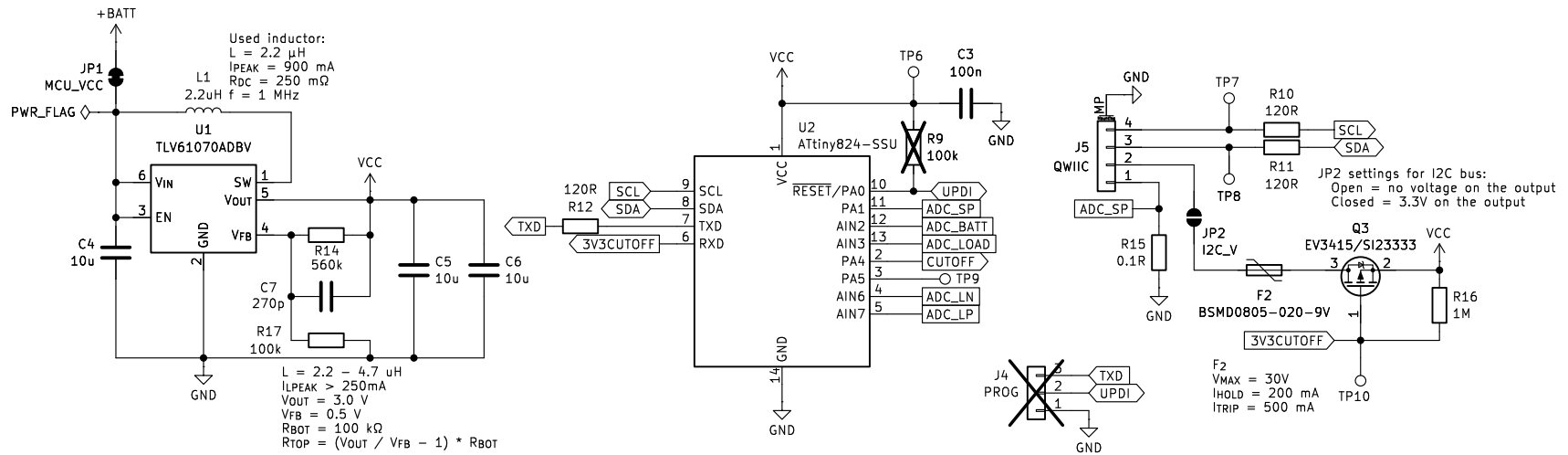


EV3415  
 $R_{DS(on)} < 46 \text{ m}\Omega$  for  $V_{GS} = -1.8 \text{ V}$ ,  $I_D = -6 \text{ A}$   
 $V_{GS(th)} < -1 \text{ V}$  for  $V_{DS} = V_{GS}$ ,  $I_D = -250 \mu\text{A}$   
 $V_{DS} = -1 \text{ V}$  (body diode forward voltage)

SI2333  
 $R_{DS(on)} < 45 \text{ m}\Omega$  for  $V_{GS} = -1.8 \text{ V}$ ,  $I_D = -5 \text{ A}$   
 $V_{GS(th)} < -1 \text{ V}$  for  $V_{DS} = V_{GS}$ ,  $I_D = -250 \mu\text{A}$   
 $V_{DS} = -1.2 \text{ V}$  (body diode forward voltage)

F1  
 $V_{MAX} = 6 \text{ V}$   
 $I_{HOLD} = 1.0 \text{ A}$   
 $I_{TRIP} = 2.0 \text{ A}$

Overvoltage cutoff  $\geq 2.8 \text{ V}$   
Overvoltage release  $\leq 2.7 \text{ V}$   
Undervoltage release  $\geq 1.8 \text{ V}$   
Undervoltage cutoff  $\leq 1.7 \text{ V}$   
Continuous current  $\leq 1 \text{ A}$   
Max current (10s)  $2 \text{ A}$



Vlastimil Slinták

µArt.cz

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File: lto-bms-revB.kicad\_sch

**Title: LTO Battery Management System**

Size: A4

Date: 2024-10-24

Rev: B

KiCad E.D.A. 9.0.0

Id: 1/1