

Bias power supply with SMPS pre-regulator

TITLE: EEZ PSU consolidated r5B11

Document Number:

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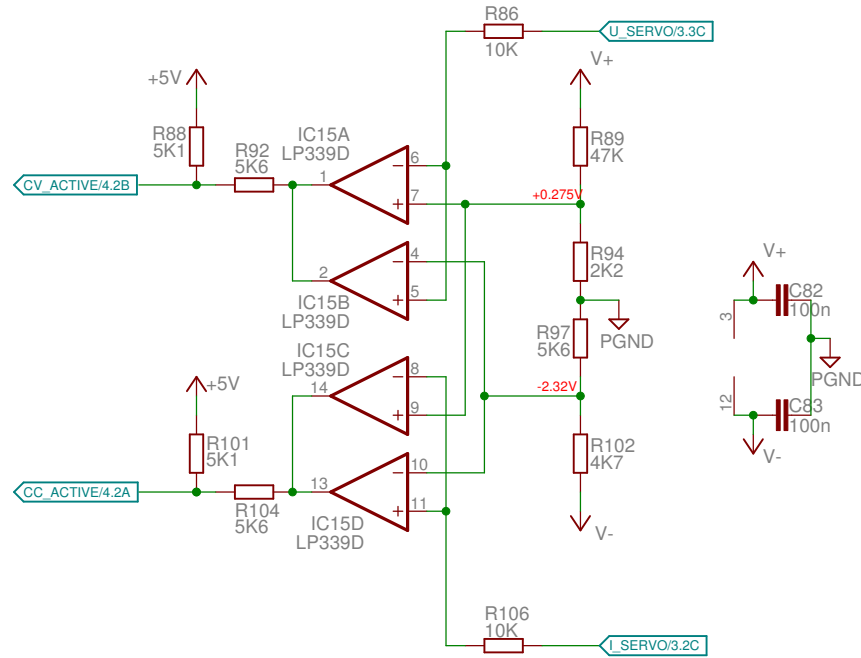
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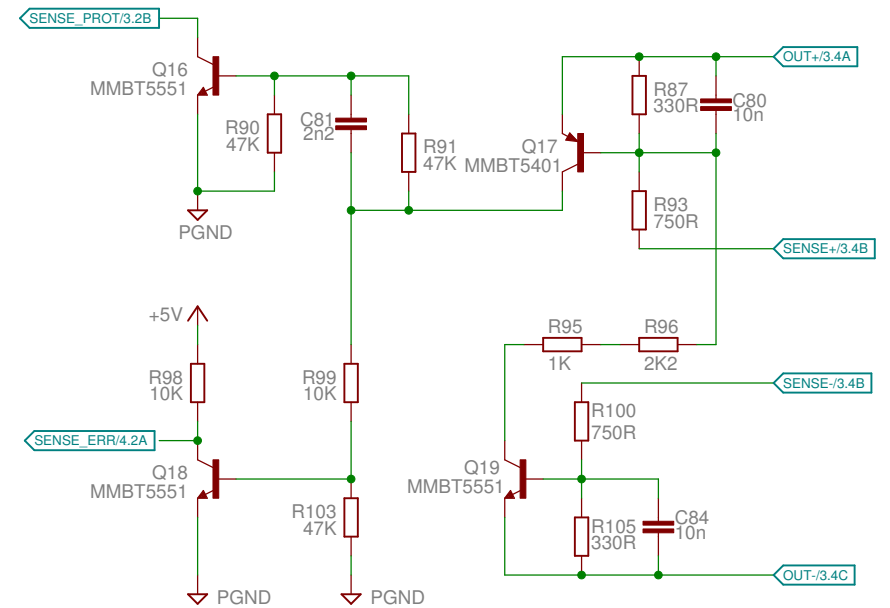




# Constant Voltage (CV) and Constant Current (CC) mode indicator



## Remote sense reverse polarity detection



CC/CV indicators, Sense error detection

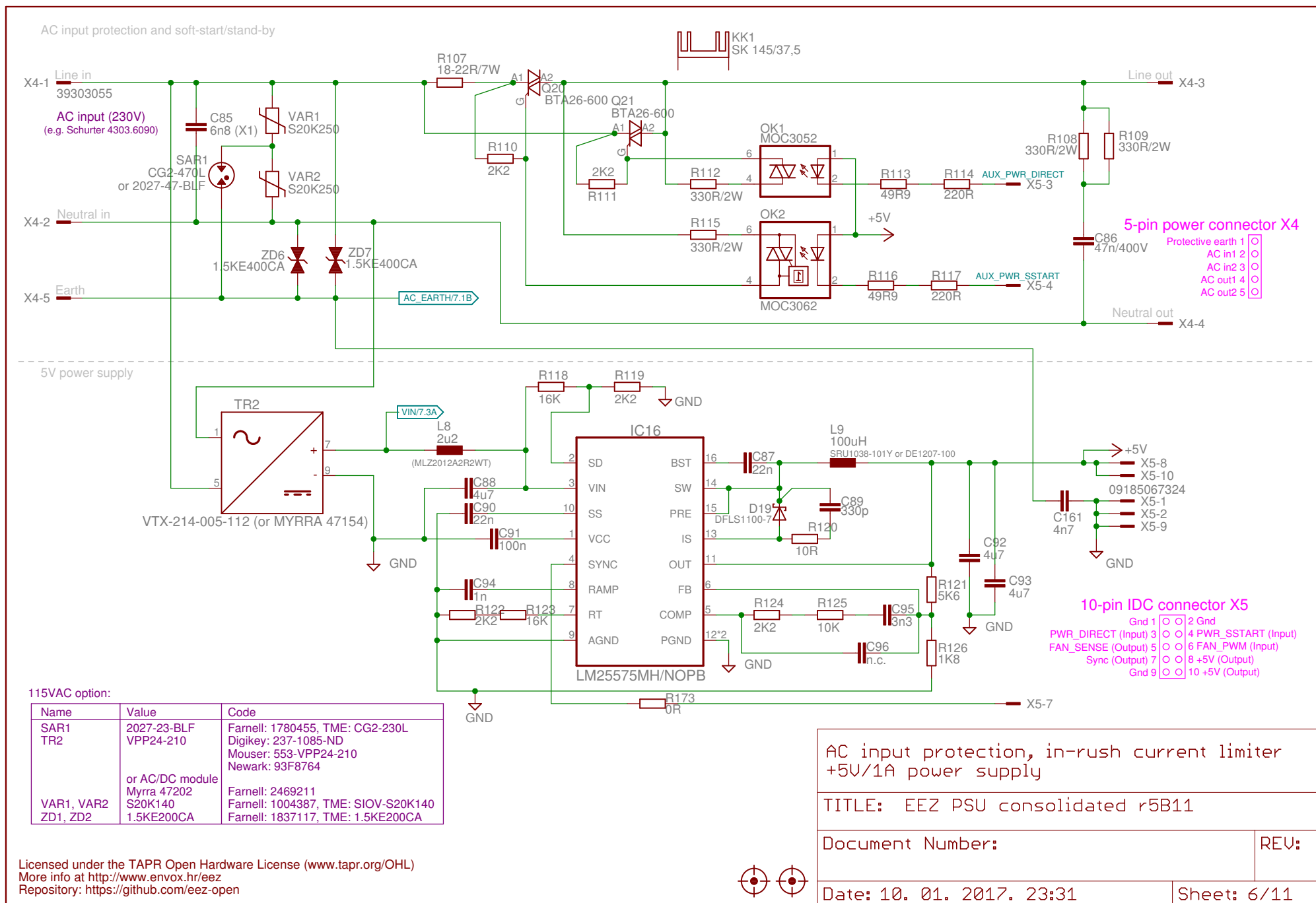
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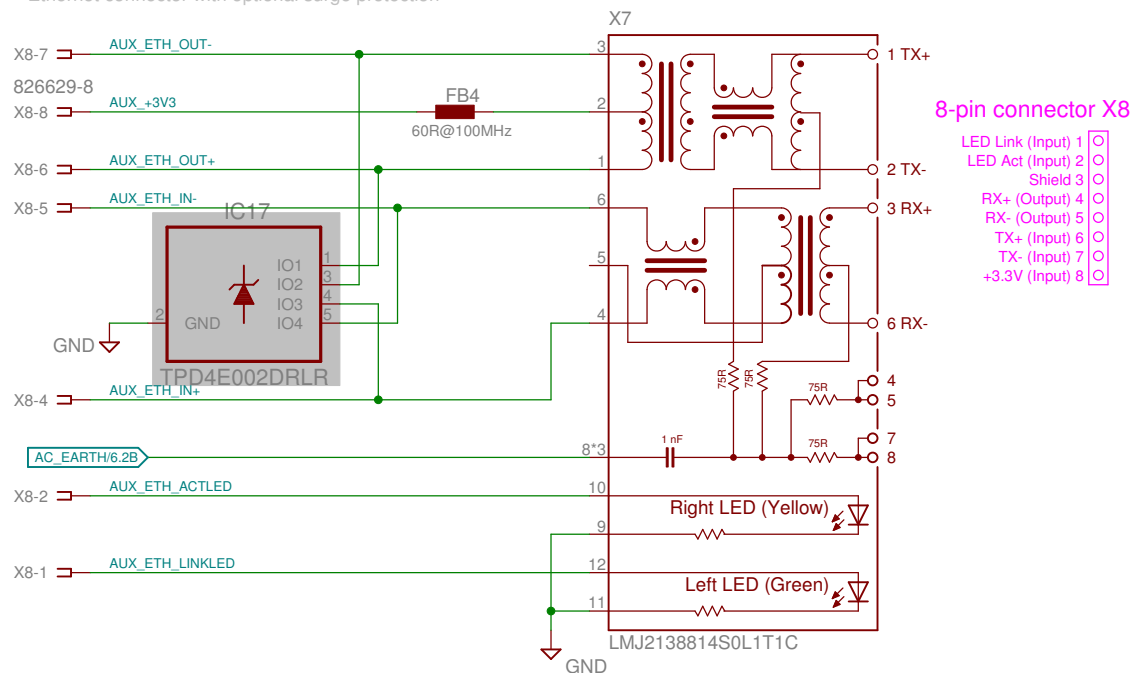
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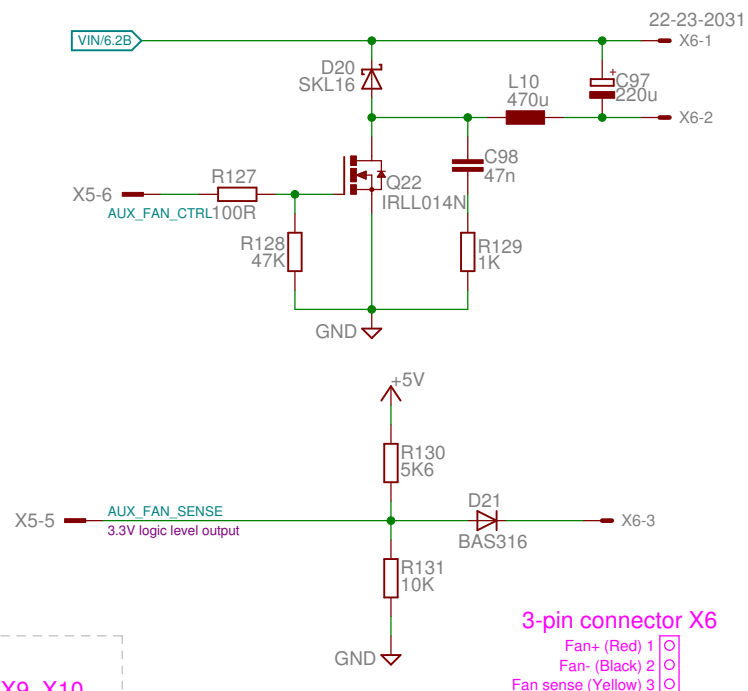
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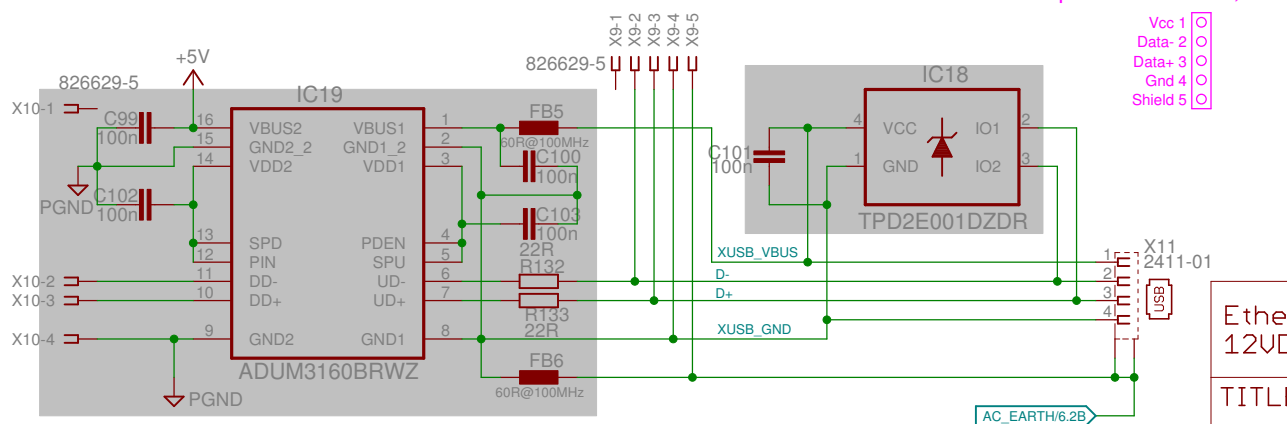
# Ethernet connector with optional surge protection



# 12VDC fan control



# USB connector with optional isolator and surge protection



Note 7.1: Mount X4 and X8 on the opposite (top) side of the PCB. Use 14 mm (e.g. Bossard B3X14/BN3320) for enclosure with 3 mm rear panel

Ethernet and USB PCB connectors  
12VDC fan driver (max. 300 mA)

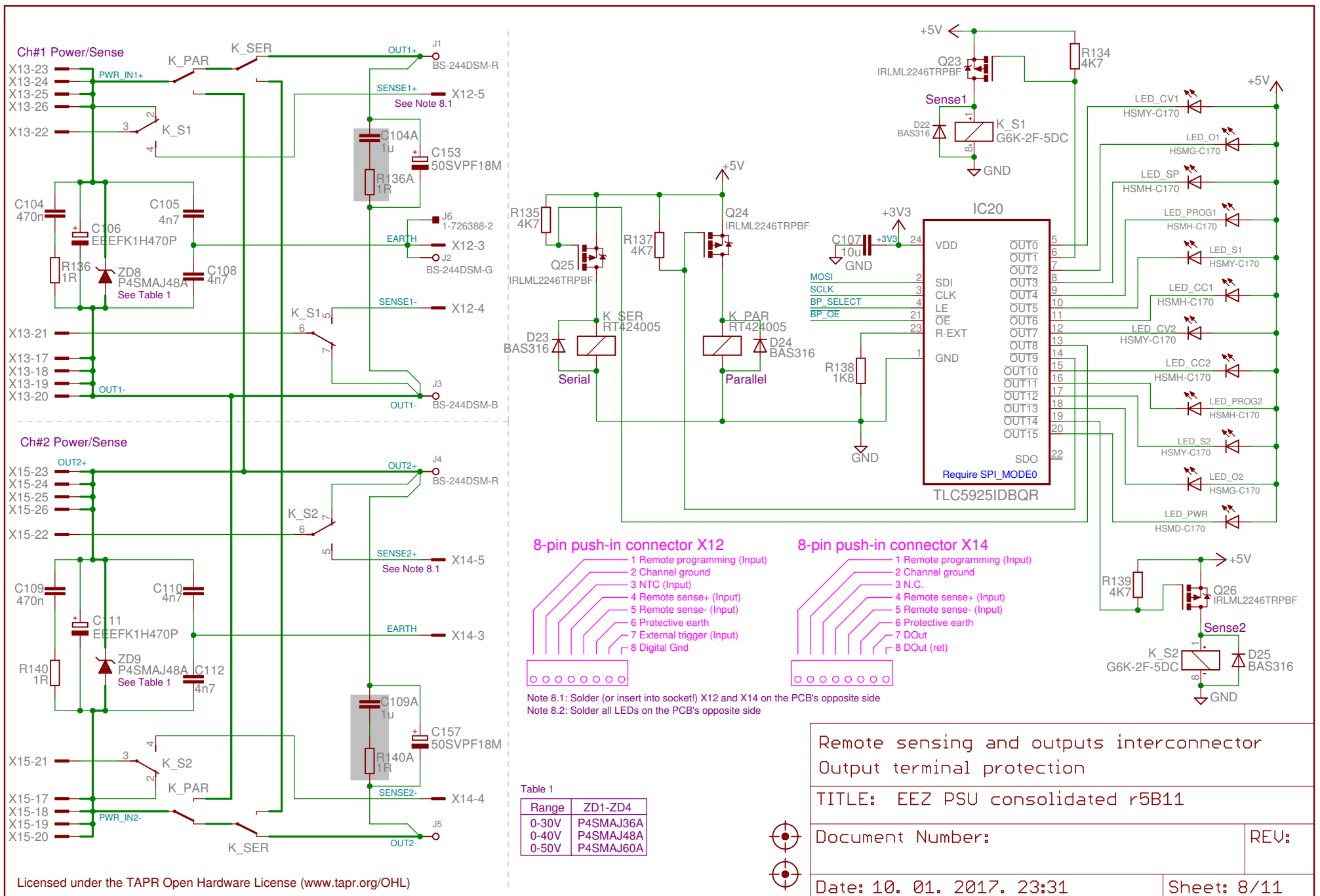
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Remote sensing and outputs interconnector  
Output terminal protection

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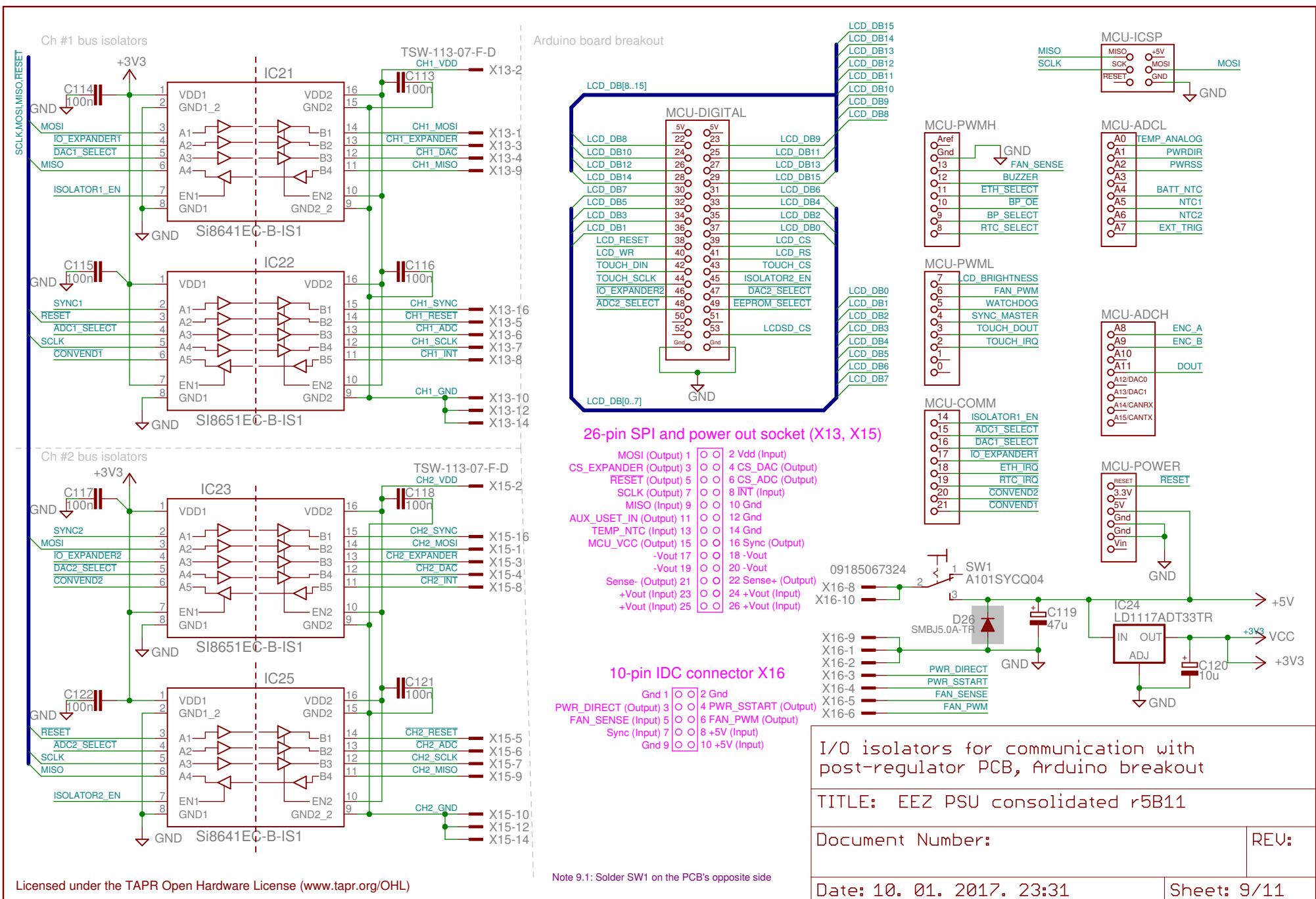
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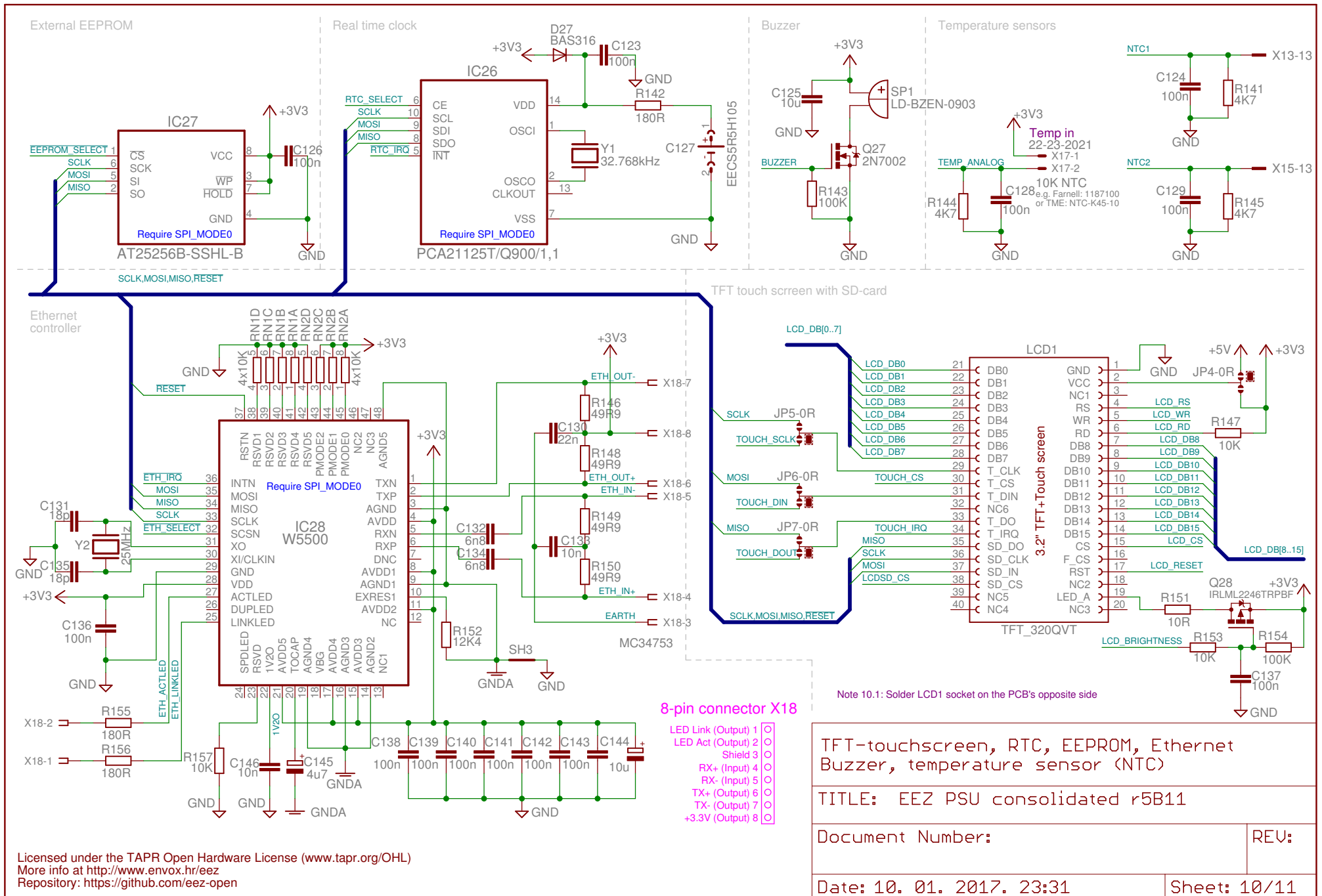
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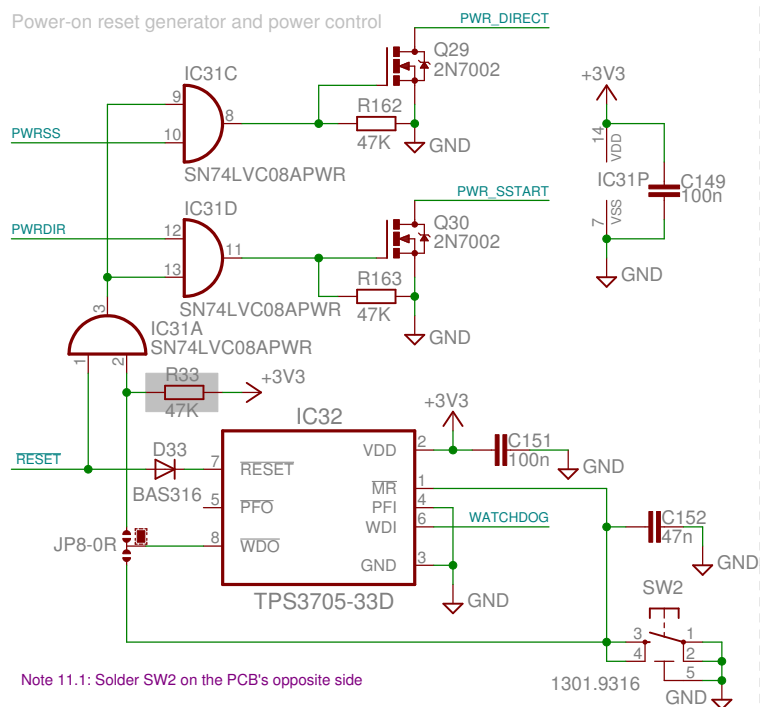




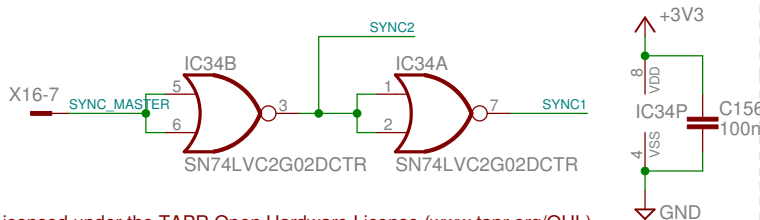
# Remote programming inputs



# Power-on reset generator and power control

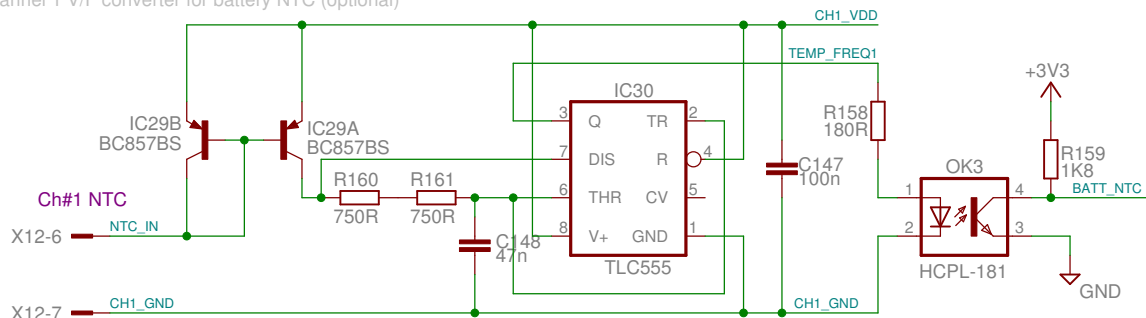


# Master sync signal phase shifting

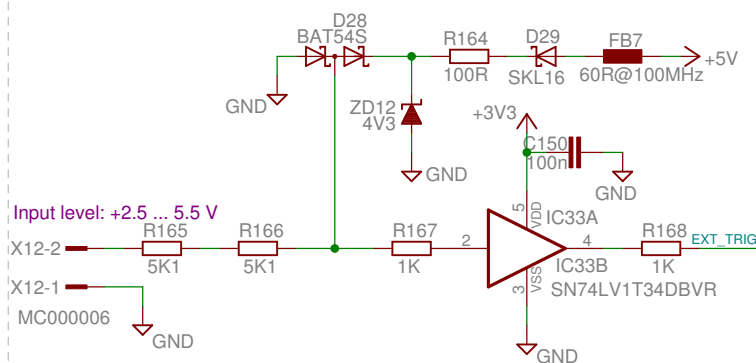


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More info at <http://www.envox.hr/eez>  
Repository: <https://github.com/eez-open>

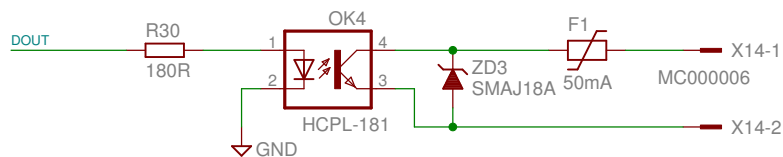
# Channel 1 V/F converter for battery NTC (optional)



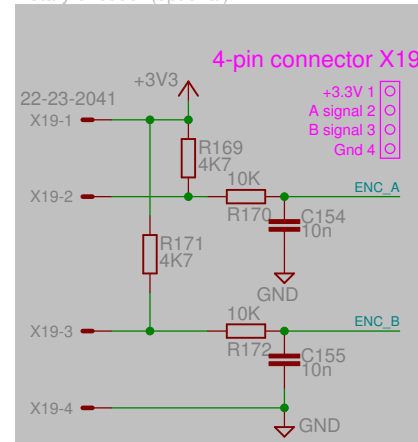
# External trigger protection and level shifter/buffer



# Opto-isolated digital output



# Rotary encoder (optional)



Reset control, soft-start driver, encoder (optional)  
U/F converter for battery NTC, External trigger

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