switching_regulators

File: main.kicad_sch

power_switches

File: interface.kicad_sch

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Source location: https://github.com/arnokrenslehner/LTPS
As per CERN-OHL-W v2 section 4.1, should You produce hardware based on
these sources.

en
qualification model
schematic
LTPS
Arno Krenslehner

Sheet: /
File: LTPS_A.kicad_sch

Title: Low Temp. Power System

Size: A3	Date: Dec. 2022	**Rev: 1.1**
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couple thermally to battery

safety measure to not start a wildfire

remove before flight
short to disable power supply

voltage divider
max input 3.5V
max output 2.5V (ADC)

internal 3.3V supply for LTPS electronics

voltage divider
max input 6.0V
max output 2.5V (ADC)

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qualification model	
schematic	
LTPS	
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Sheet: /switching_regulators/	
File: main.kicad_sch	
Title: Low Temp. Power System	
Size: A3	Date: May 2023
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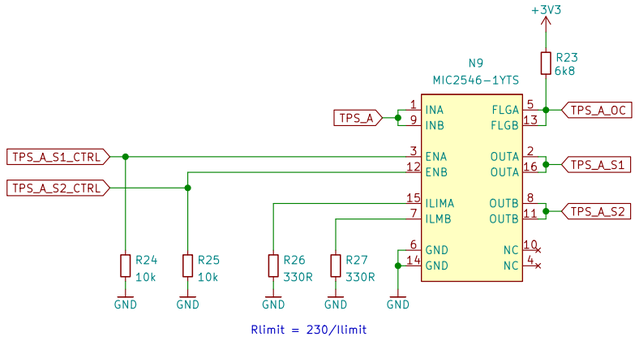
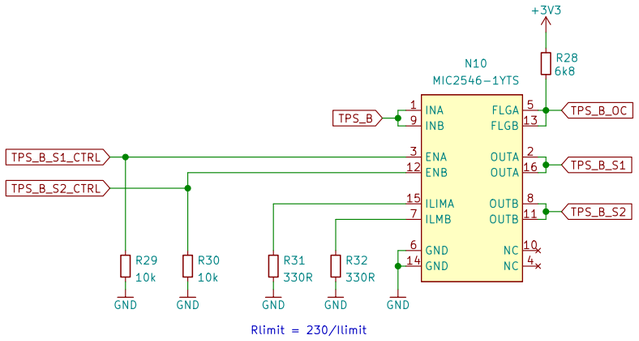
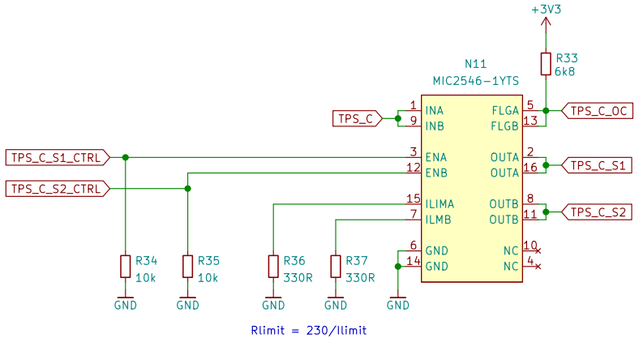
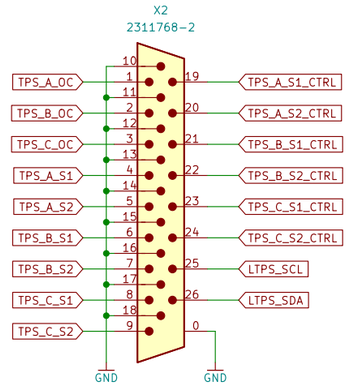
	Id: 2/3









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qualification model
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Title: Low Temp. Power System

Size: A3	Date: May 2023	**Rev: 1.1**
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