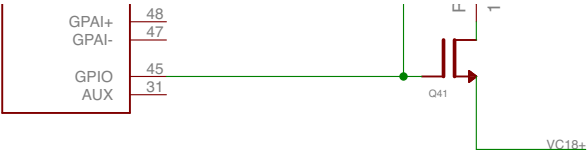


4	CB5
6	CB4
8	CB3
10	CB2
12	CB1

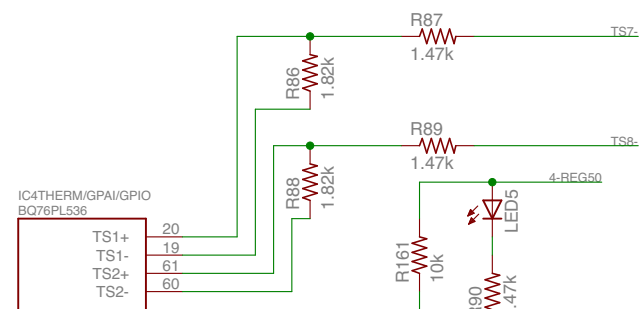
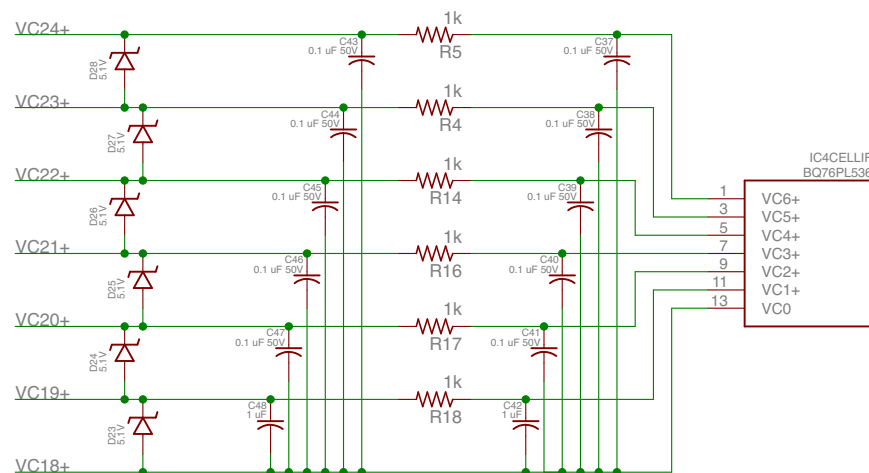


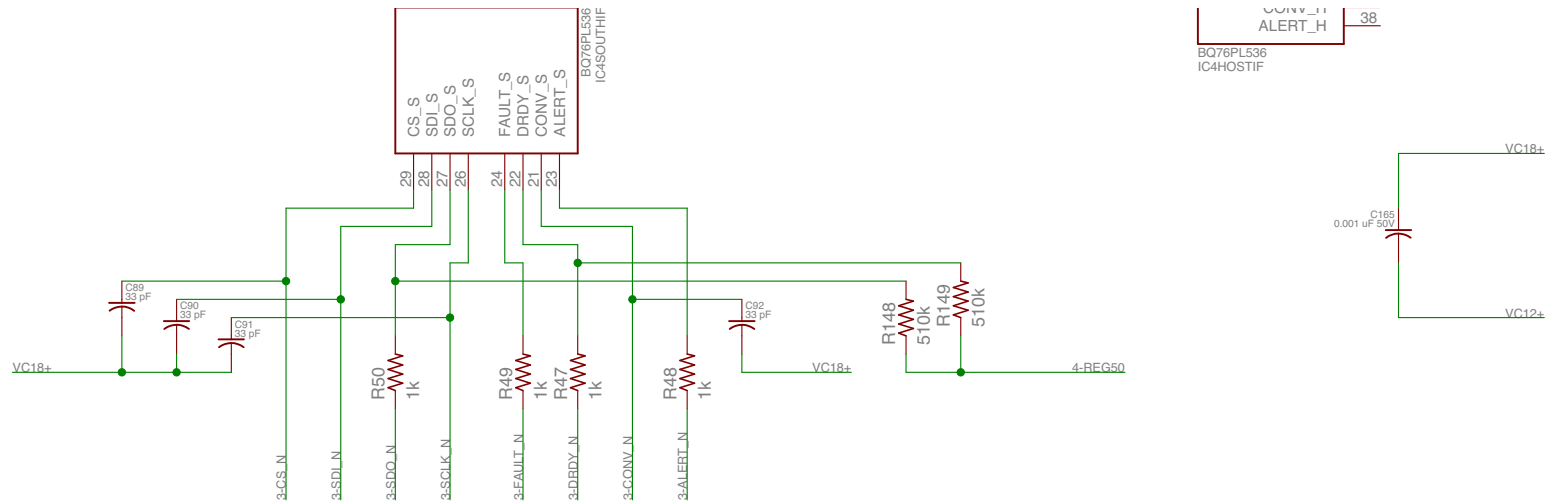
Device #4 cell interface, balancing, thermistors, GPIO

**RELEASE**



Board: Battery Interface Module  
 Drawn by Aaron Bonnell-Kangas  
 Revision date: v2.0.2 - 2016-02-28  
 Last modified date: 2/28/16 11:41 PM

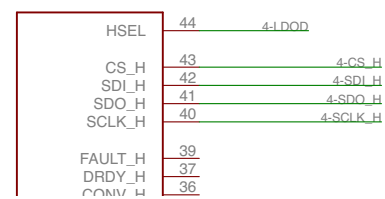




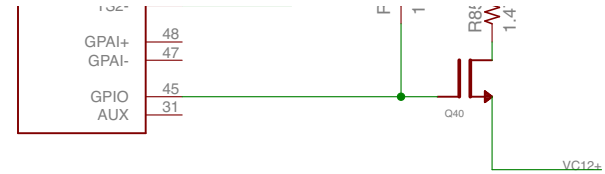
Device #4 stack comms + power  
**RELEASE**



Board: Battery Interface Module  
 Drawn by Aaron Bonnell-Kangas  
 Revision date: v2.0.2 - 2016-02-28  
 Last modified date: 2/28/16 11:41 PM



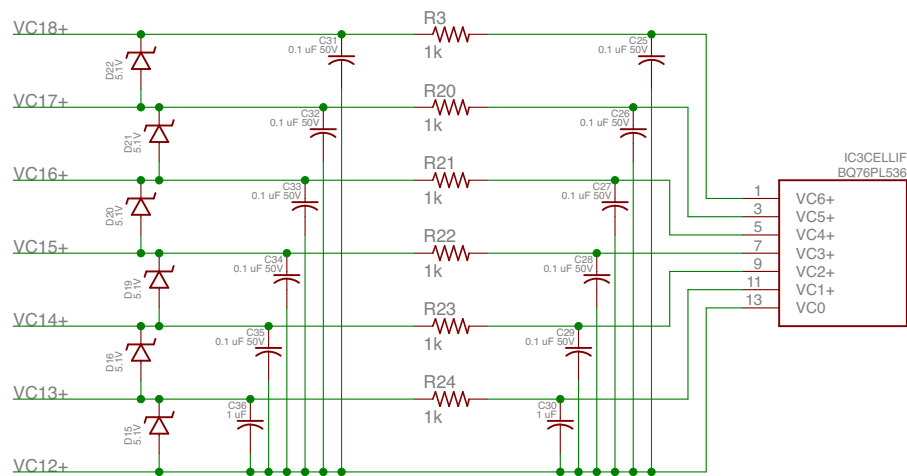
2	CB6
4	CB5
6	CB4
8	CB3
10	CB2
12	CB1



Device #3 cell interface, balancing, thermistors, GPIO  
**RELEASE**



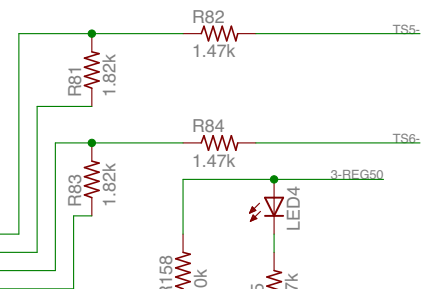
Board: Battery Interface Module  
Drawn by Aaron Bonnell-Kangas  
Revision date: v2.0.2 - 2016-02-28  
Last modified date: 2/28/16 11:41 PM

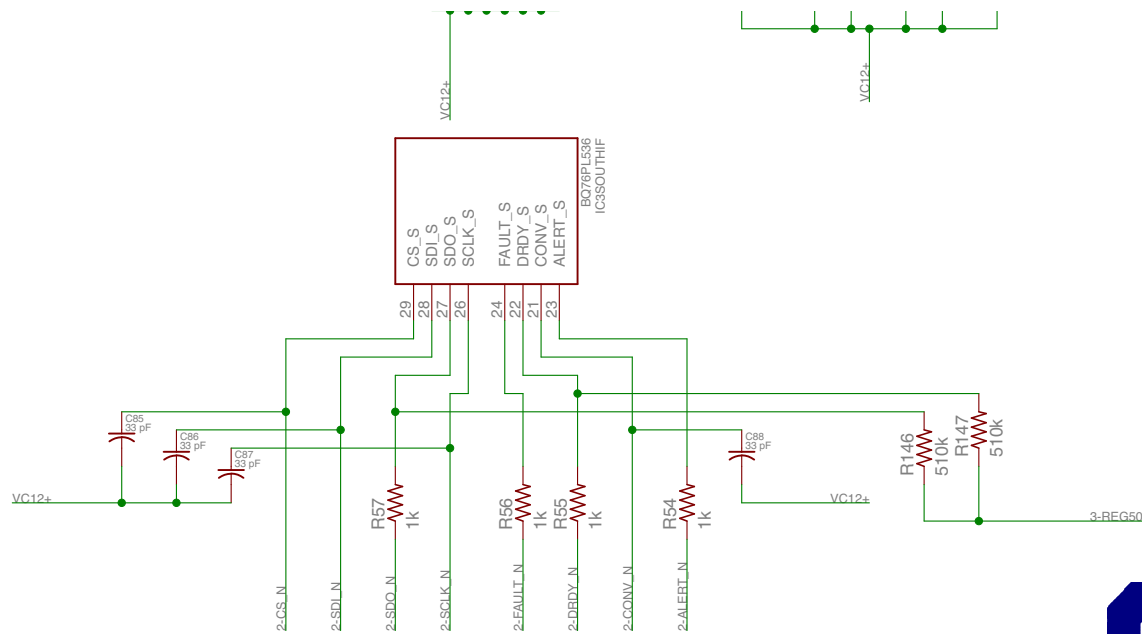


IC3BALANCEIF  
BQ76PL536

IC3THERM/GPAI/GPIO  
BQ76PL536

TS1+ 20  
TS1- 19  
TS2+ 61  
TS2- 60



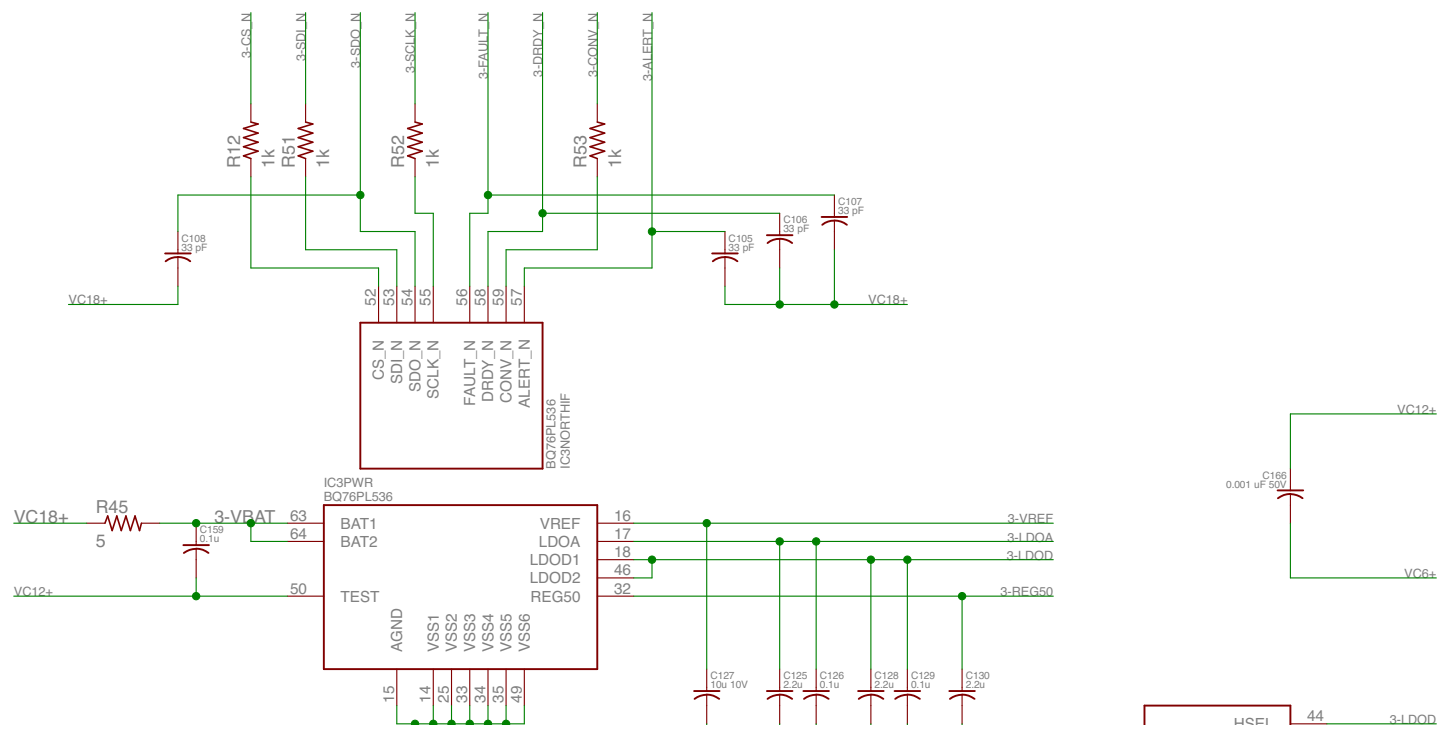


Device #3 stack comms + power  
**RELEASE**

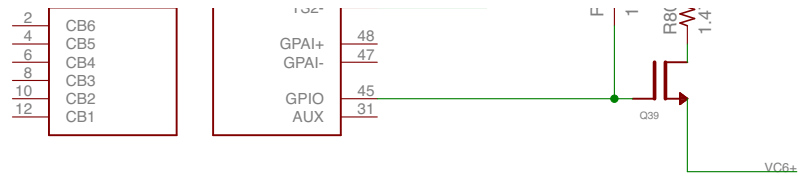


Board: Battery Interface Module  
 Drawn by Aaron Bonnell-Kangas  
 Revision date: v2.0.2 - 2016-02-28  
 Last modified date: 2/28/16 11:41 PM

IC3SOUTHIF	IC3SOUTHIF
CS_H	43
SDI_H	42
SDO_H	41
SCLK_H	40
FAULT_H	39
DRDY_H	37
CONV_H	36
ALERT_H	38



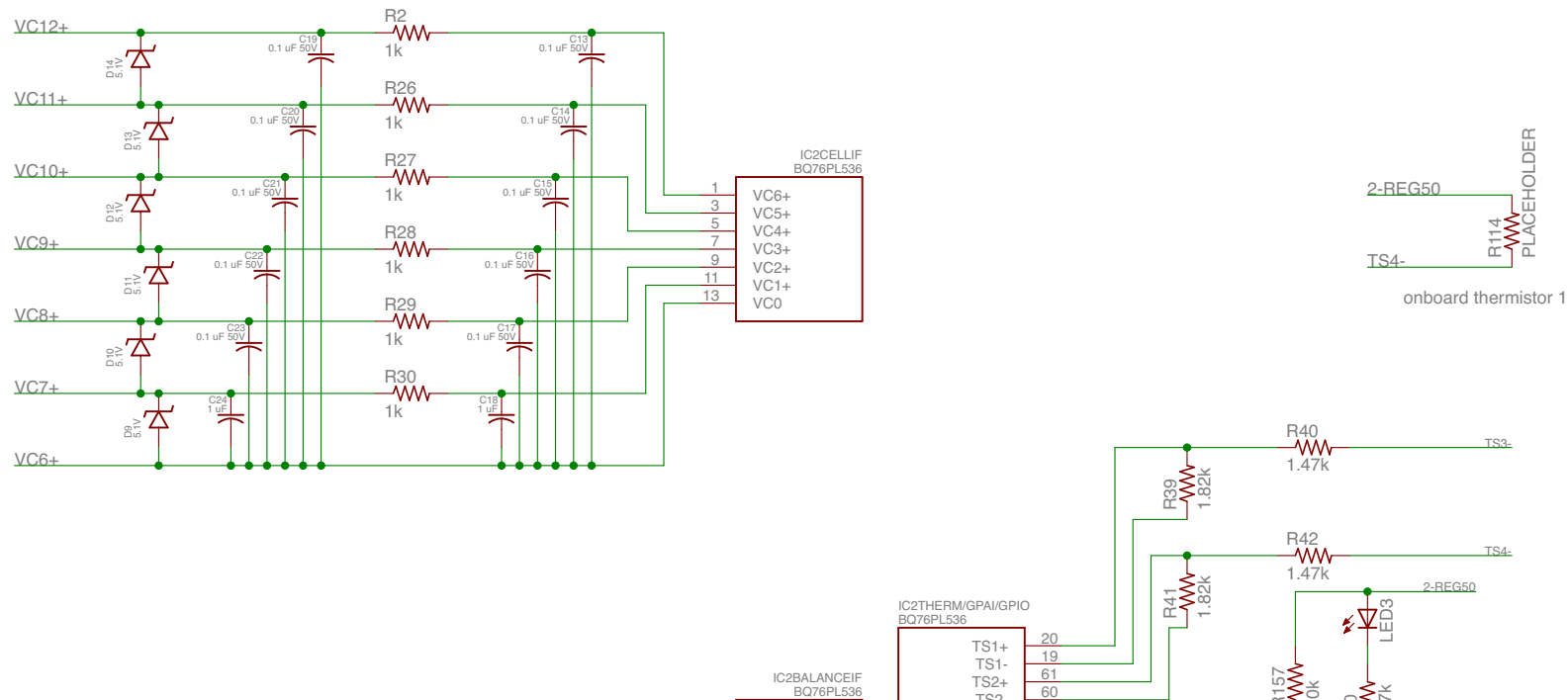


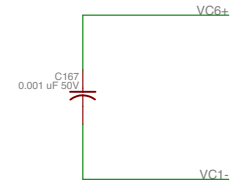
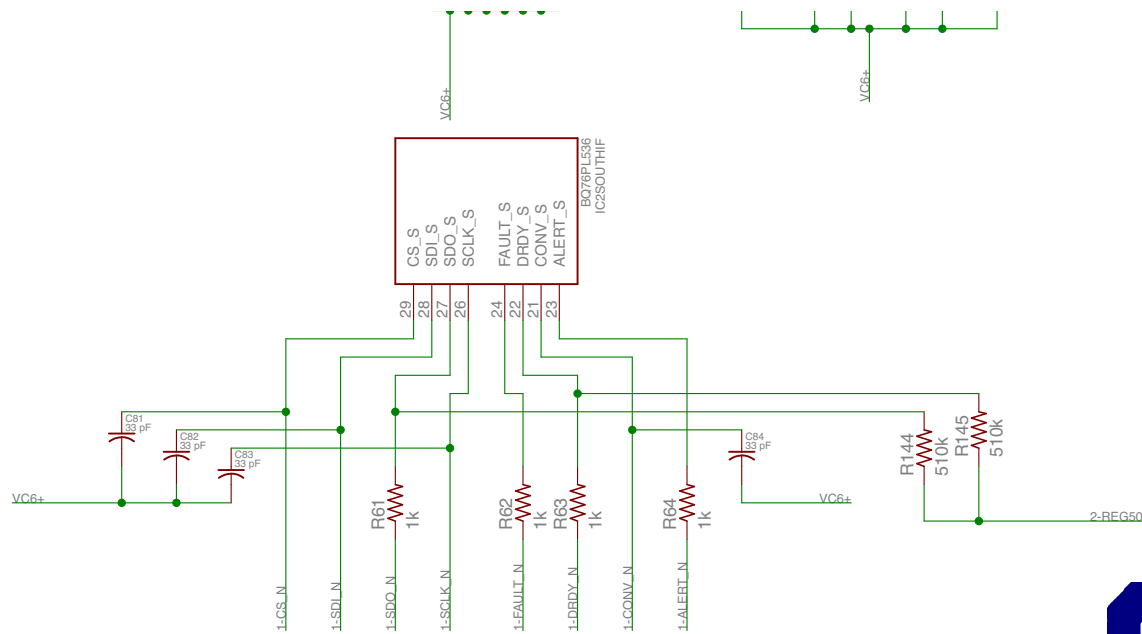


Device #2 cell interface, balancing, thermistors, GPIO  
**RELEASE**



Board: Battery Interface Module  
Drawn by Aaron Bonnell-Kangas  
Revision date: v2.0.2 - 2016-02-28  
Last modified date: 2/28/16 11:41 PM

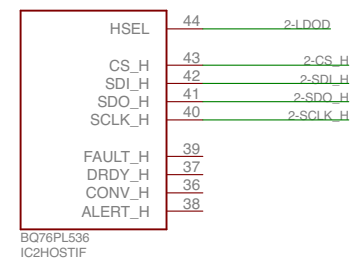
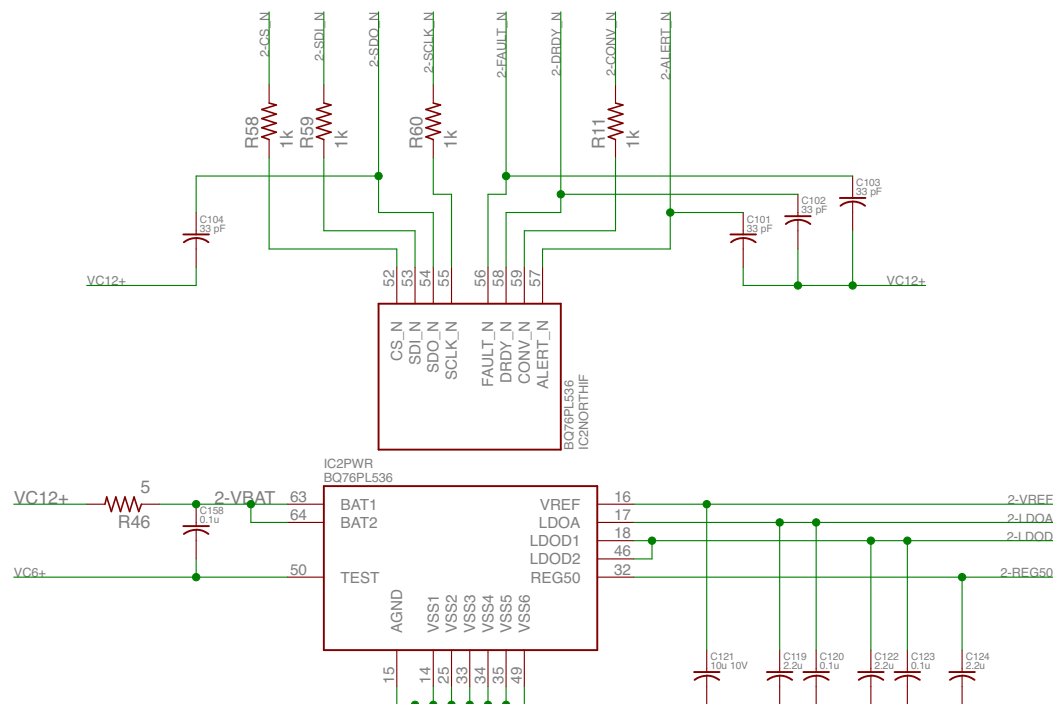


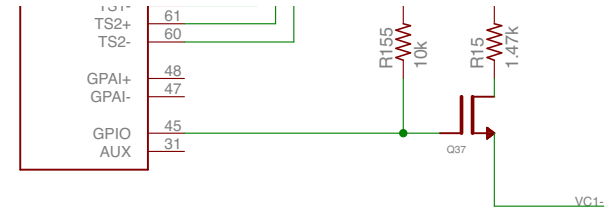
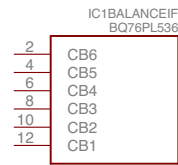


Device #2 stack comms + power  
**RELEASE**



Board: Battery Interface Module  
Drawn by Aaron Bonnell-Kangas  
Revision date: v2.0.2 - 2016-02-28  
Last modified date: 2/28/16 11:41 PM

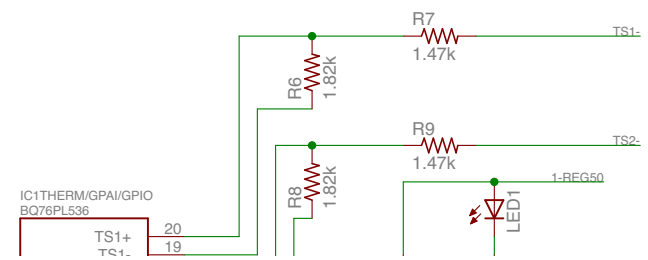
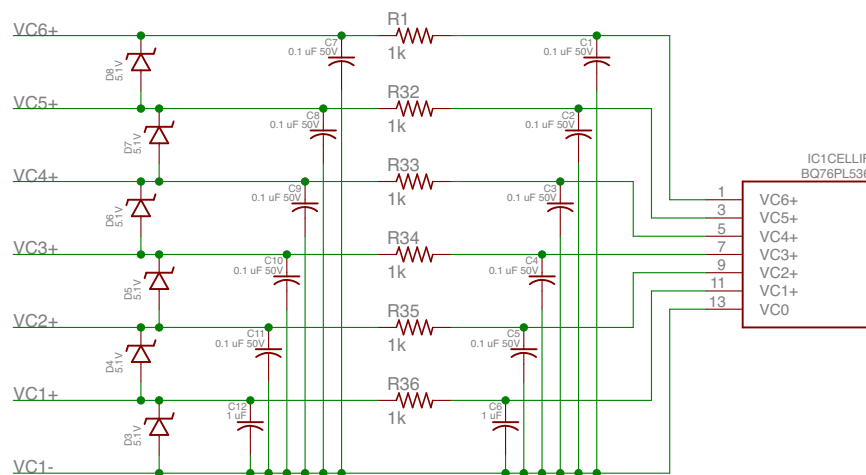




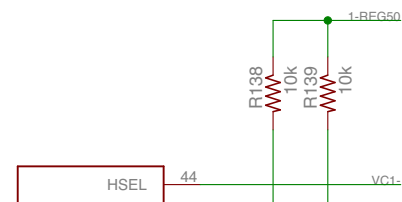
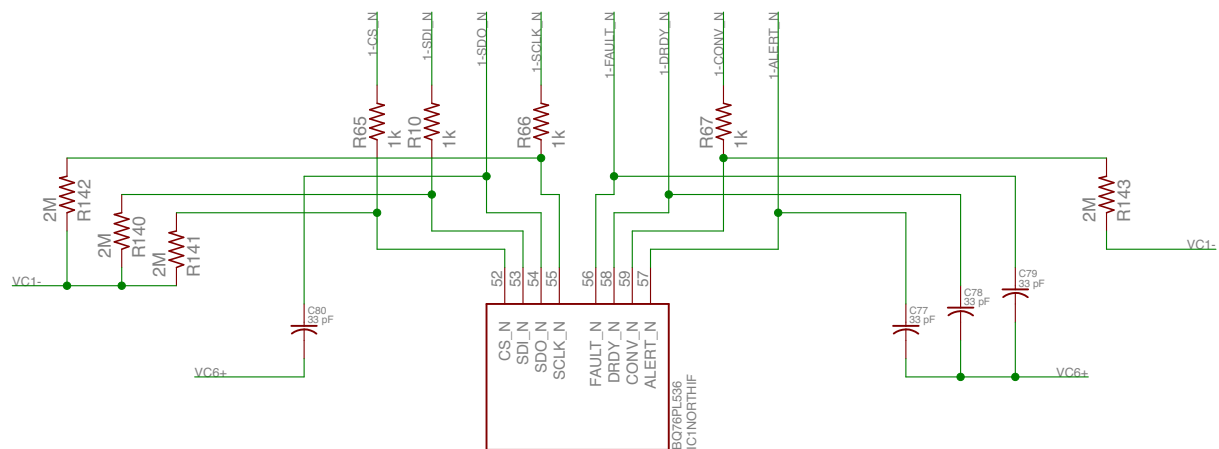
Device #1 cell interface, balancing, thermistors, GPIO  
**RELEASE**



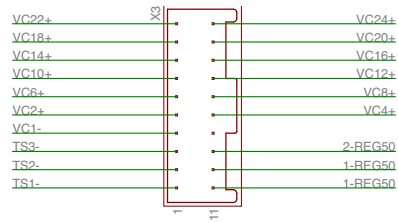
Board: Battery Interface Module  
Drawn by Aaron Bonnell-Kangas  
Revision date: v2.0.2 - 2016-02-28  
Last modified date: 2/28/16 11:41 PM











Cell and thermistor connectors

**RELEASE**

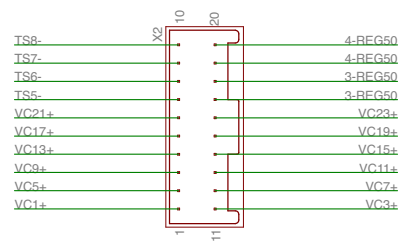


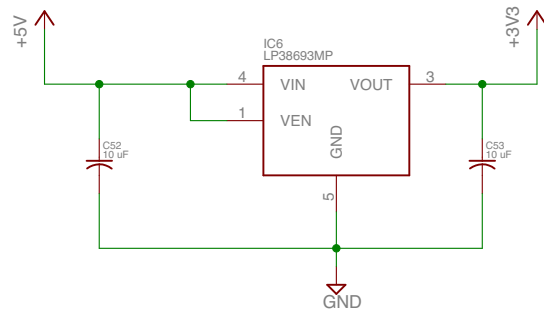
Board: Battery Interface Module

Drawn by Aaron Bonnell-Kangas

Revision date: v2.0.2 - 2016-02-28

Last modified date: 2/28/16 11:41 PM

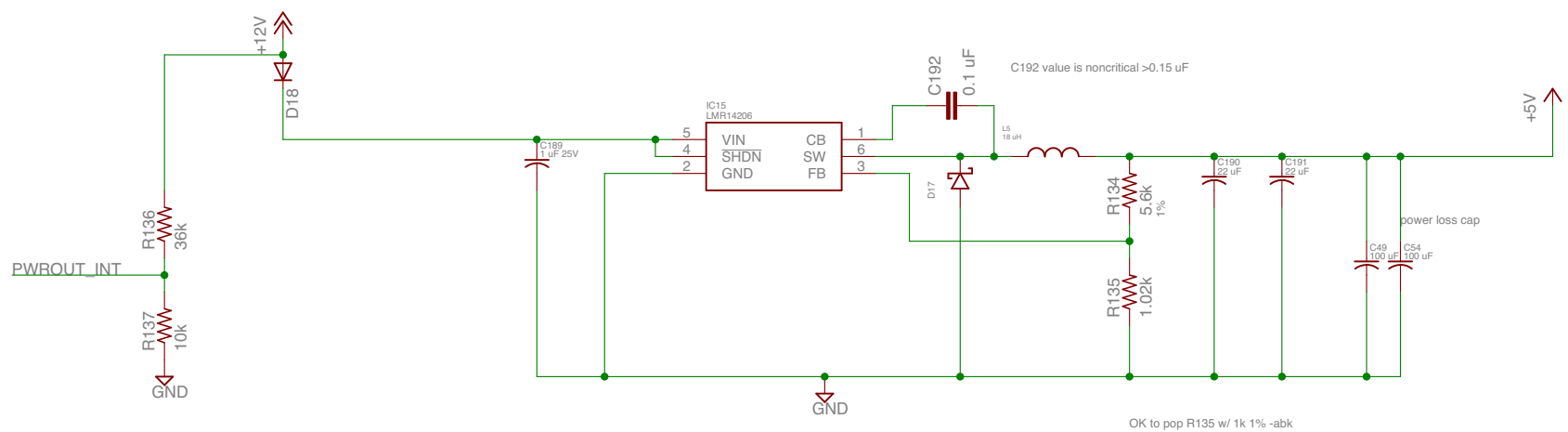




12V - 5V, 5V-3V3 power  
**RELEASE**

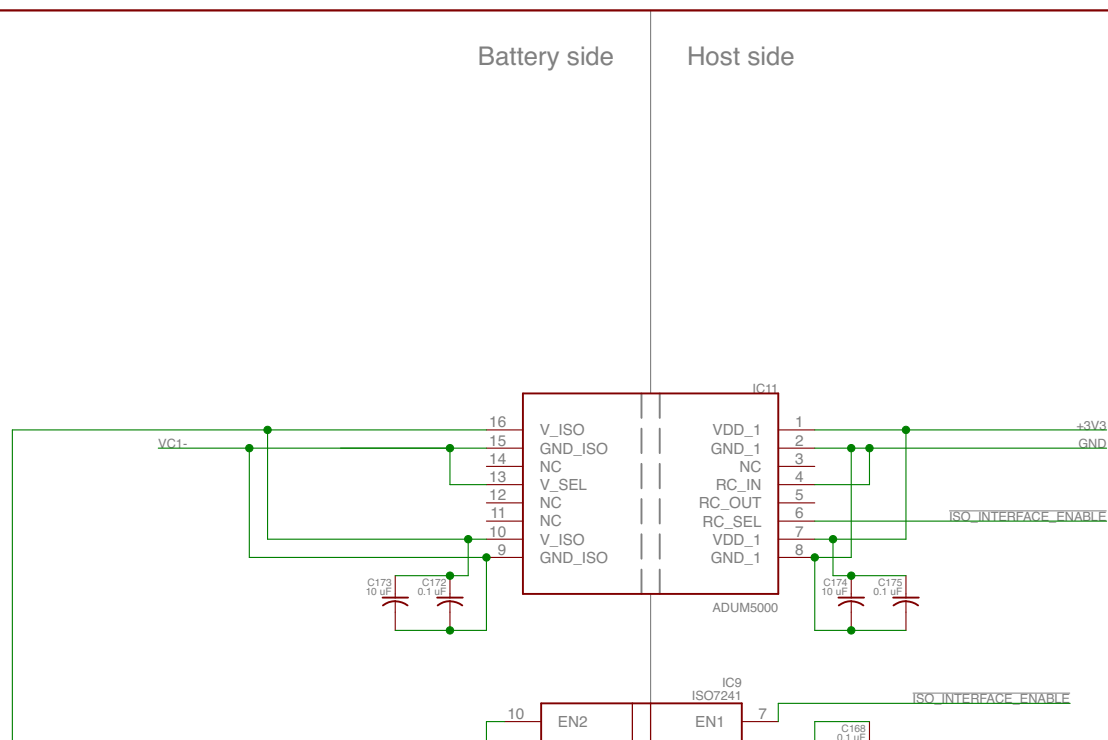


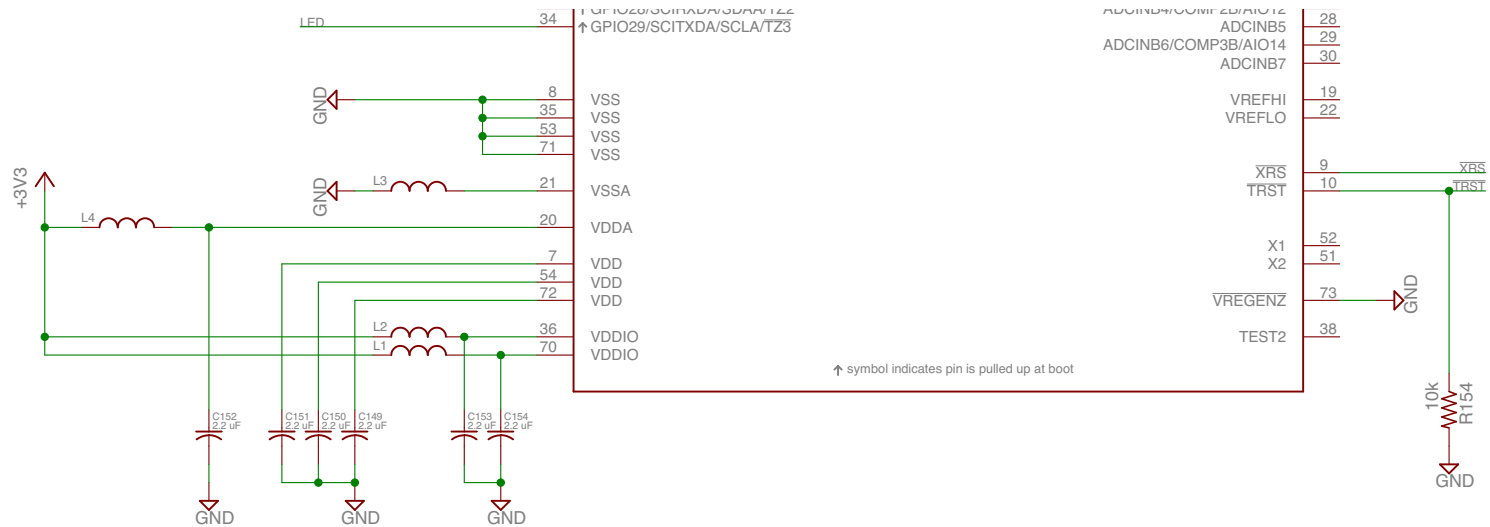
Board: Battery Interface Module  
Drawn by Aaron Bonnell-Kangas  
Revision date: v2.0.2 - 2016-02-28  
Last modified date: 2/28/16 11:41 PM





Board: Battery Interface Module  
 Drawn by Aaron Bonnell-Kangas  
 Revision date: v2.0.2 - 2016-02-28  
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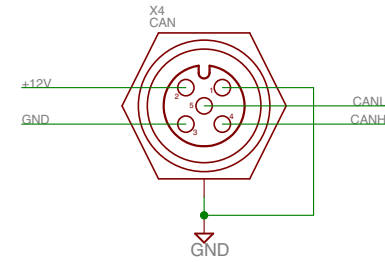
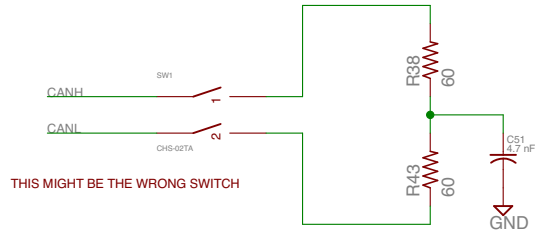
F28035 connections  
**RELEASE**



Board: Battery Interface Module  
 Drawn by Aaron Bonnell-Kangas  
 Revision date: v2.0.2 - 2016-02-28  
 Last modified date: 2/28/16 11:41 PM



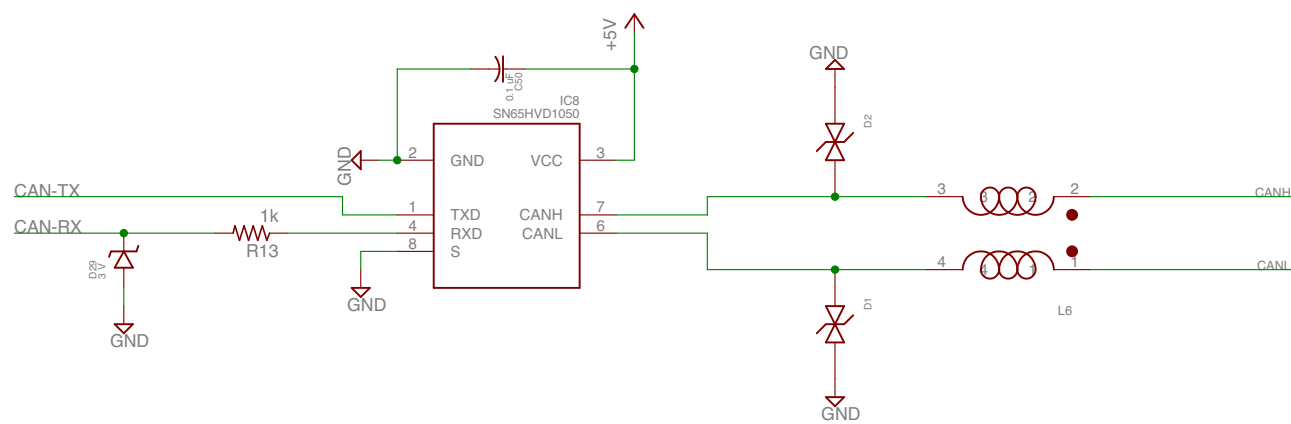


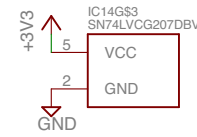
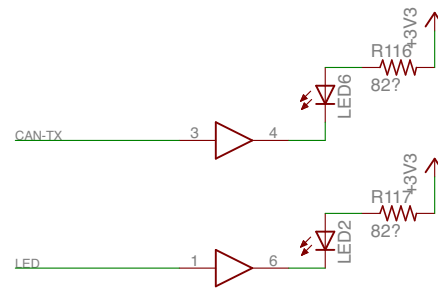


CAN interface and termination  
**RELEASE**



Board: **Battery Interface Module**  
 Drawn by Aaron Bonnell-Kangas  
 Revision date: v2.0.2 - 2016-02-28  
 Last modified date: 2/28/16 11:41 PM

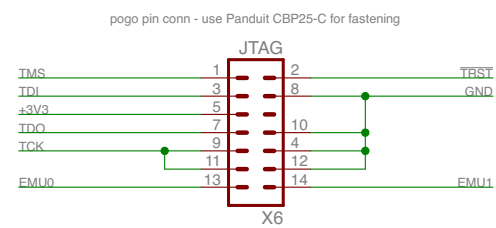




JTAG, LEDs  
**RELEASE**



Board: Battery Interface Module  
Drawn by Aaron Bonnell-Kangas  
Revision date: v2.0.2 - 2016-02-28  
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Test points  
**RELEASE**



Board:  
Drawn by  
Revision date:  
Last modified date: 2/28/16 11:41 PM

