Connector

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MCU

File: mcu.kicad_sch

WMBUS

File: wmbus.kicad_sch

SIM7080G

File: peripherals.kicad_sch

LoRa

File: lora.kicad_sch

power

File: power.kicad_sch

Approved By: Jones Kisaka Designed By: Rodney Osodo

Abstract Machines

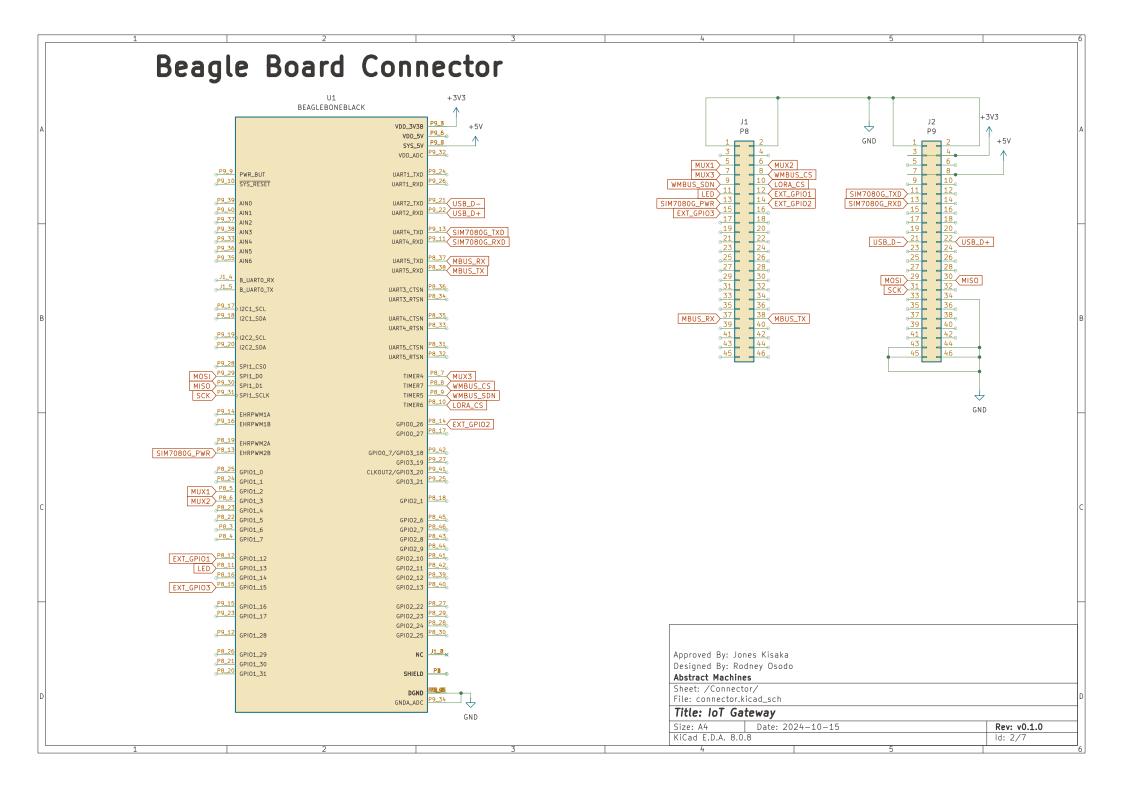
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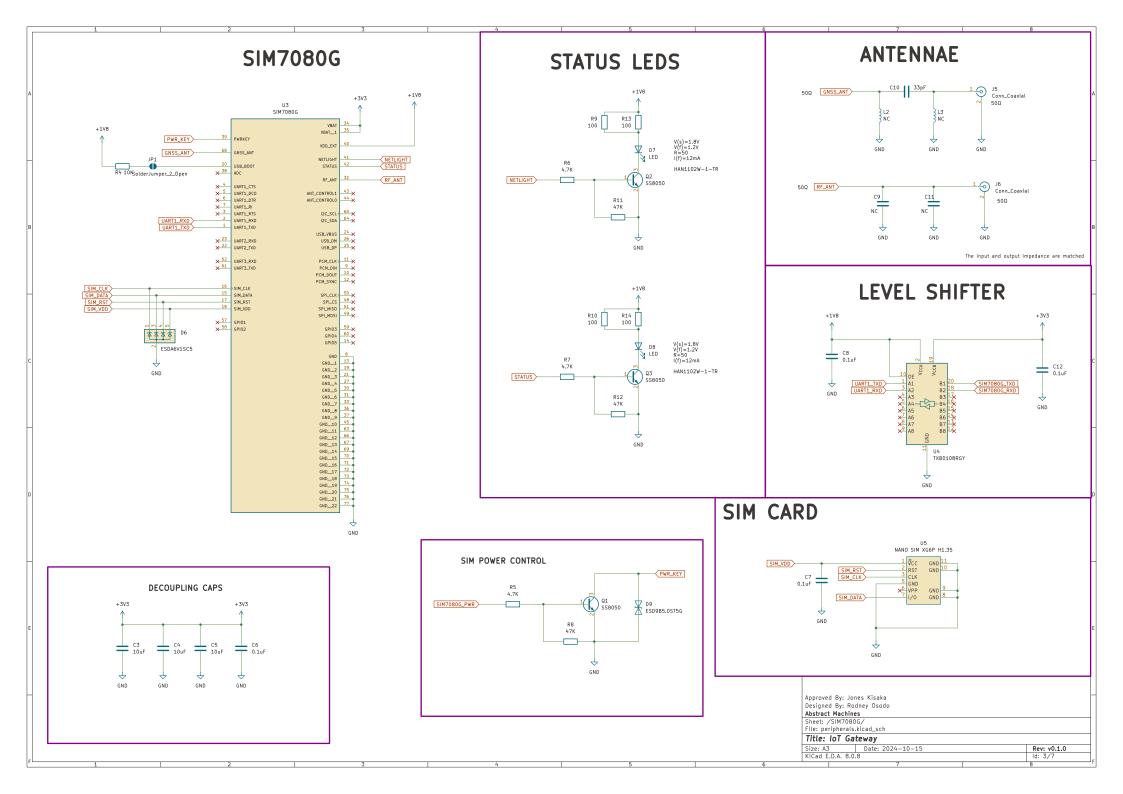
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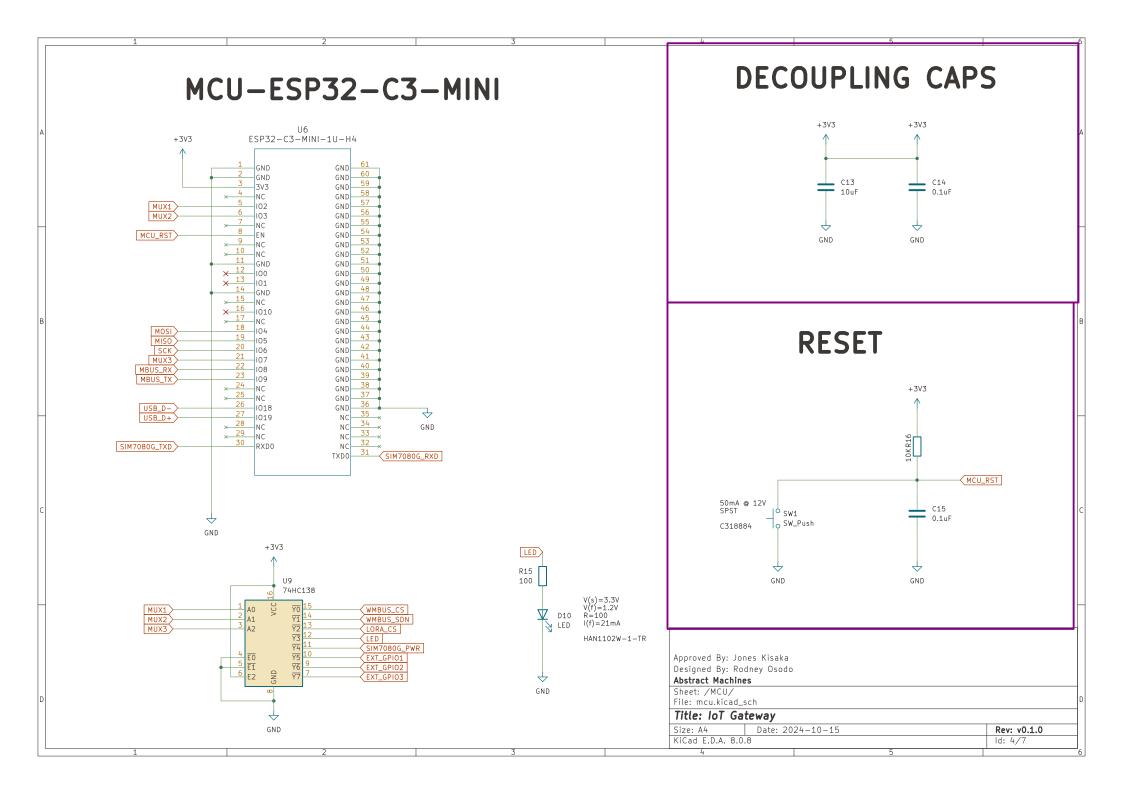
Title: IoT Gateway

 Size: A4
 Date: 2024-10-15
 Rev: v0.1.0

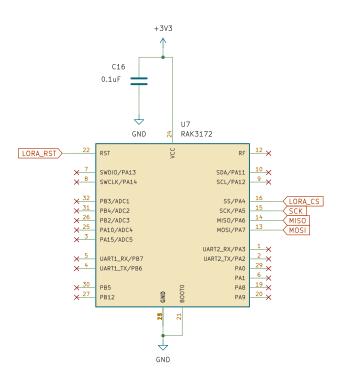
 KiCad E.D.A. 8.0.8
 Id: 1/7

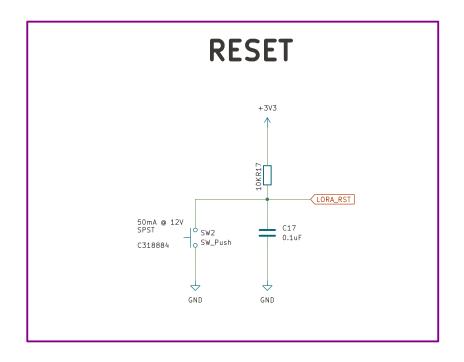






LORA MODULE





Approved By: Jones Kisaka Designed By: Rodney Osodo

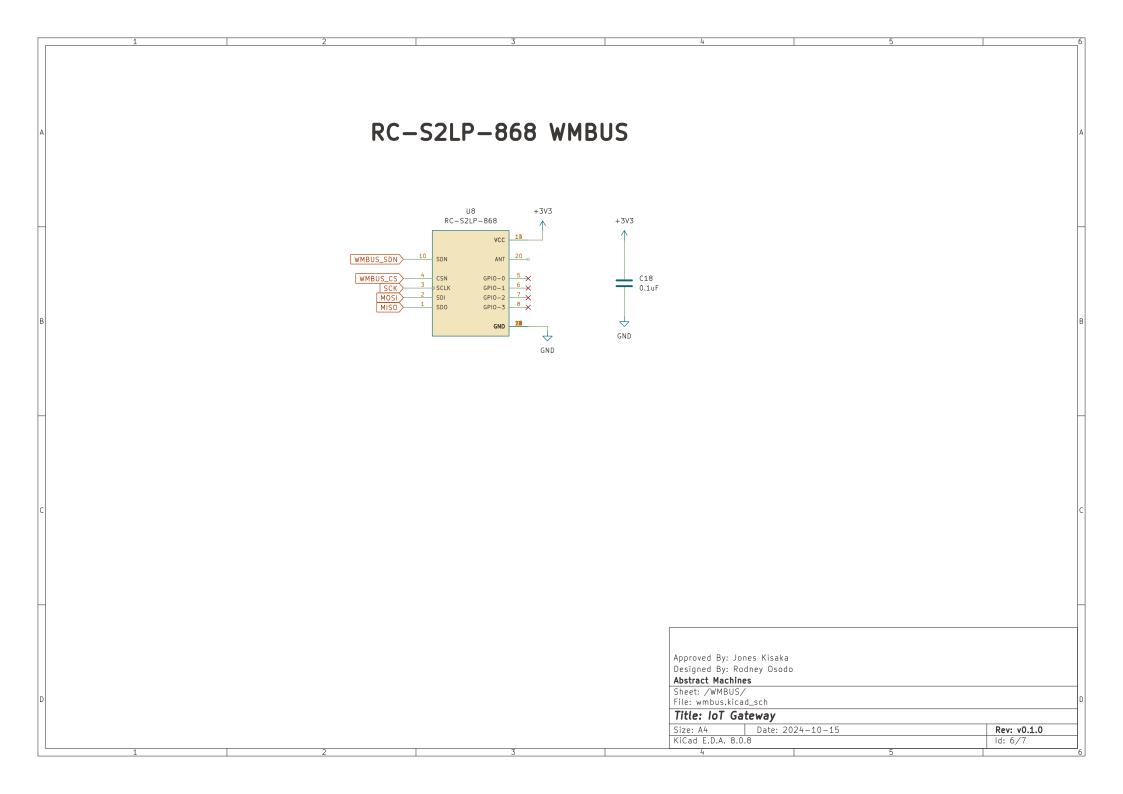
Abstract Machines

Sheet: /LoRa/ File: lora.kicad_sch

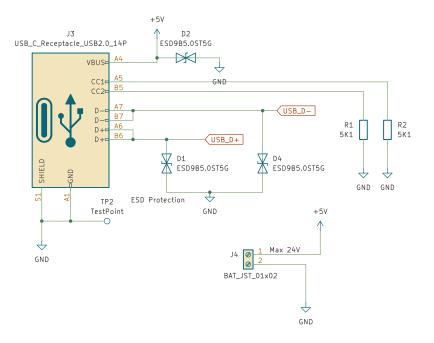
'	Titl	e:	ΙoΤ	Ga	tew	ay
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 Rev: v0.1.0

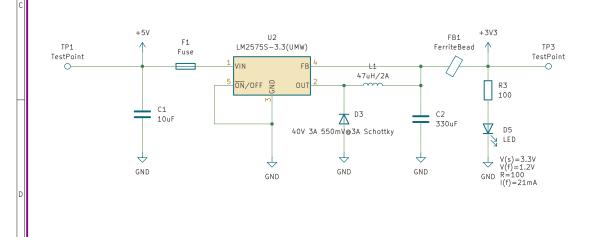
 KiCad E.D.A. 8.0.8
 Id: 5/7



USBC & BAT



BUCK-CONVERTOR



Resistors 0 - RC0603JR-070RL Capacitors 33pF - +/- 10% - 50V - +/- 1% - 0.1W - ERJ-3EKF1000V - GMC10CG330K50NT 0.10F - +/- 5% - 50V - 0603B104J500XD - +/- 1% - 0.1W - RC0603FR-071KL 10uF -CL21A106KOQNNNE -C1713 4.7k - +/- 0.1% - 0.1W - RC0603FR-074K7L -X5R ±10% - +/- 10% - 10V 10k - +/- 1% - 0.1W - RC0603FR-0710KL - 0603B105K100XD 100uF - +/- 10% - 6.3V - GMC31X5R107K6R3NT - +/- 0.1% - 0.1W - ERA-3AEB473V

Sheet: /power/ File: power.kicad_sch

Title:

 Size: A4
 Date:
 Rev:

 KiCad E.D.A. 8.0.8
 Id: 7/7