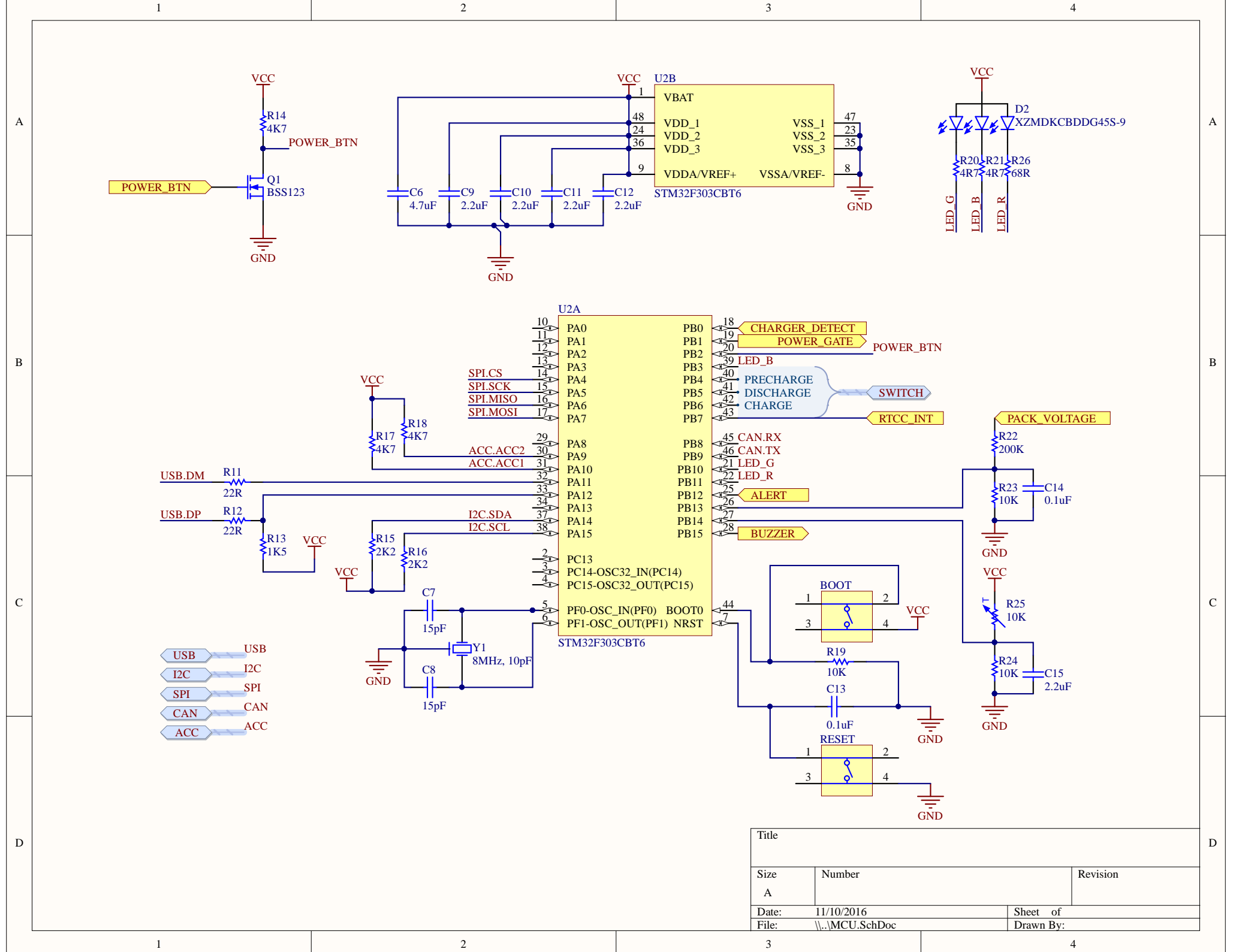
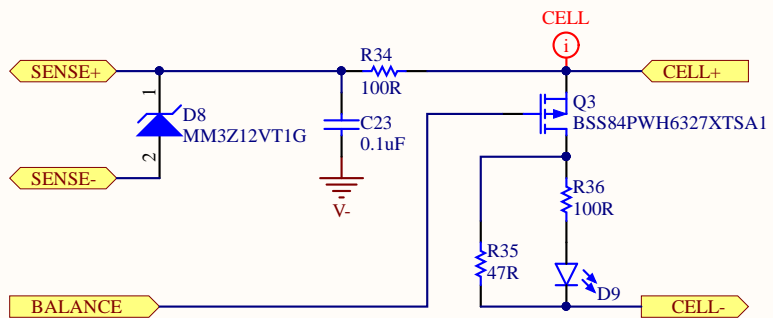
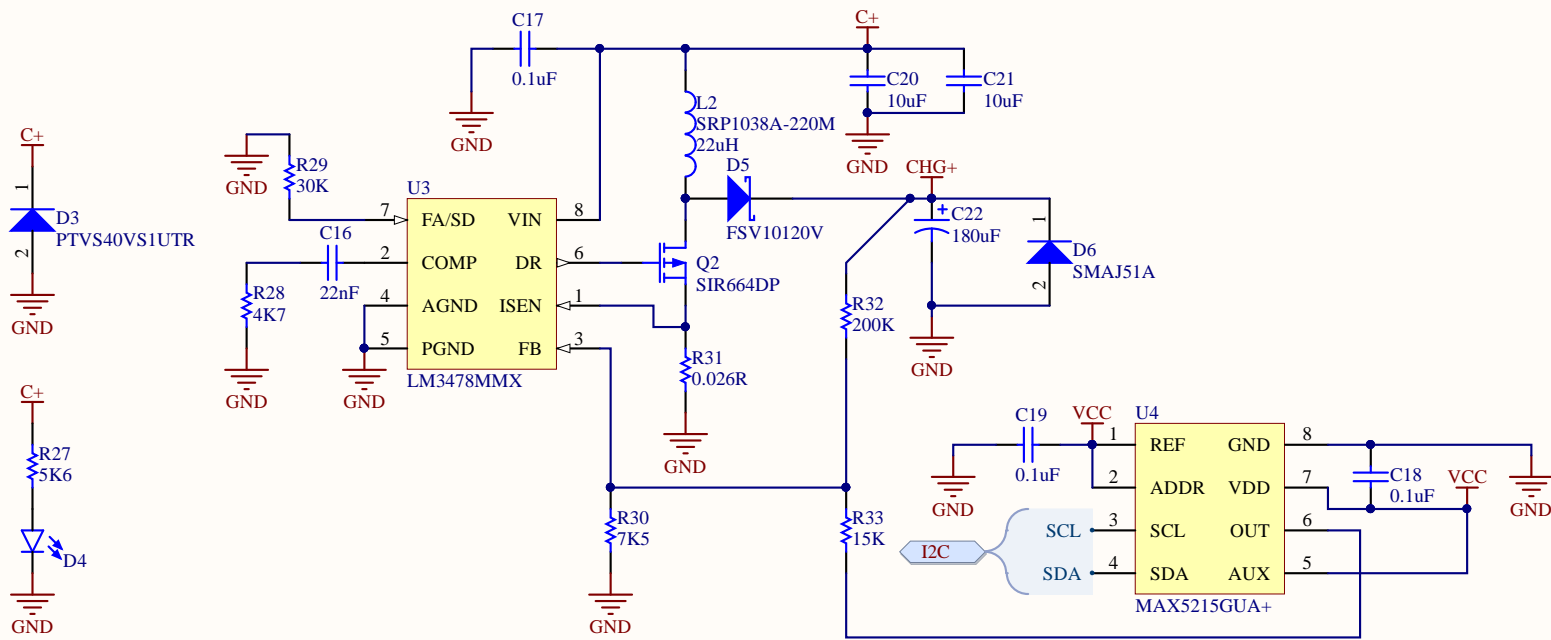


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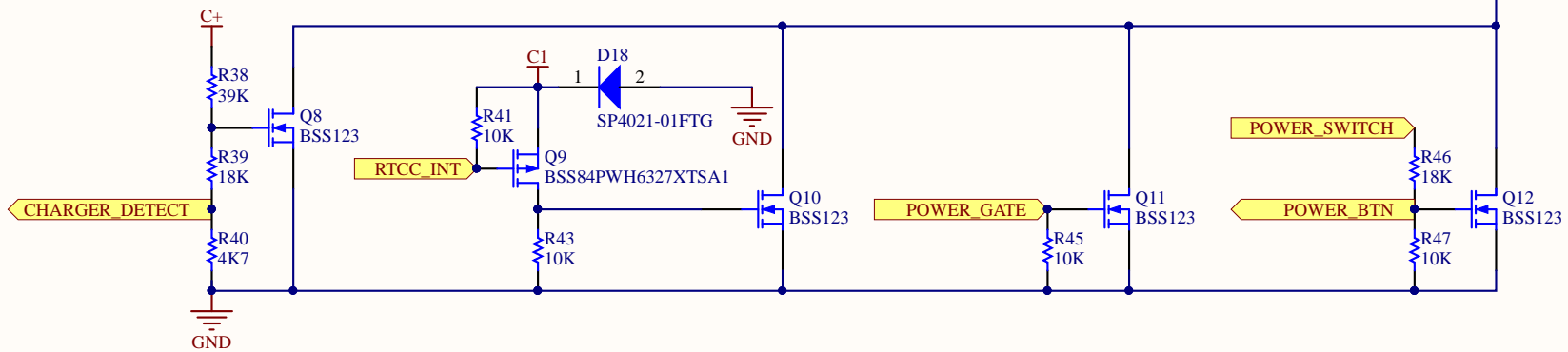
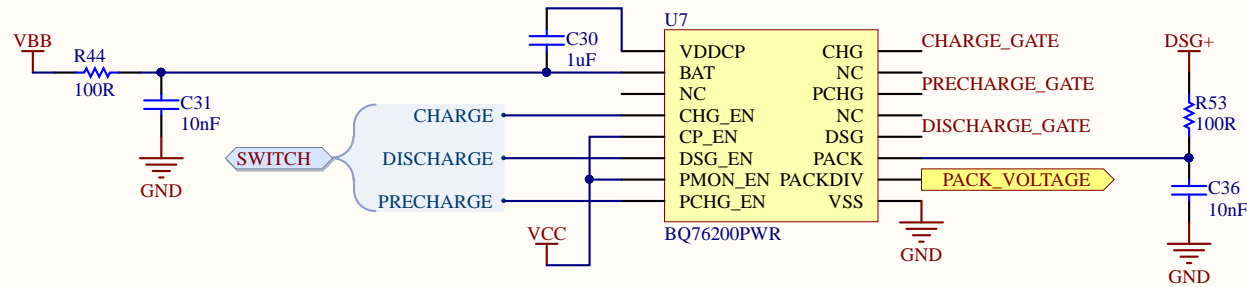
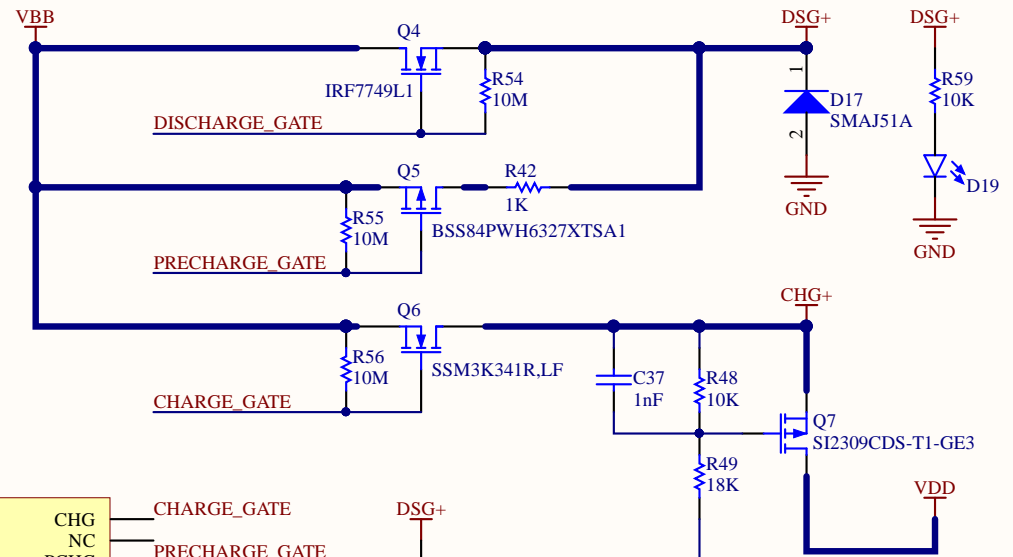
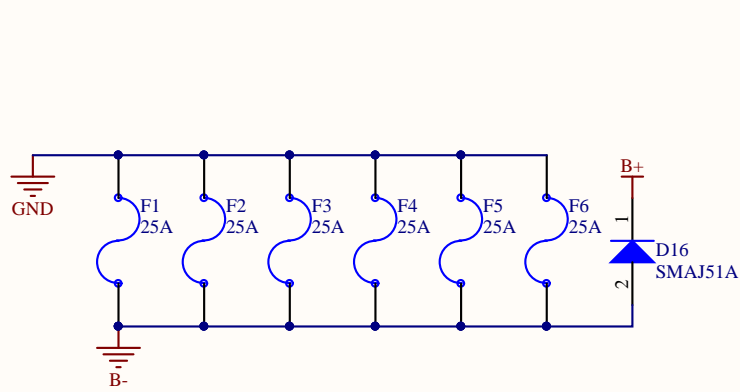
$$V_{out} = 1.26V(1 + 200K\Omega/7.5K\Omega + 200K\Omega/15K\Omega) - V_{dac}(200K\Omega/15K\Omega)$$

$$V_{dac} = 3.3V * n / 16383, 0 \leq n \leq 16383$$

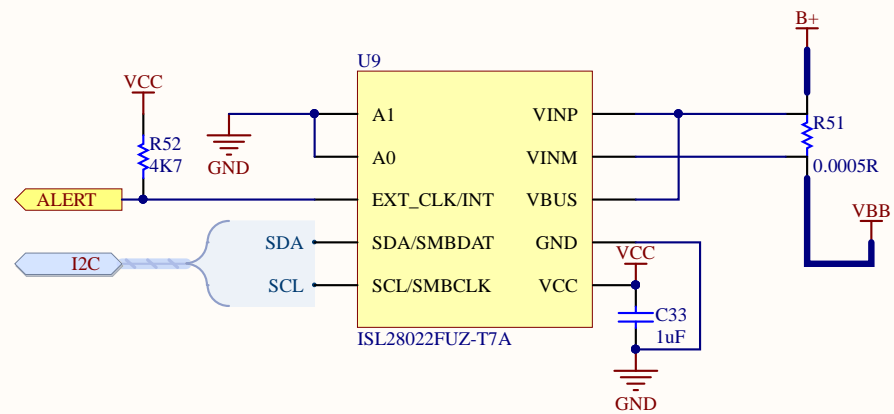
$$V_{dac} = 0V \rightarrow V_{out} = 51.66V$$

$$V_{dac} = 3.3V \rightarrow V_{out} = 7.66V$$

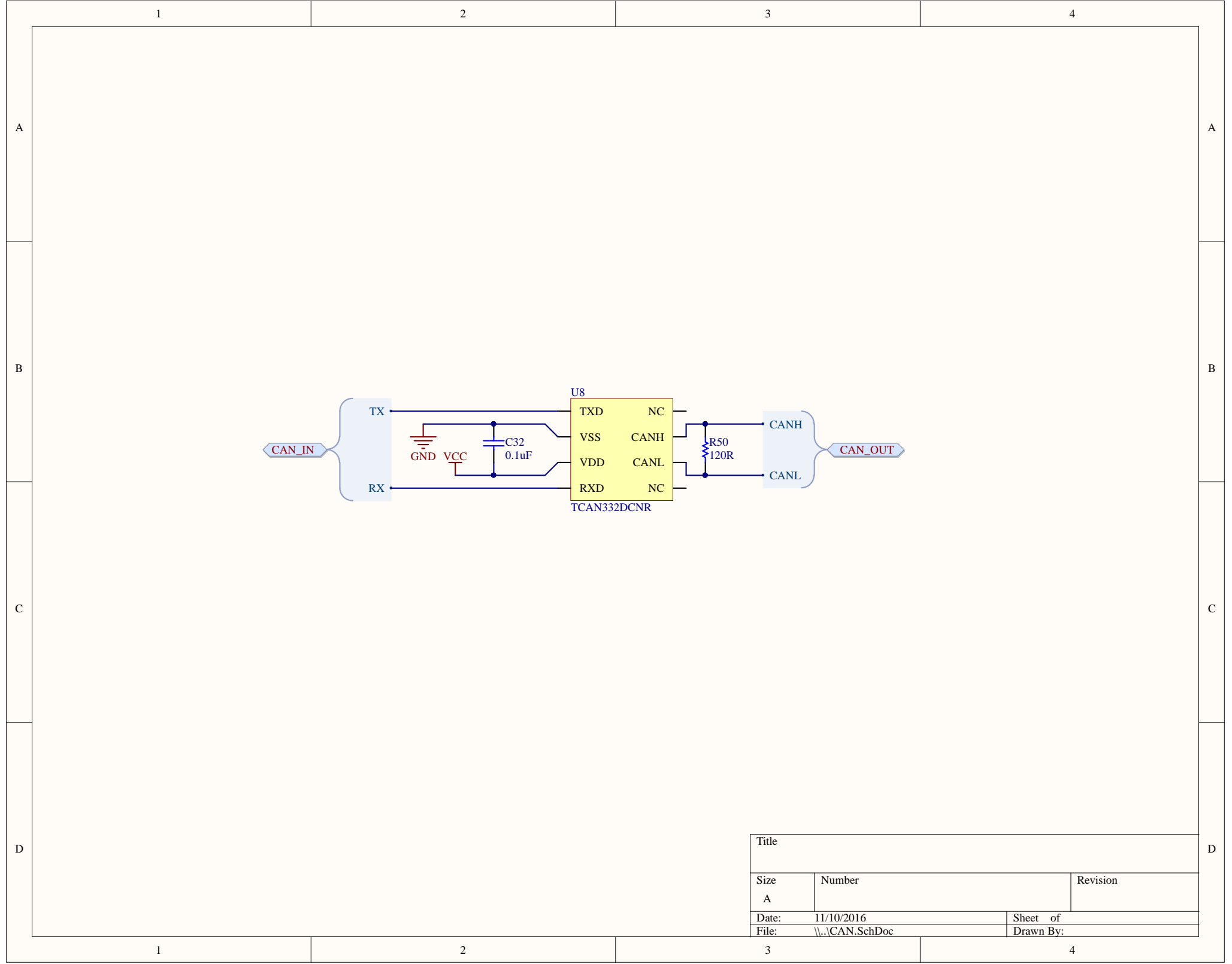
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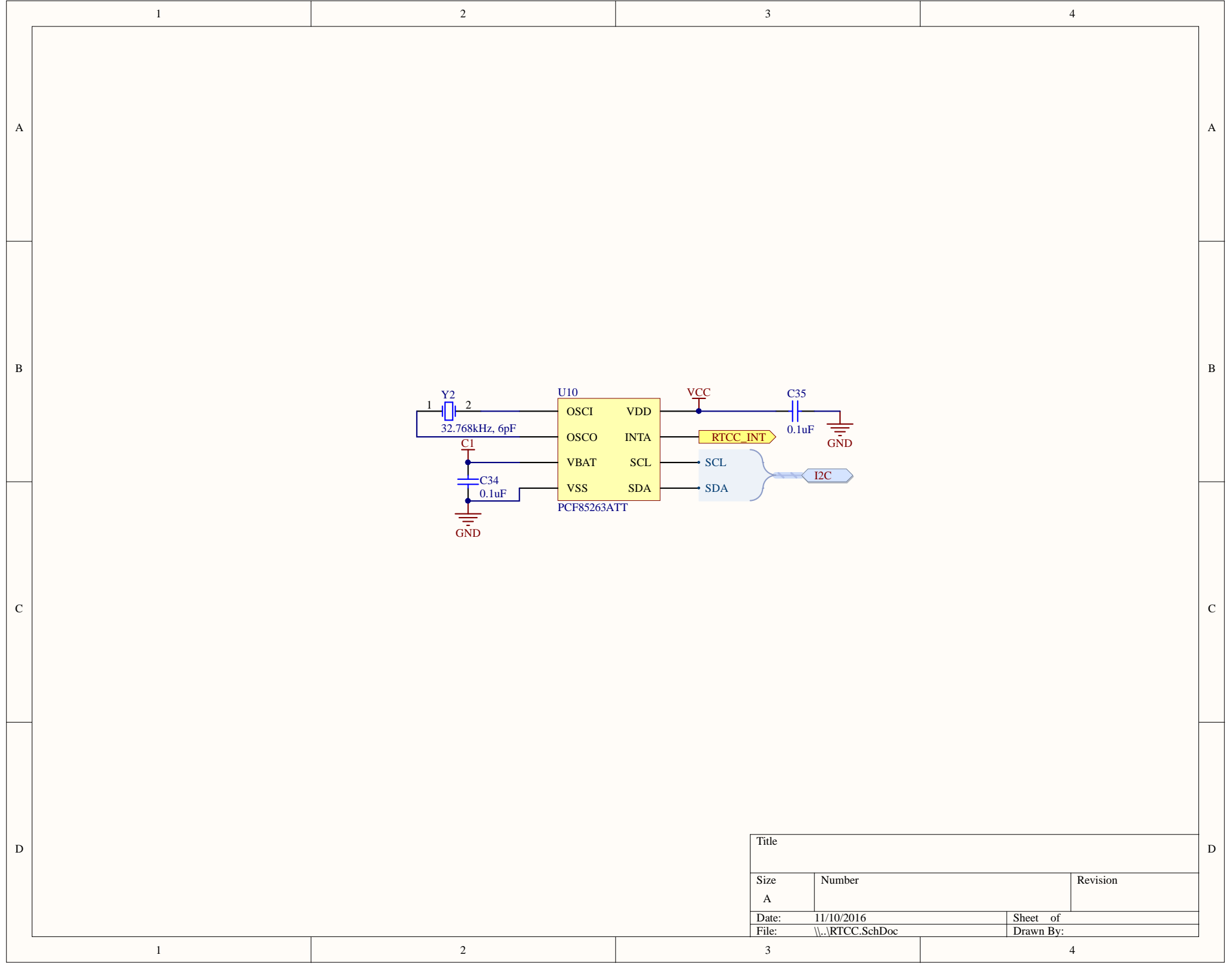
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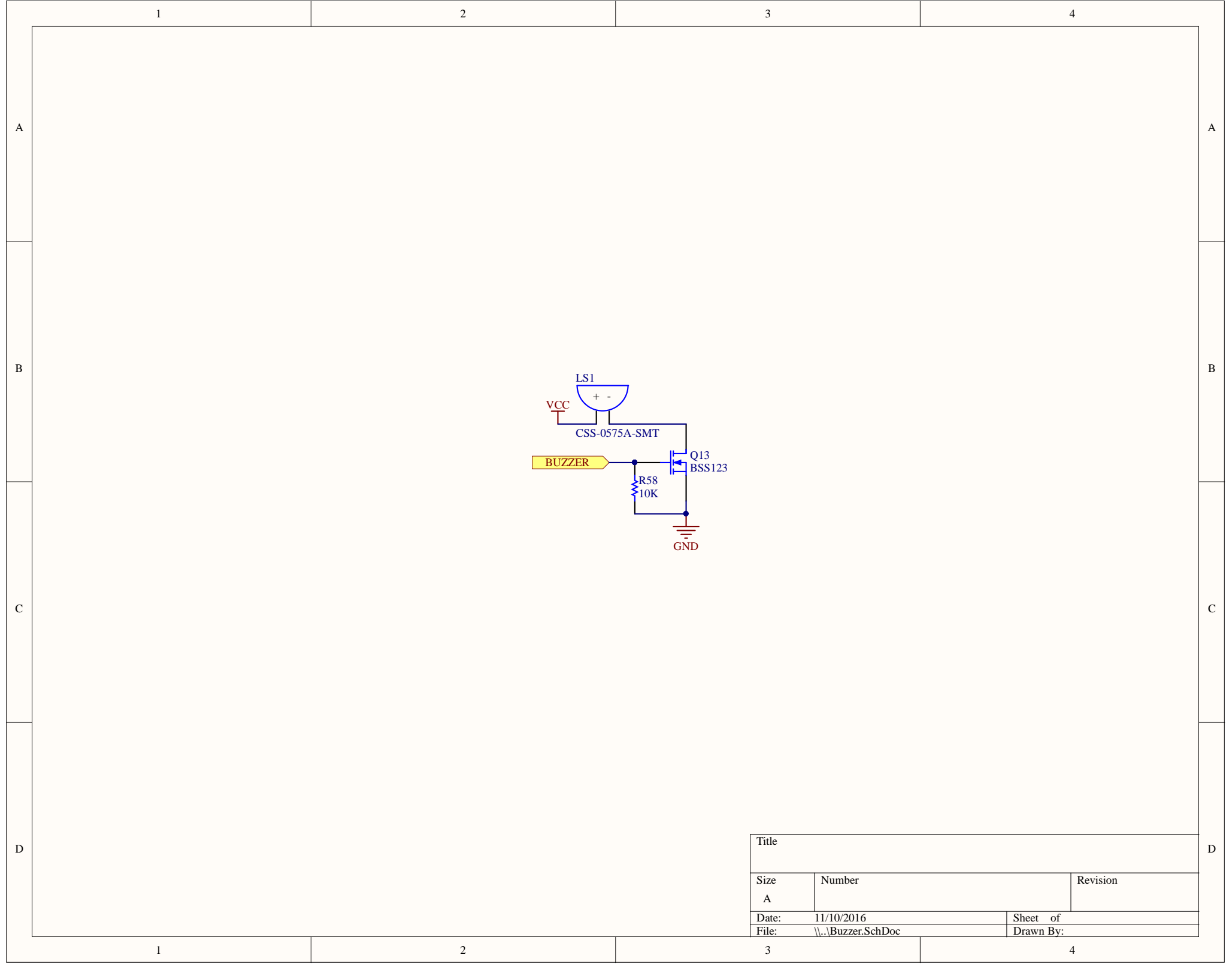


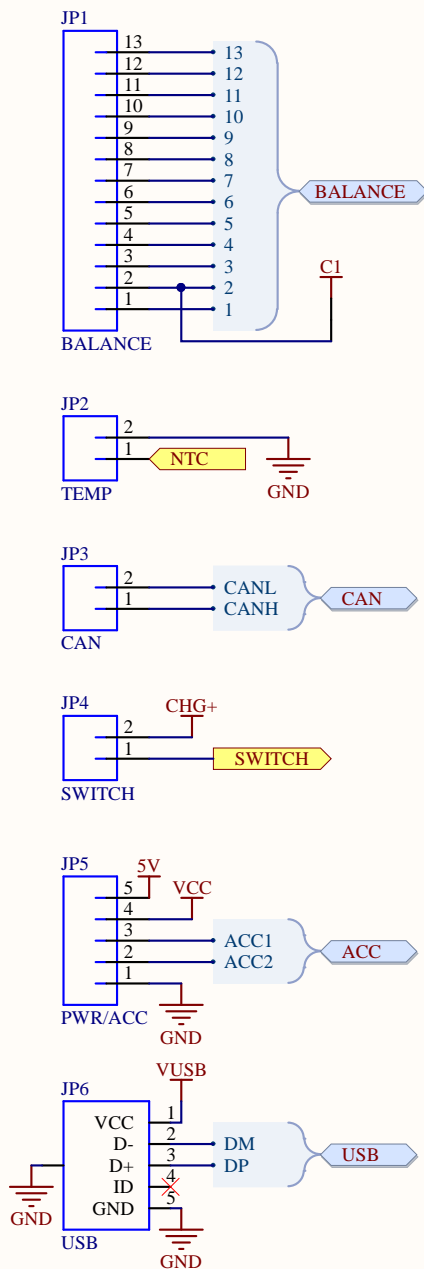
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