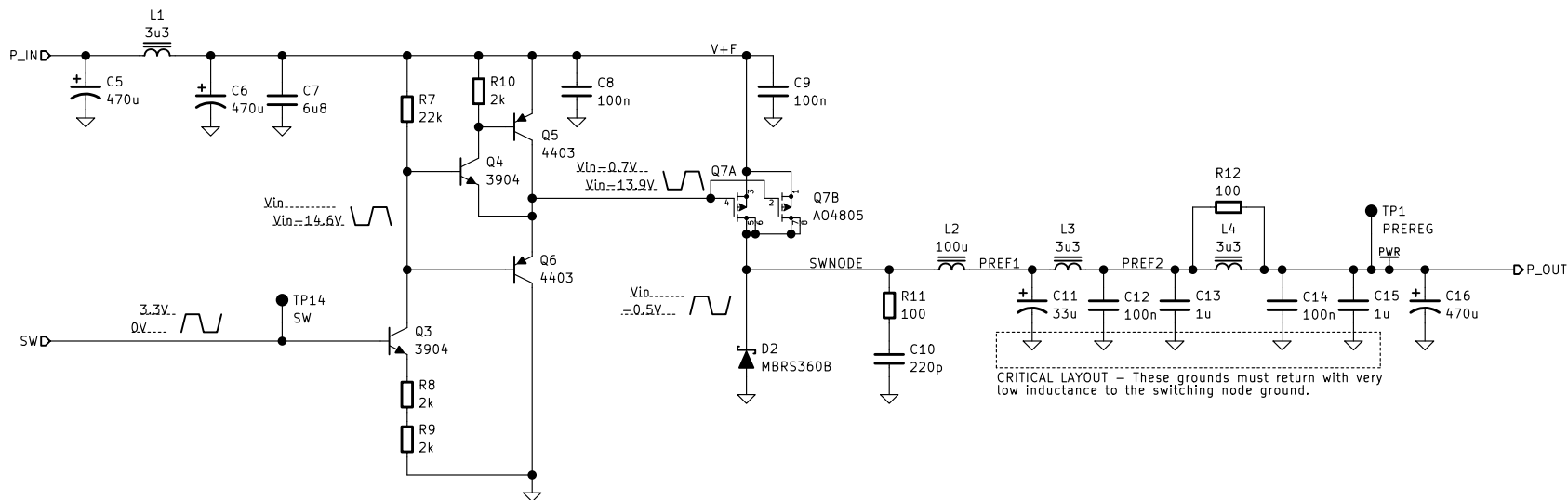


Open hardware
 CPOHL 1.0 or greater

MOD12003

Sheet: /		File: mod12003.sch	
Title: 20V, 3A hybrid power supply module			
Size: A	Date: 2015-08-18	Rev:	
KiCad E.D.A. kicad (2015-08-25 BZR 5771, Git b45910d)-product		Id: 1/6	



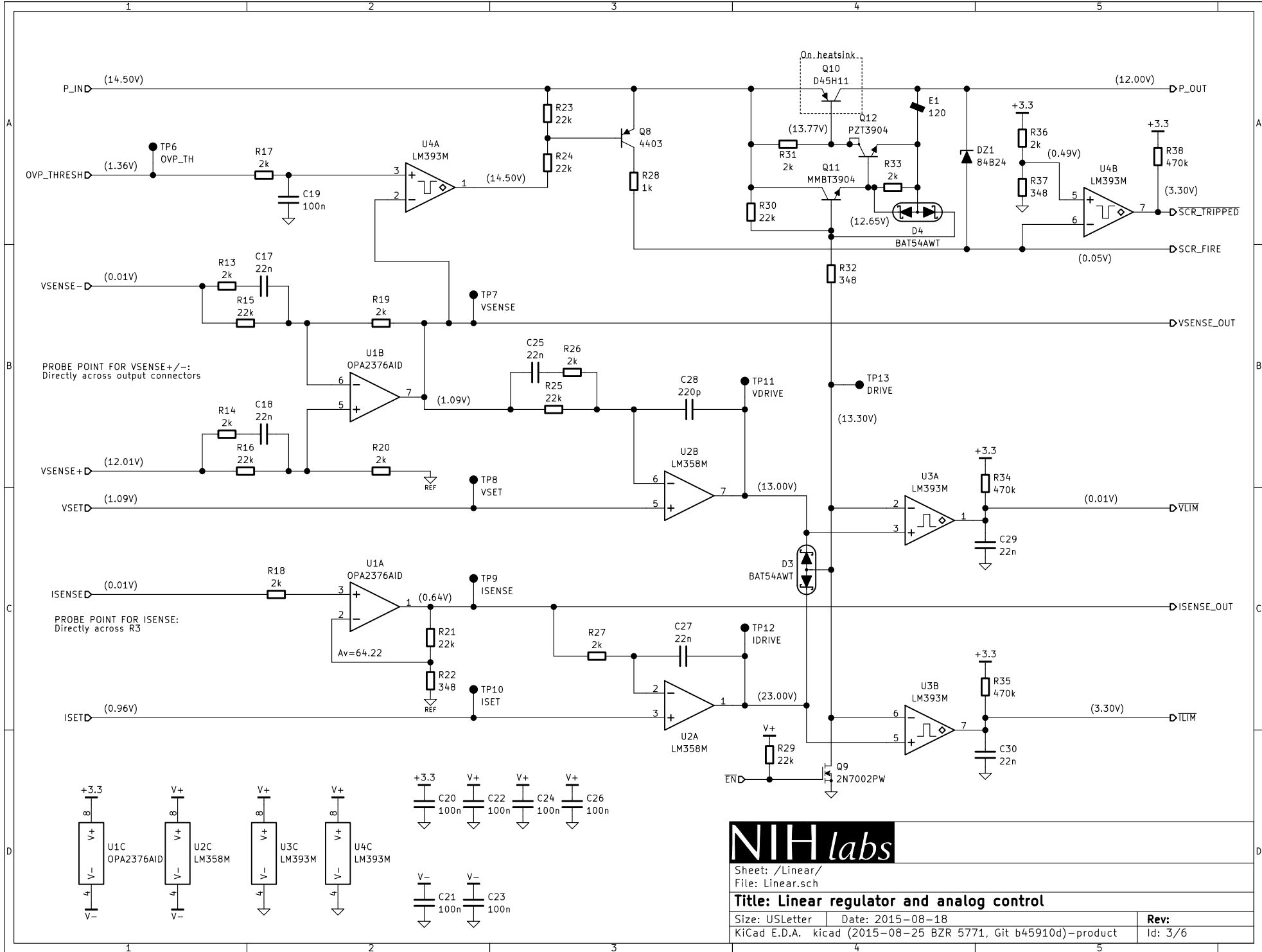
NIH labs

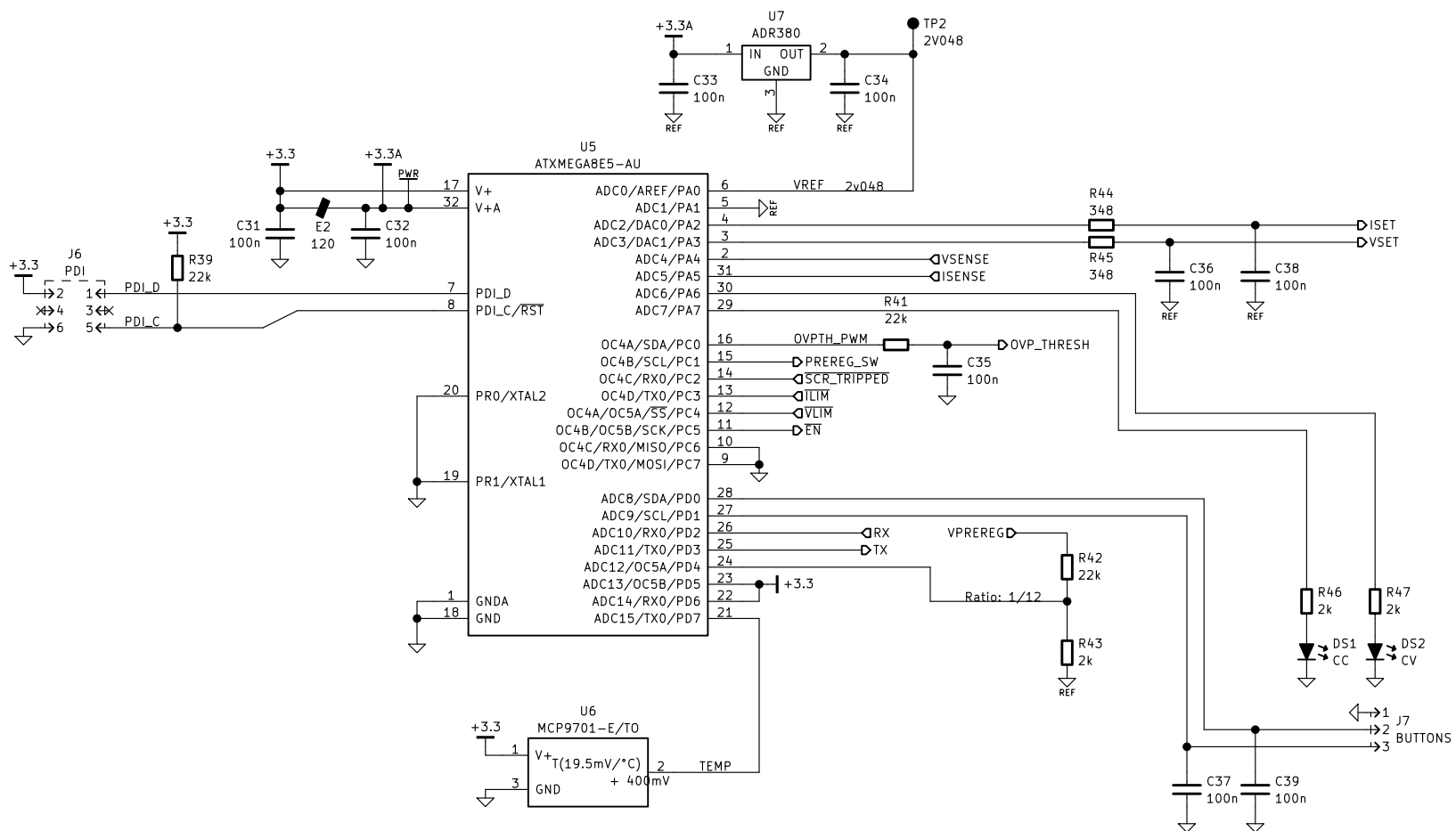
Sheet: /Preregulator/
File: Preregulator.sch

Title: Buck preregulator

Size: A	Date: 2015-08-18	Rev:
KiCad E.D.A. kicad (2015-08-25 BZR 5771, Git b45910d)-product		Id: 2/6

Test conditions:
 $V_{out} = 12V$ $V_{ovp} = 15V$
 $I_{out} = 1A$ $I_{lim} = 1.5A$





NIH labs

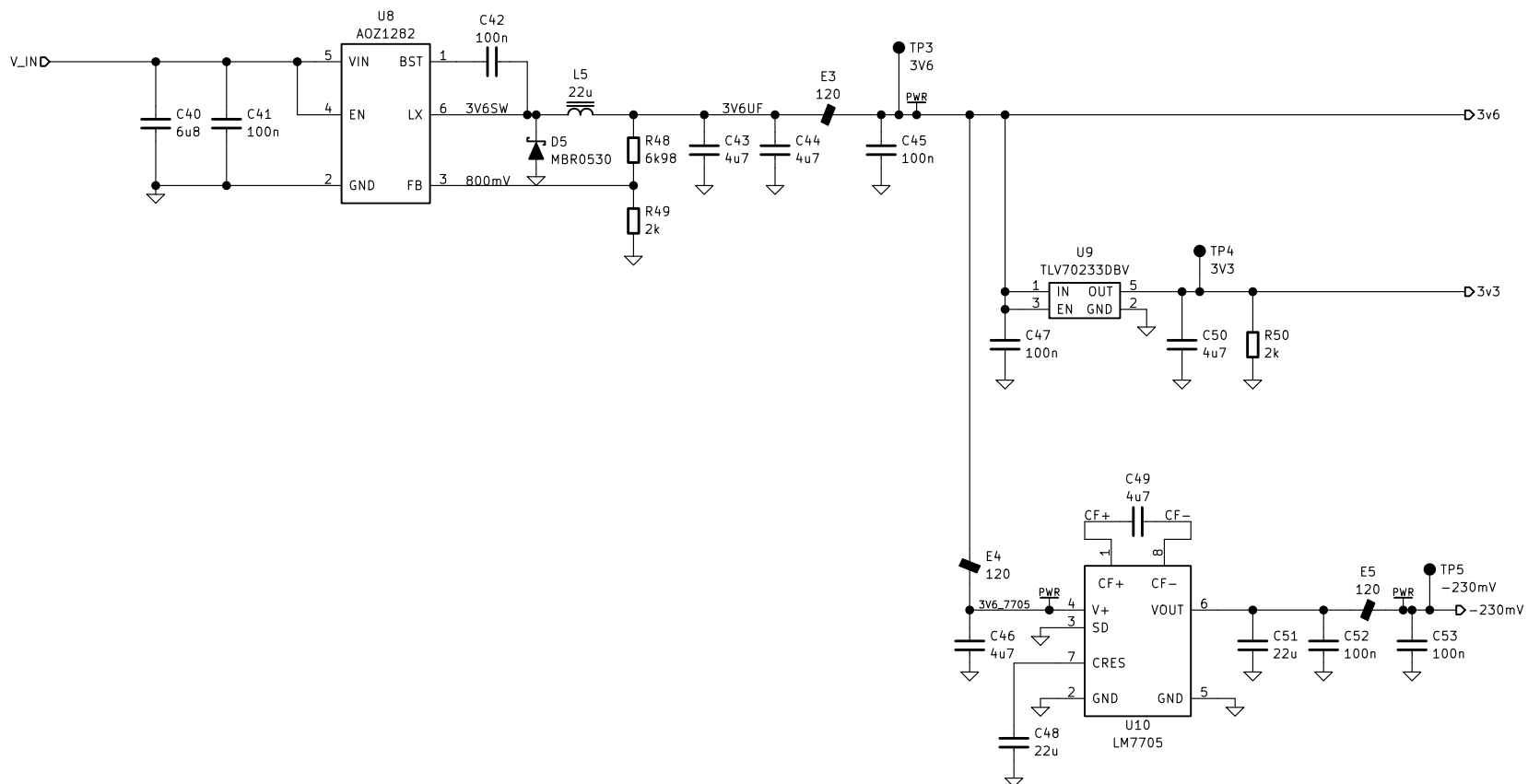
Sheet: /Control/
File: Control.sch

Title: Microcontroller, A-D, D-A

Size: USLetter Date: 2015-08-18

KiCad E.D.A. kicad (2015-08-25 BZR 5771, Git b45910d)-product

Rev:
Id: 4/6



NIH labs

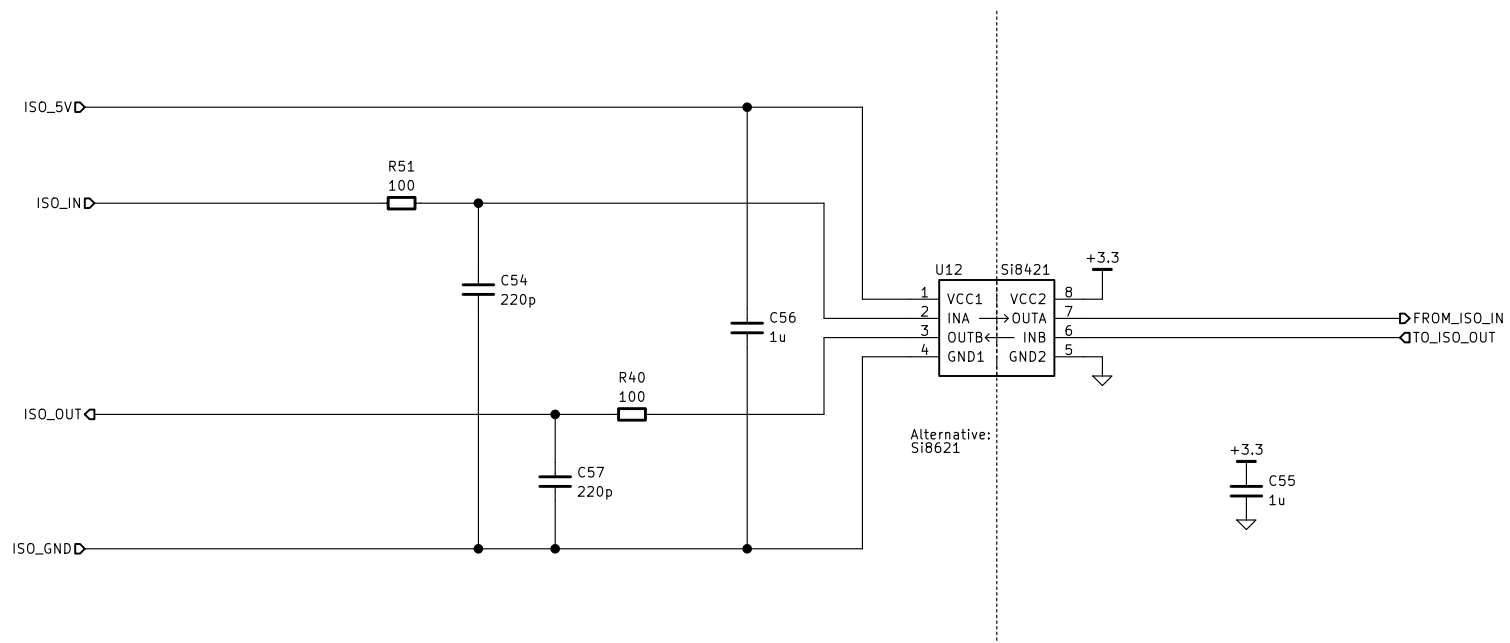
Sheet: /LocalPwr/
File: LocalPwr.sch

Title: Local power supplies

Size: A Date: 2015-08-18

KiCad E.D.A. kicad (2015-08-25 BZR 5771, Git b45910d)-product

Rev:
Id: 5/6



NIH labs

Sheet: /Iso/
File: Iso.sch

Title: Isolated control interface

Size: USLetter Date: 2015-08-18

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Rev:
Id: 6/6