS +VCHARGE +VDD Battery Charger Current limiting and Reverse current protection switch U6 USB 3.3V LDO REGULATOR MCP73831/2 LIPO Charger U8 X2 VBAT VIN & VOUT C29 PROG RT9742KNGV_S0T23-3 MIC5353-3.3YM1 VSS <u>1, 2</u>___A3_VBAT_MON 🗒 C24 LiPo 100nf microUSB VDD: 3.75-6V Temp: -40-85*C Battery PINHD-1X02 MCP73831T-2ACI/OT ال = 100nF _**T** GND 10K = 100mA 5.0K = 200mA 2.0K = 500mA 1.0K = 1000mA \circ GND **VBUS** Montioring VBUS Dual High-side switch U10 _V0UT_2 VIN2 VOUT2 D11_ ON2 GND ON1 NC _VOUT_1 2, 1 ___A4_VBUS_MON VIN1 VOUT1 SLG59M1639V MCCI = 100nF Drawing number: 234001131 MCCI Corporation Sheet: /Power-Module/ GND GND File: Power-Module.sch Title: Catena 4610 Schematic Date: 2019-03-01 Size: A4 Rev: Rev B KiCad E.D.A. kicad 4.0.7 ld: 3/3