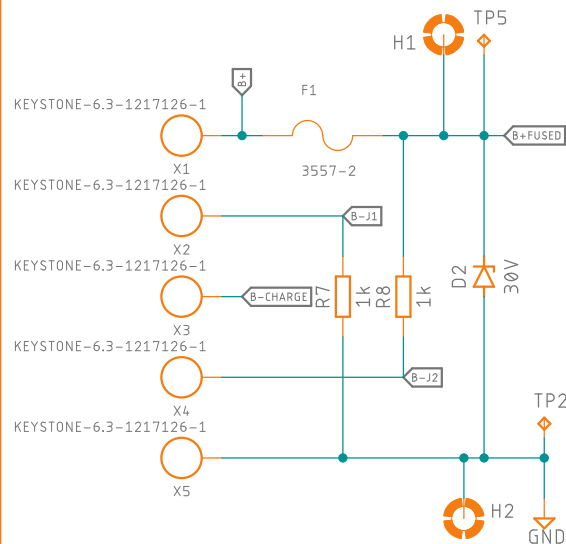
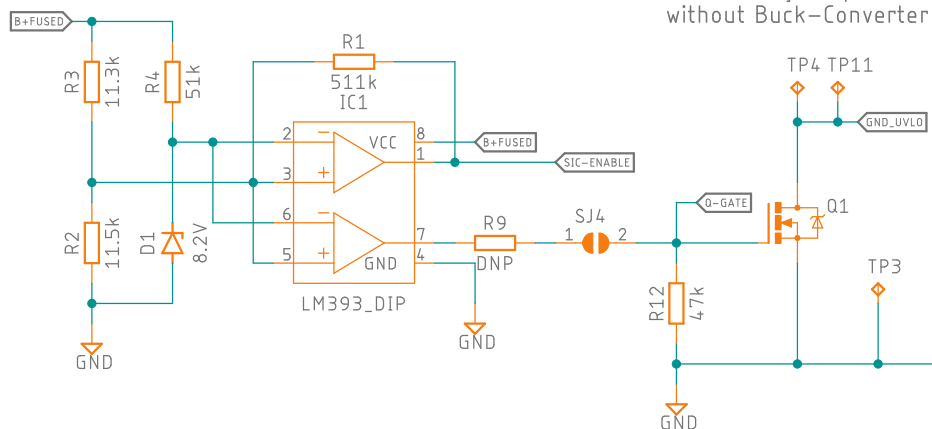


battery connection
fuse holder
resistors to please battery :)



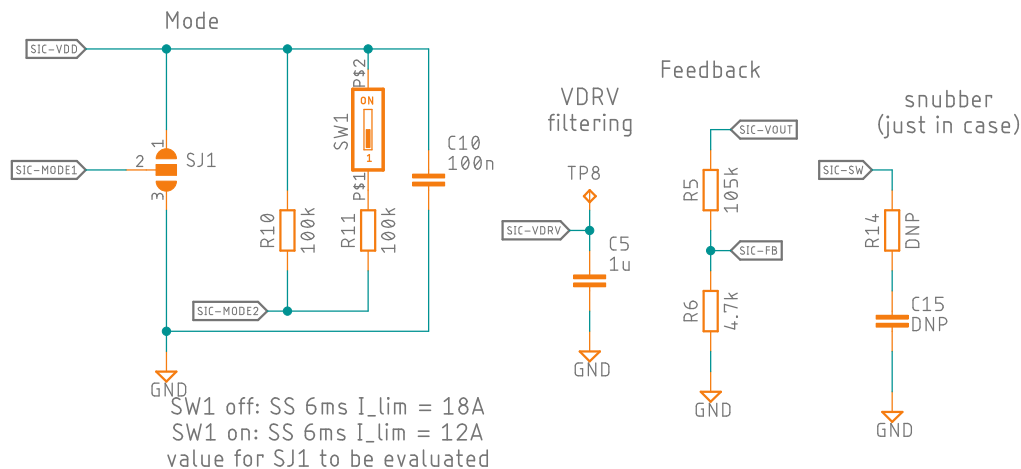
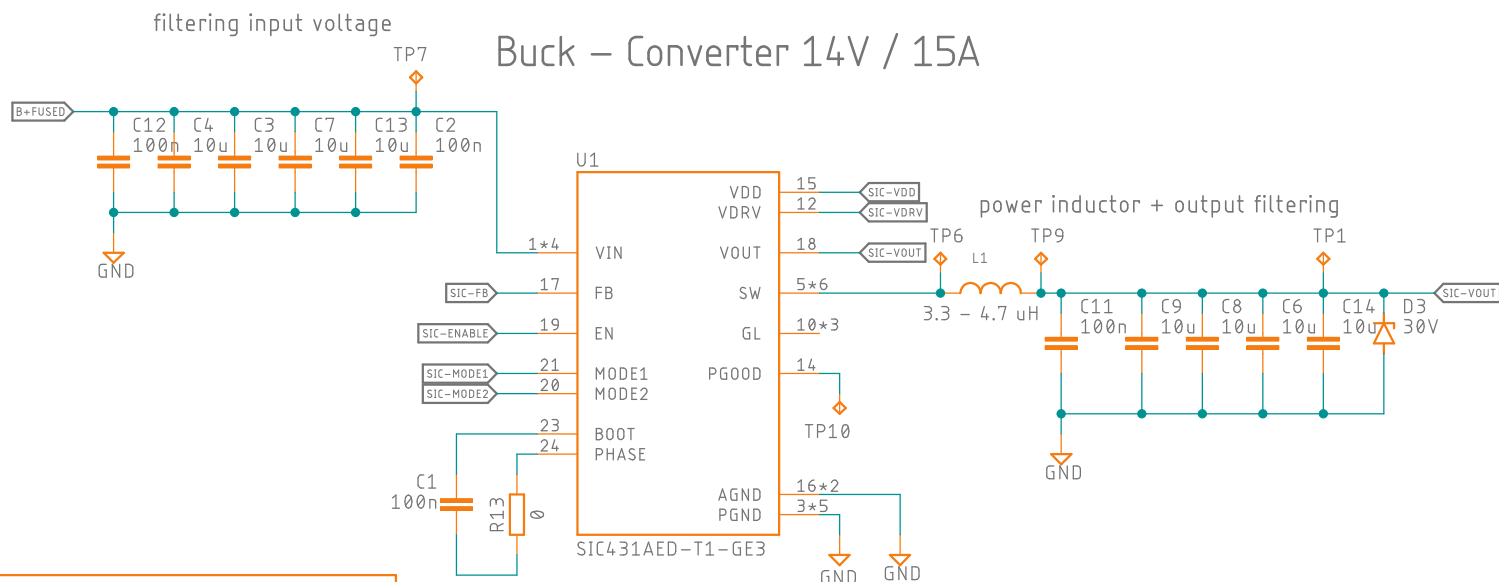
UVLO with hysteresis



Battery Output
without Buck-Converter

suitable Mosfet:
Vishay SIS406DN

Buck – Converter 14V / 15A



SW1 off: SS 6ms I_{lim} = 18A
SW1 on: SS 6ms I_{lim} = 12A
value for SJ1 to be evaluated

TITLE: M18 to CigLighter

AUTHOR: Luca Brenner

Document Number:
github.com/BrennerLu/Milwaukee-2-CigLighter

REV:
V0.2

Date: 03.07.2023 22:24

Sheet: 1/1