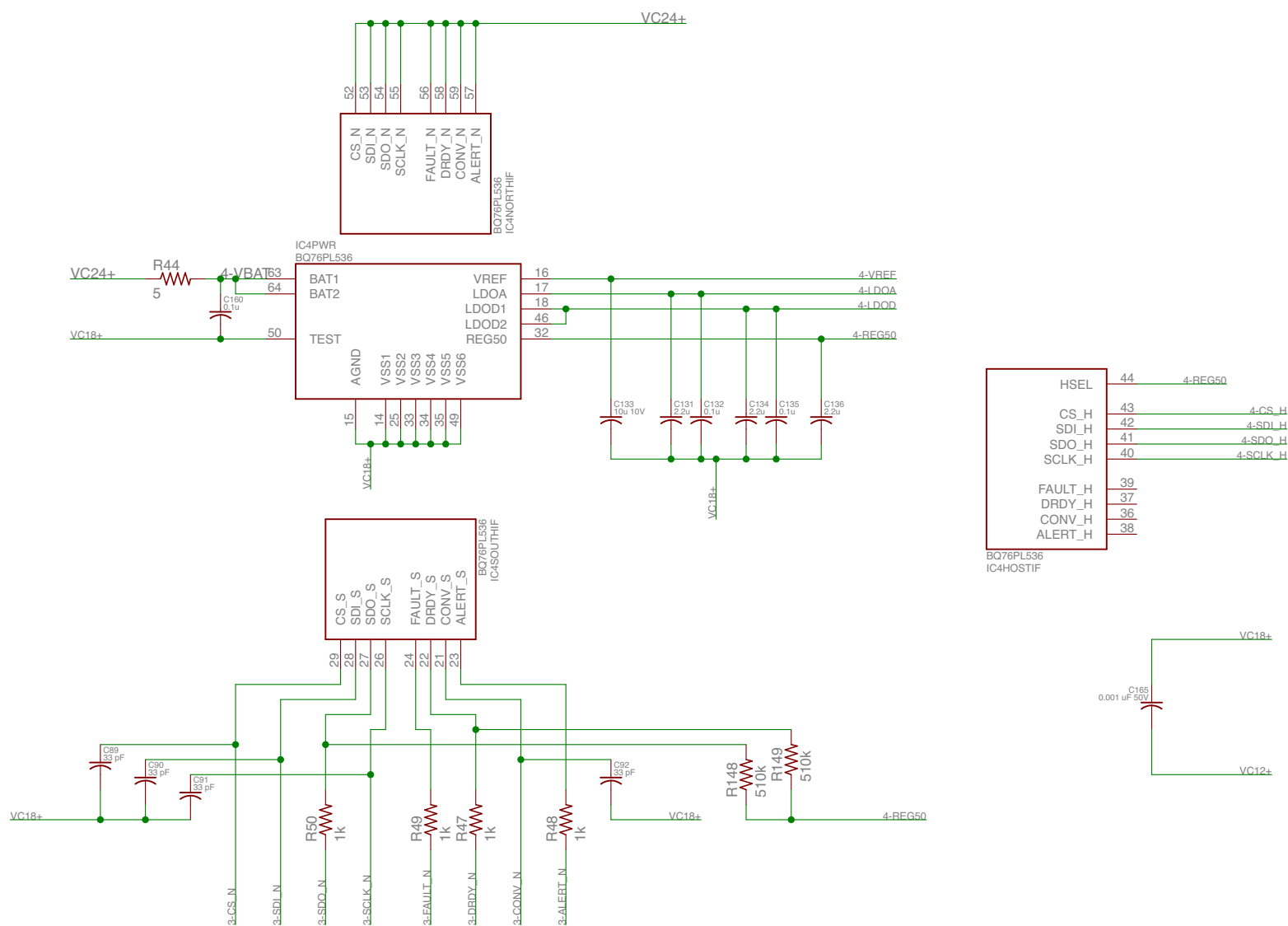


Device #4 cell interface, balancing, thermistors, GPIO
RELEASE



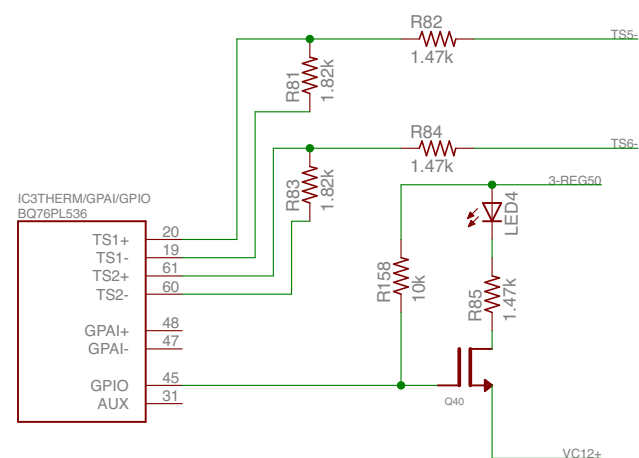
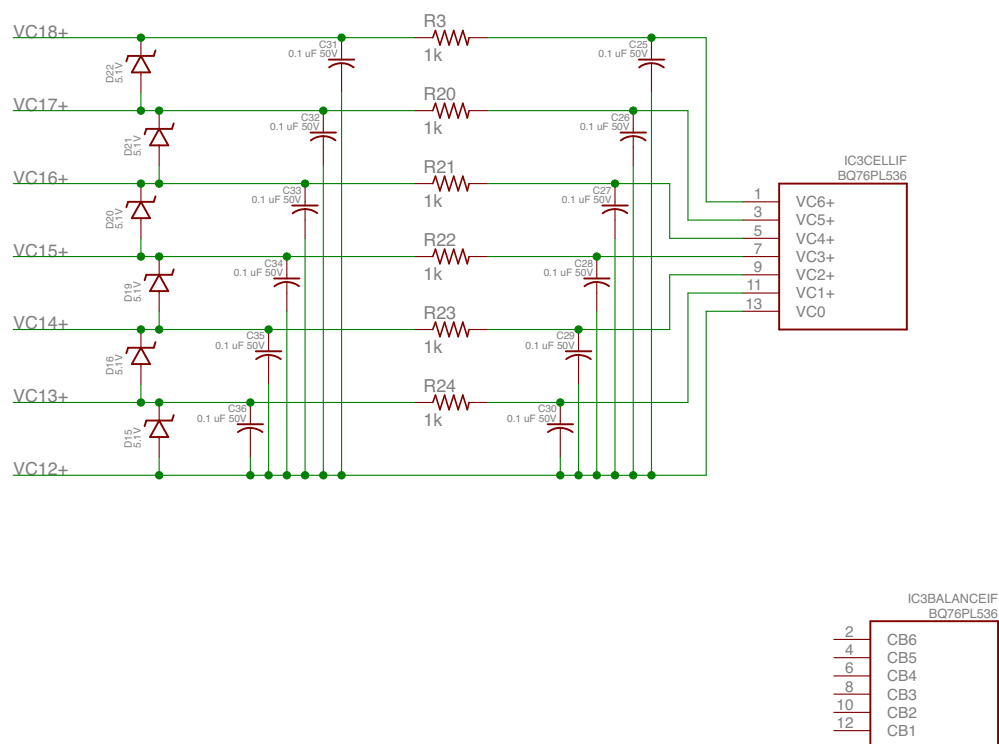
Board: Battery Interface Module
Drawn by Aaron Bonnell-Kangas
Revision date: v2.0.0 - 2015-03-30
Last modified date: not saved!



Device #4 stack comms + power
RELEASE



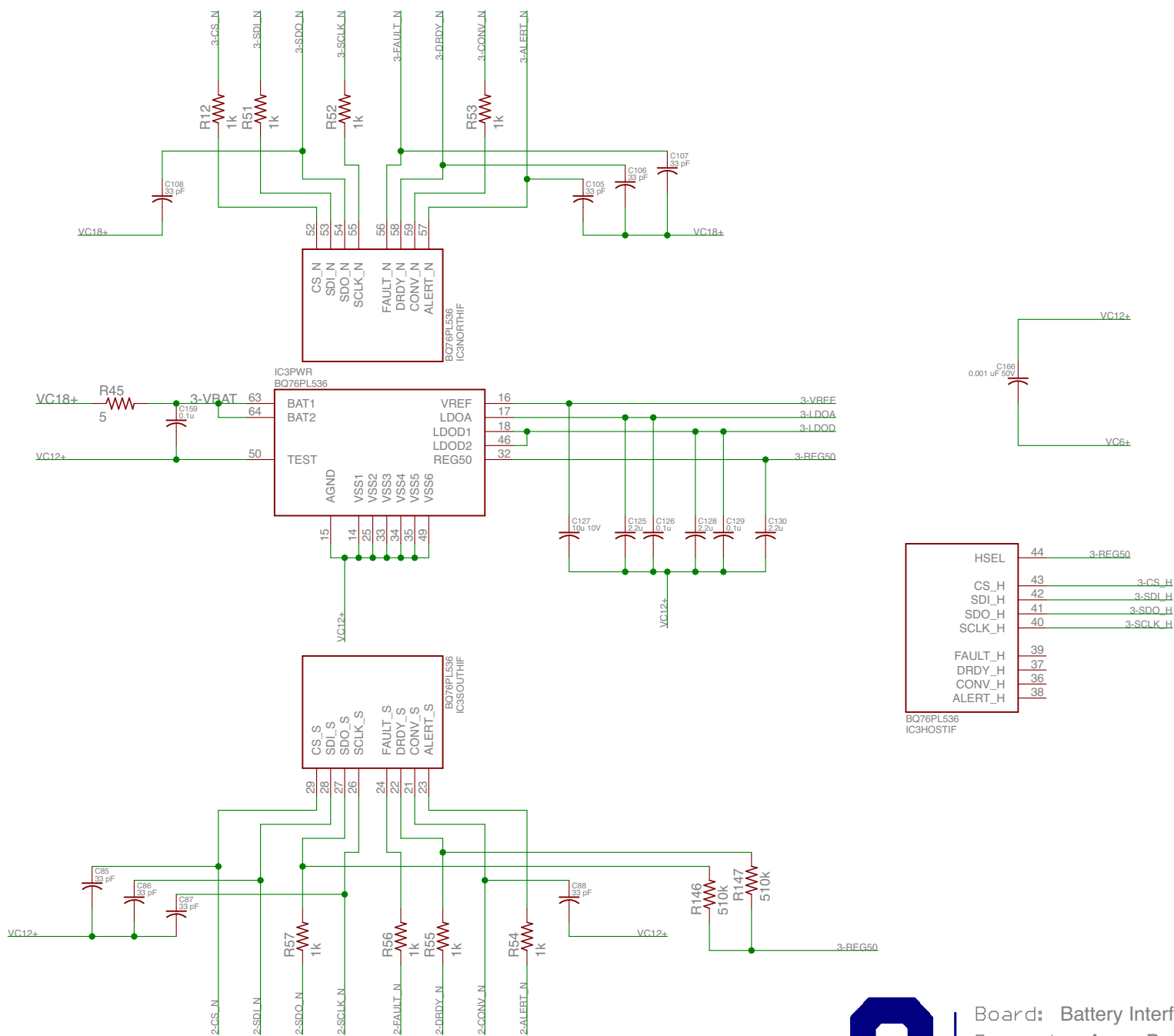
Board: Battery Interface Module
 Drawn by Aaron Bonnell-Kangas
 Revision date: v2.0.0 - 2015-03-30
 Last modified date: not saved!



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



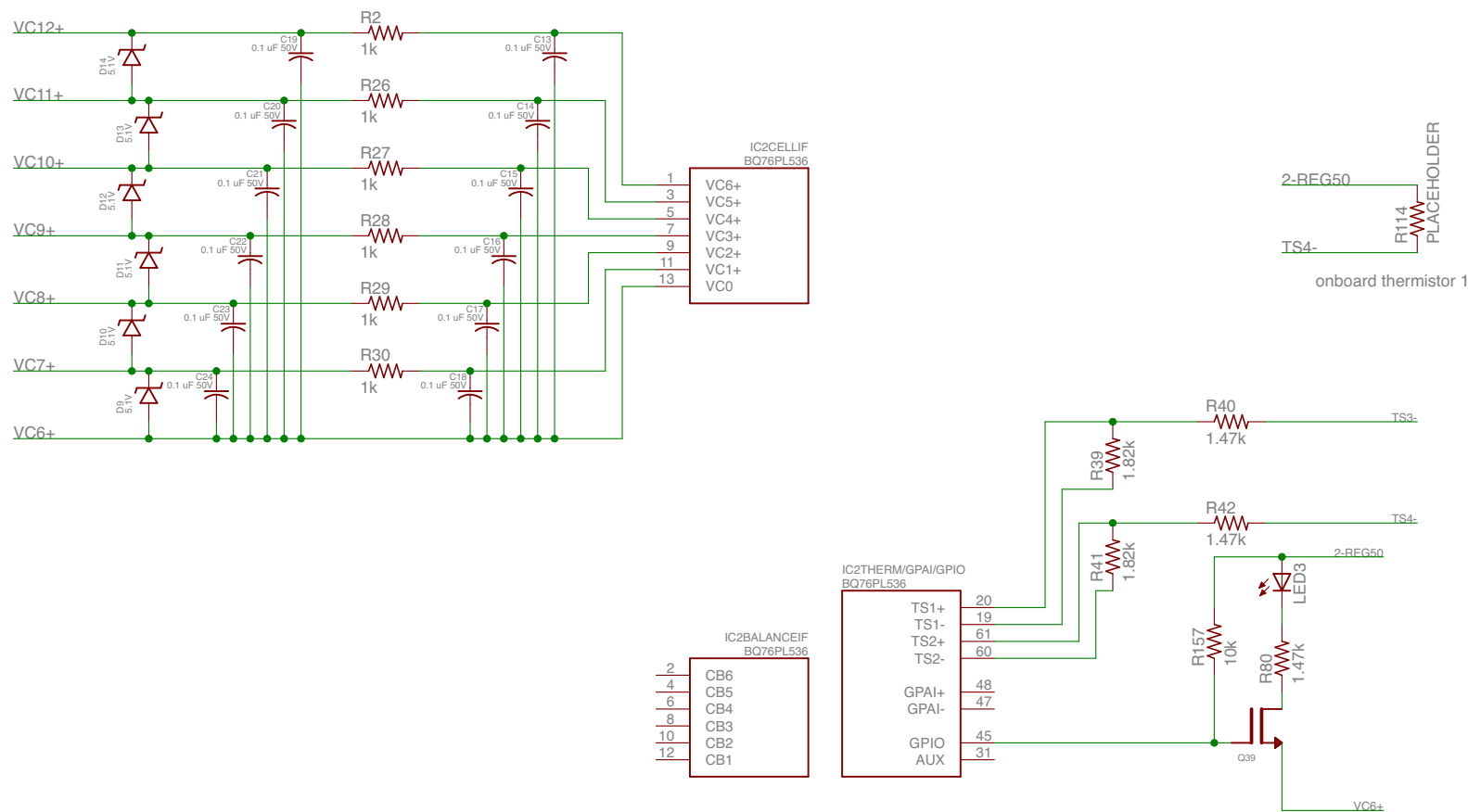
Board: Battery Interface Module
 Drawn by Aaron Bonnell-Kangas
 Revision date: v2.0.0 - 2015-03-30
 Last modified date: not saved!



Device #3 stack comms + power
RELEASE



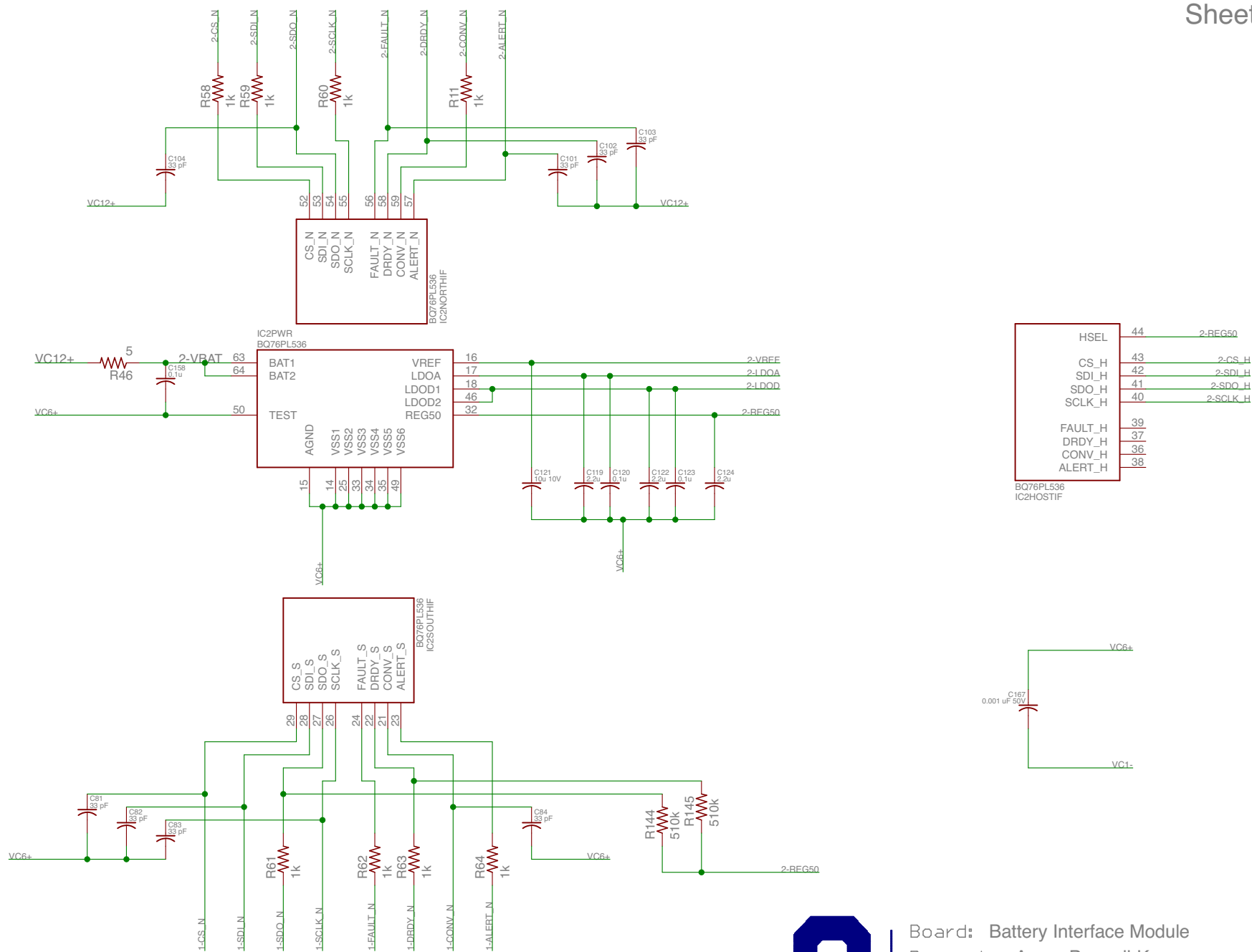
Board: Battery Interface Module
 Drawn by Aaron Bonnell-Kangas
 Revision date: v2.0.0 - 2015-03-30
 Last modified date: not saved!



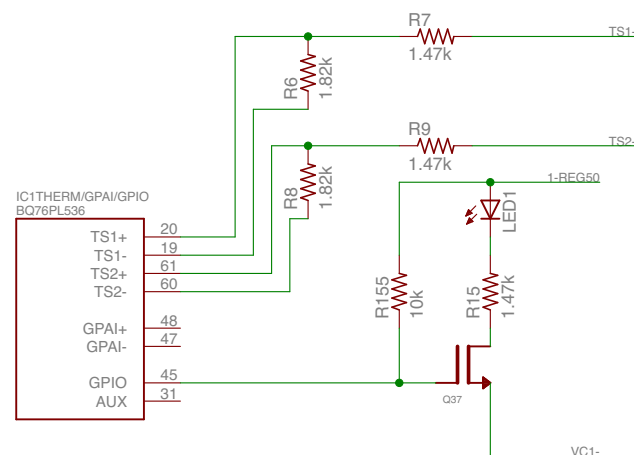
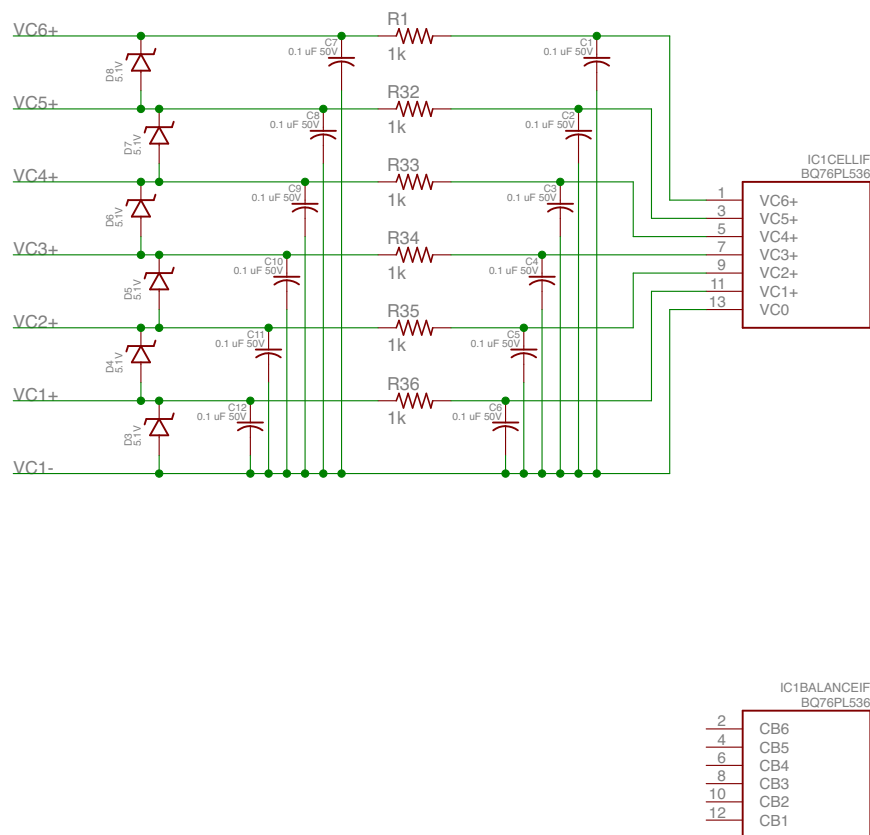
Device #2 cell interface, balancing, thermistors, GPIO



Board: Battery Interface Module
 Drawn by Aaron Bonnell-Kangas
 Revision date: v2.0.0 - 2015-03-30
 Last modified date: not saved!



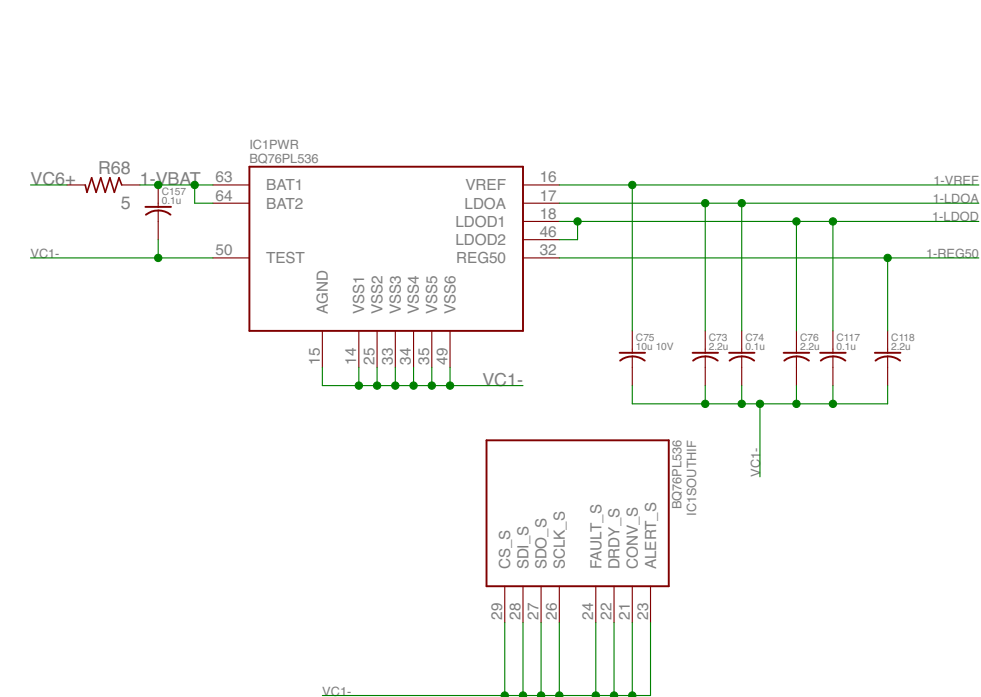
Board: Battery Interface Module
 Drawn by Aaron Bonnell-Kangas
 Revision date: v2.0.0 - 2015-03-30
 Last modified date: not saved!



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



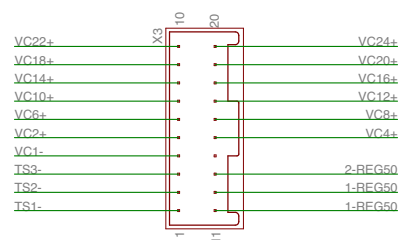
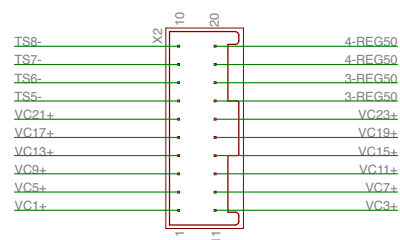
Board: Battery Interface Module
 Drawn by Aaron Bonnell-Kangas
 Revision date: v2.0.0 - 2015-03-30
 Last modified date: not saved!

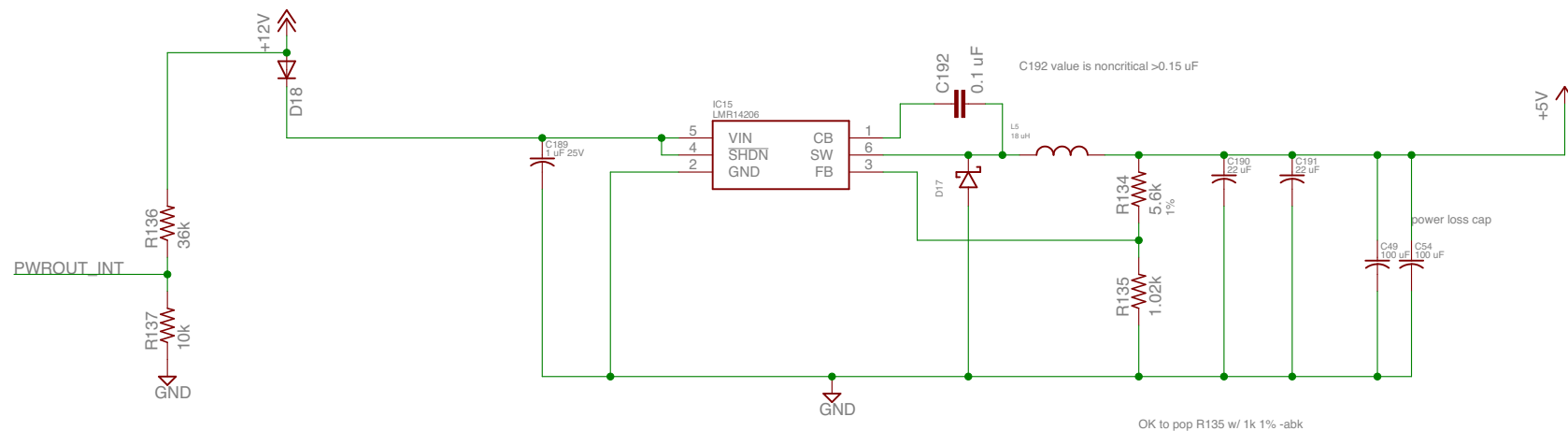


RELEASE



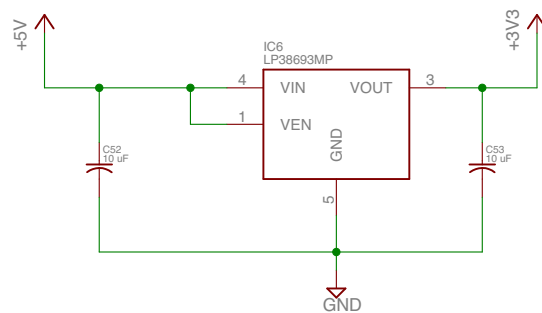
Board: Battery Interface Module
 Drawn by Aaron Bonnell-Kangas
 Revision date: v2.0.0 - 2015-03-30
 Last modified date: not saved!





OK to pop R135 w/ 1k 1% -abk

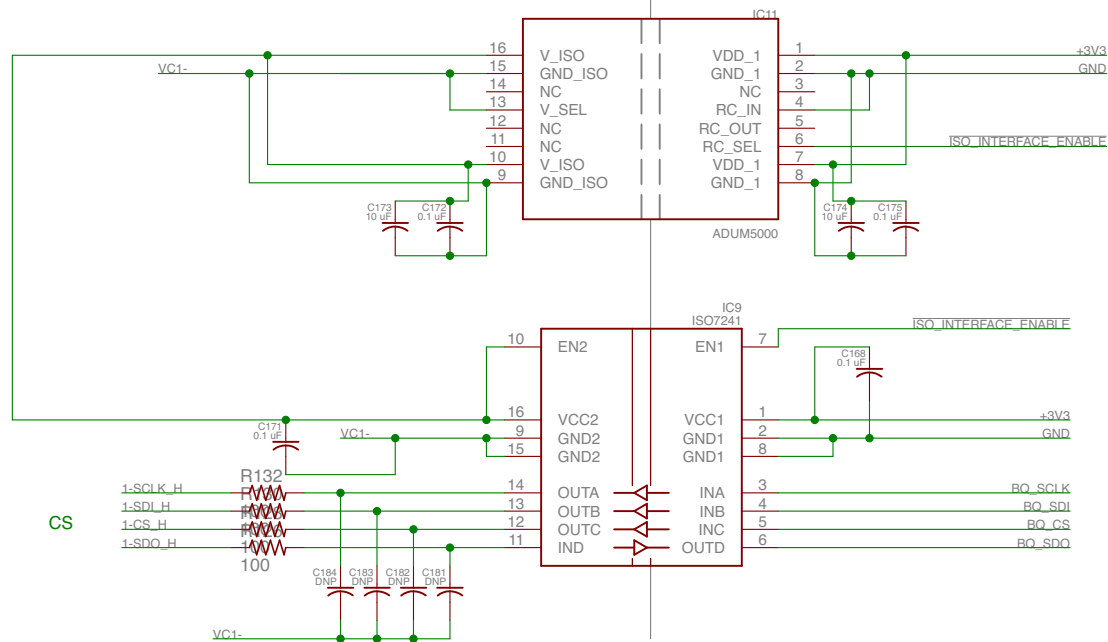
ref. WEBENCH design



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



Board: Battery Interface Module
Drawn by Aaron Bonnell-Kangas
Revision date: v2.0.0 - 2015-03-30
Last modified date: not saved!

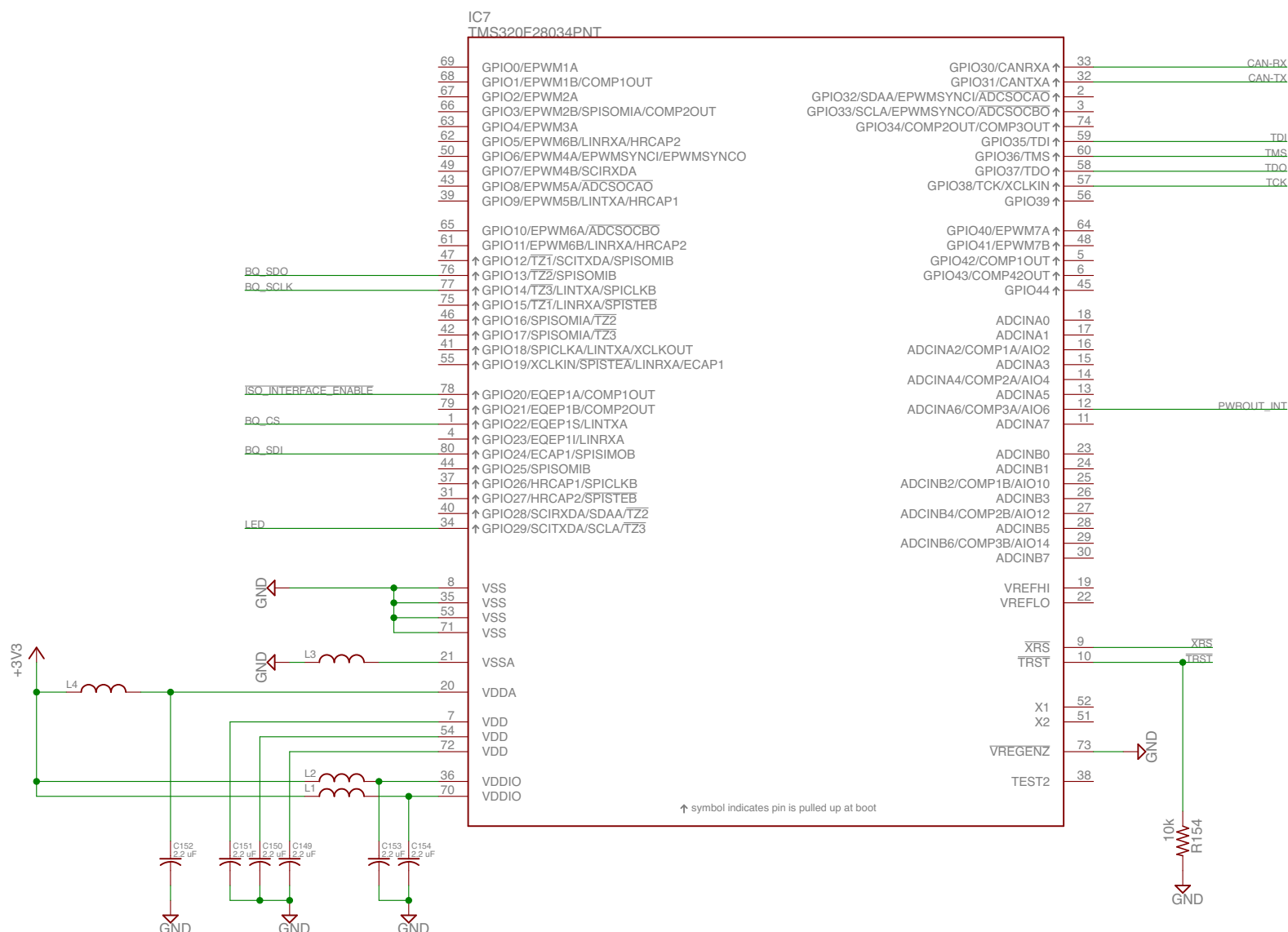


C181-C188 DNP UNLESS EMERGENCY

Isolated comms interface
RELEASE



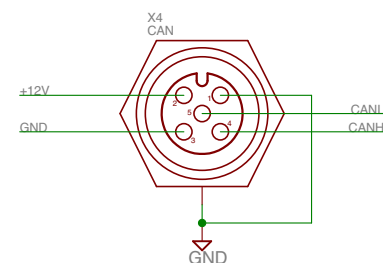
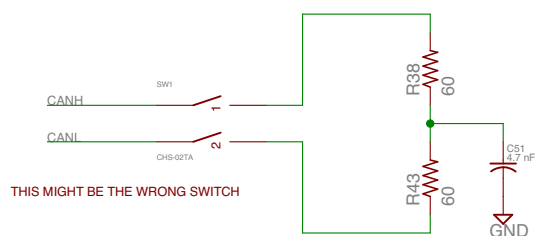
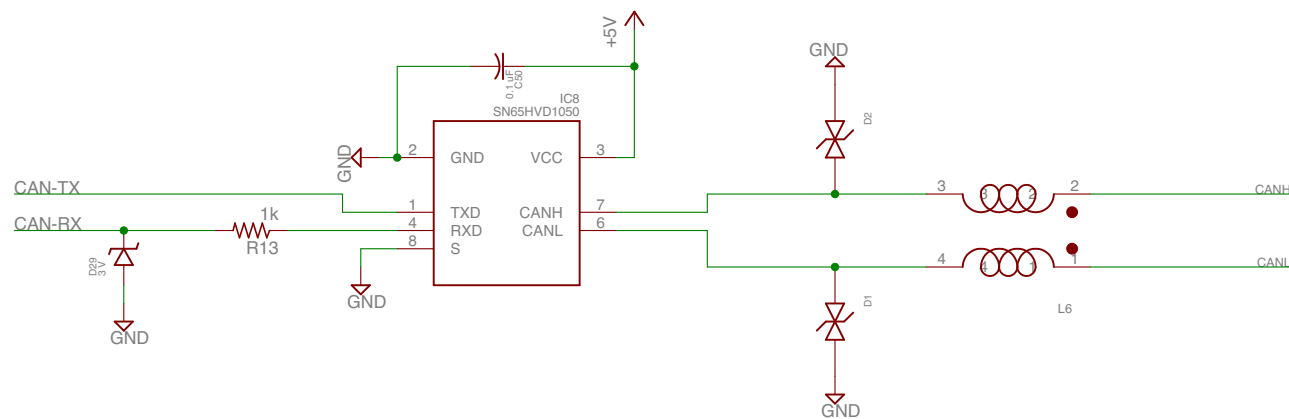
Board: Battery Interface Module
 Drawn by Aaron Bonnell-Kangas
 Revision date: v2.0.0 - 2015-03-30
 Last modified date: not saved!



F28035 connections
RELEASE



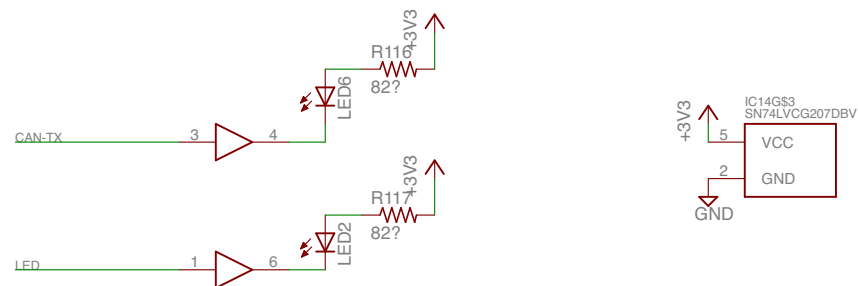
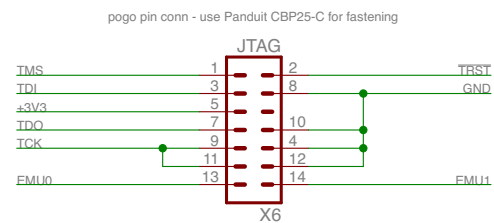
Board: Battery Interface Module
 Drawn by Aaron Bonnell-Kangas
 Revision date: v2.0.0 - 2015-03-30
 Last modified date: not saved!



CAN interface and termination
RELEASE



Board: **Battery Interface Module**
 Drawn by Aaron Bonnell-Kangas
 Revision date: v2.0.0 - 2015-03-30
 Last modified date: not saved!



JTAG, LEDs
RELEASE



Board: Battery Interface Module
 Drawn by Aaron Bonnell-Kangas
 Revision date: v2.0.0 - 2015-03-30
 Last modified date: not saved!

VC24+ TP3

VC12+ TP4

VC6+ TP5

VC1- TP6

BQ_CS TP1

BQ_SCLK TP2

BQ_SDI TP27

BQ_SDO TP28

4-REG50 TP7

3-REG50 TP8

2-REG50 TP9

1-REG50 TP10

±3V3 TP29

GND TP30

±5V TP31

±12V TP32

4-CS_H TP11

4-SDO_H TP12

4-SDI_H TP13

4-SCLK_H TP14

3-CS_H TP15

3-SDO_H TP16

3-SDI_H TP17

3-SCLK_H TP18

2-CS_H TP19

2-SDO_H TP20

2-SDI_H TP21

2-SCLK_H TP22

1-CS_H TP23

1-SDO_H TP24

1-SDI_H TP25

1-SCLK_H TP26

Test points
RELEASE



Board:
Drawn by
Revision date:
Last modified date: not saved!