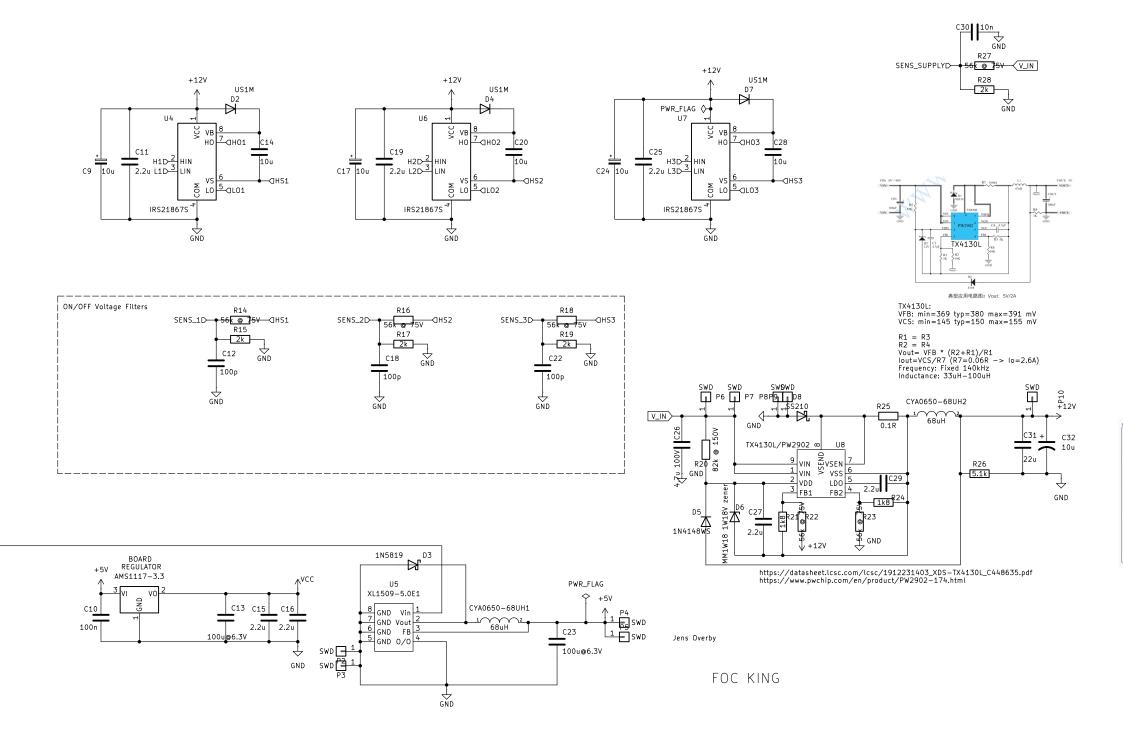
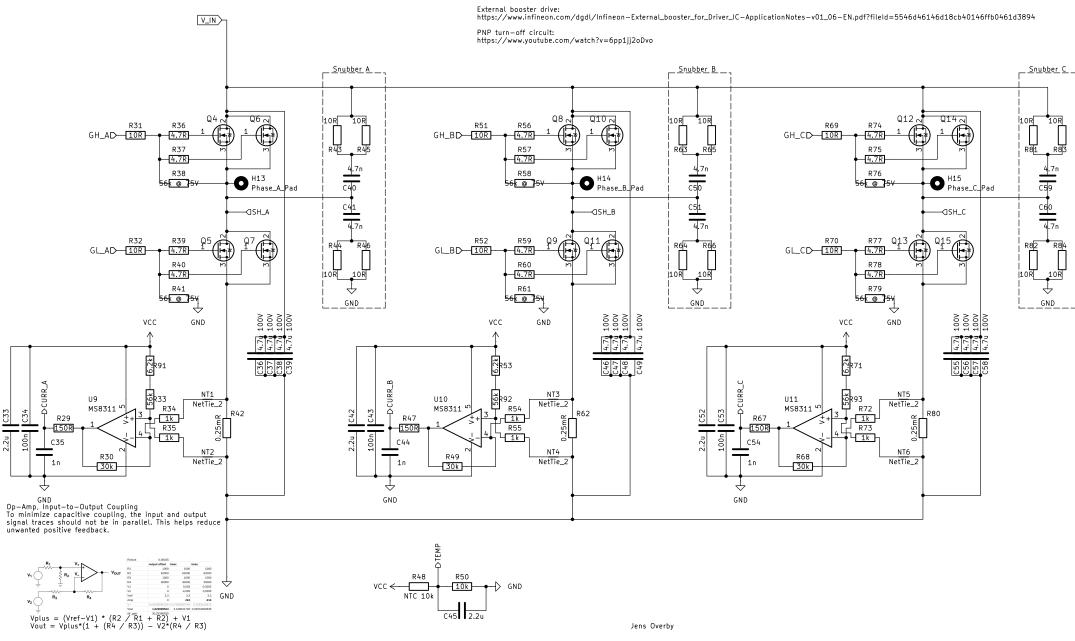


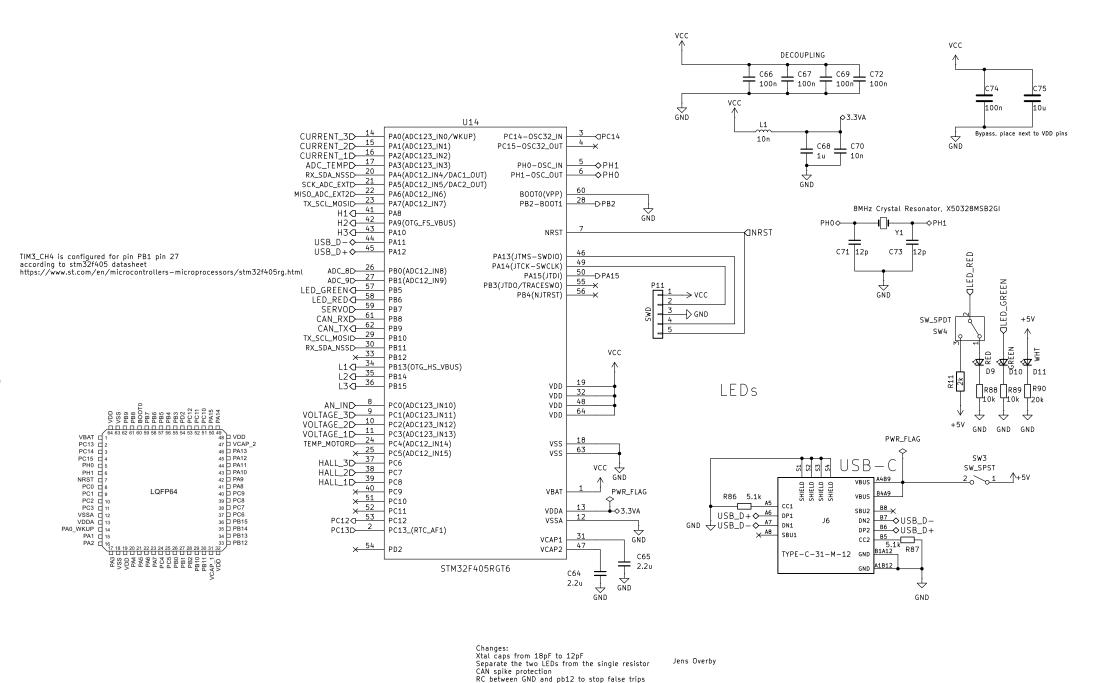
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Calculate cut-off freq of low pass filter, pg 3: https://www.st.com/resource/en/application\_note/an4304-how-to-filter-the-input-of-a-highside-current-sensing-stmicroelectronics.pdf Current sensing:

Current sensing: https://www.ti.com/lit/eb/slyy154a/slyy154a.pdf?ts=1678787132262&ref\_url=https%253A%252F%252Fwww.startpage.com%252F pg 4, pg 15



PC12->PA15 to drive LED

Increased functionality of several header pins

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