

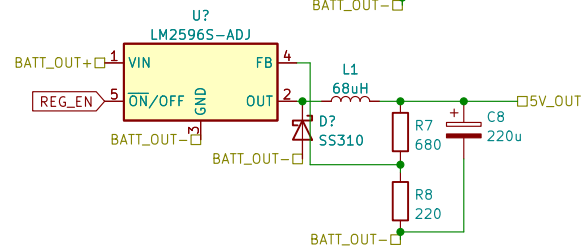
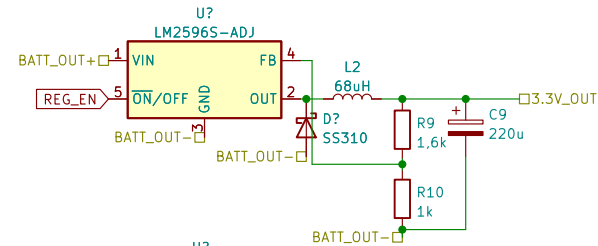
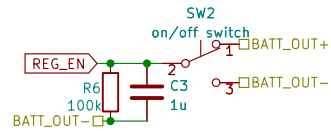
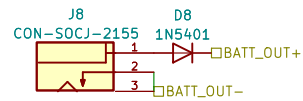
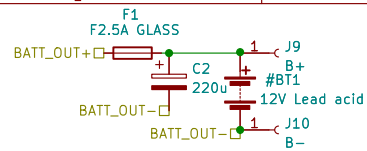
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Size: A4  
KiCad E.D.A. kicad (6.0.7)

Date:

Rev:  
Id: 2/5



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

$R_{FBT} = 1k \cdot ((3.3/1.23) - 1) = 1.68k \rightarrow 1.6k$  gekozen

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

$R_{FBT} = 1k \cdot ((5/1.23) - 1) = 3065R \rightarrow 3k$  gekozen

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 File: Power\_Supply.kicad\_sch

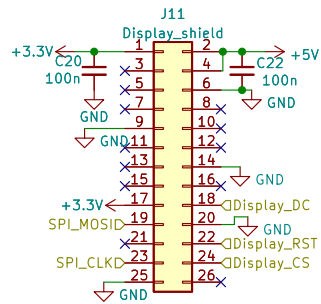
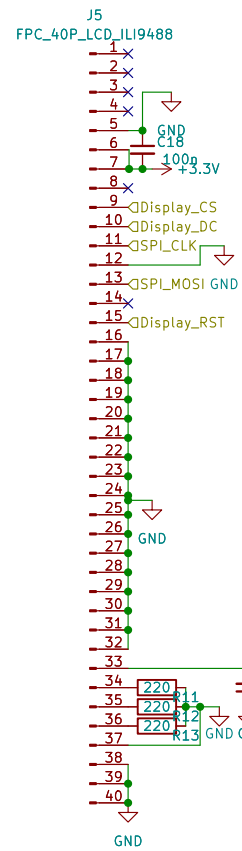
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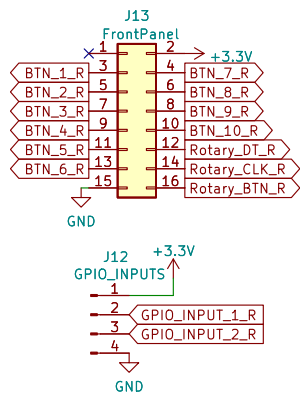
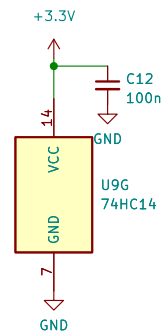
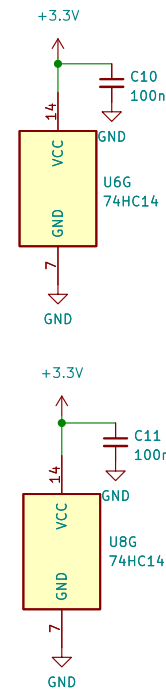
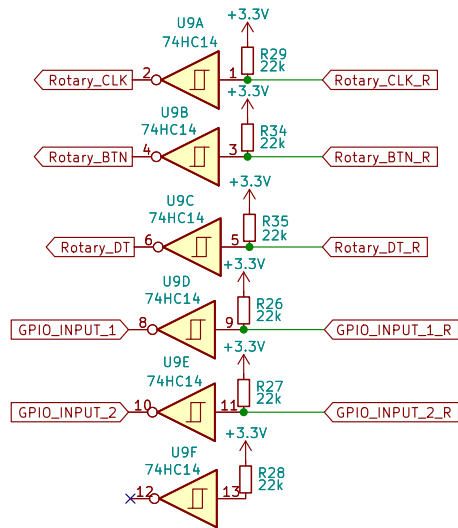
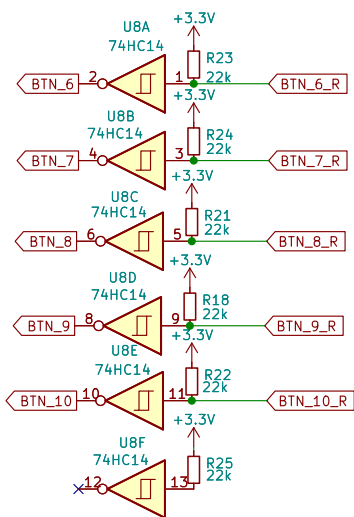
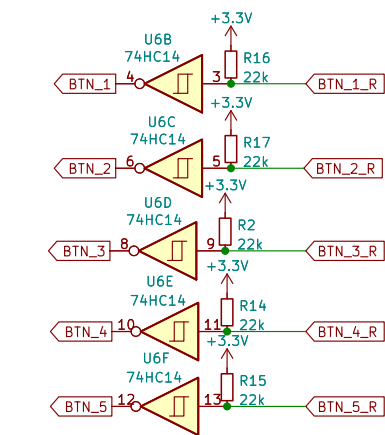
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Date:

**Rev:**  
Id: 4/5



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File: button\_inputs.kicad\_sch

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Date:

**Rev:**

Id: 5/5