

Sync Buck DC-DC power pre-regulator

TITLE: EEZ DIB DCP405 r4B2

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REV:

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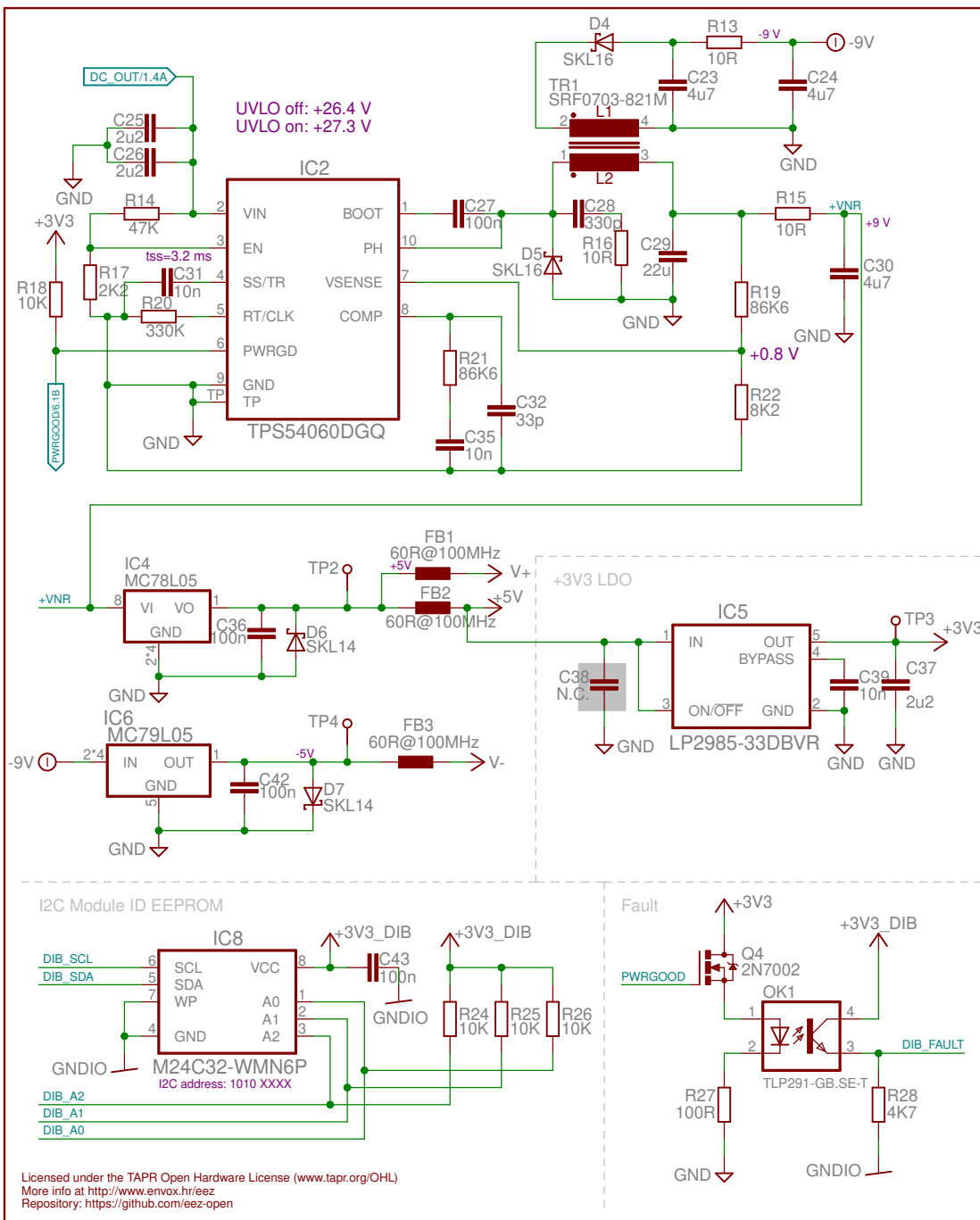


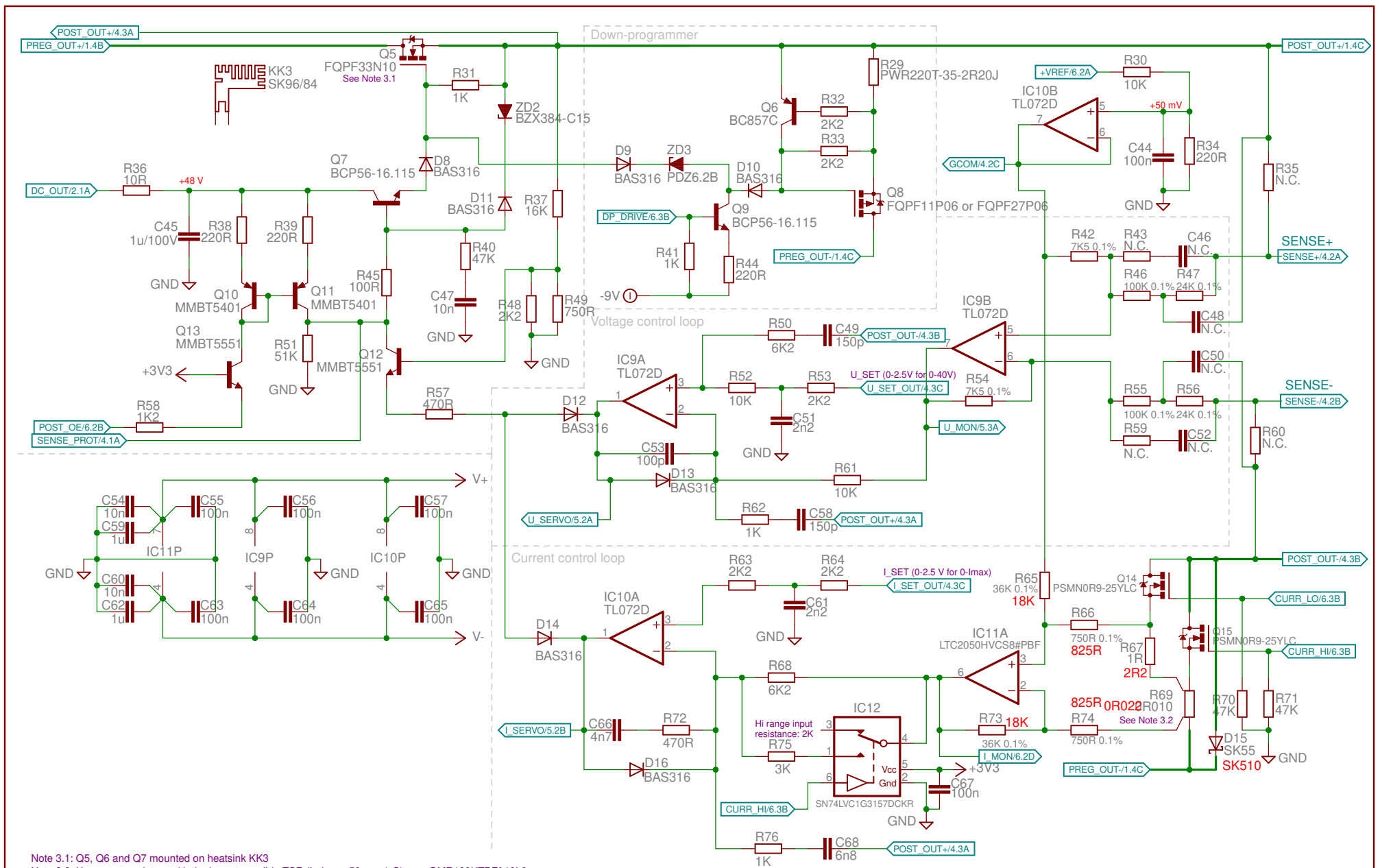
HR000002

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More info at <http://www.envox.hr/eez>

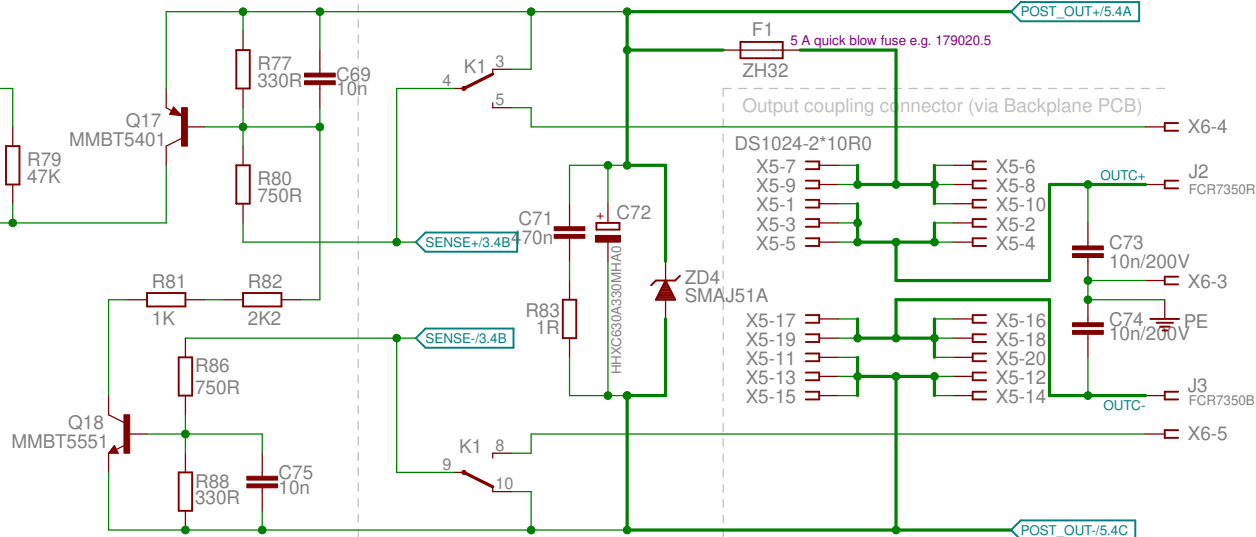
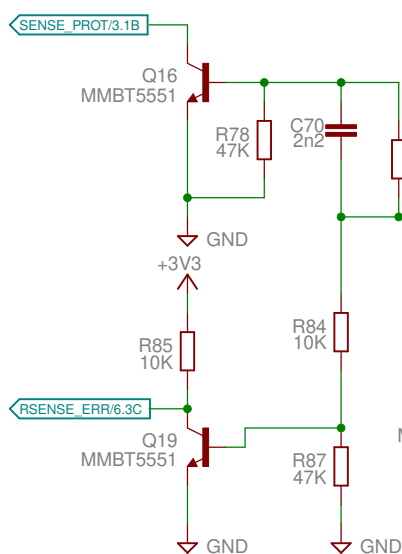
Repository: <https://github.com/eez-open>



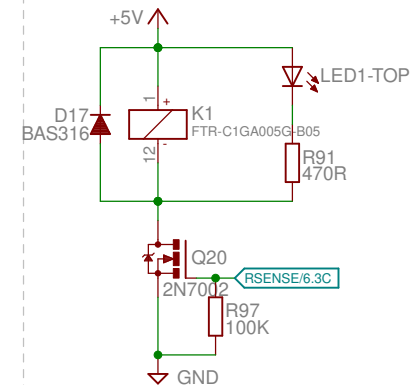
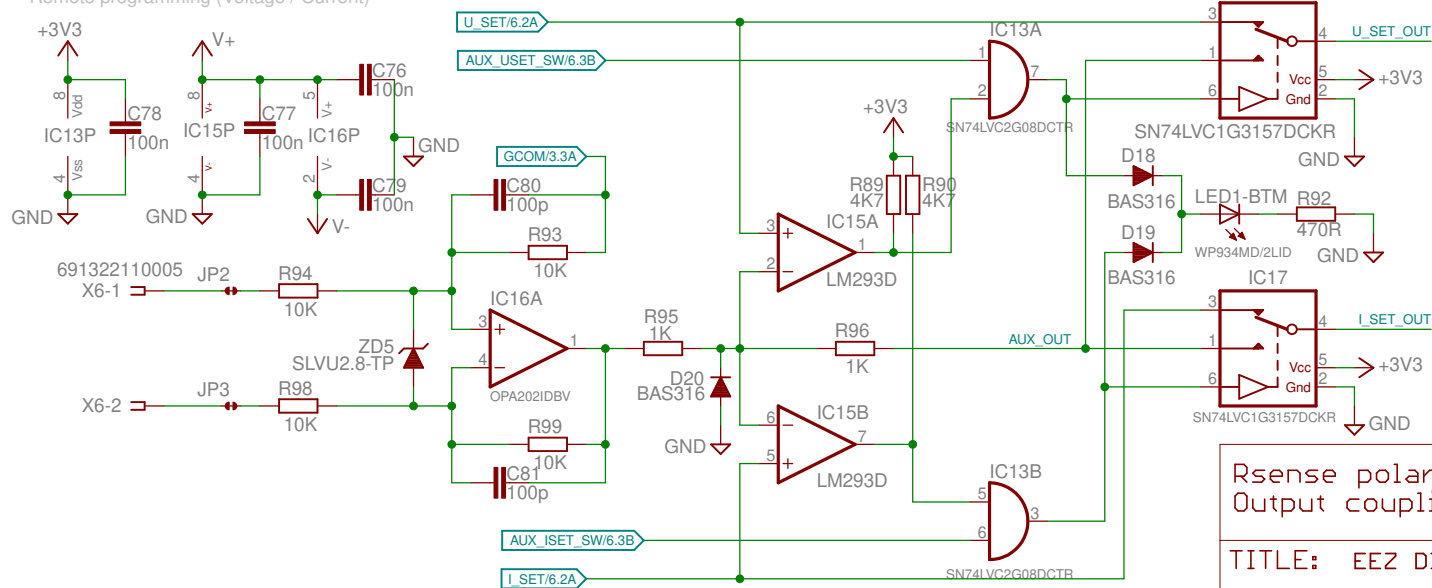


Note 3.1: Q5, Q6 and Q7 mounted on heatsink KK3

Note 3.2: Use power resistors with the lowest possible TCR (below ± 50 ppm/°C), e.g. GMR100HTBFA10L0

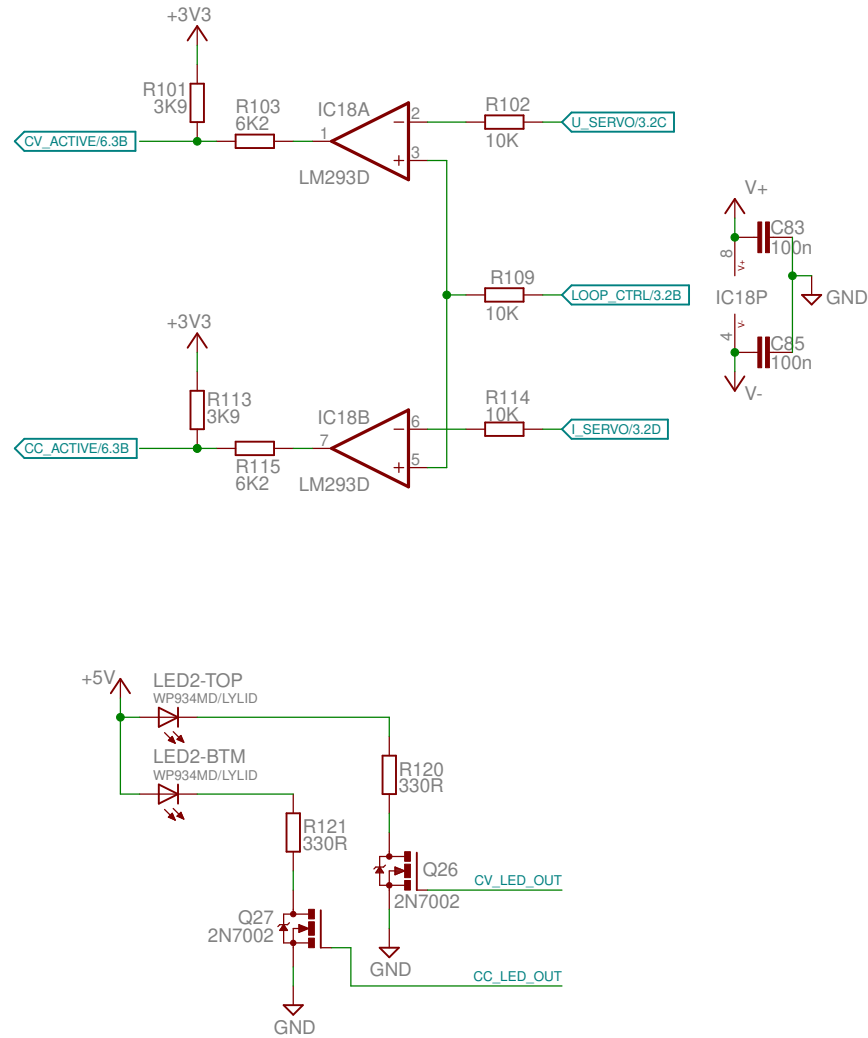


OUTC+ 1	○ ○	2 OUTC+
OUTC+ 3	○ ○	4 OUTC+
OUTC+ 5	○ ○	6 POST_OUT+
POST_OUT+ 7	○ ○	8 POST_OUT+
POST_OUT+ 9	○ ○	10 POST_OUT+
POST_OUT- 11	○ ○	12 POST_OUT-
POST_OUT- 13	○ ○	14 POST_OUT-
POST_OUT- 15	○ ○	16 OUTC-
OUTC- 17	○ ○	18 OUTC-
OUTC- 19	○ ○	20 OUTC-

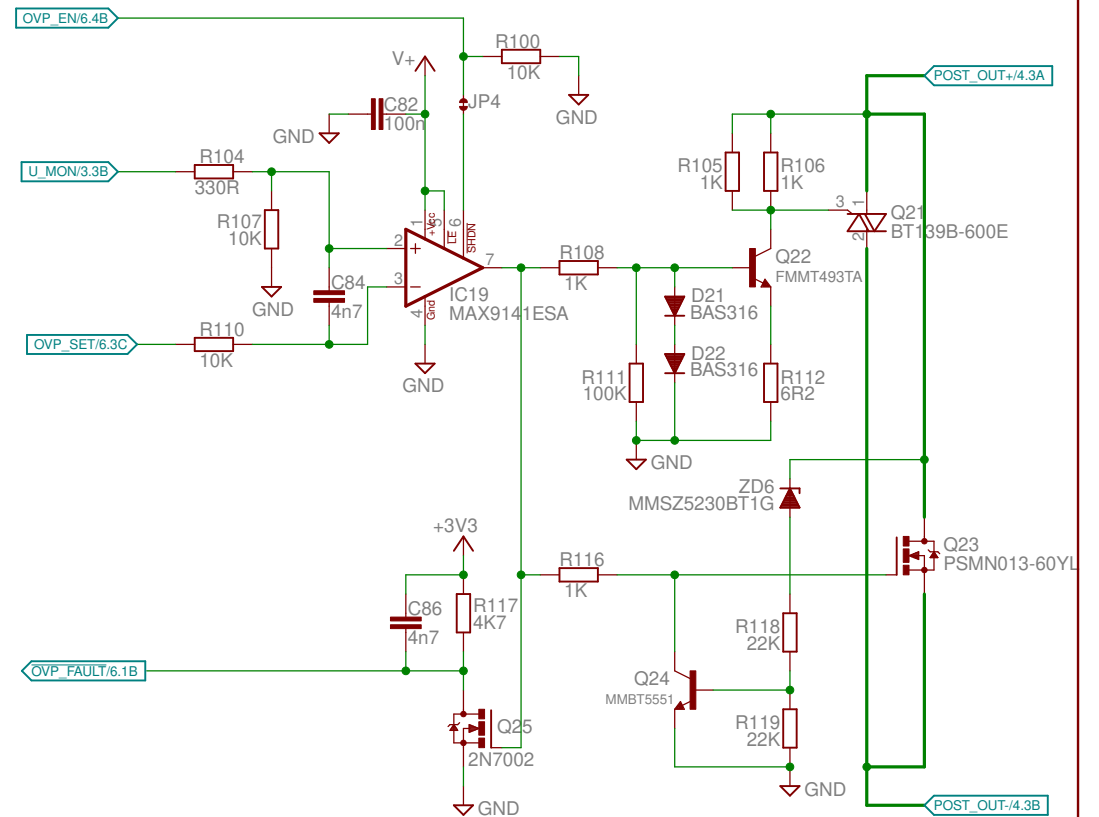


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Constant Voltage (CV) and Constant Current (CC) mode detection and indication



Over-voltage protection (OVP)



CC/CV mode detection and indication, HW OVP

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