

Sheet: /MCU/
File: MCU.kicad_sch

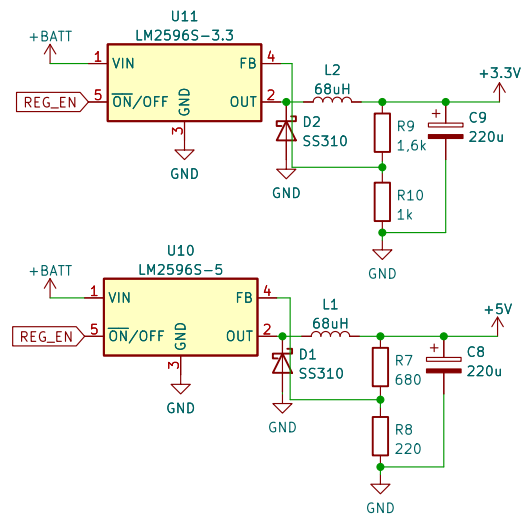
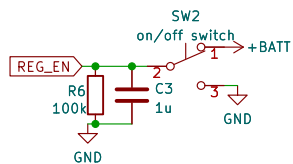
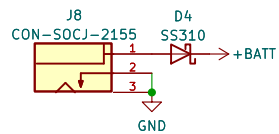
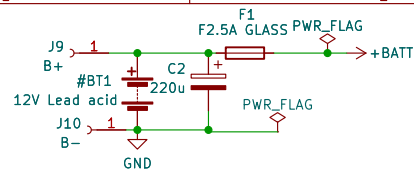
Title:

Size: A4
KiCad E.D.A. kicad (6.0.9)

Date:

Rev:

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

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

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

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

Sheet: /Power Supply/
 File: Power_Supply.kicad_sch

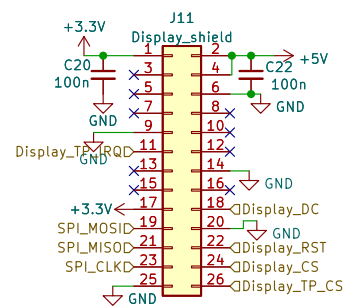
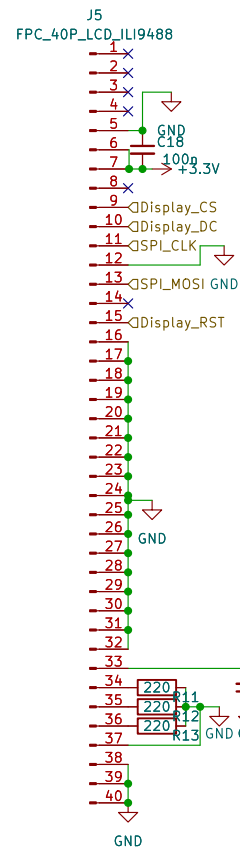
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 KiCad E.D.A. kicad (6.0.9)

Date:

Rev:

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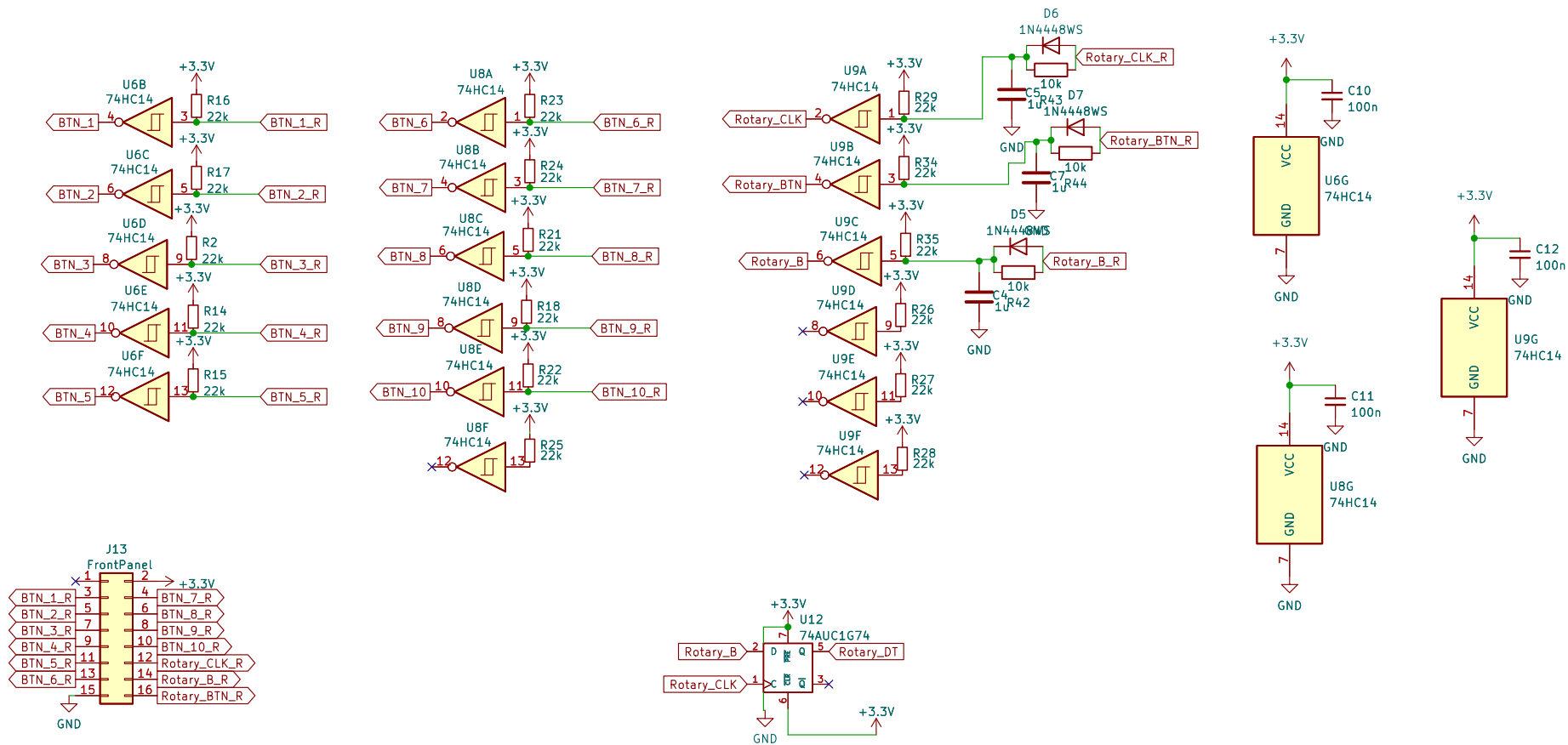
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Size: A4
KiCad E.D.A. kicad (6.0.9)

Date:

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Sheet: /button_inputs/
File: button_inputs.kicad_sch

Title:

Size: A4
KiCad E.D.A. kicad (6.0.9)

Date:

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Id: 5/5