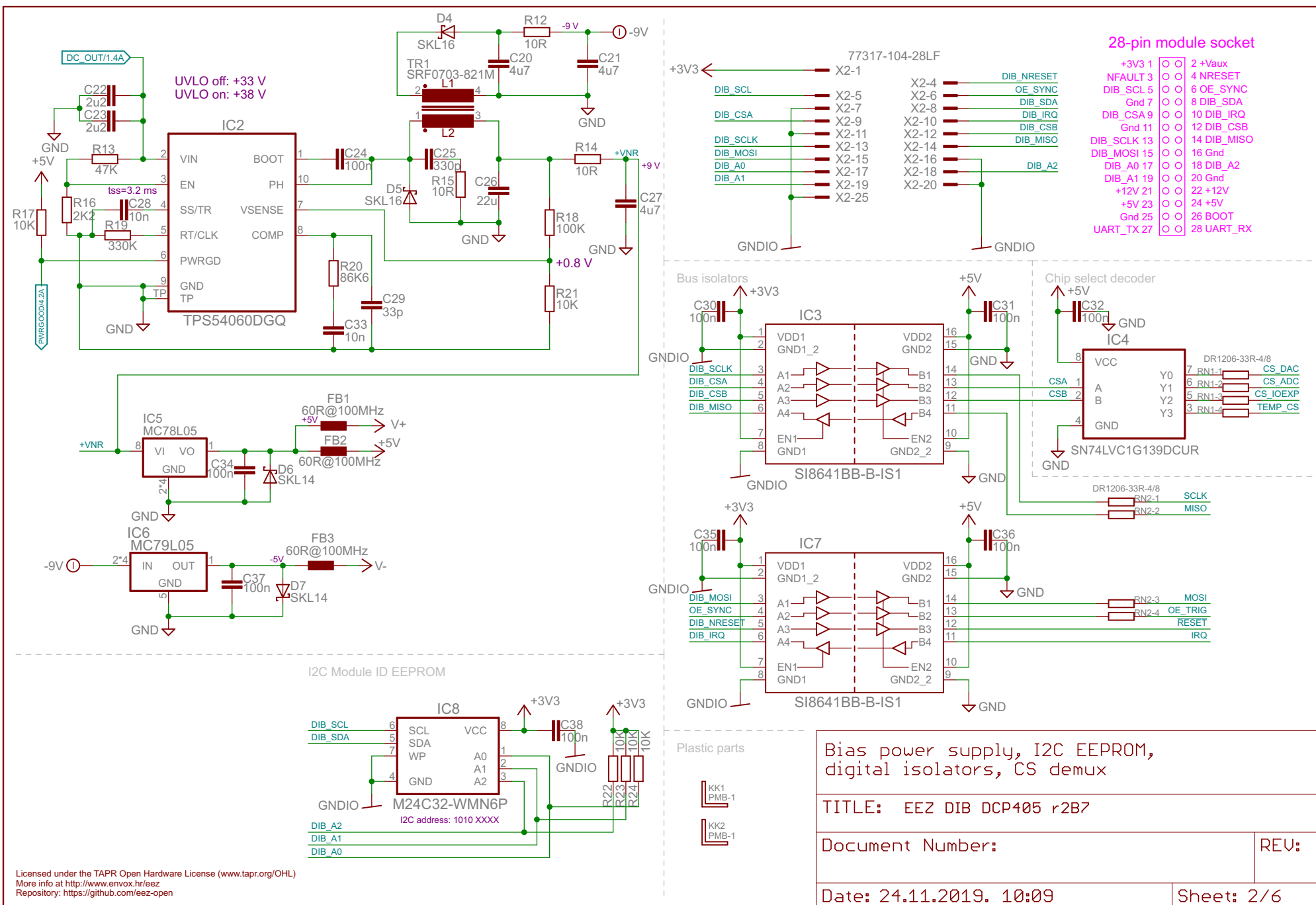
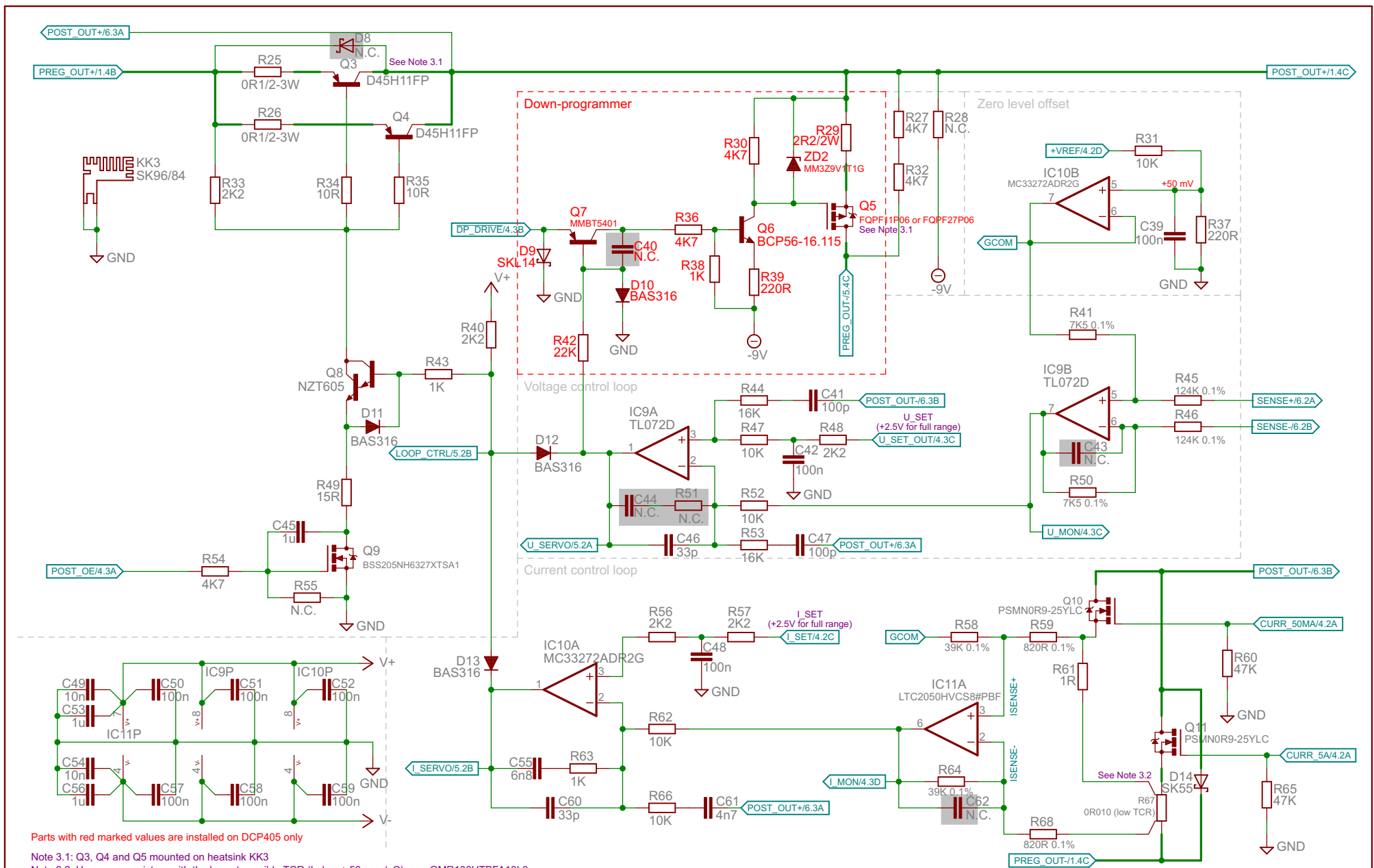


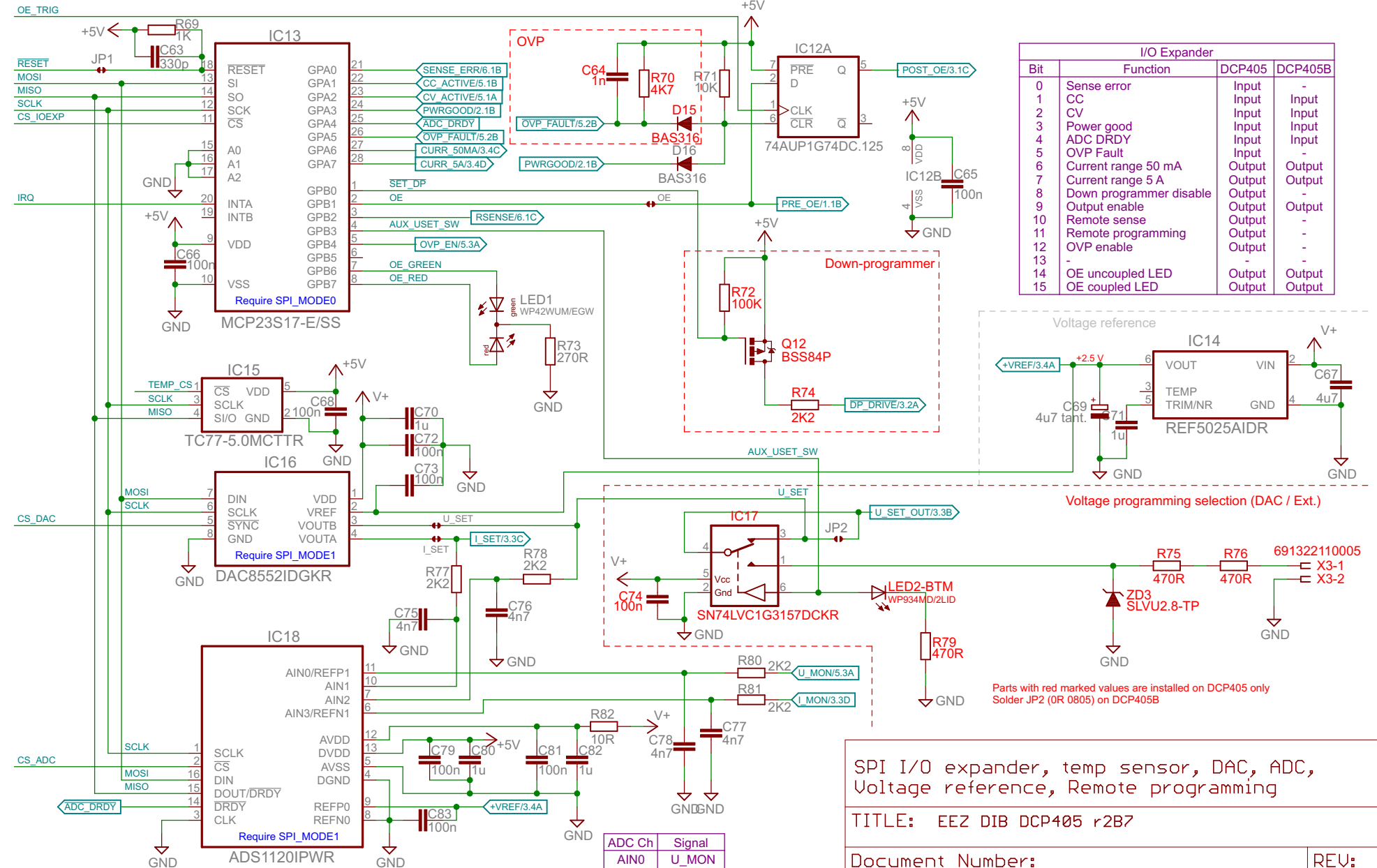


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More info at <http://www.envox.hr/eez>  
Repository: <https://github.com/eez-open>





# Digital control (SPI)



Parts with red marked values are installed on DCP405 only  
Solder JP2 (0R 0805) on DCP405B

SPI I/O expander, temp sensor, DAC, ADC, Voltage reference, Remote programming

TITLE: EEZ DIB DCP405 r2B7

Document Number:

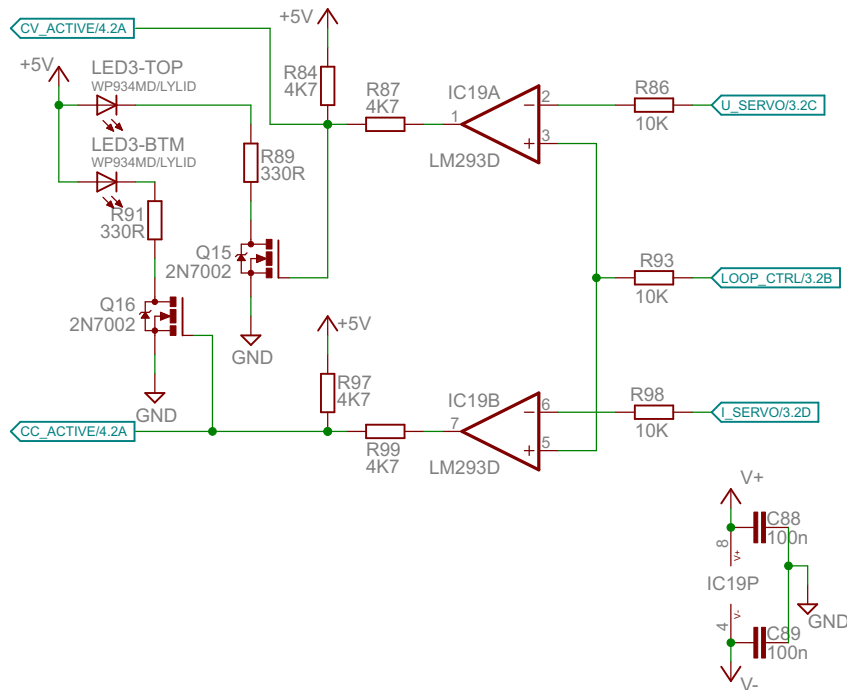
REV:

Date: 24.11.2019. 10:09

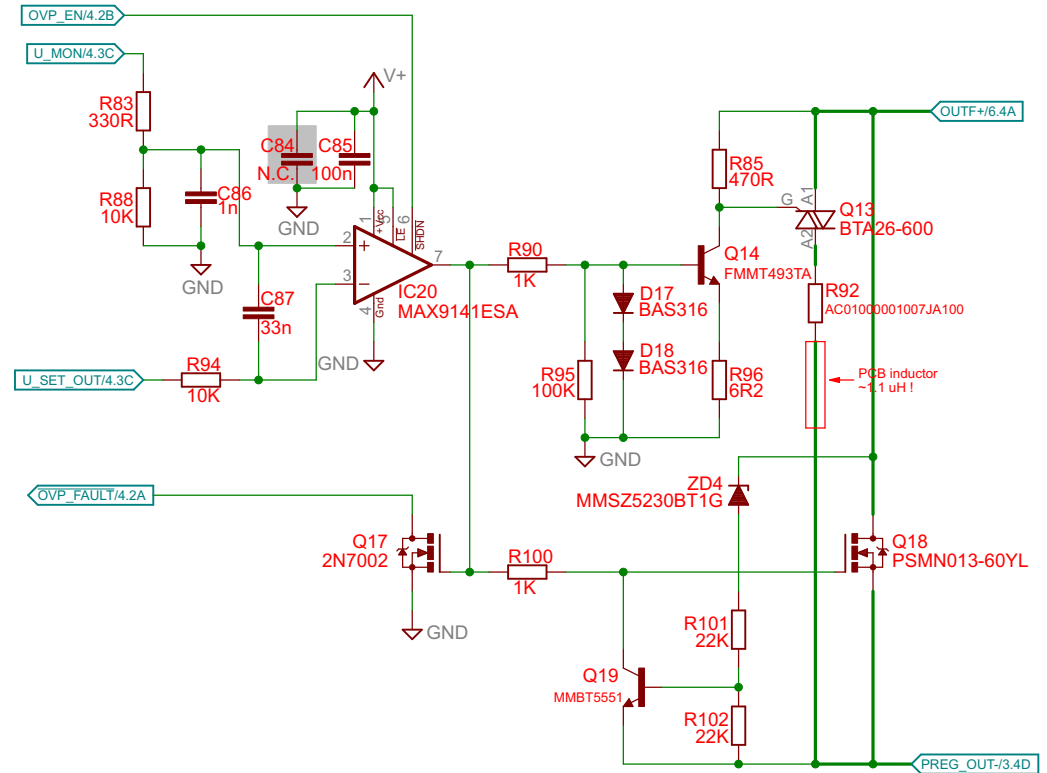
Sheet: 4/6

ADC Ch	Signal
AIN0	U_MON
AIN1	I_SET
AIN2	U_SET
AIN3	I_MON

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



## Over-voltage protection (OVP)



CC/CV mode detection and indication, OVP

TITLE: EEZ DIB DCP405 r2B7

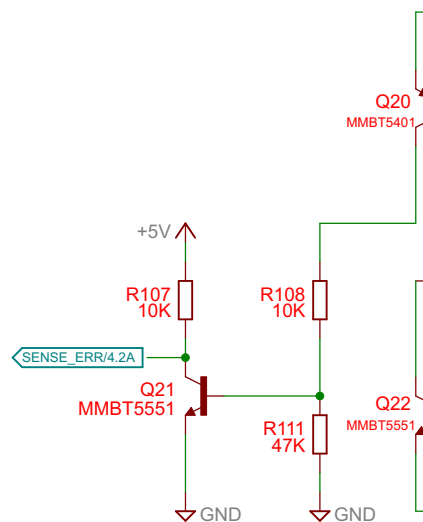
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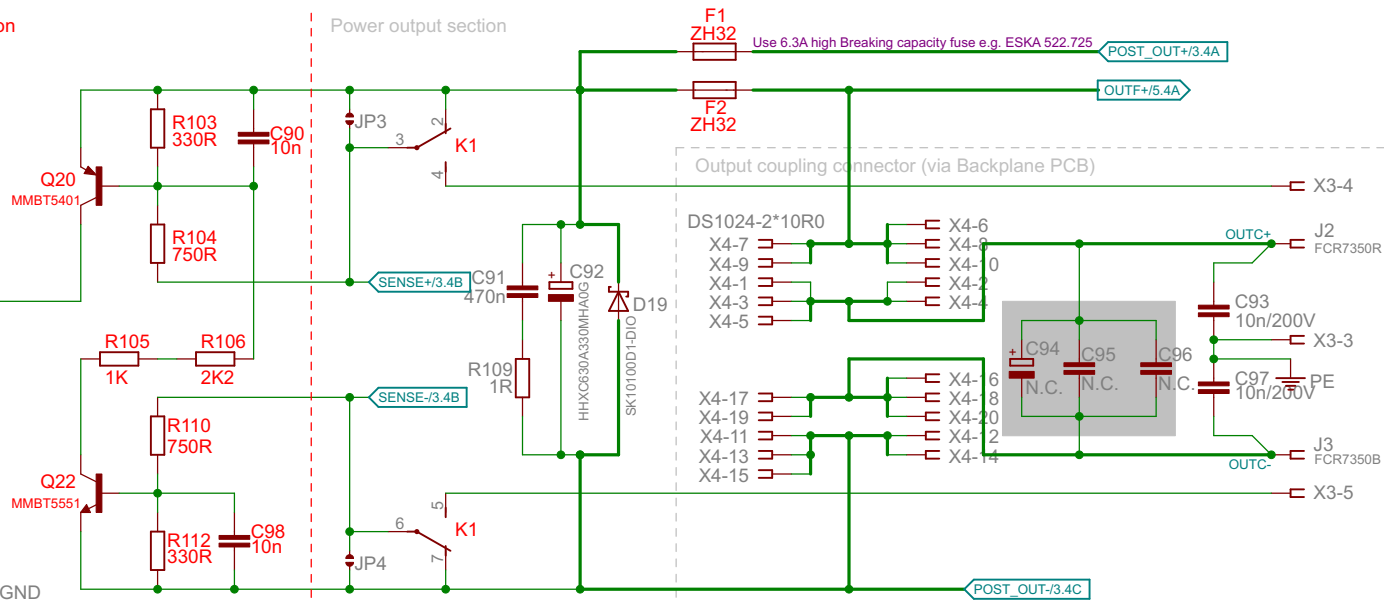
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Sheet: 5/6

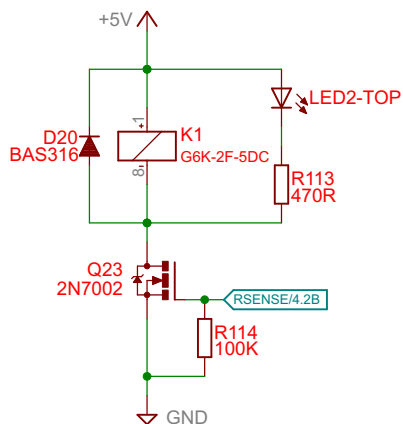
## Remote sense reverse polarity detection



## Power output section



## Remote sense selection



## 20-pin power socket

OUTC+ 1	2 OUTC+
OUTC+ 3	4 OUTC+
OUTC+ 5	6 POST_OUT+ (fused)
POST_OUT+ (fused) 7	8 POST_OUT+ (fused)
POST_OUT+ (fused) 9	10 POST_OUT+ (fused)
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-

Rsense polarity protection  
Output coupling, Rsense relay

TITLE: EEZ DIB DCP405 r2B7

Document Number:

REV:

Date: 24.11.2019. 10:09

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