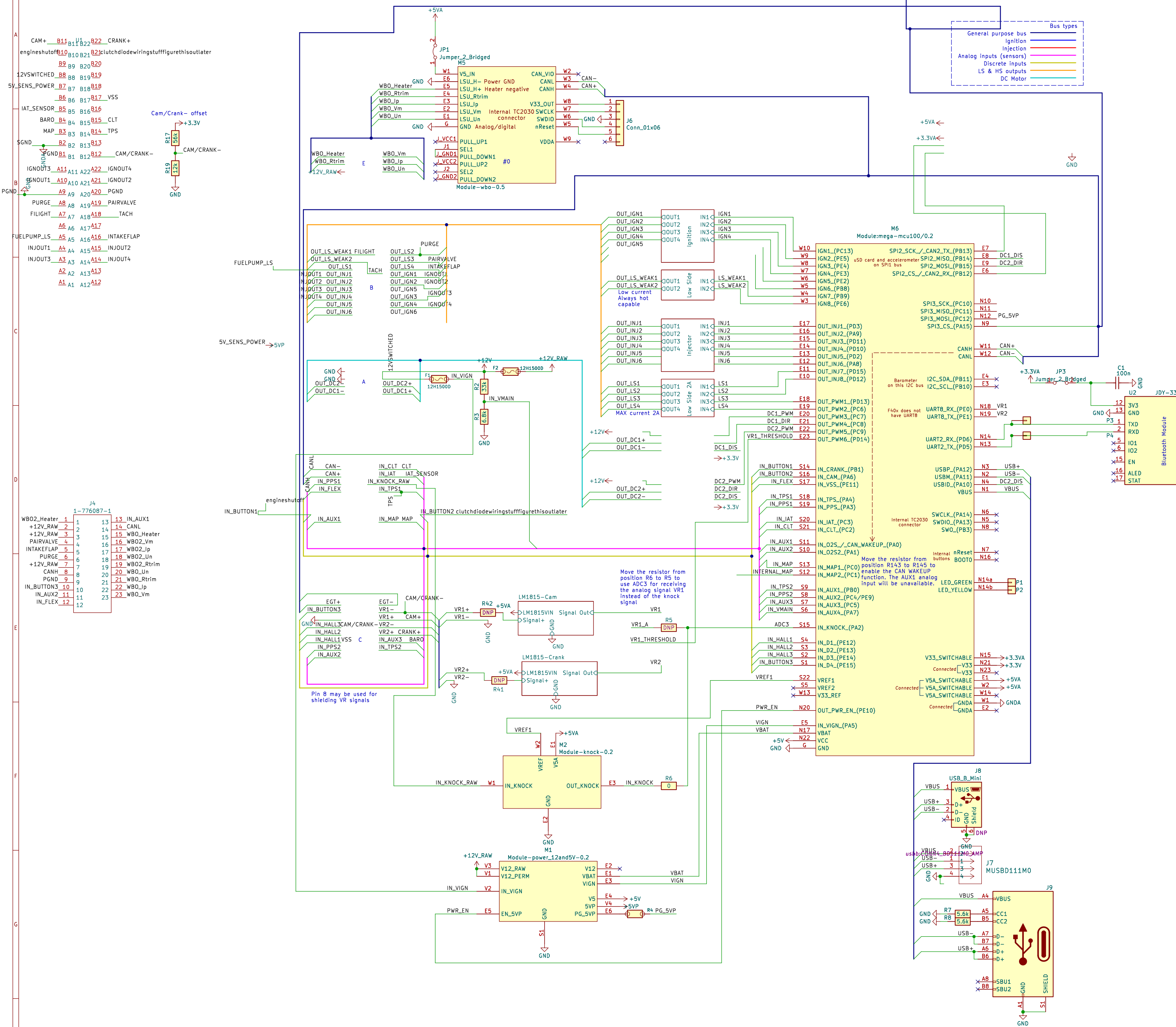
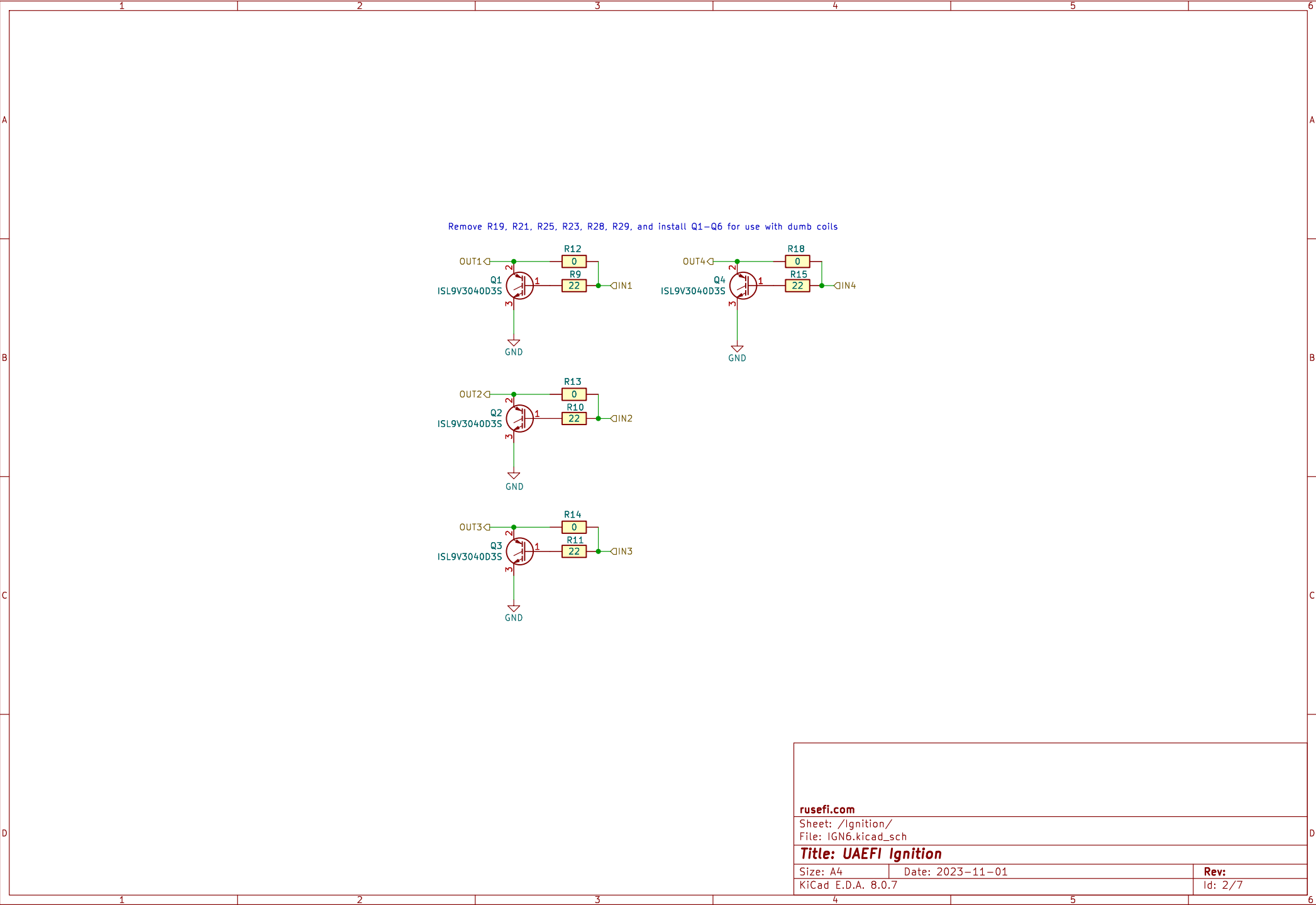
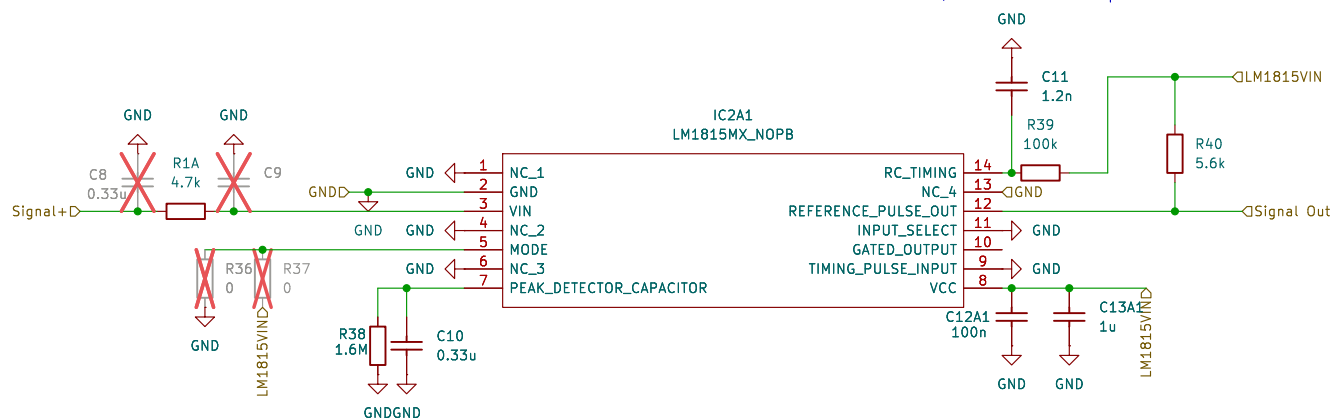


# MUST USE DUMB COIL SETUP IN IGNITION SHEET!!!!





$F_{in(max)} = 1/(1.346 \times R28 \times C4)$   
 Designing for ~15k max RPM to account for badly money shifting  
 $f_{max}$  of cam signal is ~1.4khz at 15000 RPM  
 $C = 1.23 \times 10^{-9}$ , JLCPCB has 1.2nf caps in stock



Sheet: /LM1815-Cam/  
 File: LM1815-Cam.kicad\_sch

**Title:**

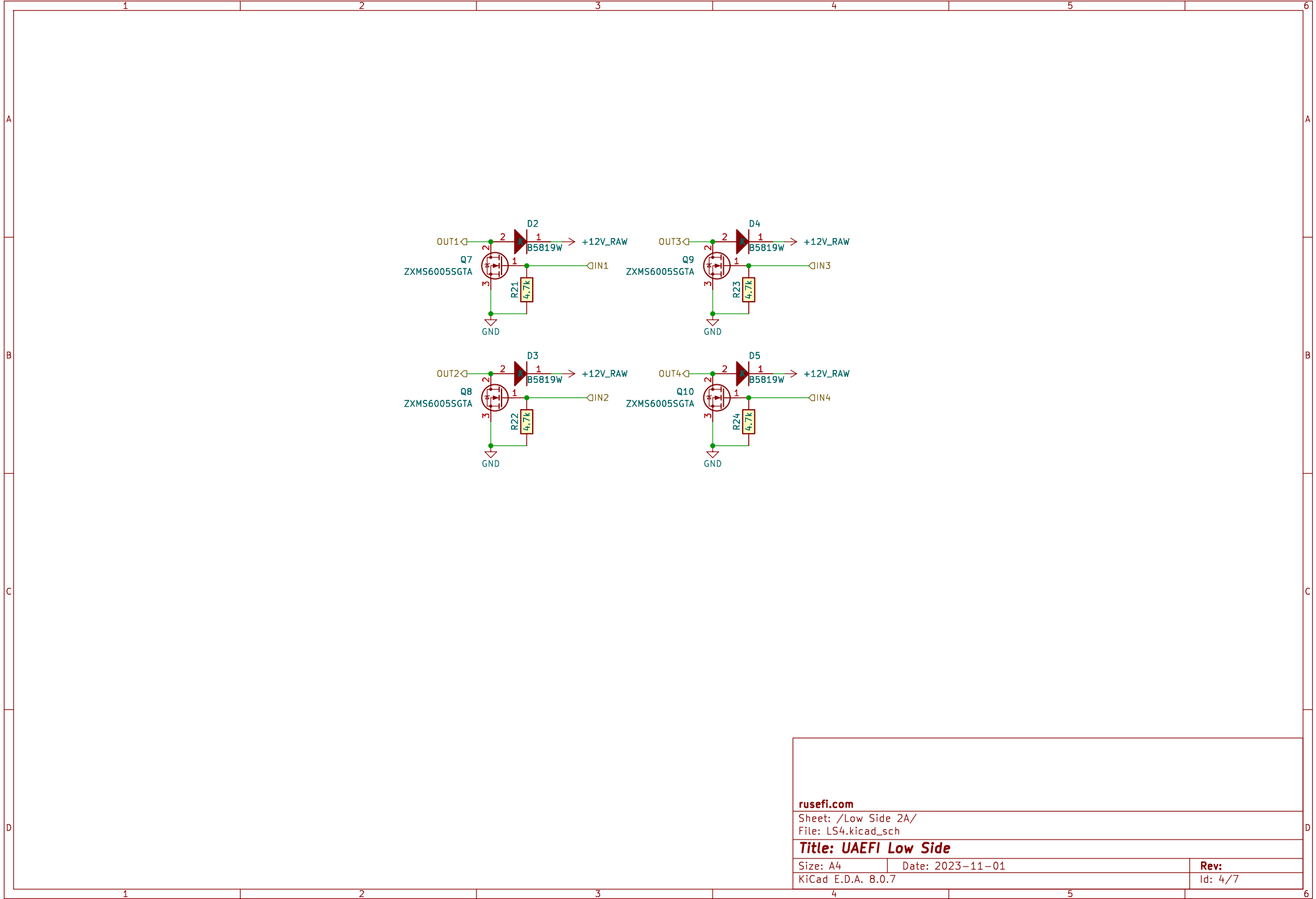
Size: A4

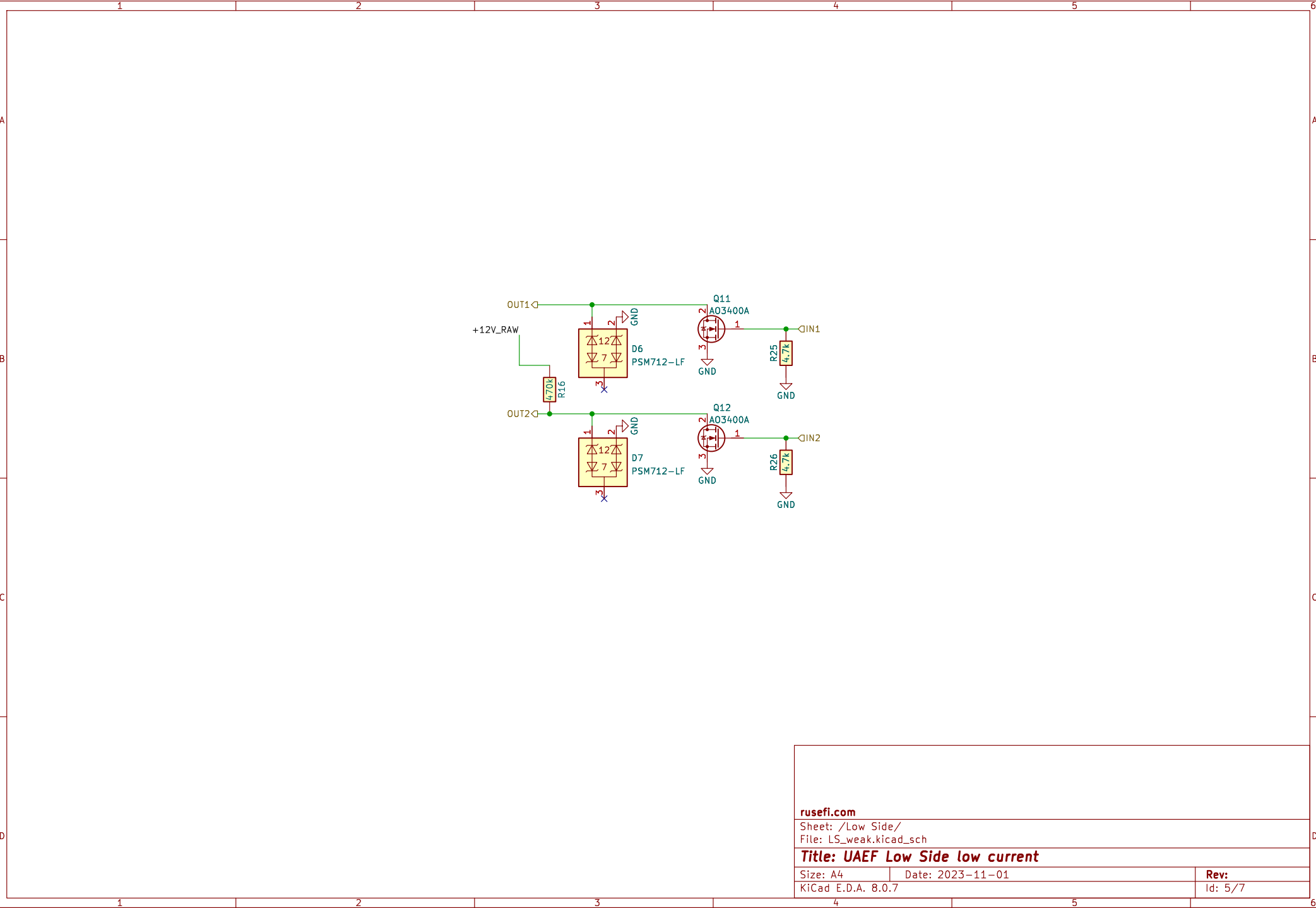
Date:

**Rev:**

KiCad E.D.A. 8.0.7

Id: 3/7





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Sheet: /Low Side/

File: LS\_weak.kicad\_sch

**Title: UAEF Low Side low current**

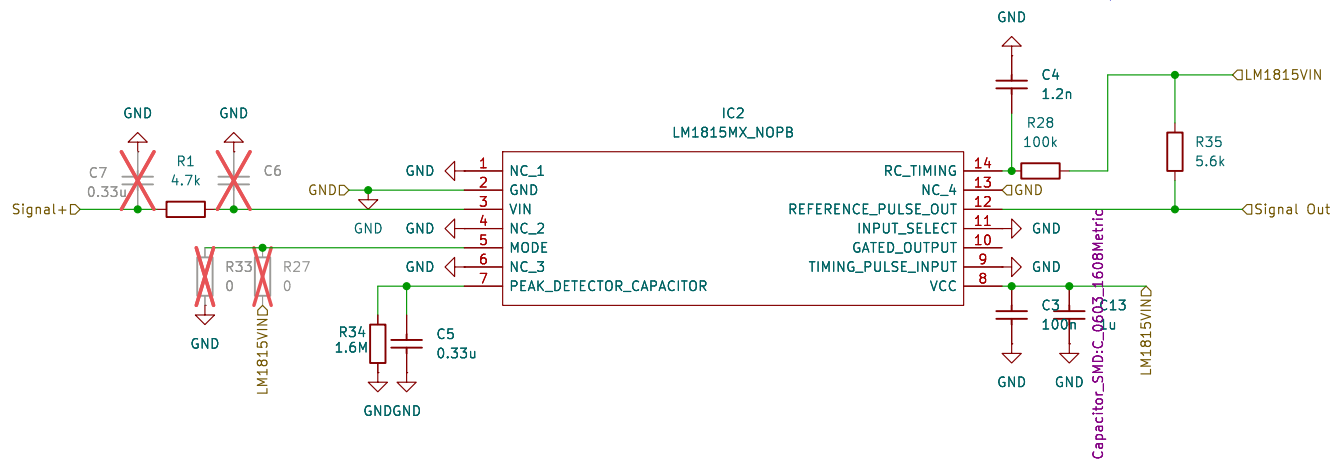
Size: A4

Date: 2023-11-01

Rev:

KiCad E.D.A. 8.0.7

Id: 5/7



Rev:  
Id: 6/7



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Sheet: /Injector/  
File: INJ6.kicad\_sch

**Title: UAEFI Injector**

Size: A4 Date: 2023-11-01

KiCad E.D.A. 8.0.7

**Rev:**  
Id: 9/7