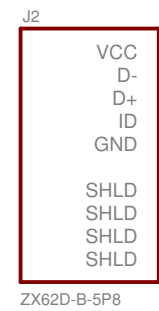


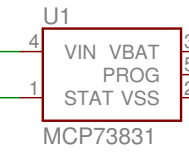
INPUT MICRO USB
FOR VOLTAGE TO
CHARGE BATTERY



5V



BATTERY CHARGE
MANAGEMENT
CONTROLLER
500mA LIMIT



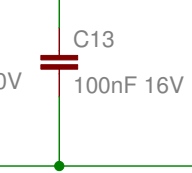
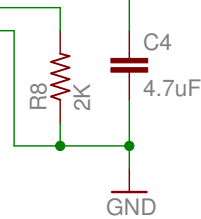
BATTSTATUS/2.4C

SIGNAL INDICATES TO MICROCONTROLLER
WHEN BATTERY IS CHARGING

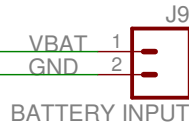
BATTERY CHARGER PUTS OUT 4.2V
CHARGED BATTERY PUTS OUT 4.2V
UC15 MAX INPUT IS 4.3V

VBAT POWERS THE 3G MODULE
AND THE MICROCONTROLLER

VBAT



3.7V BATTERY
3500mAh
COULD BE 4.2V IF
FULLY CHARGED



TODO
MAKE CELLPHONE LIBRARY OF PACKAGES

LAY OUT THE BOARD

MAKE BOM

WRITE EVERYTHING UP

REVIEW BOARD

POST ON THE WEB

CELLPHONE3G PROTOTYPING MODULE VERSION 1.2 8/2/2014

This board is heavily based on David Mellis' 2G Cellphone Module, with permission.

It was modified by Jenner Hanni in 2014 to be 3G-capable using the Quectel UC15.

It is open hardware released under the MIT License.

It is a draft release and has not been built. There is no warranty. Use it at your own risk.

Contact Jenner at <jeh.wicker@gmail.com> for more information

