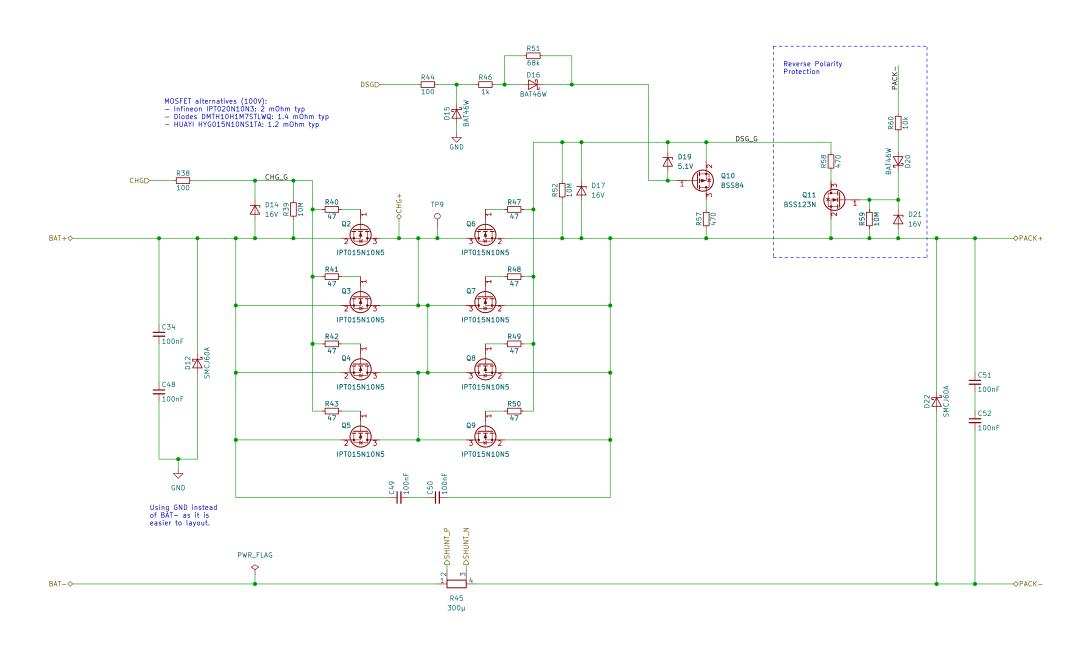
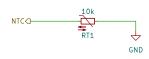


Power Part - MOSFETs and Shunt







Bus precharge circuit

Calculations:

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

- Time constant for C_bus 5mF: 0.2s

- Dissipated energy: 9J Short circuit must be detected and interrupted within <100 ms to avoid overloading of the resistor. D24 16V D23 Max. continuous current: 0.5 A ZXMP10A17GTA Q12

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

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