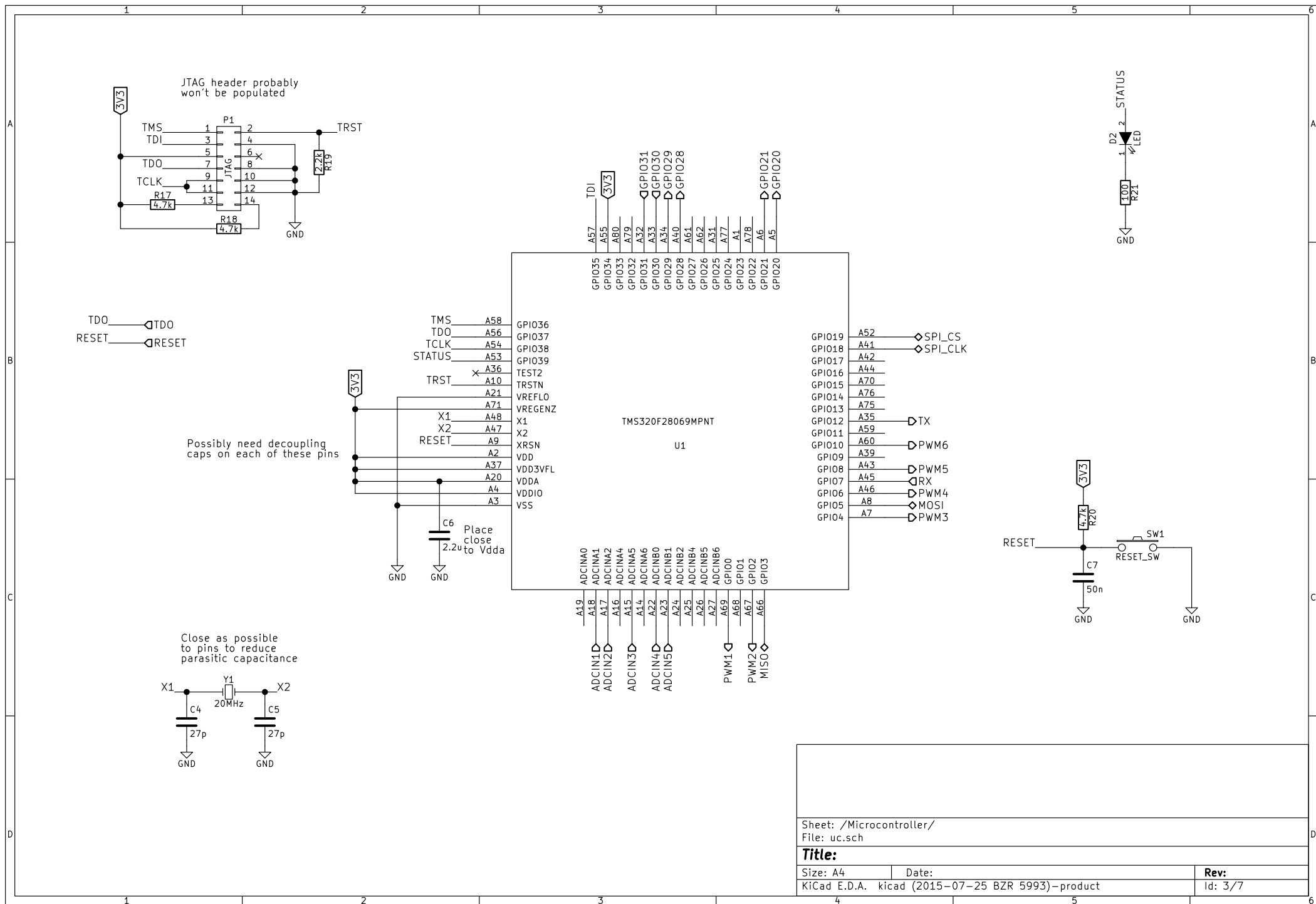
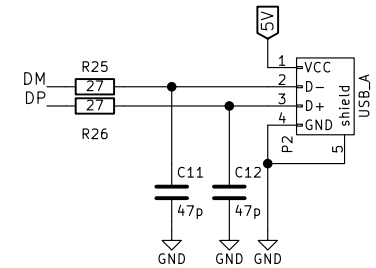
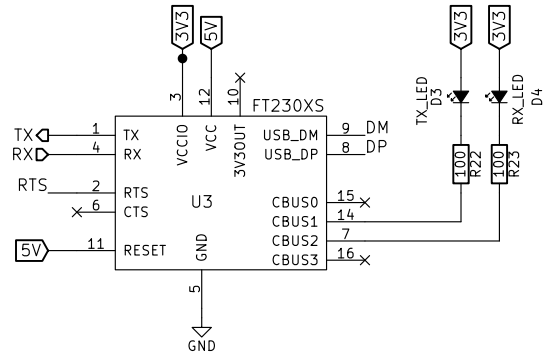
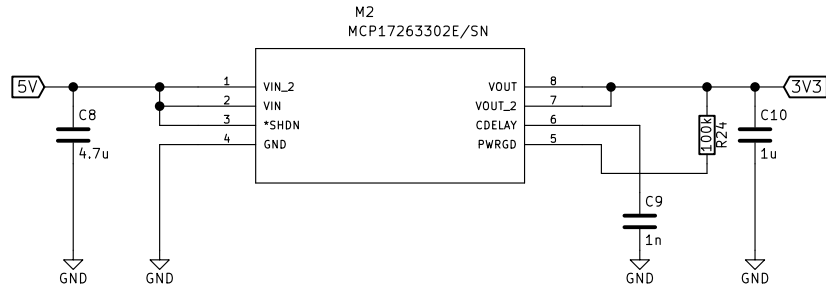
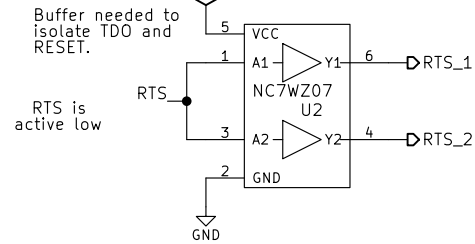


Sheet: /MOSFET Array/ File: fets.sch		
<b>Title: SEM – MOSFET Array</b>		
Size: A	Date:	Rev:
KiCad E.D.A. kicad (2015-07-25 BZR 5993)-product		Id: 2/7



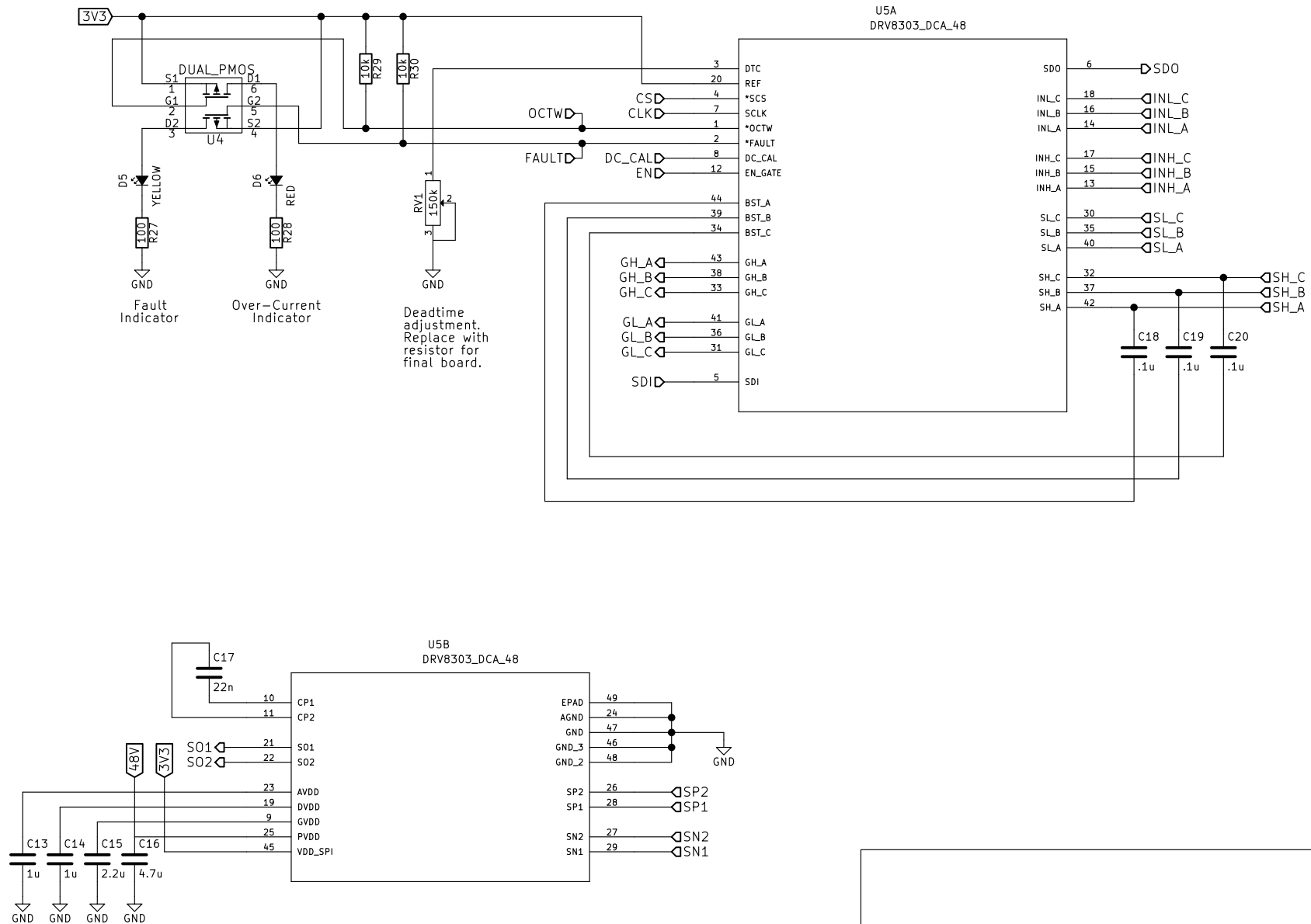


Sheet: /USB to Serial/  
File: ftdi.sch

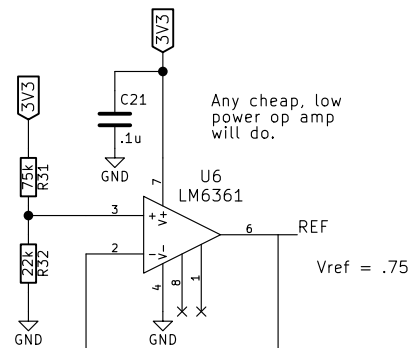
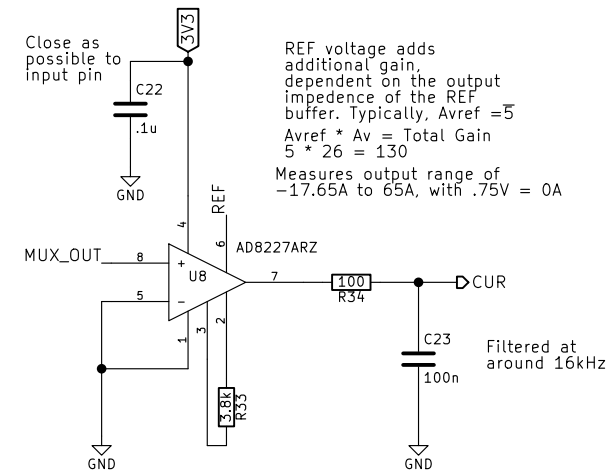
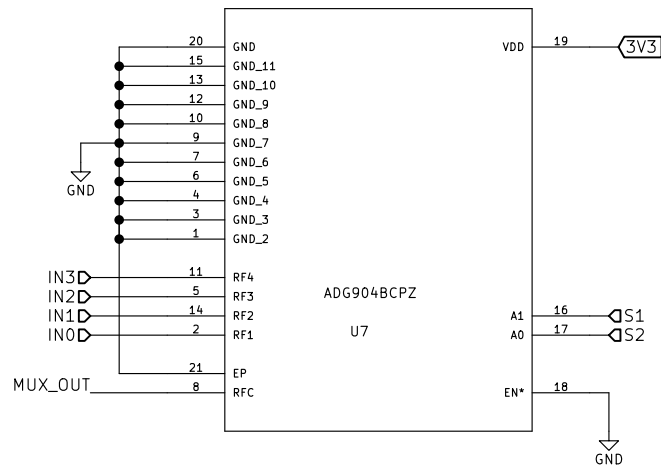
**Title:**

Size: A4 Date: KiCad E.D.A. kicad (2015-07-25 BZR 5993)-product

**Rev:**  
Id: 4/7



Sheet: /Motor Driver/ File: driver.sch		
<b>Title:</b>		
Size: A4	Date:	Rev:
KiCad E.D.A. kicad (2015-07-25 BZR 5993)-product		Id: 5/7



Sheet: /Current Sense/  
 File: currentamp.sch

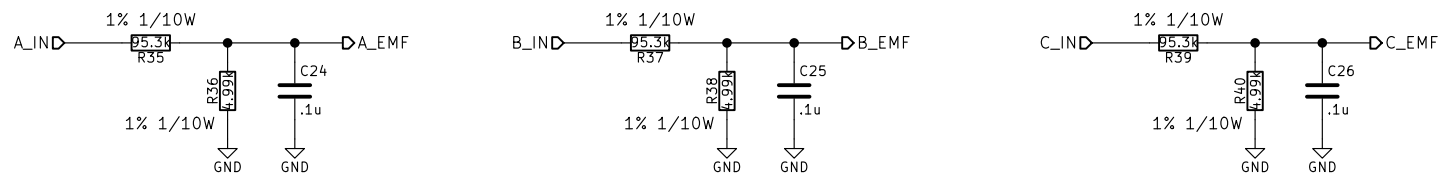
**Title:**

Size: A4 Date: Kicad E.D.A. kicad (2015-07-25 BZR 5993)-product

**Rev:**  
 Id: 6/7

This is TI's solution for sensing back-emf.  
Probably not great at low speeds due to large resistor.  
Cut-off is about 330Hz.

The microcontroller has a  
couple of comparators  
on the chip that might be  
useful with the "virtual  
reference" configuration.



Sheet: /Back EMF Sense/  
File: backemf.sch

**Title:**

Size: A4 Date: KiCad E.D.A. kicad (2015-07-25 BZR 5993)-product

Rev: Id: 7/7