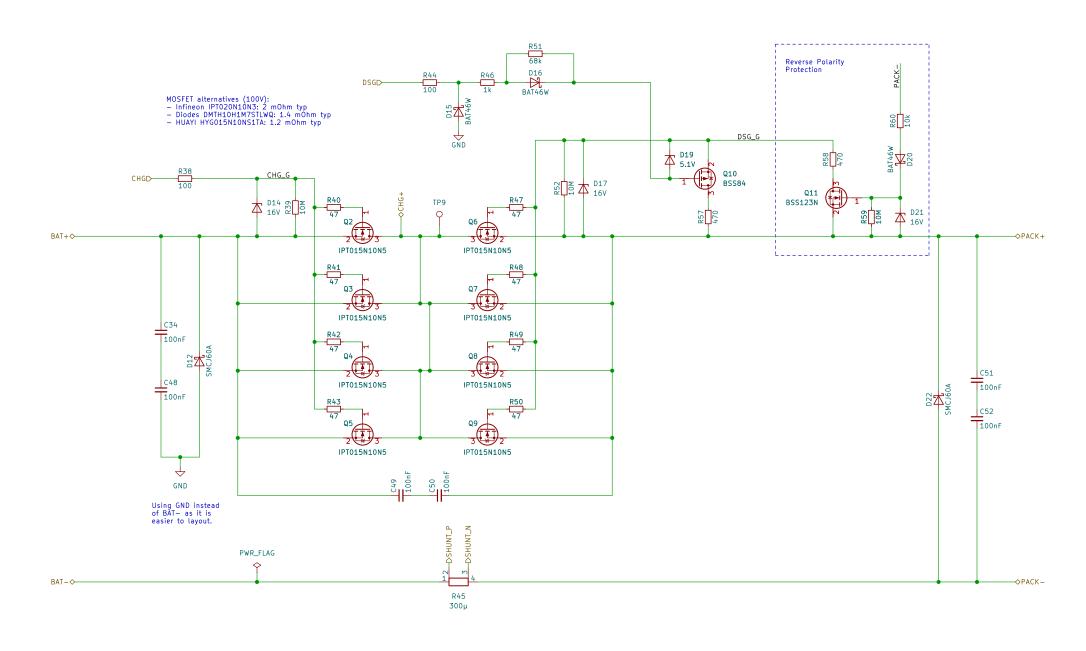
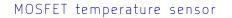
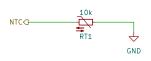


Power Part - MOSFETs and Shunt







Bus precharge circuit

Calculations:

- Peak current: 60V / 40R = 1.5A

- Time constant for C bus 5mF: 0.29 Short circuit must be detected and interrupted within <100 ms to avoid overloading of the resistor. D24 16V D23 75V Max. continuous current: 0.5 A ZXMP10A17GTA Q12

Tille Colls	ant roi	C_Dus	Jilli .	0.25	
Dissipated	energy:	9 J			

Libre	Solar	RMZ	C1
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Libre Solar Technologies GmbH Author: Martin Jäger Website: https://libre.solar

Sheet: /Power Part/ File: power-part.kicad_sch					
License: CERN-OHL-W					
Size: A3	Date: 2022-09-30				
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