

Note 1.1: Care must be taken to not exceed SOA limits

Note 1.2: Use additional mosfet if more output current is required or wants to remove stress from Q3

Note 1.3: C3 define mosfet switching off time

Note 1.4: Set to min. 78K for 0-3A or min. 240K for 0-5A range or replace with fixed value resistor (78K8 or 240K)

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

Mosfet pre-regulator and gate bias

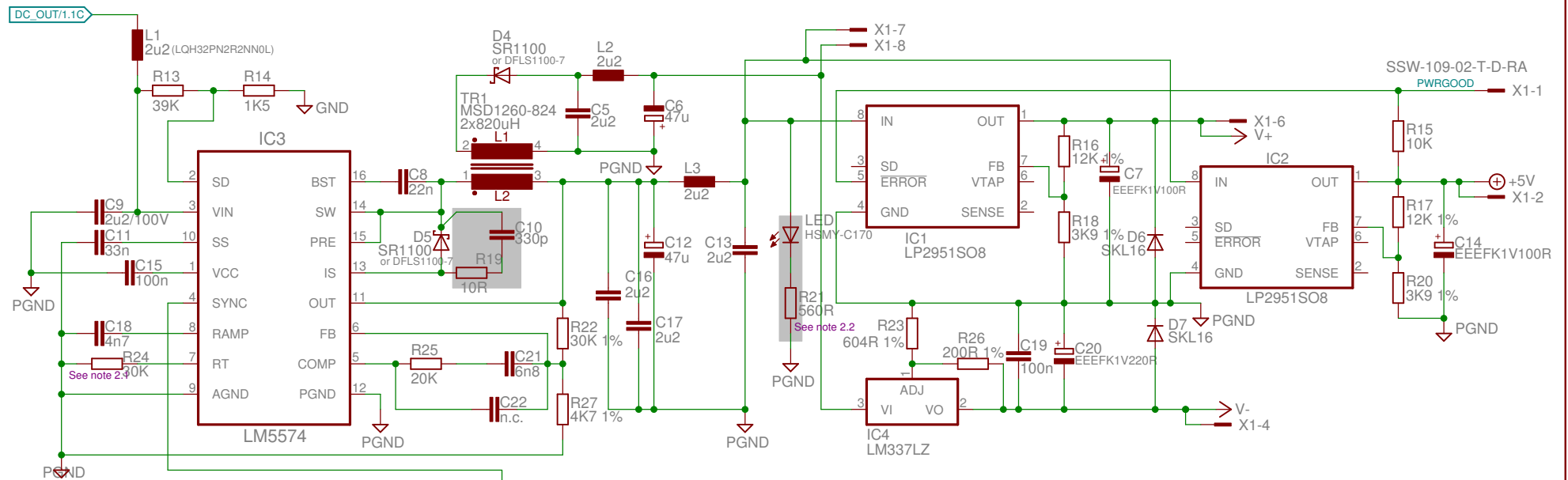
TITLE: EEZ Mosfet pre-regulator r3B3b

Document Number:

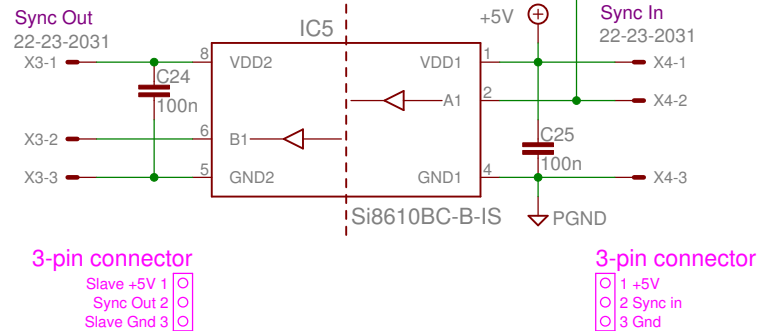
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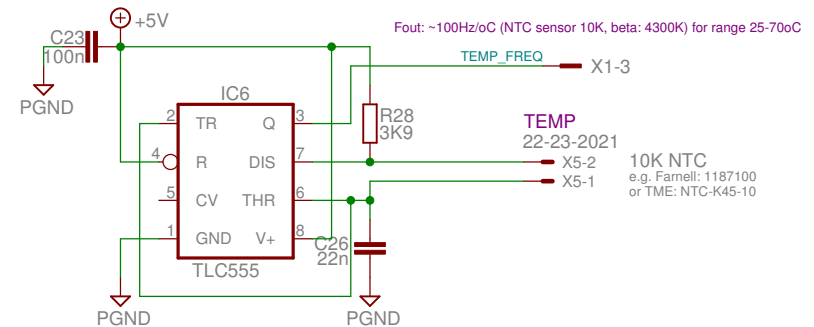
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SYNC isolator (optional)



V/F converter for temperature sensor (optional)



Note 2.1: replace with 33K or 36K (to decrease frequency) to become slave in multiple devices sync configuration
Note 2.2: recommended min. load on positive rail is 30mA. Use this LED as a dummy load if required.

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Bias power supply with SMPS pre-regulator
SMPS sync, temp V/F converter

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