

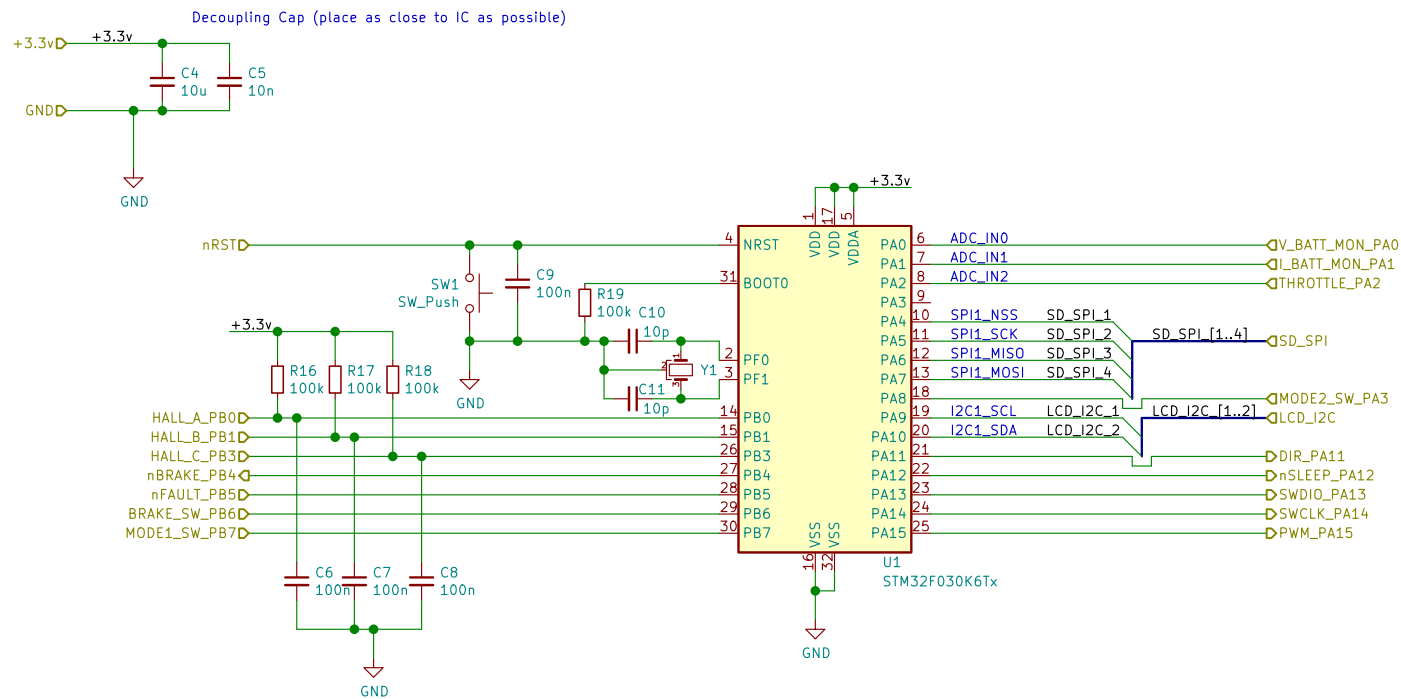
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File: Triple\_H\_Bridge.sch

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KiCad E.D.A. kicad (5.1.5)-3

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Sheet: /MCU/  
File: MCU.sch

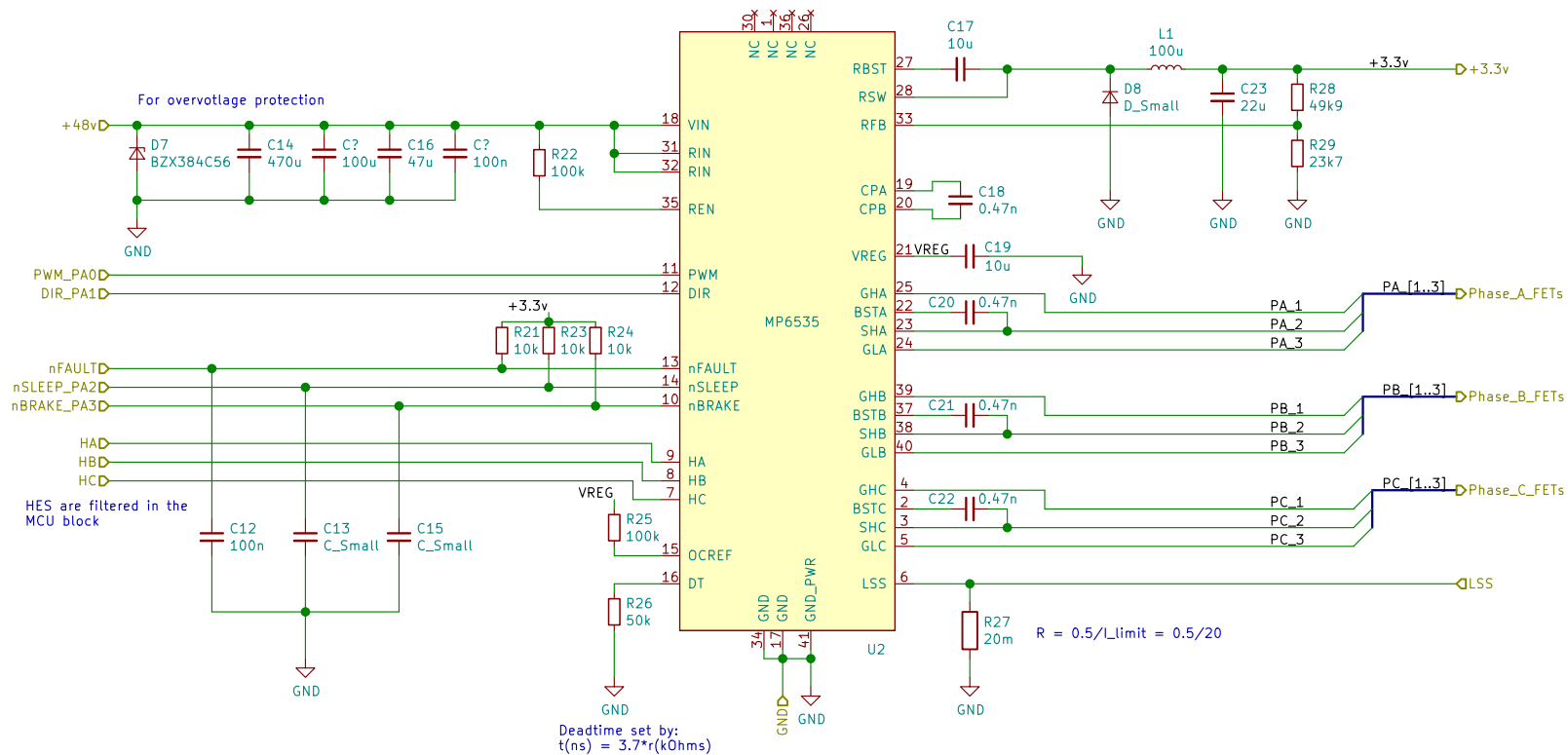
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Sheet: /BLDC Driver/  
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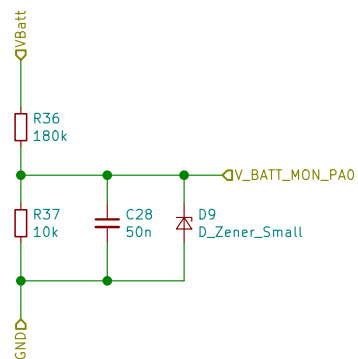
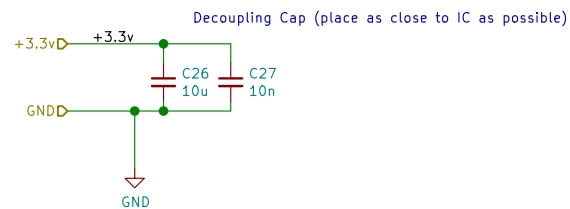
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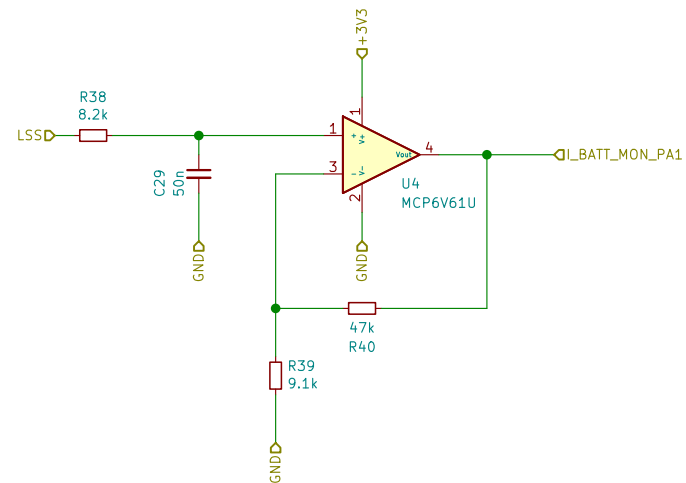
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$f_c = 330\text{Hz}$  (about 2 decades below the switching frequency (20KHz))  
 $A_v = 18.3$ , hence worst case  $V_{in} = 55$ , then  $V_{out} = 3\text{V}$   
 Equivalent resistance is 9.5K, so no need for buffer amp



$f_c = 330\text{Hz}$  (about 2 decades below the switching frequency (20KHz))  
 $A_v = 6.1$ , hence worst case  $V_{in} = 0.5R \cdot 25A \cdot 6.1 \text{ V/V} = 3.1\text{V}$

Sheet: /BMS/  
 File: BMS.sch

**Title:**

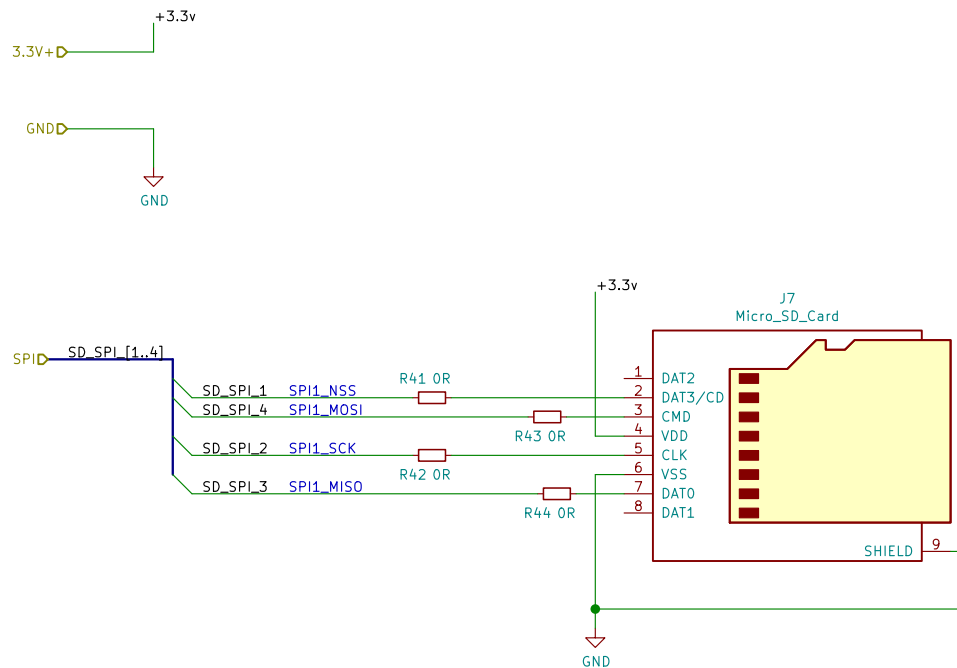
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Sheet: /SD CARD/  
File: SD\_CARD.sch

**Title:**

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**Rev:**

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