

Sheet: /MCU/  
File: MCU.kicad\_sch

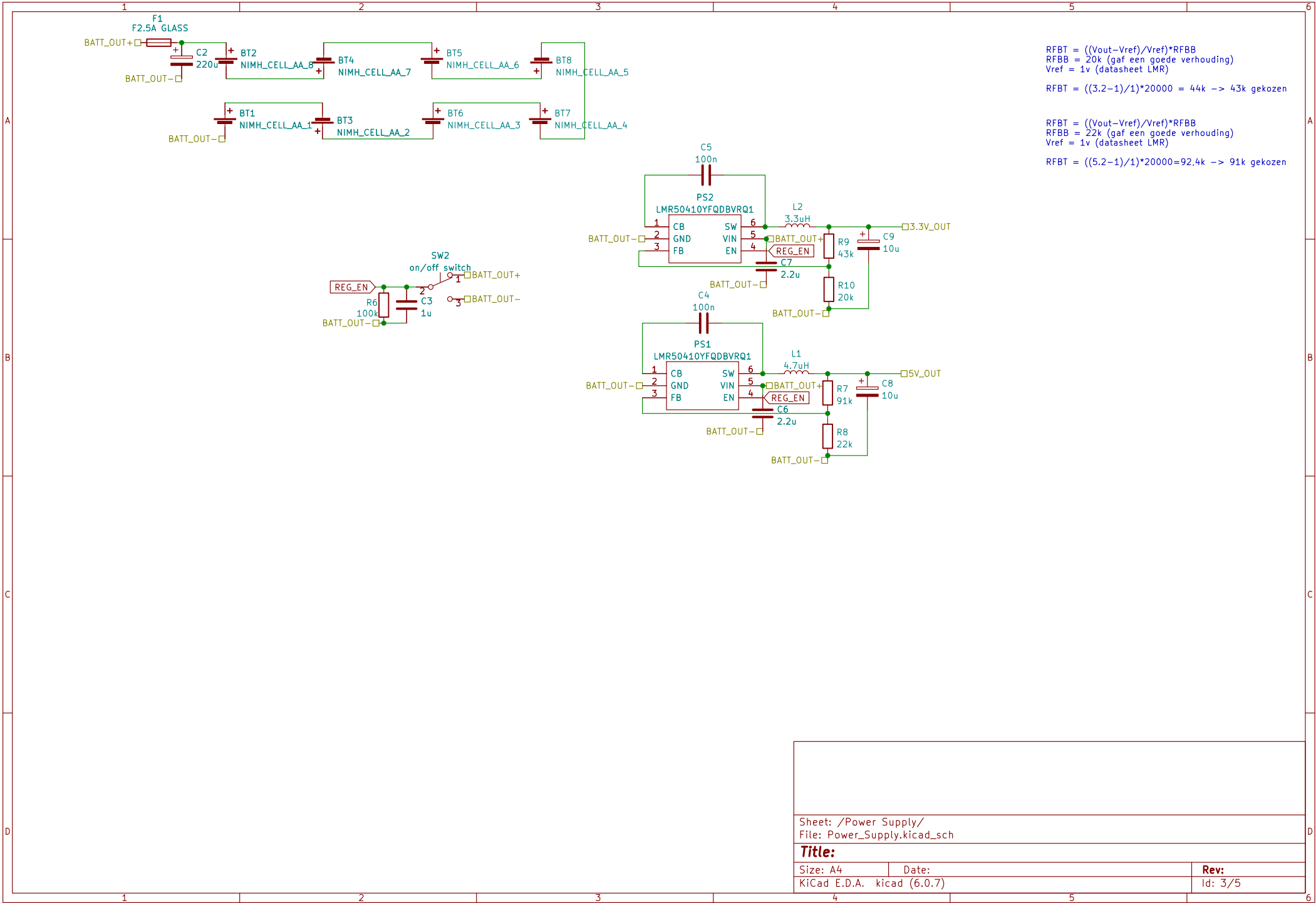
**Title:**

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

Date:

**Rev:**

Id: 2/5



$$R_{FBT} = \frac{(V_{out} - V_{ref})}{V_{ref}} \cdot R_{FBB}$$
$$R_{FBB} = 20k \text{ (gaf een goede verhouding)}$$
$$V_{ref} = 1v \text{ (datasheet LMR)}$$
$$R_{FBT} = \frac{((3.2 - 1)/1) \cdot 20000}{1} = 44k \rightarrow 43k \text{ gekozen}$$
  
$$R_{FBT} = \frac{(V_{out} - V_{ref})}{V_{ref}} \cdot R_{FBB}$$
$$R_{FBB} = 22k \text{ (gaf een goede verhouding)}$$
$$V_{ref} = 1v \text{ (datasheet LMR)}$$
$$R_{FBT} = \frac{((5.2 - 1)/1) \cdot 20000}{1} = 92.4k \rightarrow 91k \text{ gekozen}$$



