

Sync Buck DC-DC power pre-regulator

TITLE: EEZ DIB DCP405 r4B1

Document Number:

REV:

Date: 4.8.2021. 17:36

Sheet: 1/6

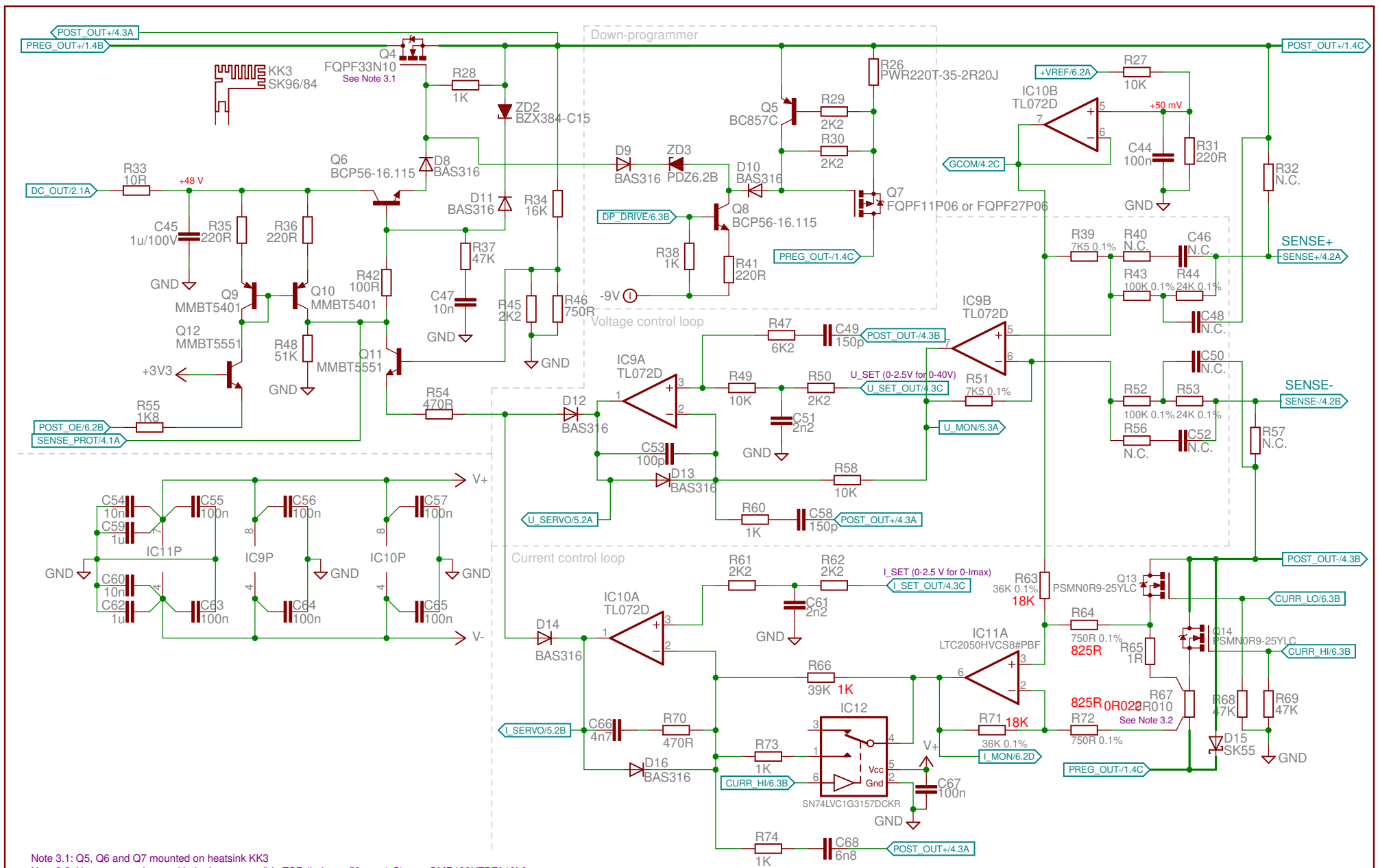


HR000002

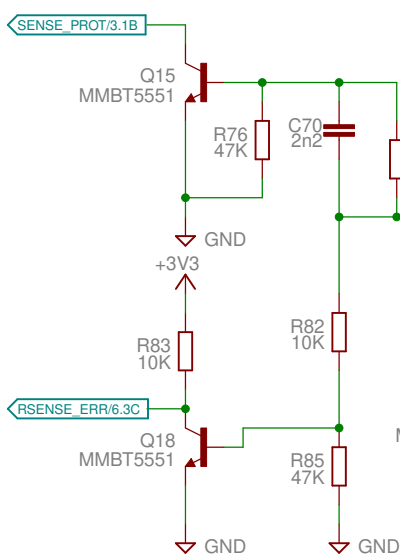
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More info at <http://www.envox.hr/eez>

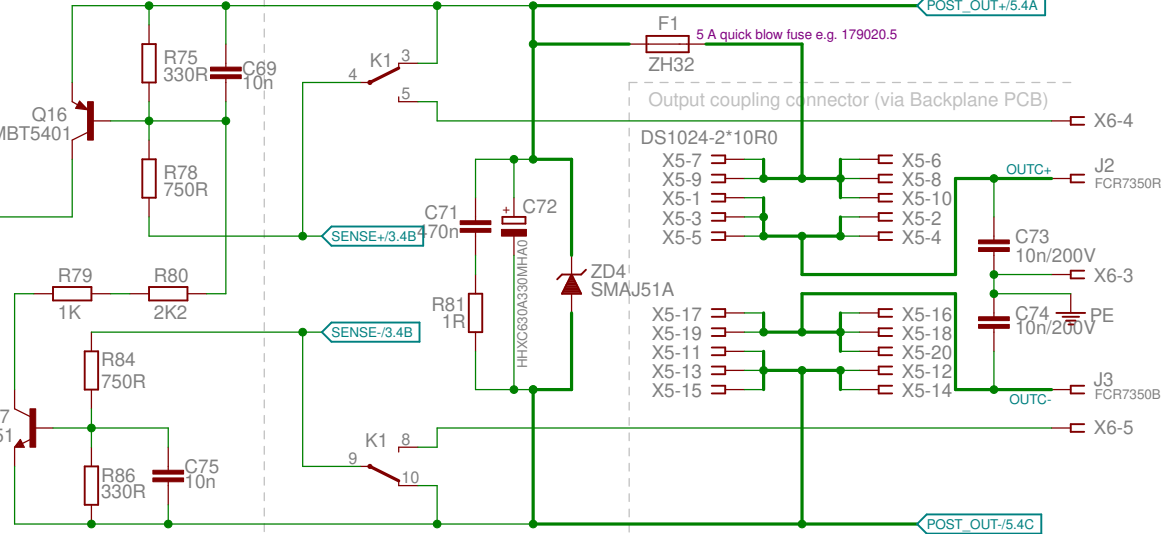
Repository: <https://github.com/eez-open>



Remote sense reverse polarity detection



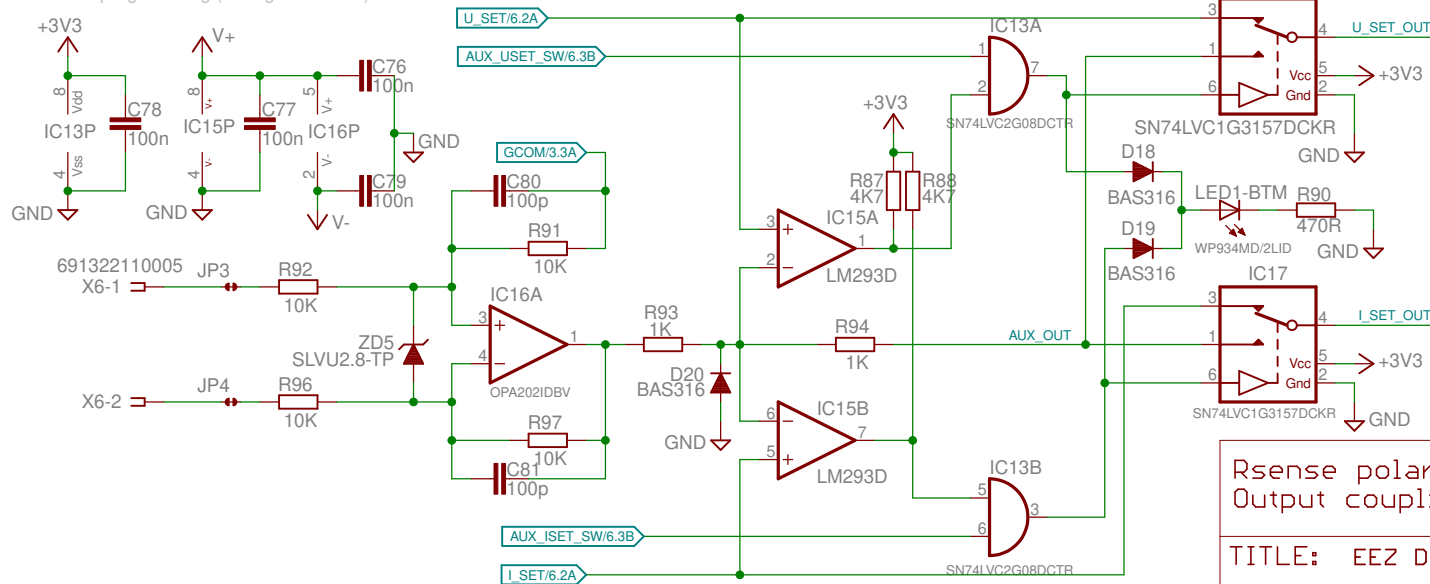
Power output section



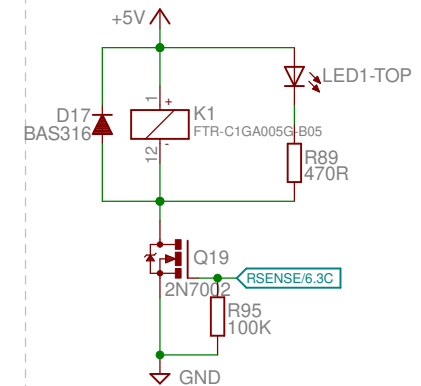
20-pin power socket

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-

Remote programming (Voltage / Current)



Remote sense selection



Rsense polarity protection, Rprog (Volt/Curr)
Output coupling, Rsense relay

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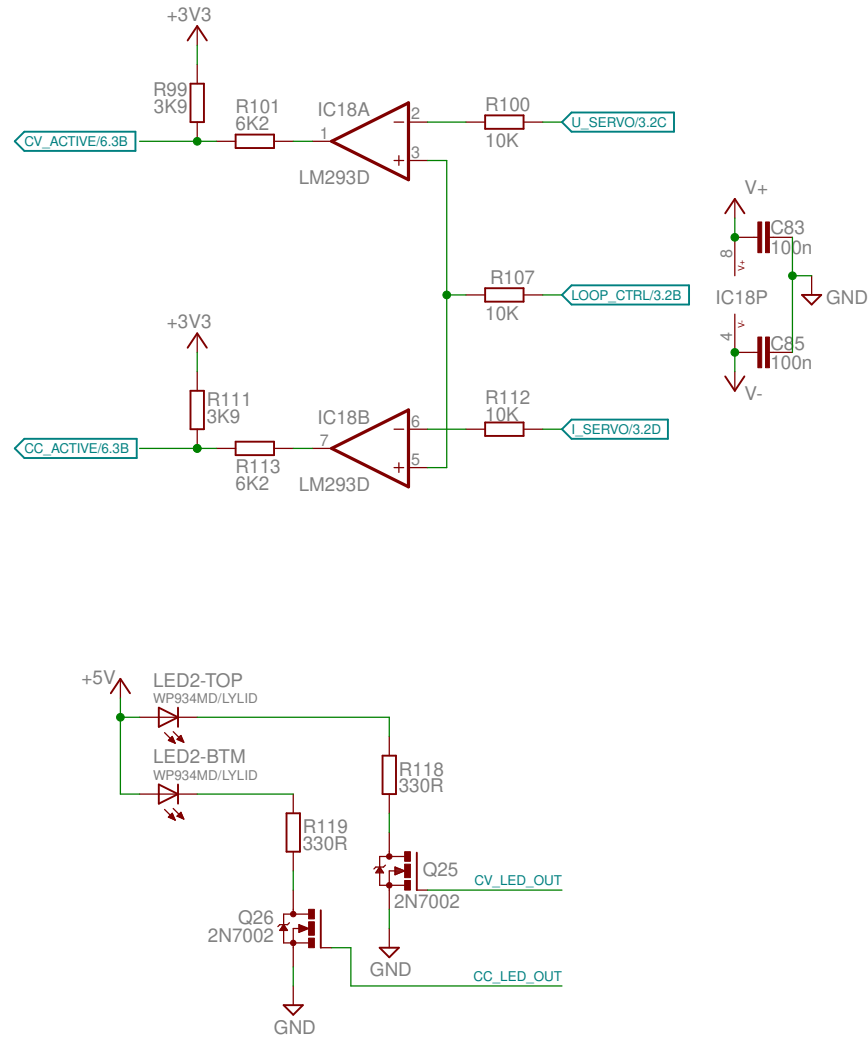
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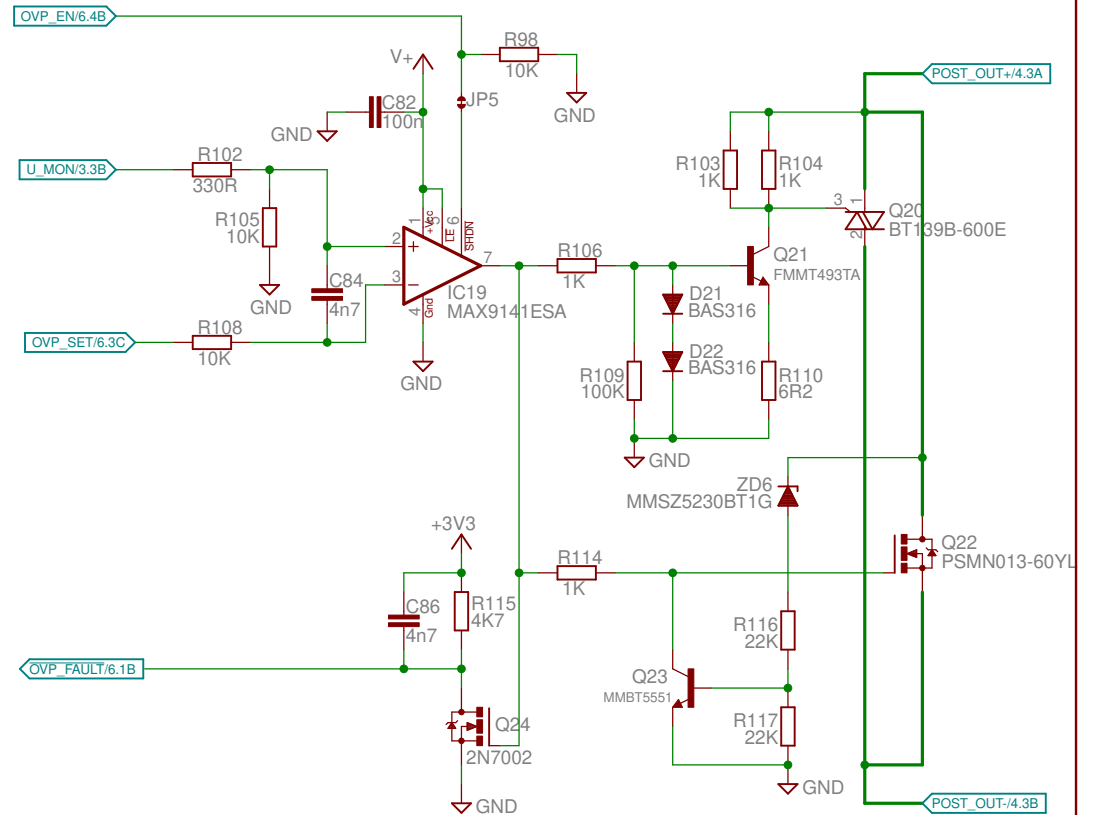
Date: 4.8.2021. 17:36

Sheet: 4/6

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



Over-voltage protection (OVP)



CC/CV mode detection and indication, HW OVP

TITLE: EEZ DIB DCP405 r4B1

Document Number:

REV:

Date: 4.8.2021. 17:36

Sheet: 5/6

