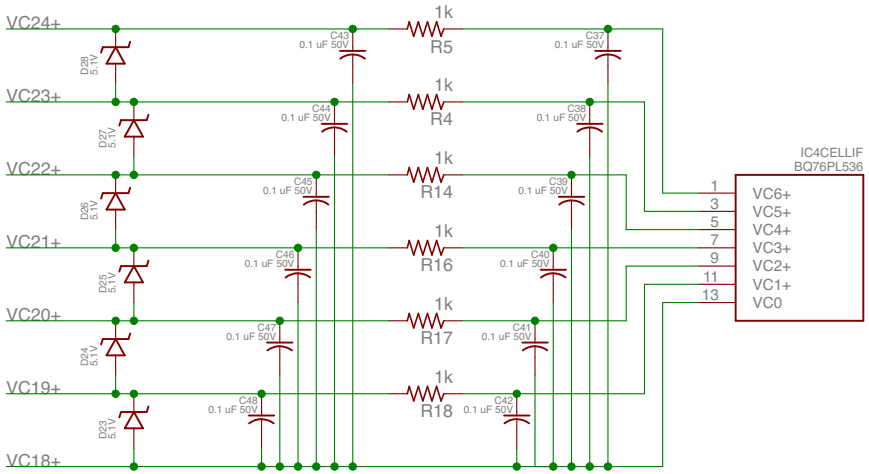
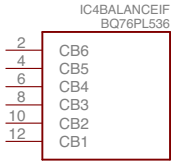
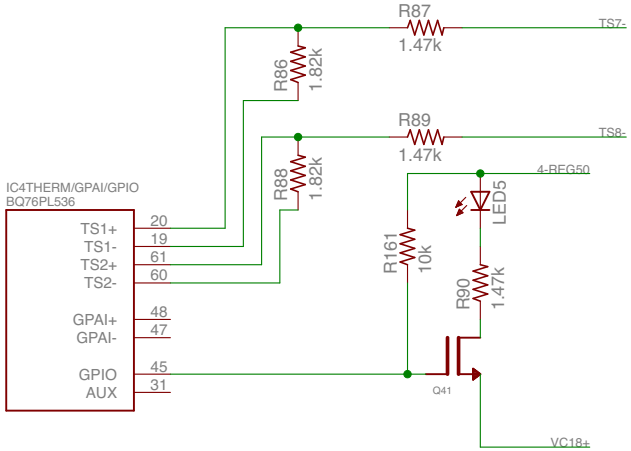


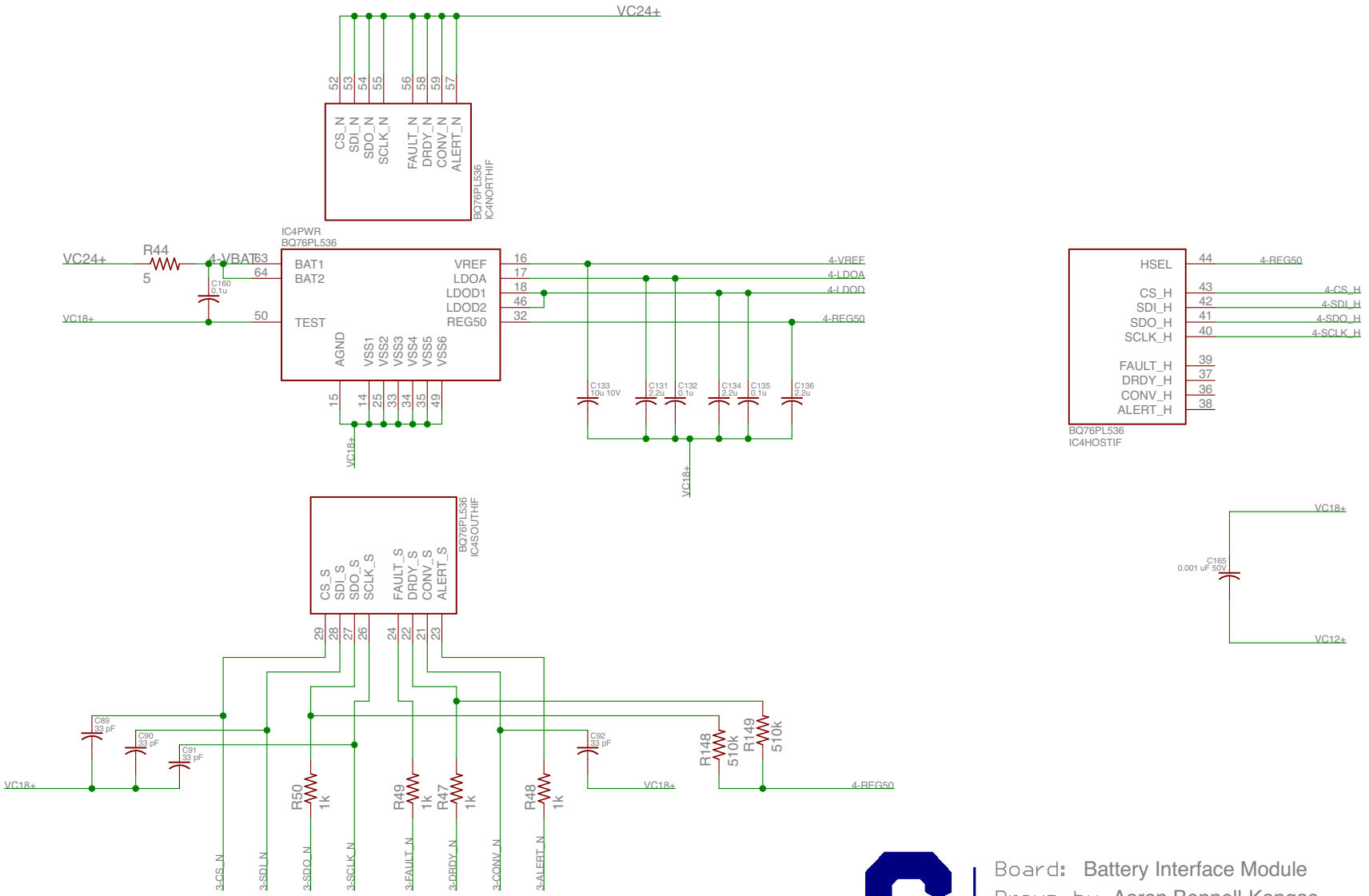




Device #4 cell interface, balancing, thermistors, GPIO

BETA

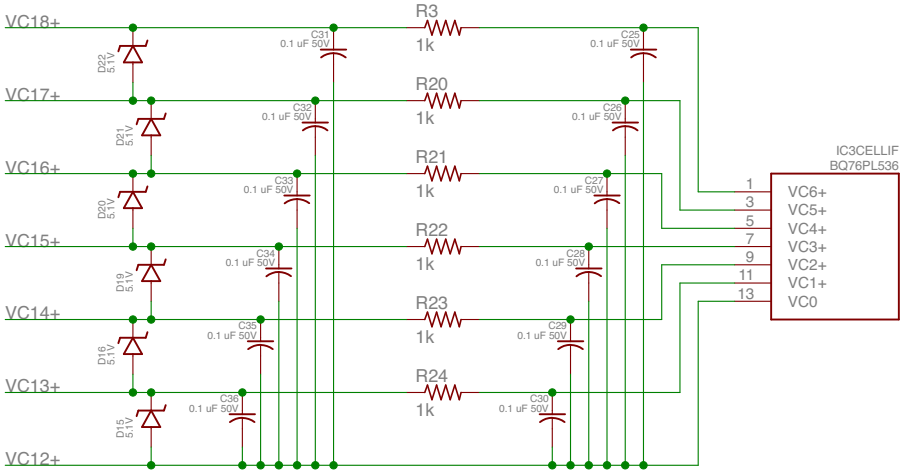
Board: Battery Interface Module
Drawn by Aaron Bonnell-Kangas
Revision date: v2-beta2
Last modified date: 3/27/15 2:40 PM

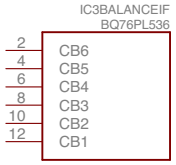


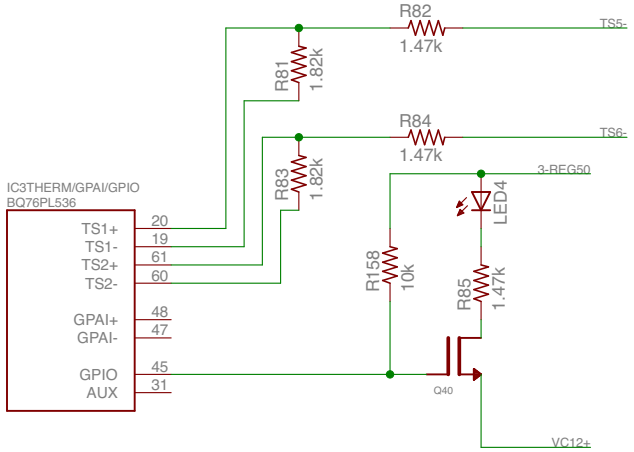
Device #4 stack comms + power

BETA

Board: Battery Interface Module
Drawn by Aaron Bonnell-Kangas
Revision date: v2-beta2
Last modified date: 3/27/15 2:40 PM



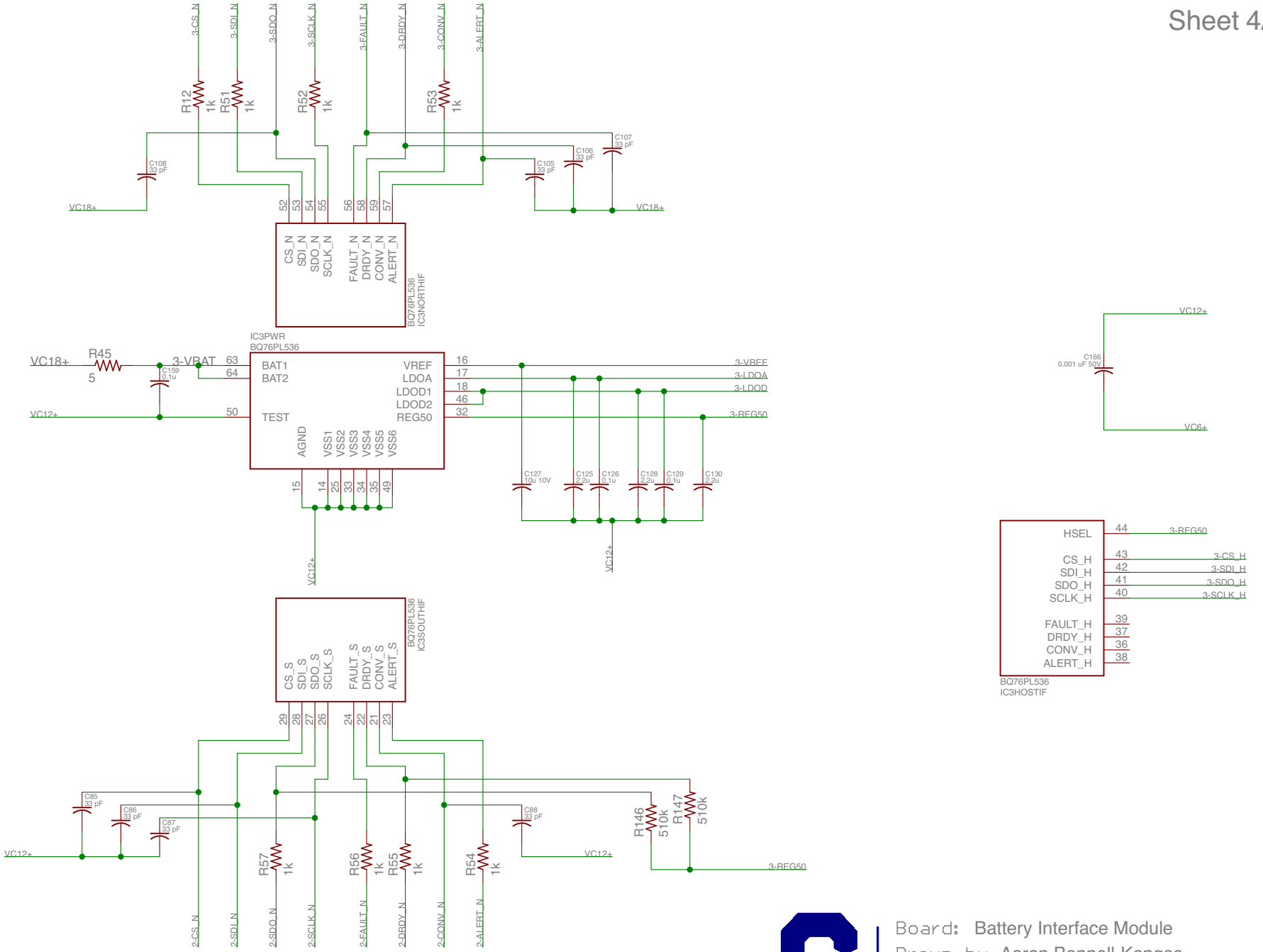




Device #3 cell interface, balancing, thermistors, GPIO

BETA

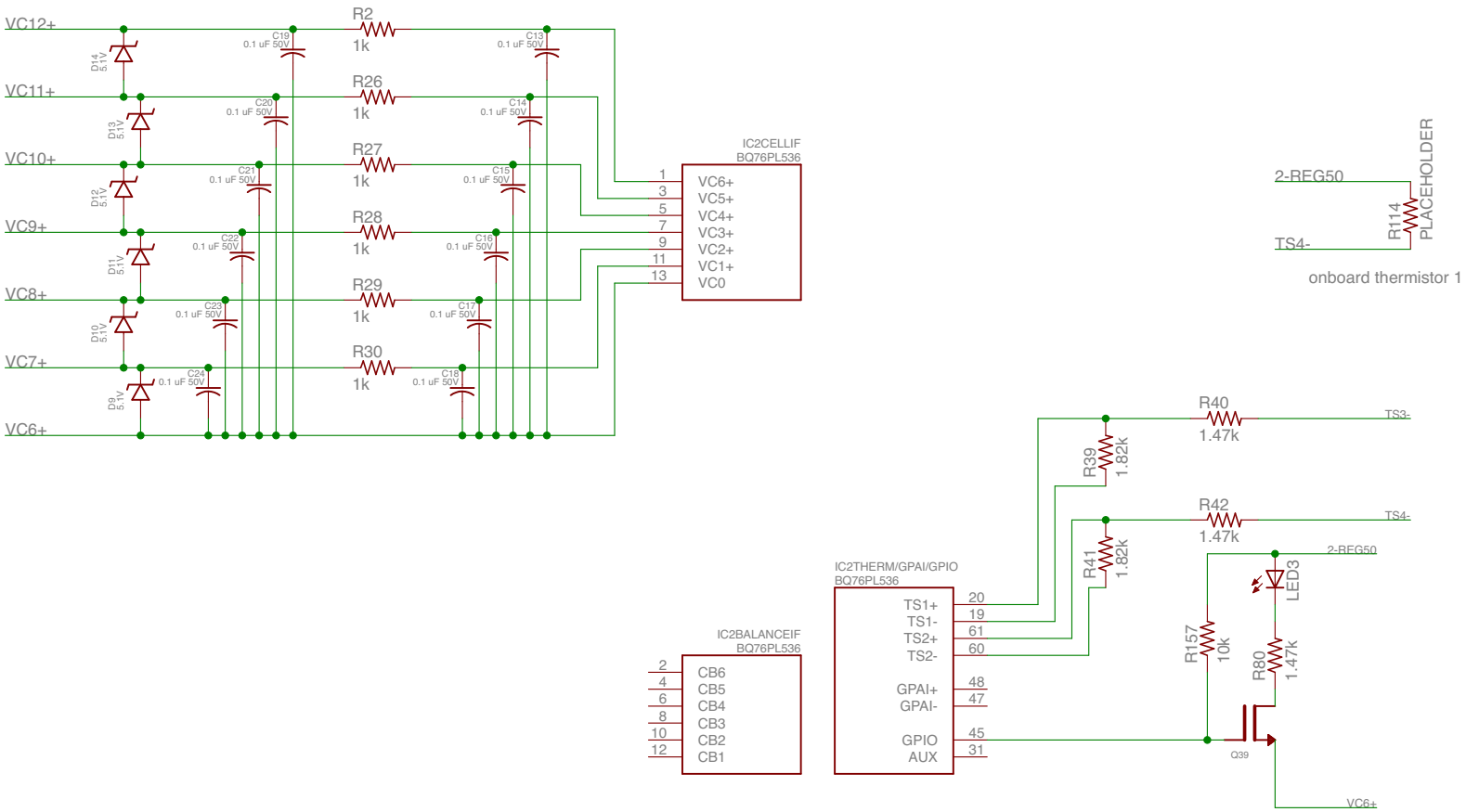
Board: Battery Interface Module
Drawn by Aaron Bonnell-Kangas
Revision date: v2-beta2
Last modified date: 3/27/15 2:40 PM



Device #3 stack comms + power

BETA

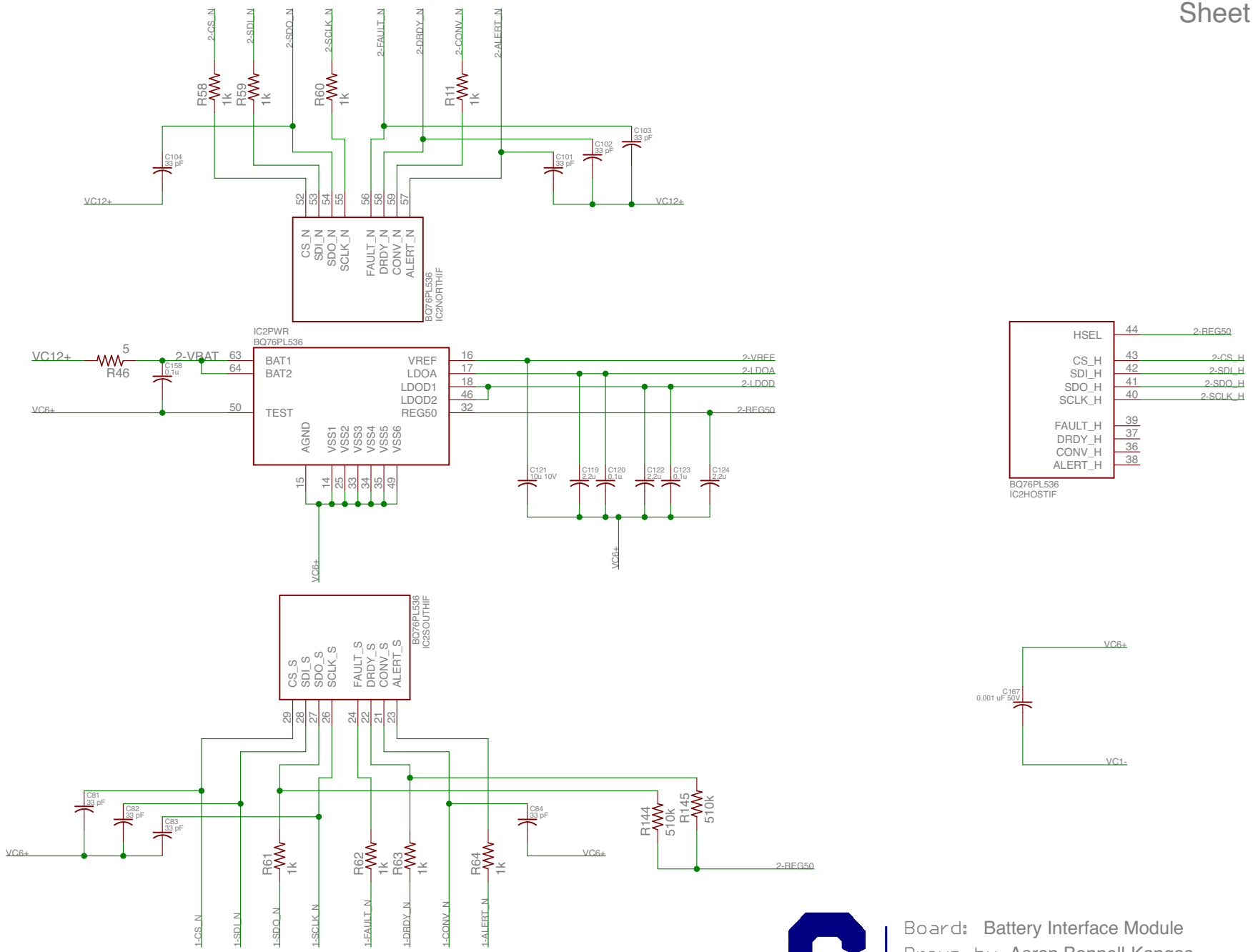
Board: Battery Interface Module
Drawn by Aaron Bonnell-Kangas
Revision date: v2-beta2
Last modified date: 3/27/15 2:40 PM



Device #2 cell interface, balancing, thermistors, GPIO

BETA

Board: Battery Interface Module
Drawn by Aaron Bonnell-Kangas
Revision date: v2-beta2
Last modified date: 3/27/15 2:40 PM



Device #2 stack comms + power

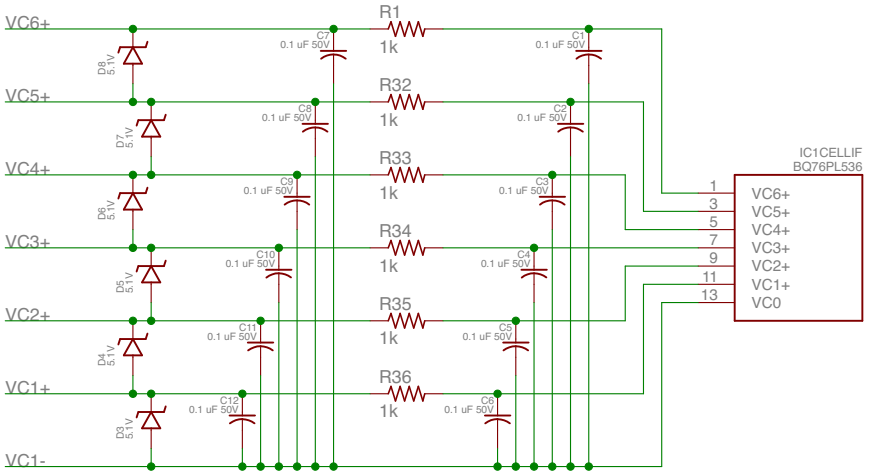
BETA

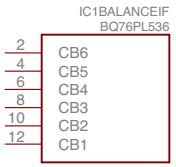
Board: Battery Interface Module

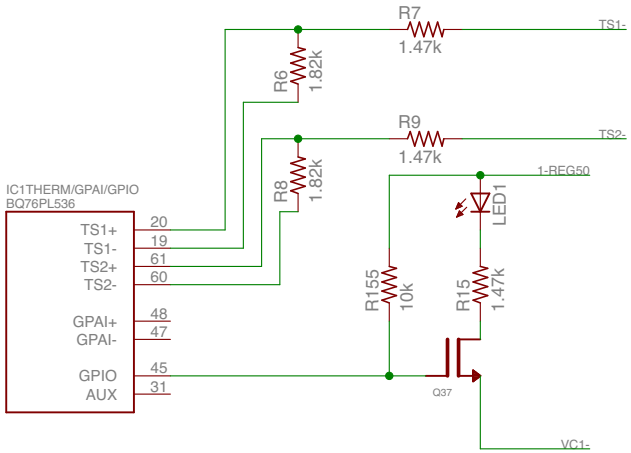
Drawn by Aaron Bonnell-Kangas

Revision date: v2-beta2

Last modified date: 3/27/15 2:40 PM



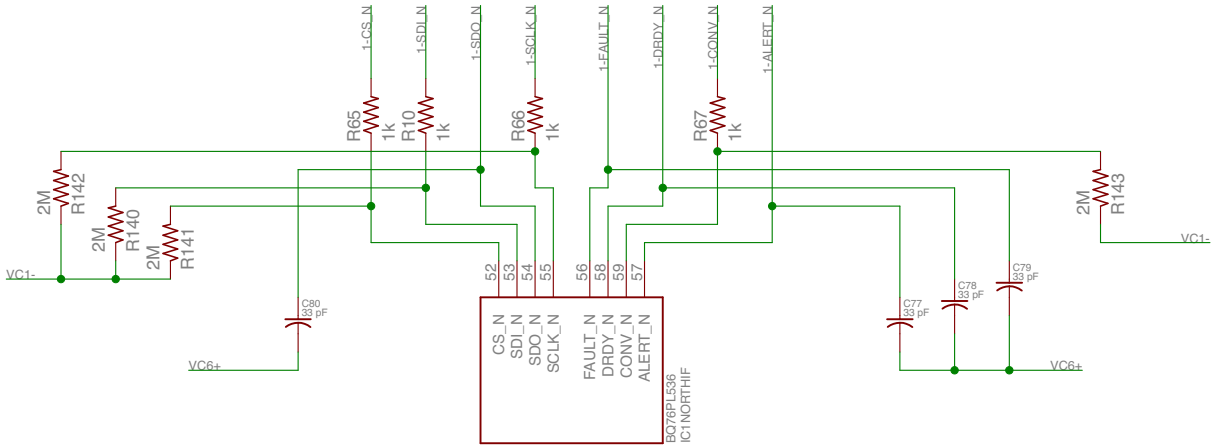


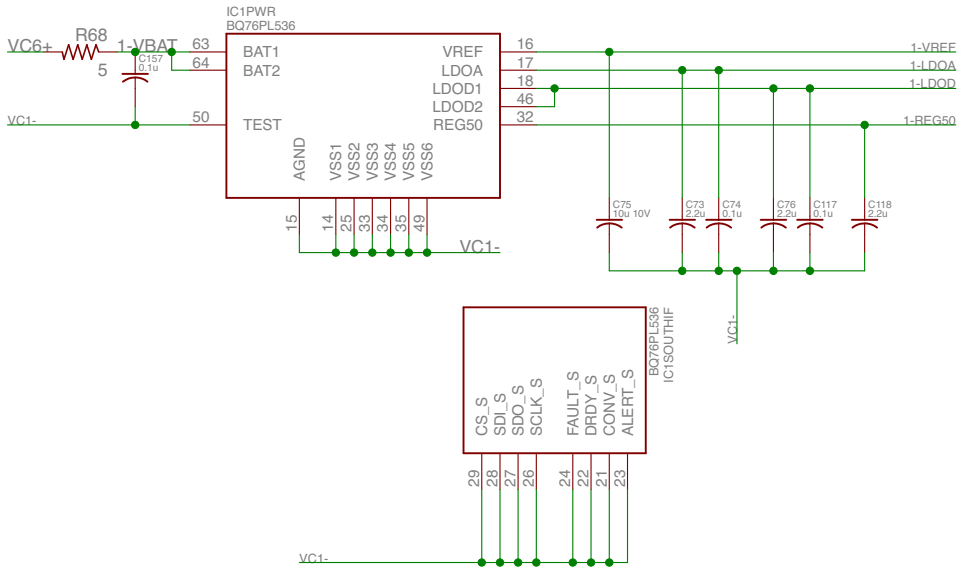


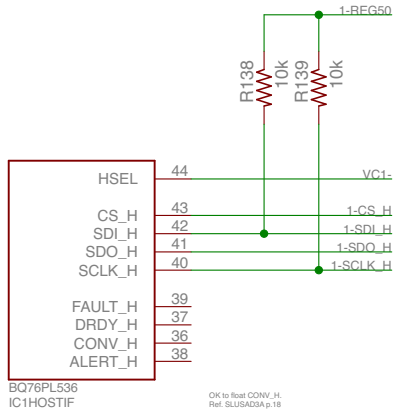
Device #1 cell interface, balancing, thermistors, GPIO

BETA

Board: Battery Interface Module
Drawn by Aaron Bonnell-Kangas
Revision date: v2-beta2
Last modified date: 3/27/15 2:40 PM



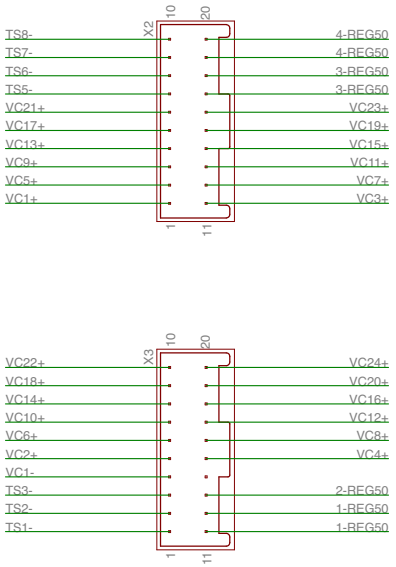




Device #1 stack comms + power

BETA

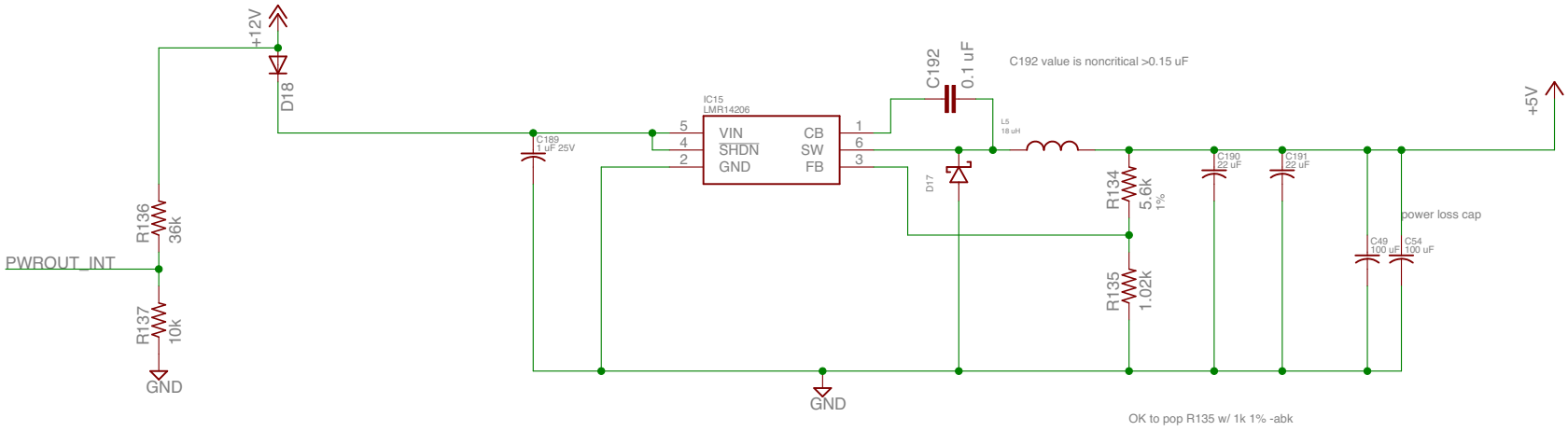
Board: Battery Interface Module
Drawn by Aaron Bonnell-Kangas
Revision date: v2-beta2
Last modified date: 3/27/15 2:40 PM



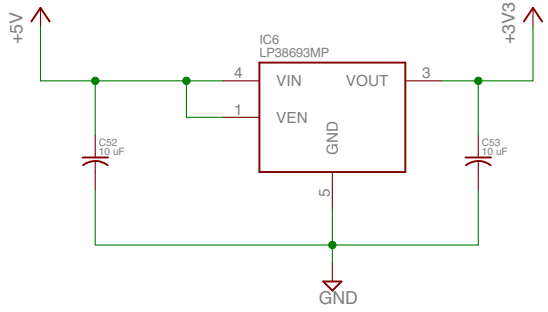
Cell and thermistor connectors

BETA

Board: Battery Interface Module
Drawn by Aaron Bonnell-Kangas
Revision date: v2-beta2
Last modified date: 3/27/15 2:40 PM



ref. WEBENCH design

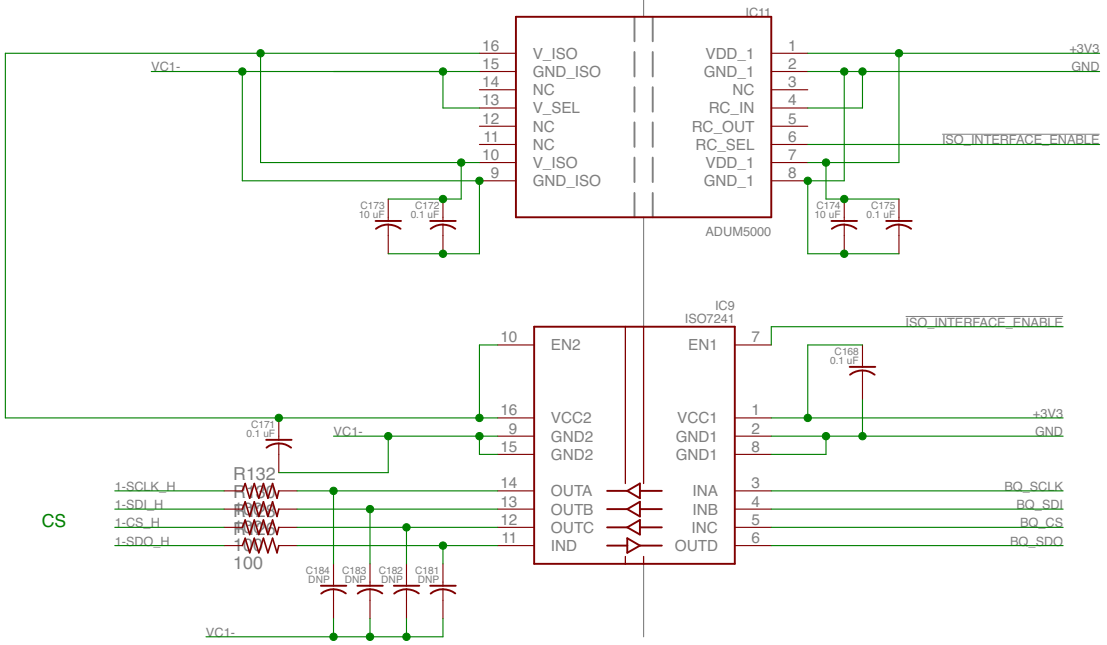


12V - 5V, 5V-3V3 power

BETA

Board: Battery Interface Module
Drawn by Aaron Bonnell-Kangas
Revision date: v2-beta2
Last modified date: 3/27/15 2:40 PM

Battery side | Host side

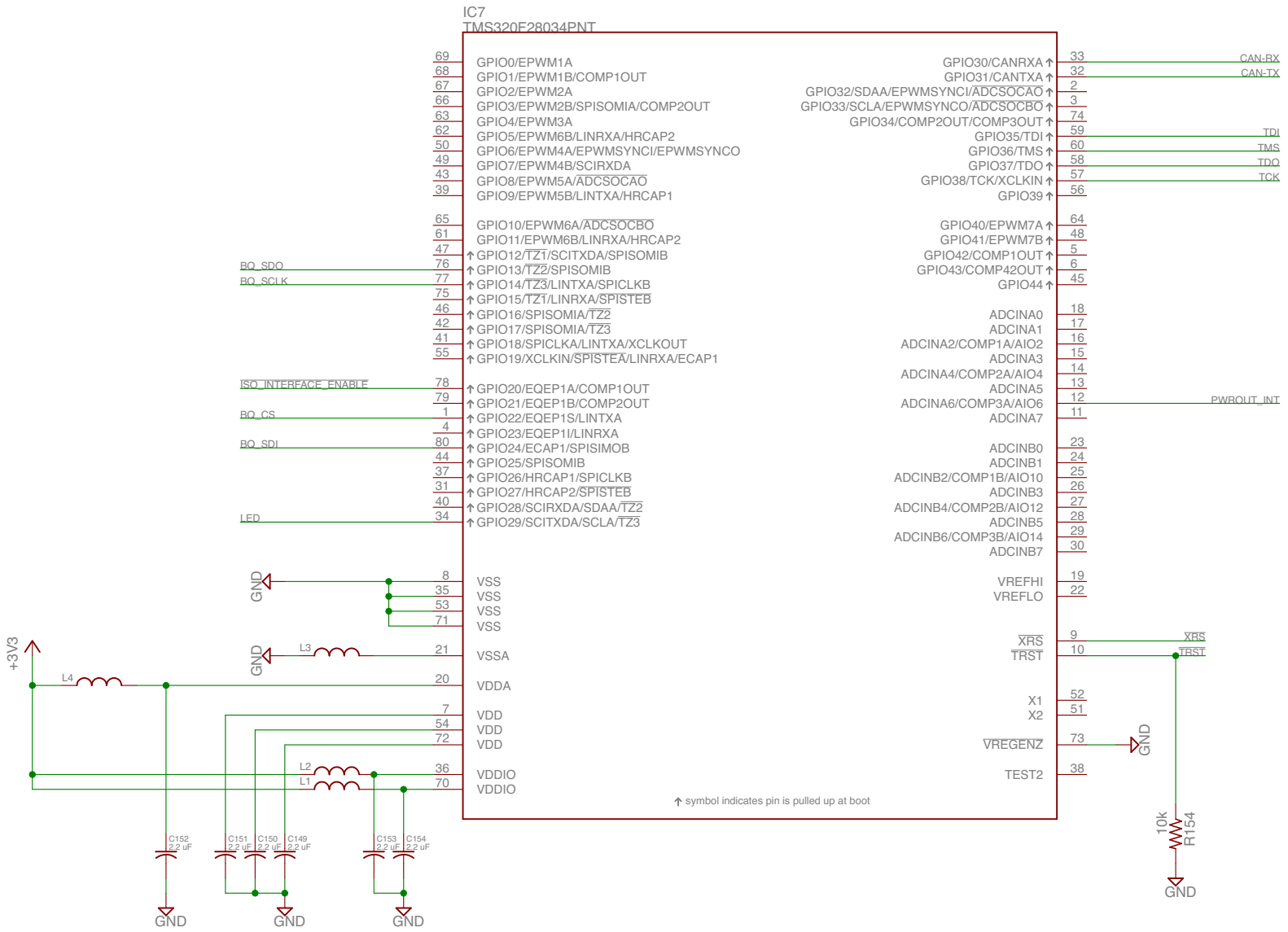


C181-C188 DNP UNLESS EMERGENCY

Isolated comms interface

BETA

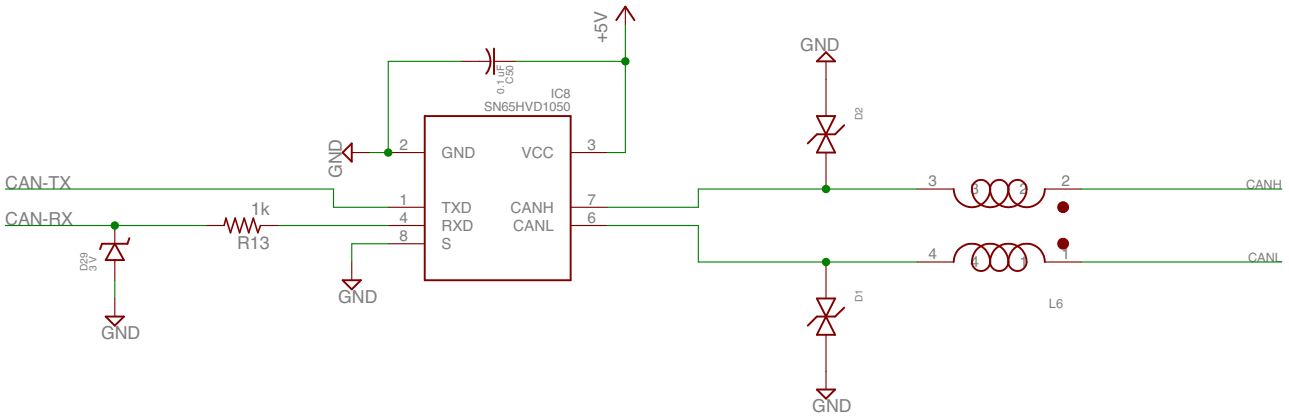
Board: Battery Interface Module
Drawn by Aaron Bonnell-Kangas
Revision date: v2-beta2
Last modified date: 3/27/15 2:40 PM

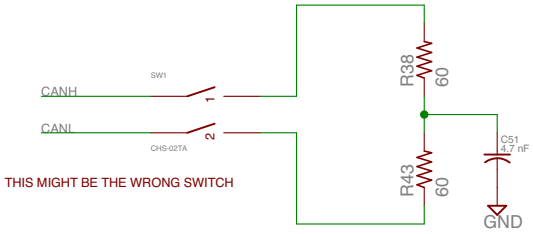


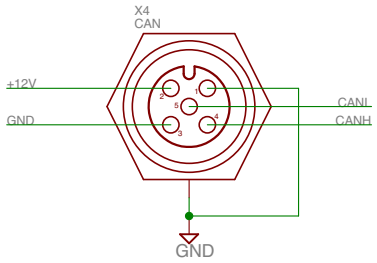
F28035 connections

BETA

Board: Battery Interface Module
Drawn by Aaron Bonnell-Kangas
Revision date: v2-beta2
Last modified date: 3/27/15 2:40 PM



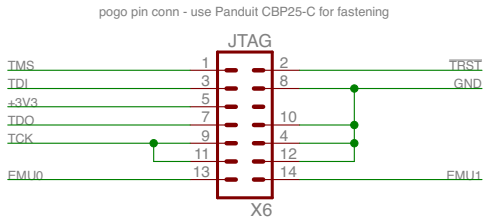


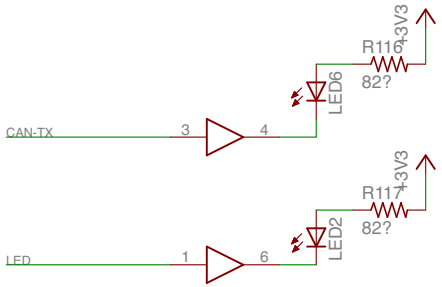


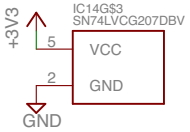
CAN interface and termination

BETA

Board: Battery Interface Module
Drawn by Aaron Bonnell-Kangas
Revision date: v2-beta2
Last modified date: 3/27/15 2:40 PM



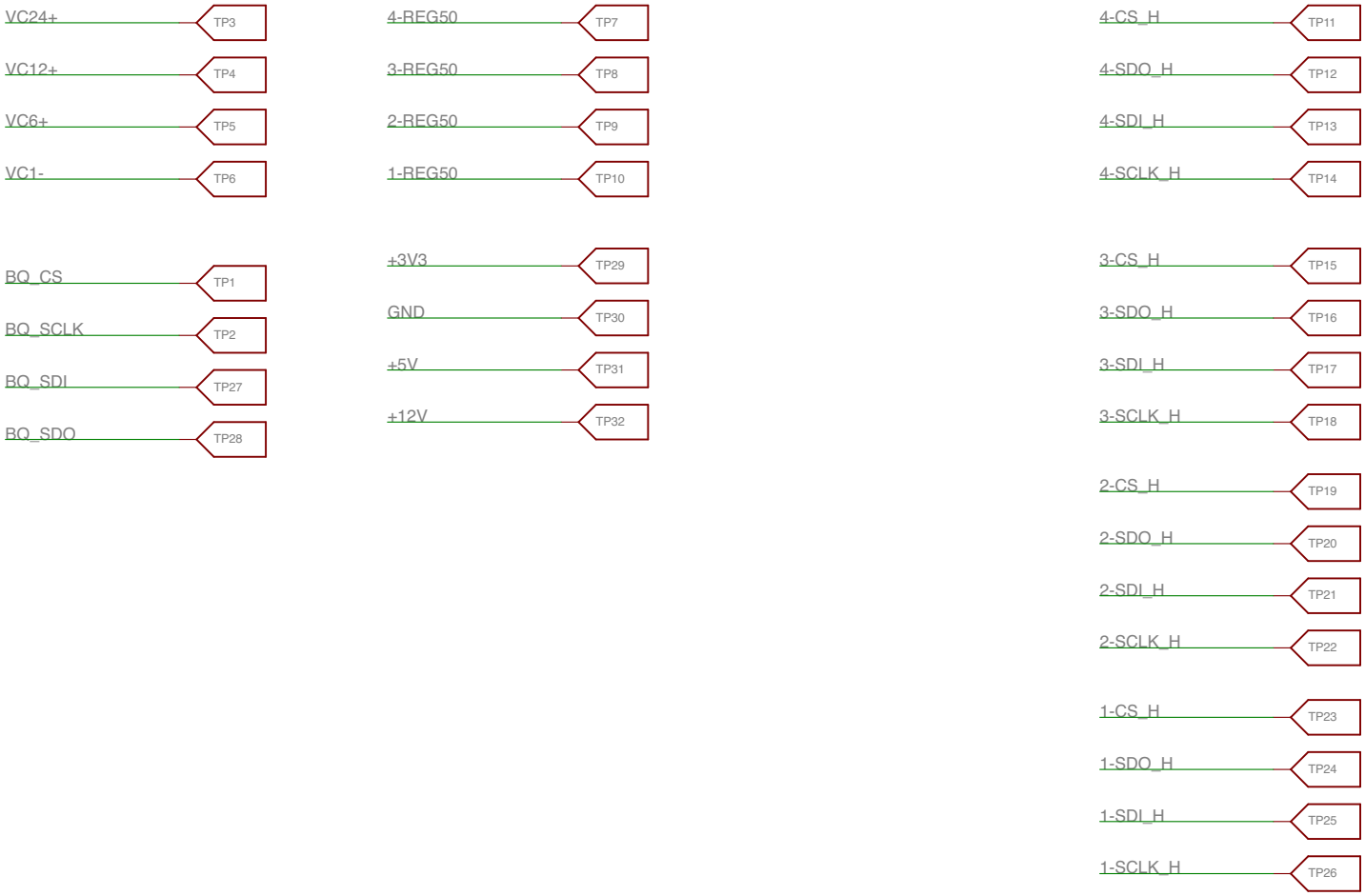




JTAG, LEDs

BETA

Board: Battery Interface Module
Drawn by Aaron Bonnell-Kangas
Revision date: v2-beta2
Last modified date: 3/27/15 2:40 PM



Test points

BETA

Board:
Drawn by
Revision date:
Last modified date: 3/27/15 2:40 PM