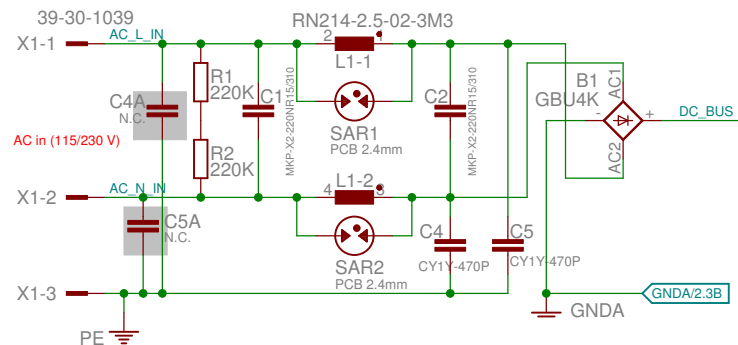
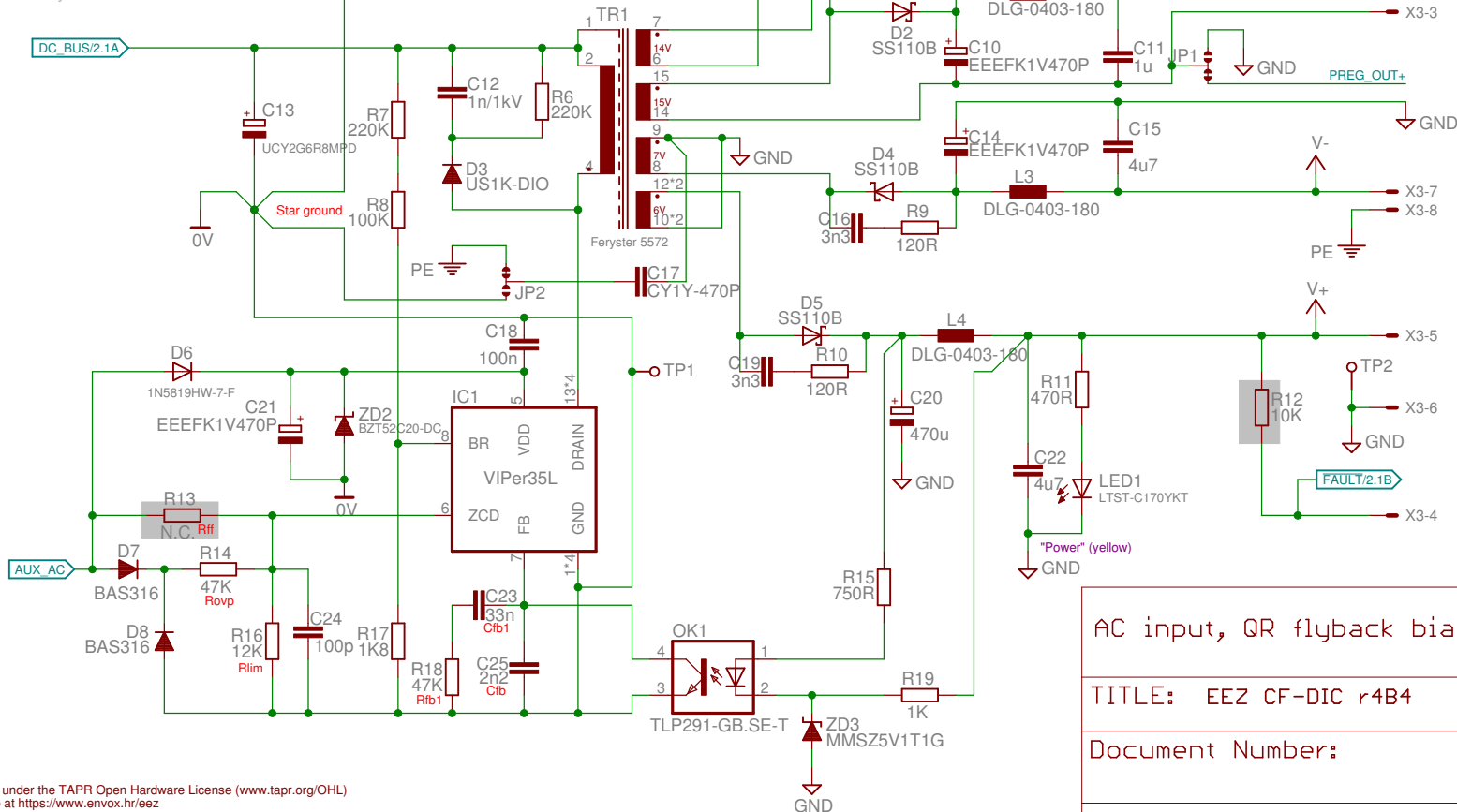


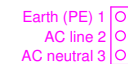
AC input



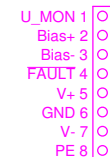
QR Flyback



X2 3-pin input connector



X3 8-pin output connector



AC input, QR flyback bias power supply

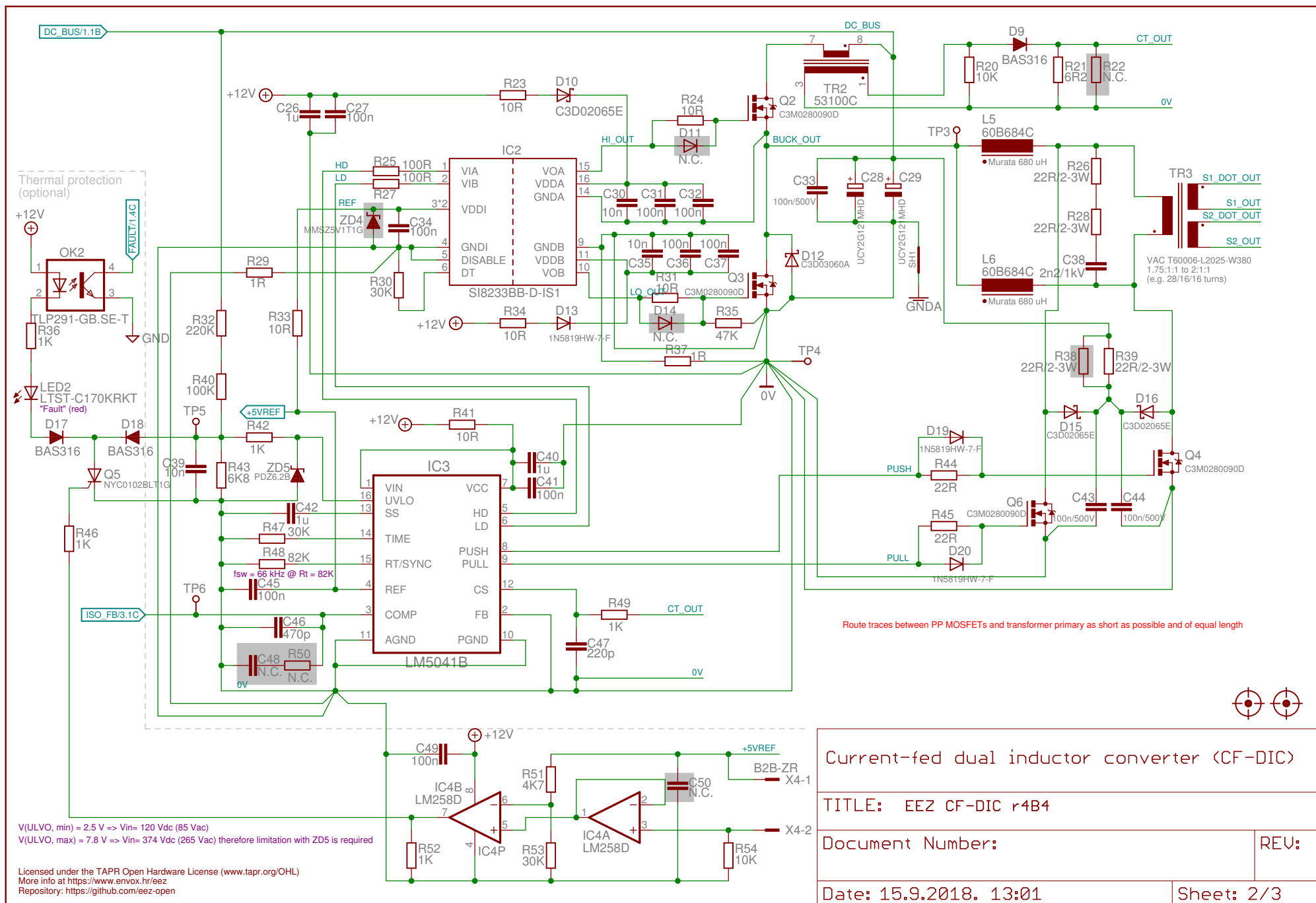
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Date: 15.9.2018. 13:01

Sheet: 1/3



Current-fed dual inductor converter (CF-DIC)

TITLE: EEZ CF-DIC r4B4

Document Number:

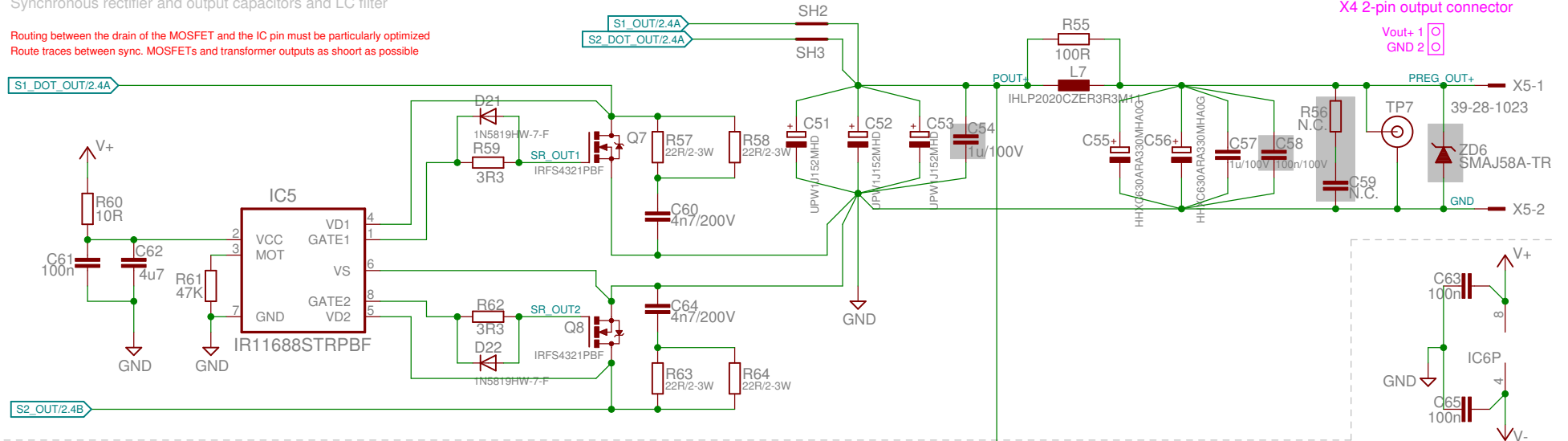
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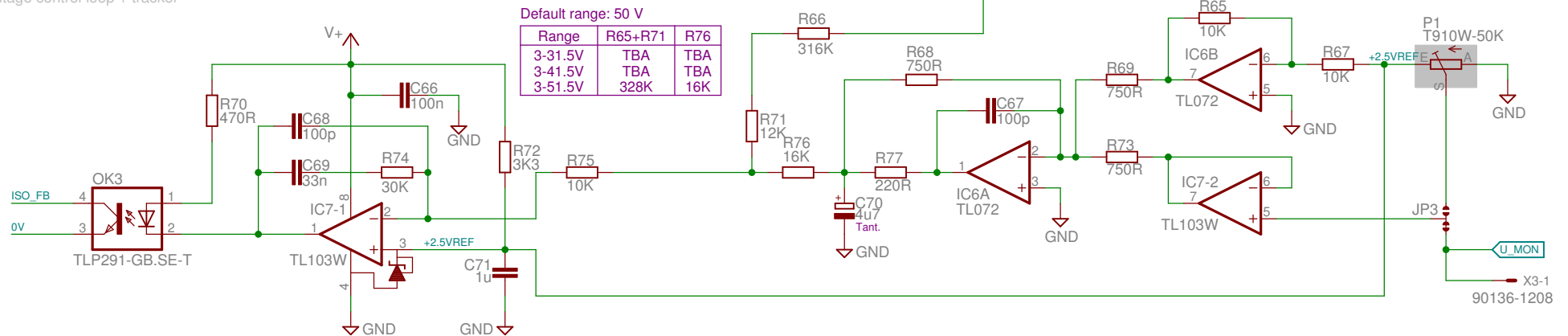
Sheet: 2/3

Synchronous rectifier and output capacitors and LC filter

Routing between the drain of the MOSFET and the IC pin must be particularly optimized
Route traces between sync. MOSFETs and transformer outputs as short as possible



Voltage control loop + tracker



CF-DIC secondary side: SR driver
NFB with Vout tracker

TITLE: EEZ CF-DIC r4B4

Document Number:

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Date: 15.9.2018. 13:01

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