

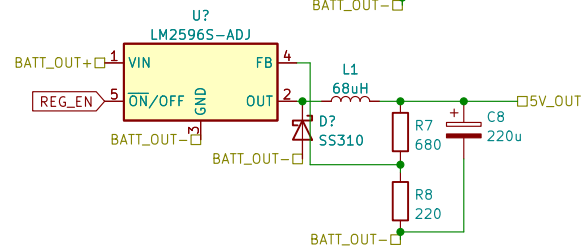
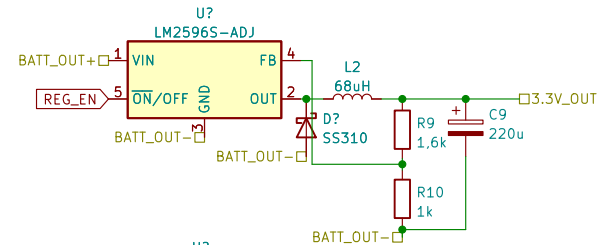
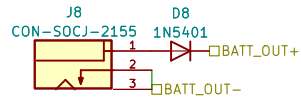
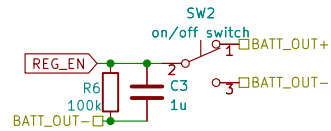
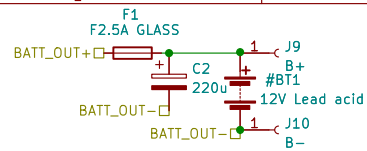
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KiCad E.D.A. kicad (6.0.8)

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Rev:  
Id: 2/5



$R_{FBT} = R_{FBB} \left( \frac{v_{out}}{v_{ref}} - 1 \right)$   
 $R_{FBB} = 1k$  (gaf een goede verhouding)  
 $V_{ref} = 1.23v$  (datasheet LM2596)

$R_{FBT} = 1k \left( \left( \frac{3.3}{1.23} \right) - 1 \right) = 1.68k \rightarrow 1.6k$  gekozen

$R_{FBT} = R_{FBB} \left( \frac{v_{out}}{v_{ref}} - 1 \right)$   
 $R_{FBB} = 1k$  (gaf een goede verhouding)  
 $V_{ref} = 1.23v$  (datasheet LM2596)

$R_{FBT} = 1k \left( \left( \frac{5}{1.23} \right) - 1 \right) = 3065R \rightarrow 3k$  gekozen

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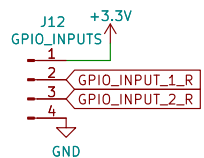
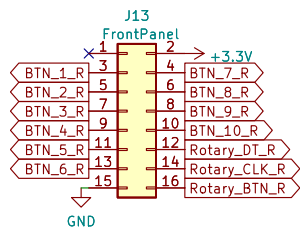
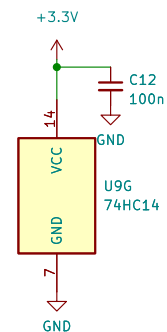
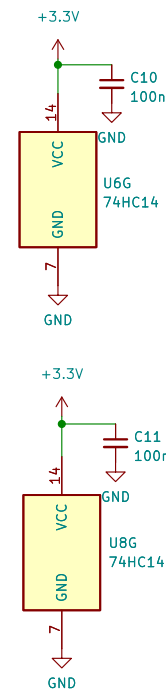
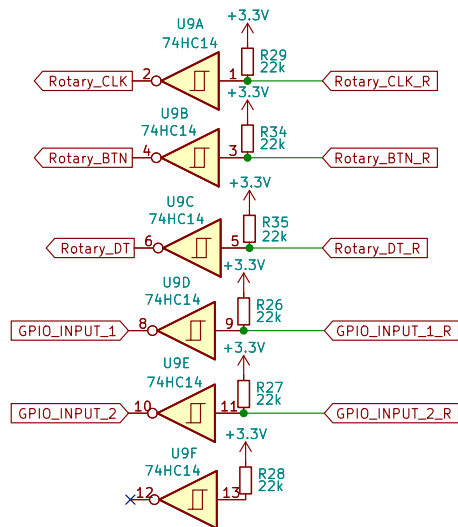
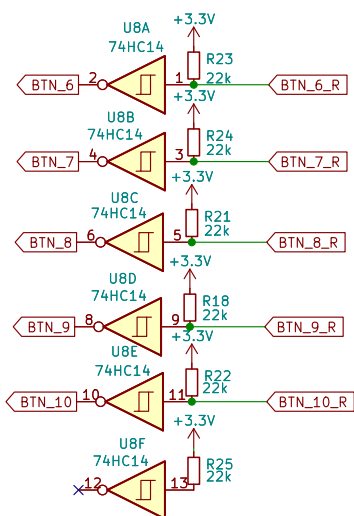
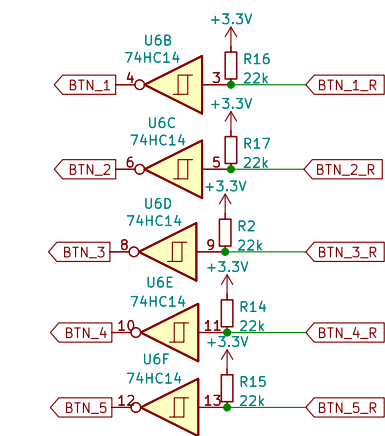
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**Rev:**

Id: 3/5





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Date:

**Rev:**

Id: 5/5