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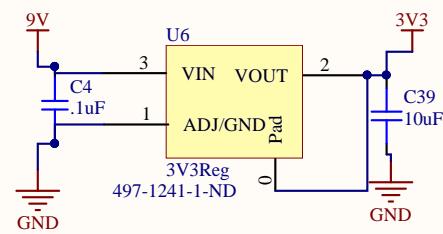
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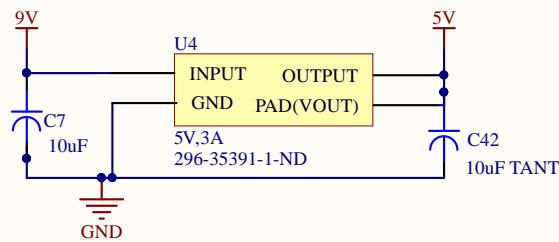
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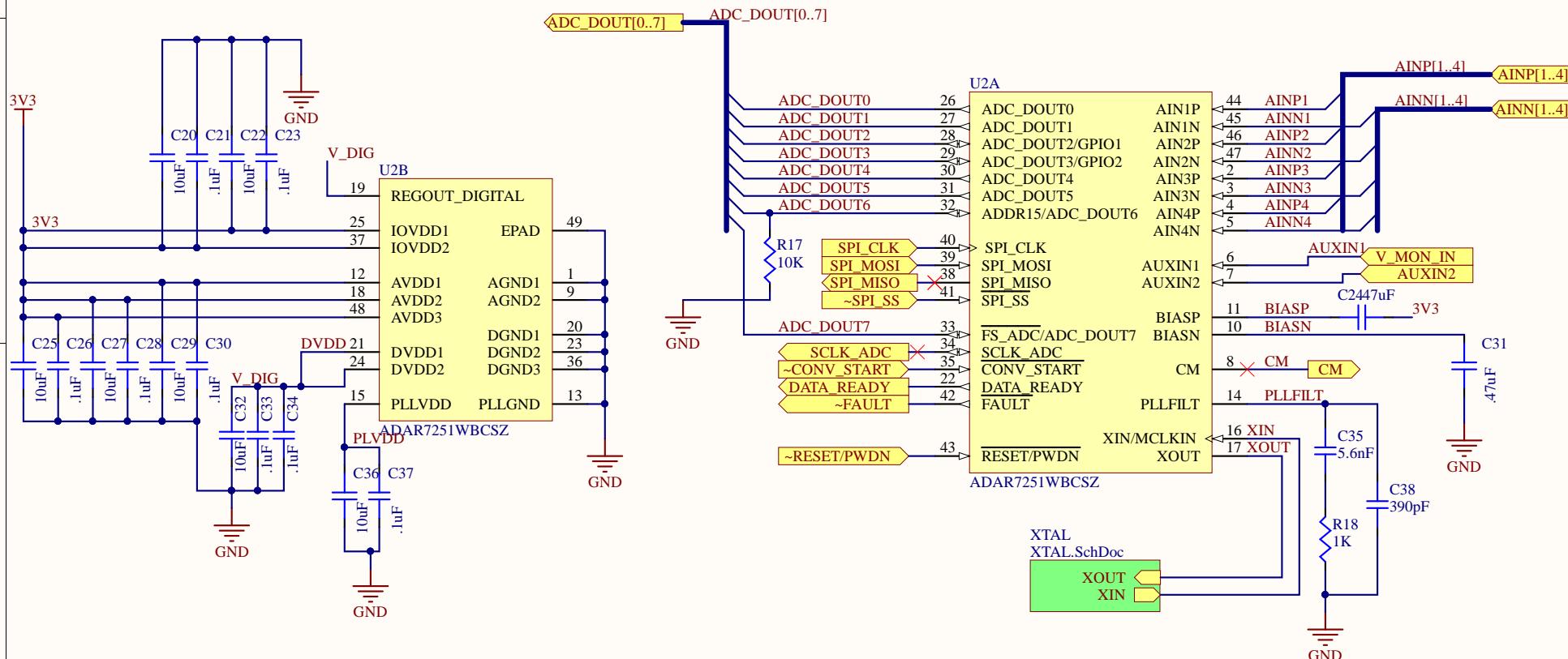
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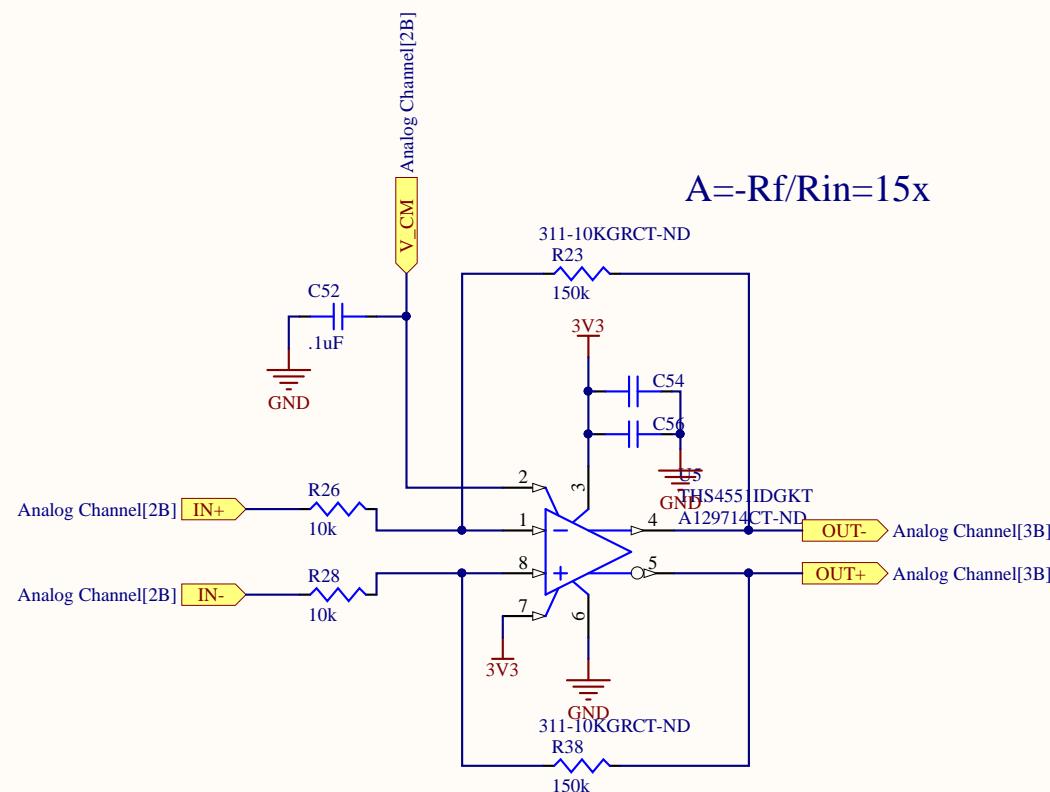
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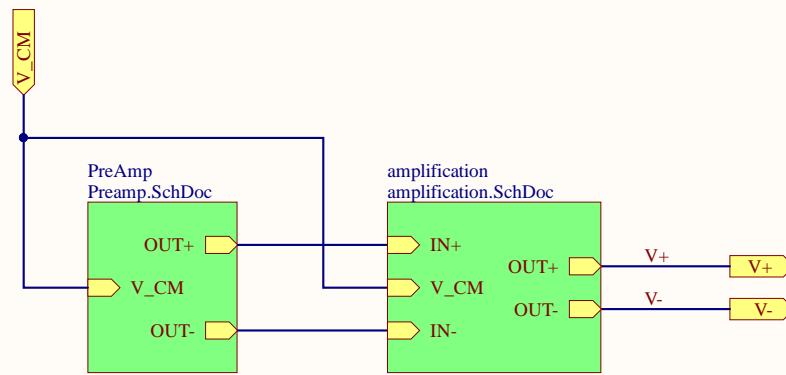
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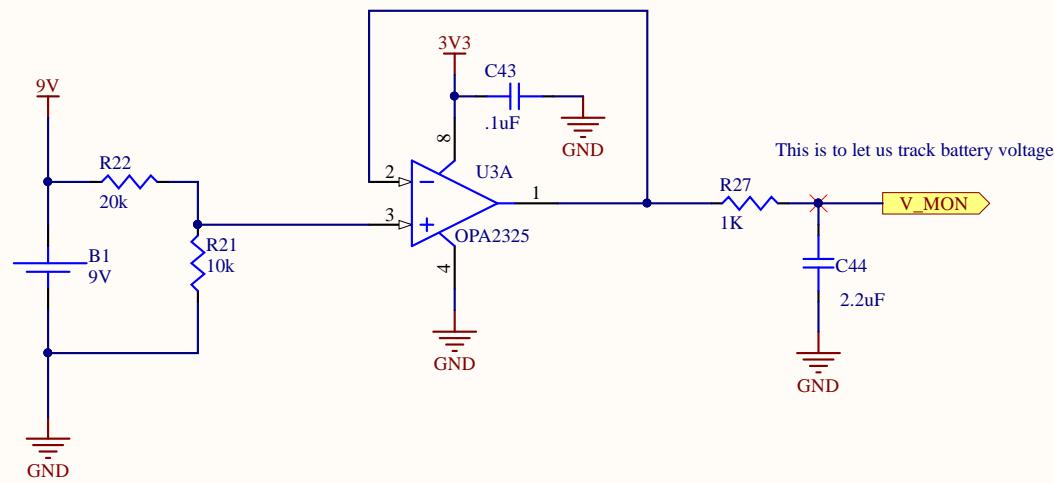
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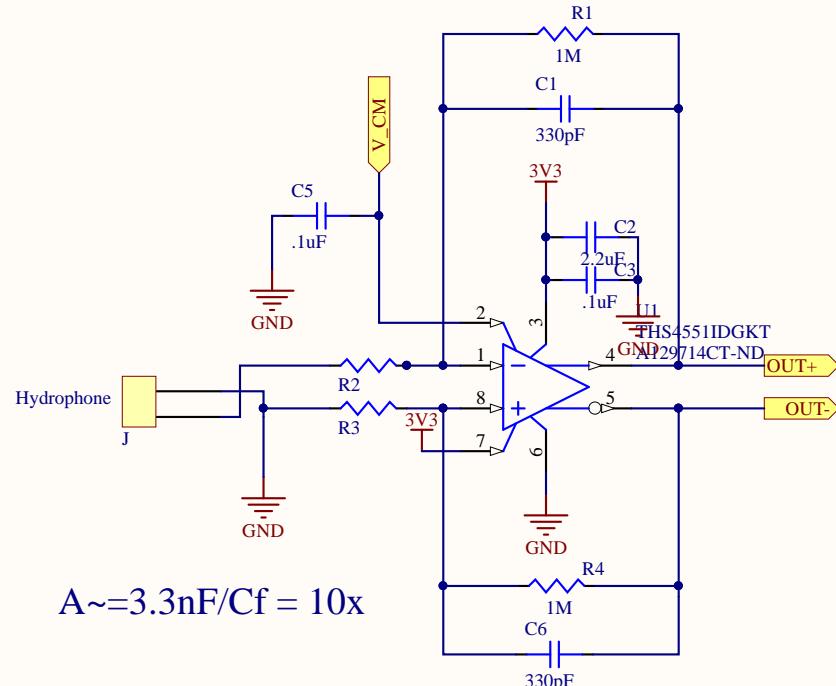
B

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D



$$\text{Cutoff frequency } f_H = 1/(2\pi \cdot R_f \cdot (C_p + C_c))$$

Assuming $C_c = 0$, $f_H = 146\text{kHz}$

$$f_L = 1/(2\pi \cdot R_f \cdot C_f) = 482 \text{ Hz}$$

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A

5V

F1

C45

C46

C47

GND

5V_fuse

GND

R29 64.9 D1 GREEN LED GND

B

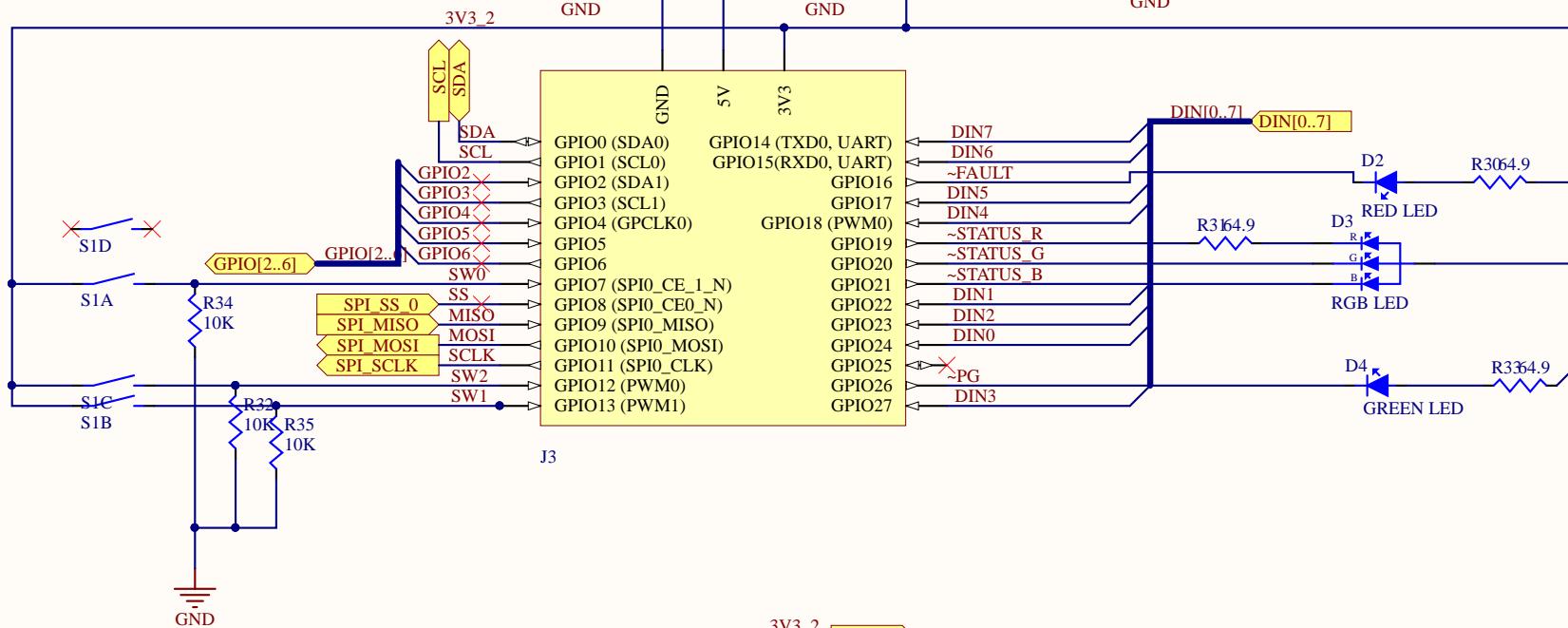
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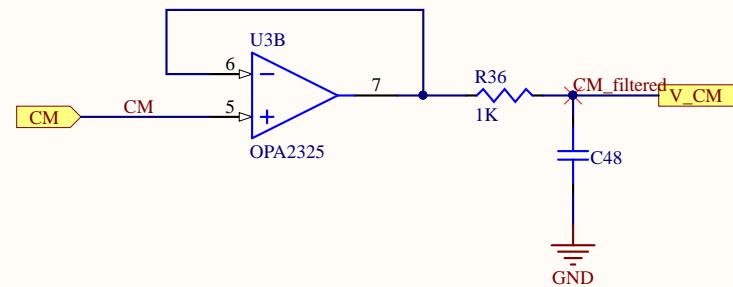
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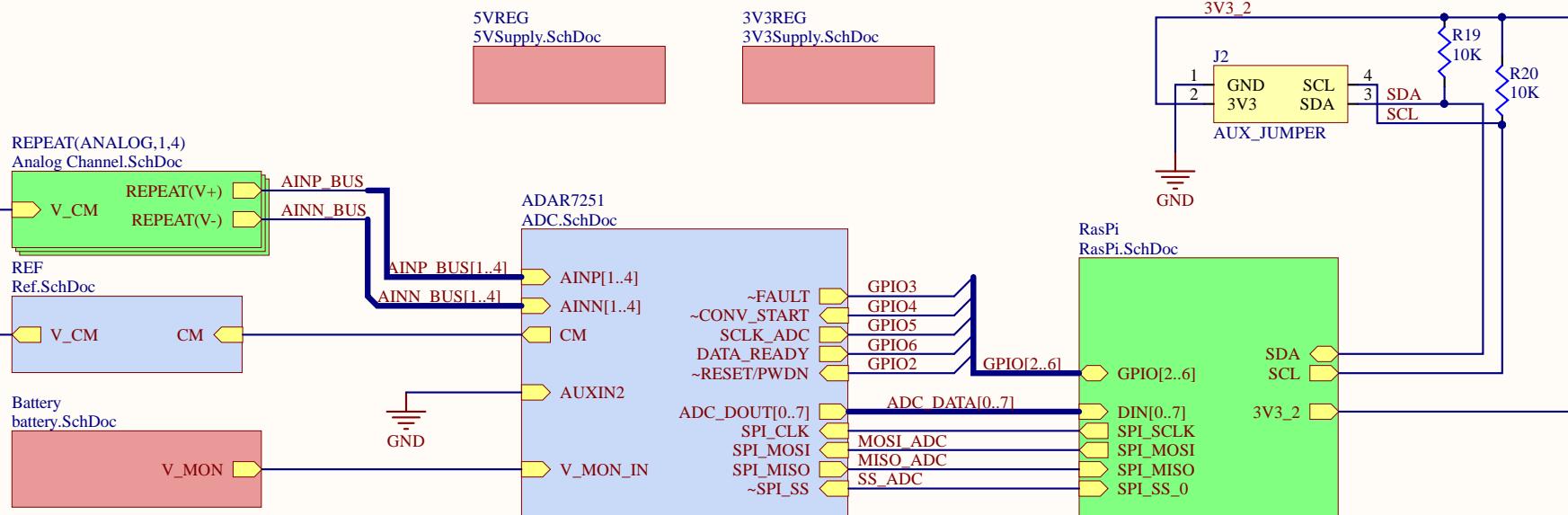
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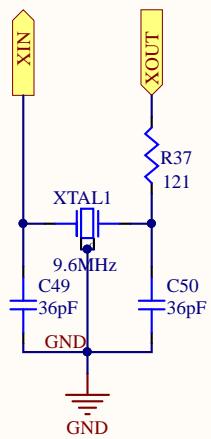
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