

Solar input

Deprecated Designs

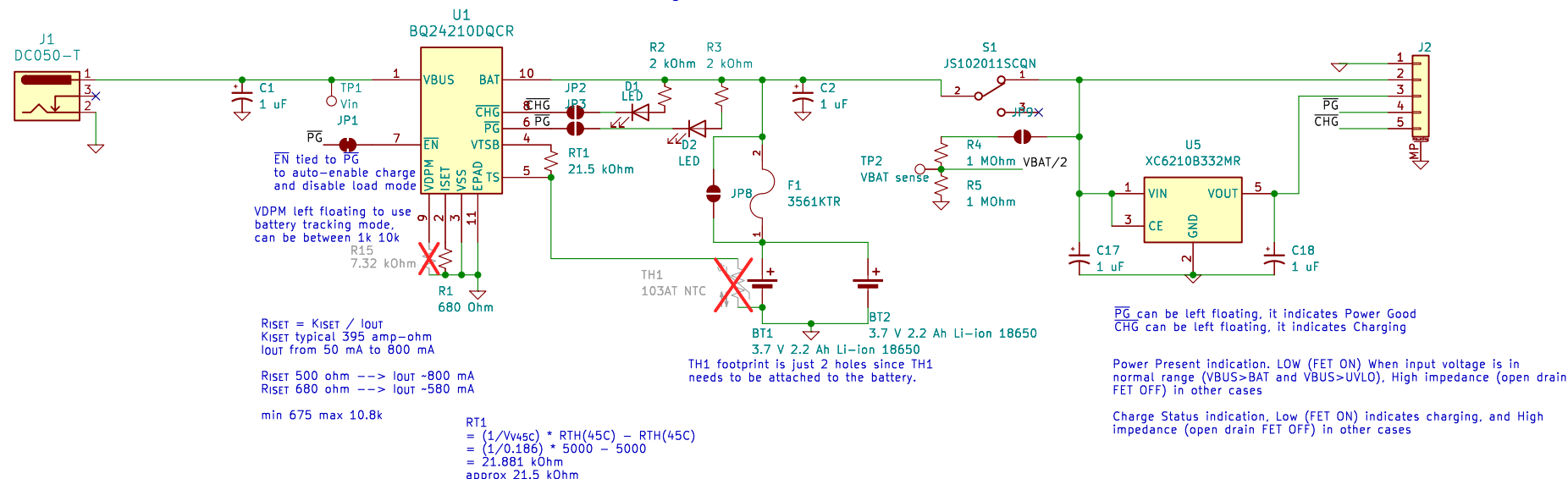
NiMH non-solar charger

File: NiMH non-solar charger.kicad_sch
NiMH solar charger

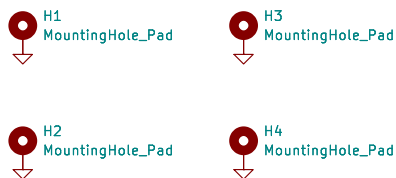
File: NiMH solar charger.kicad_sch
Li-Ion switching solar charger

File: Li-Ion switching solar charger.kicad_sch

Linear Li-Ion solar charger



Mounting Holes



Jack Lin

Sheet: /
File: newbatt.kicad_sch

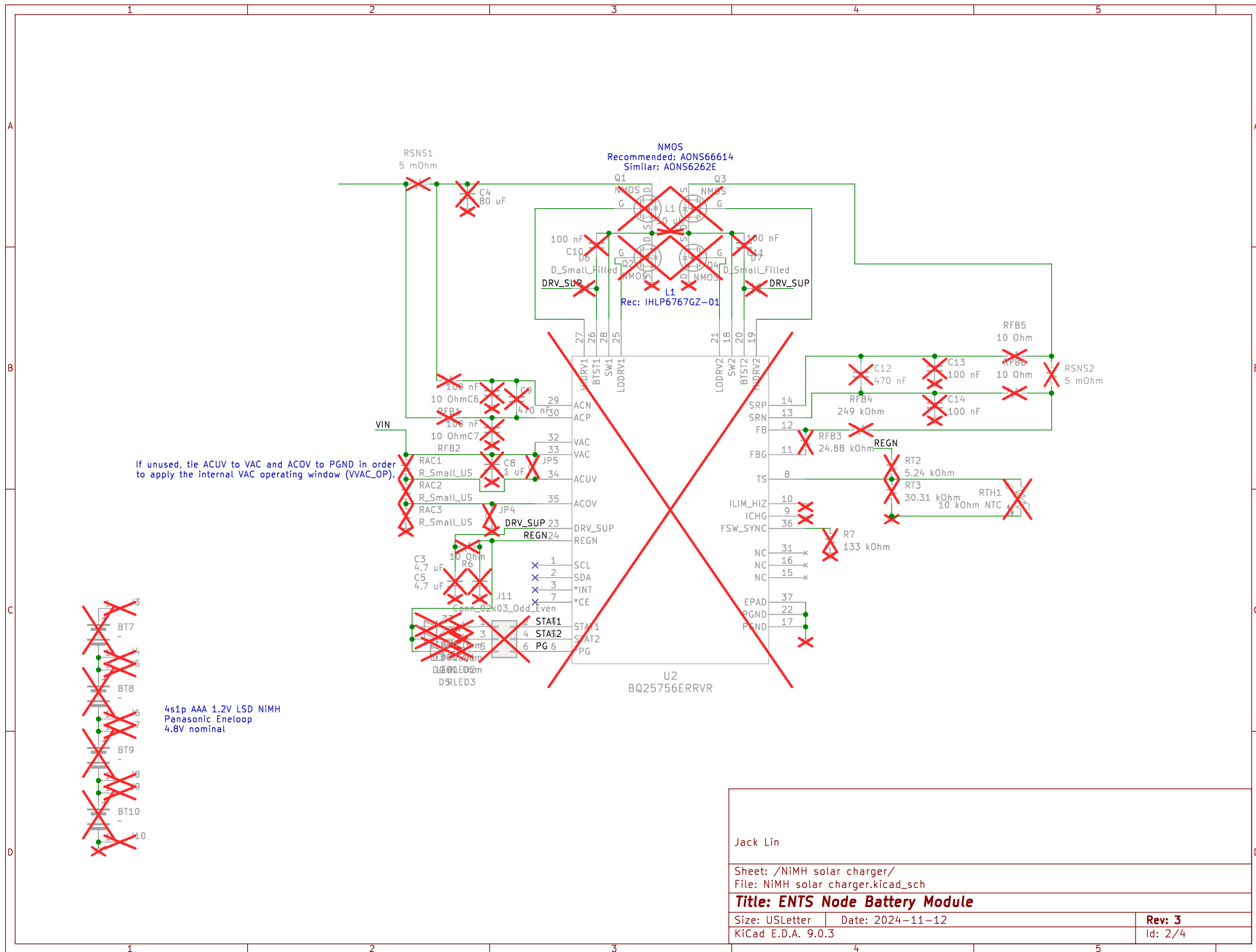
Title: ENTS Node Battery Module

Size: USLetter Date: 2024-11-12

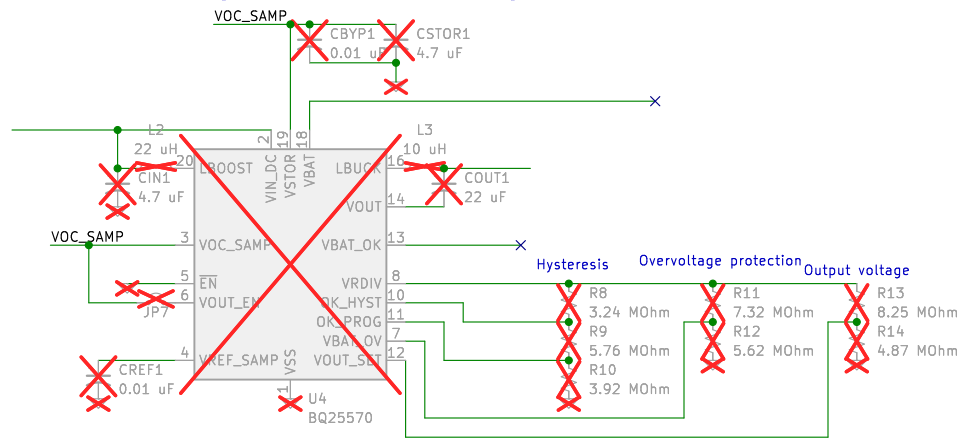
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Rev: 3

Id: 1/4



Switching Li-Ion solar charger



Based on Matt's design from Greener Greenhouses, targeted at a 3.7 V Li-Ion ~350 mAh cell powered by 4x parallel PV cells (SM141K04LV)

Alternative Design

Jack Lin	
Sheet: /Li-Ion switching solar charger/ File: Li-Ion switching solar charger.kicad_sch	
Title: ENTS Node Battery Module	
Size: USLetter	Date: 2024-11-12
KiCad E.D.A. 9.0.3	Rev: 3 Id: 4/4