

The compensation capacitor should be a solid or "polymer" electrolytic type such as the Panasonic ZA hybrid series to preserve stable ESR overtemperature. Conventional, or "wet", electrolytic capacitors should be avoided as their ESR increases dramatically at low temperature.

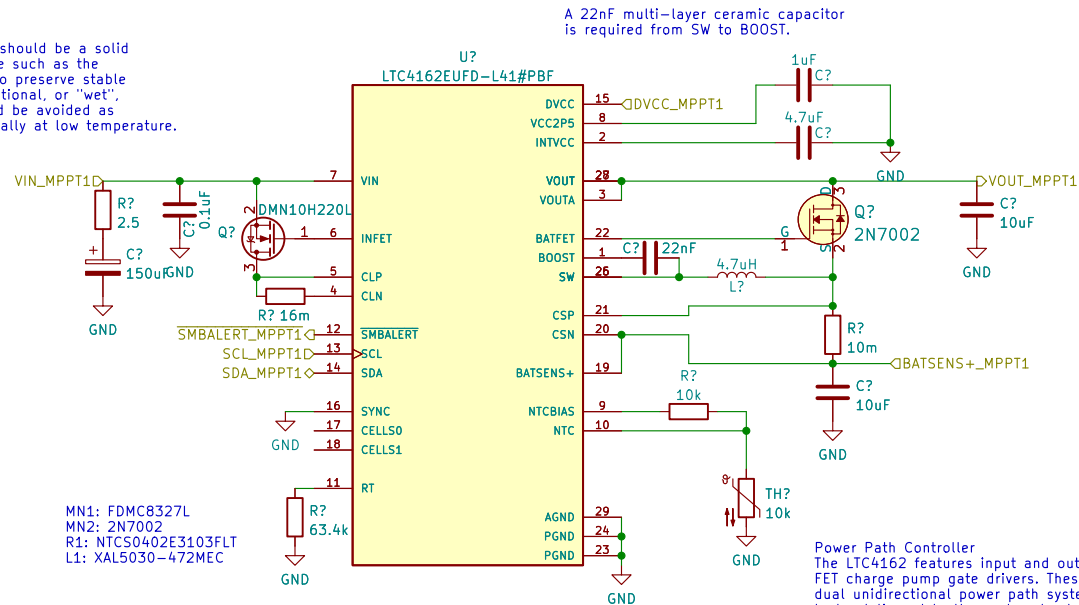


Table 5. CELLS0 and CELLS1 Pin Mapping to Series Cell Count

CELLS1	CELLS0	cell_count
INTV _{CC}	INTV _{CC}	1
INTV _{CC}	VCC2P5	2
INTV _{CC}	GND	3
VCC2P5	INTV _{CC}	4
VCC2P5	VCC2P5	5
VCC2P5	GND	6
GND	INTV _{CC}	7
GND	VCC2P5	8

Figure 5 shows an example of a proper Kelvin connection to the current sense resistors.



Figure 5. Kelvin Current Sensing with an 0805 Resistor.

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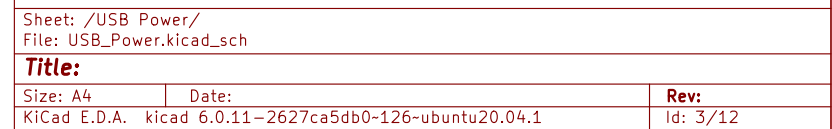
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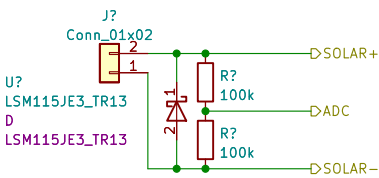
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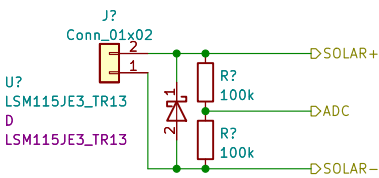
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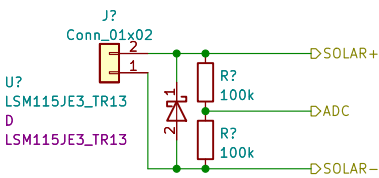
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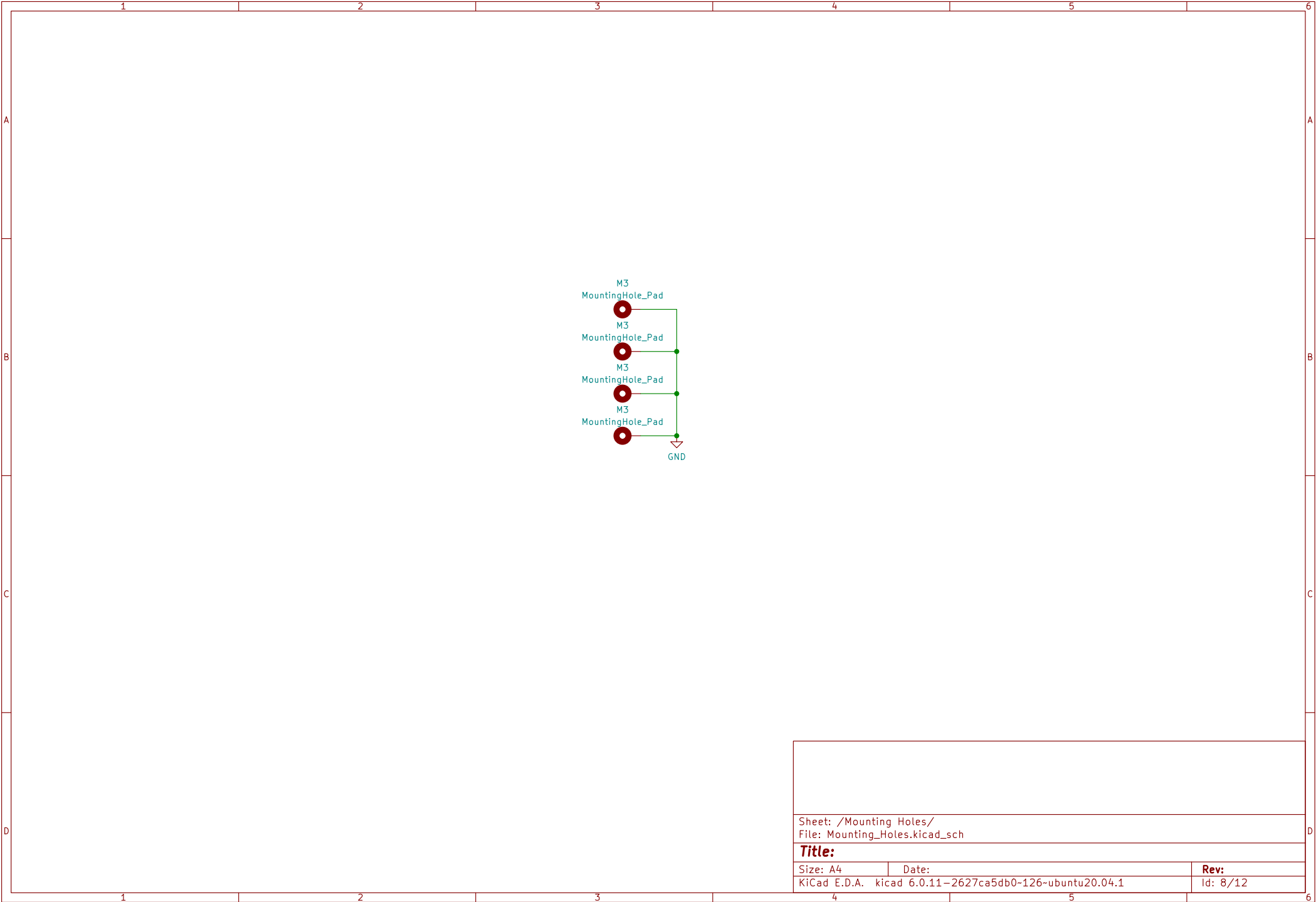
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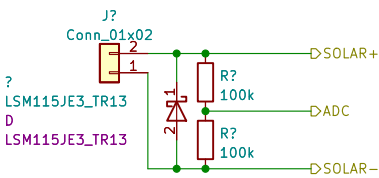
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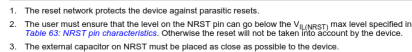
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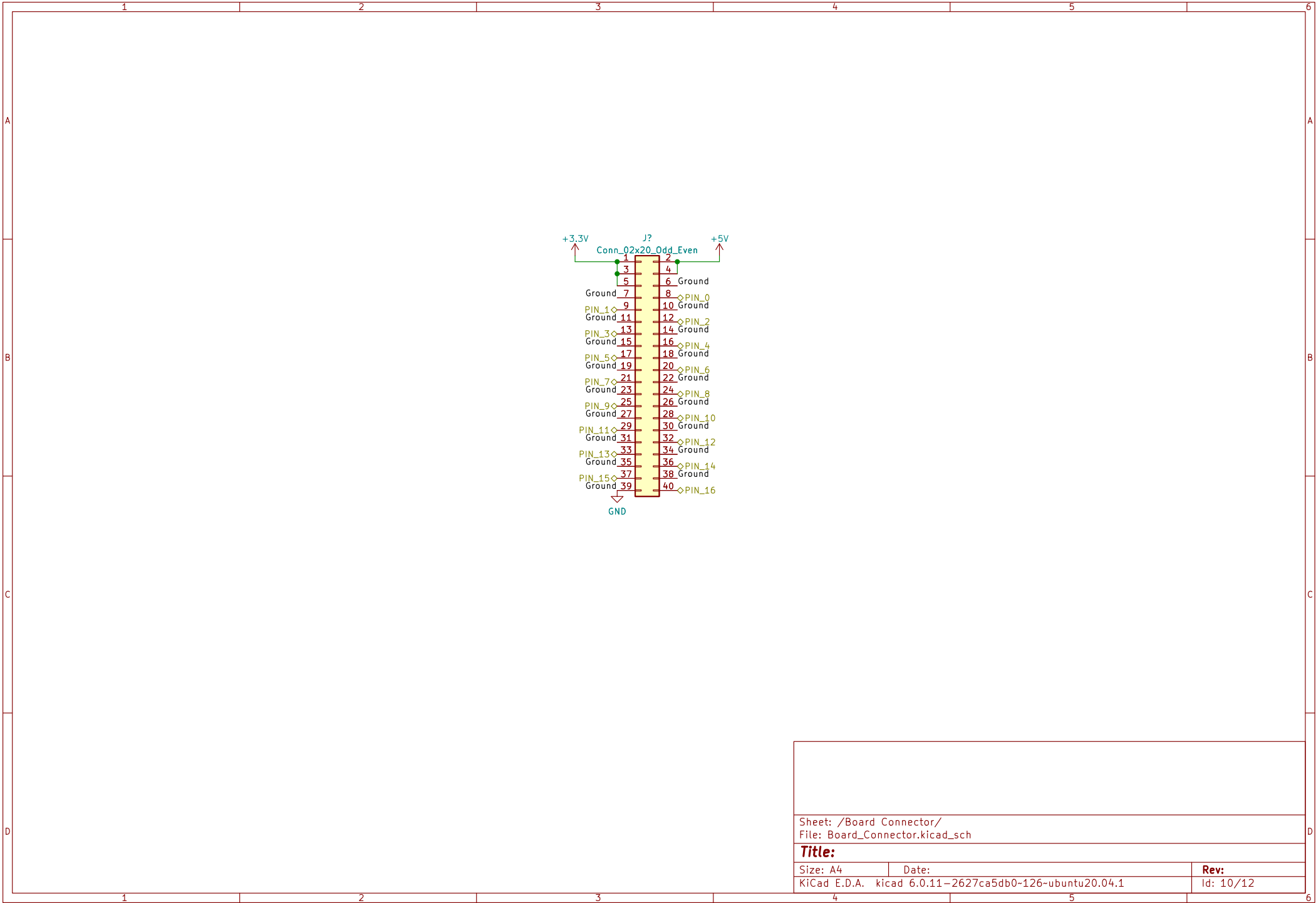
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Caution:





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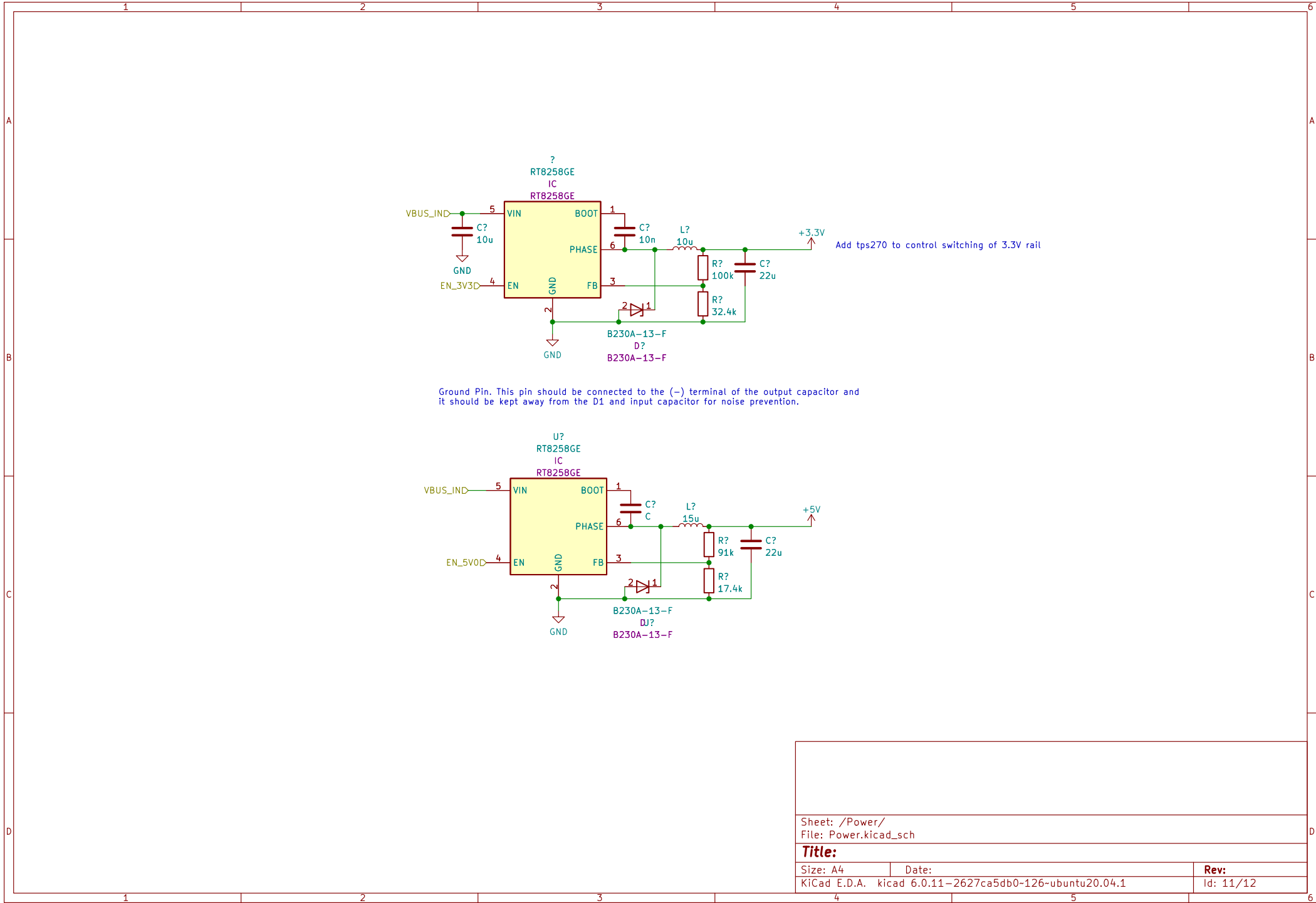
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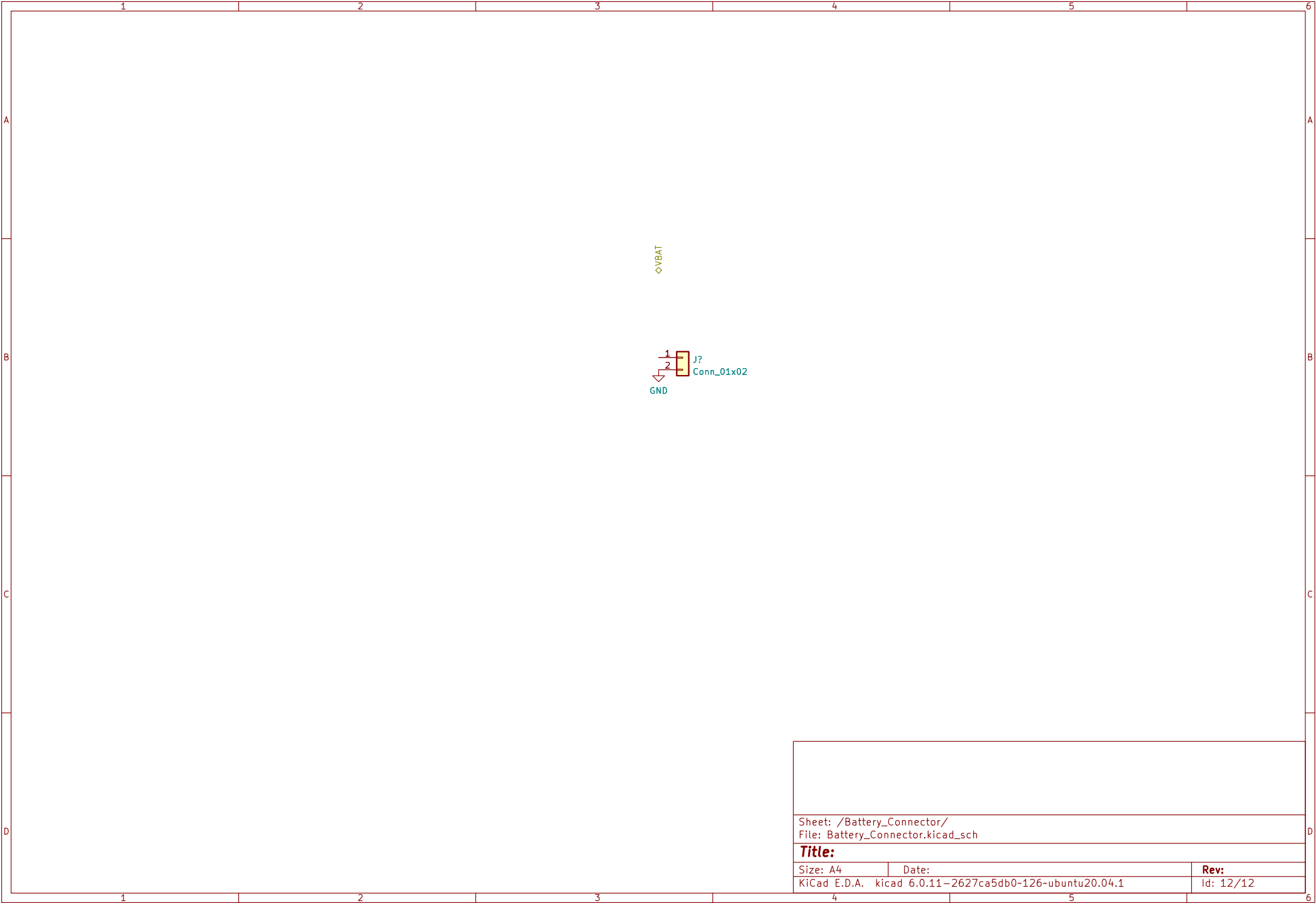
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