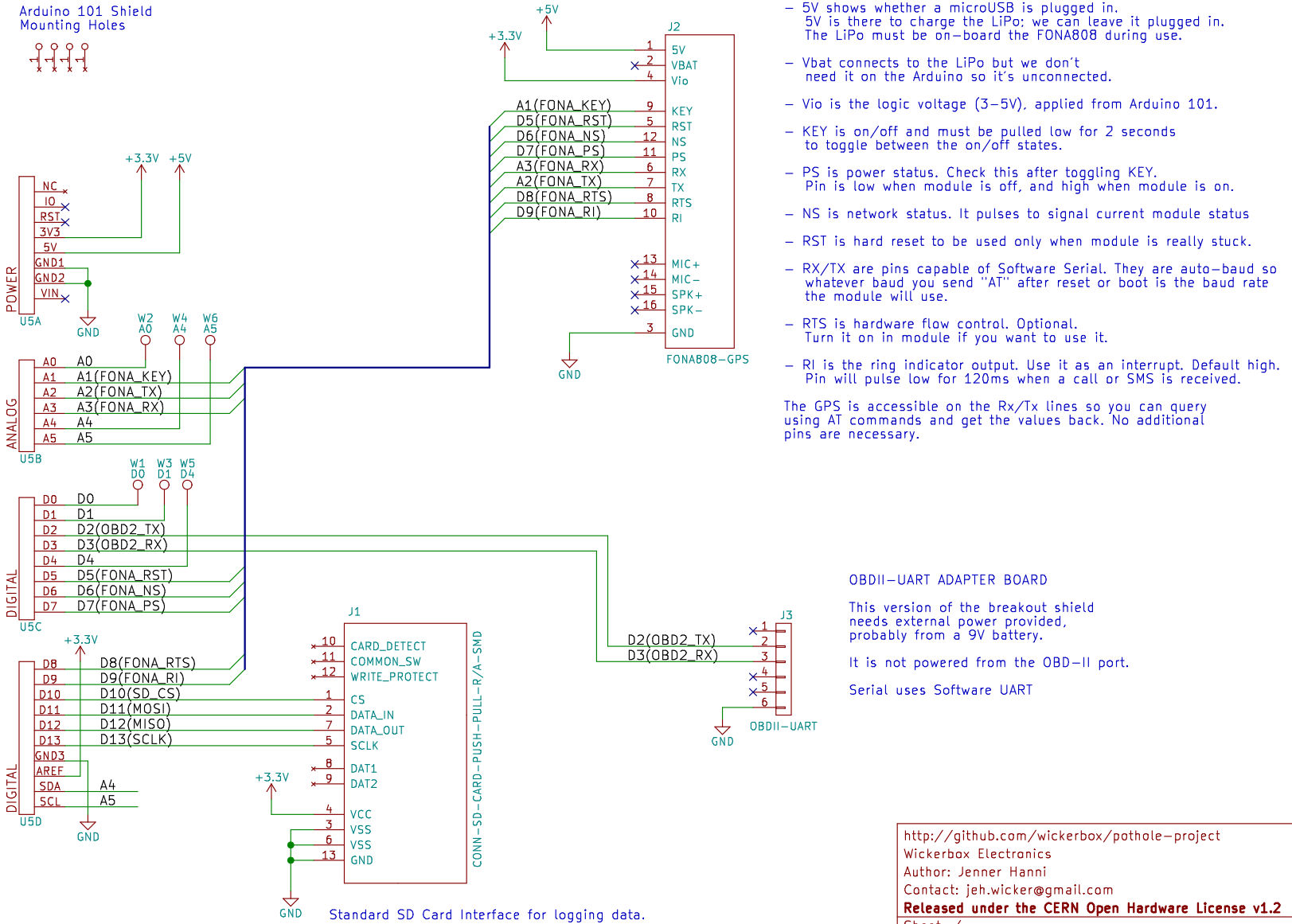

ADAFRUIT FONA808 GSM+GPS MODULE

- 5V shows whether a microUSB is plugged in.
  5V is there to charge the LiPo; we can leave it plugged in.
  The LiPo must be on-board the FONA808 during use.
- Vbat connects to the LiPo but we don't
  need it on the Arduino so it's unconnected.
- Vio is the logic voltage (3-5V), applied from Arduino 101.
- KEY is on/off and must be pulled low for 2 seconds
  to toggle between the on/off states.
- PS is power status. Check this after toggling KEY.
  Pin is low when module is off, and high when module is on.
- NS is network status. It pulses to signal current module status
- RST is hard reset to be used only when module is really stuck.
- RX/TX are pins capable of Software Serial. They are auto-baud so
  whatever baud you send "AT" after reset or boot is the baud rate
  the module will use.
- RTS is hardware flow control. Optional.
  Turn it on in module if you want to use it.
- RI is the ring indicator output. Use it as an interrupt. Default high.
  Pin will pulse low for 120ms when a call or SMS is received.

The GPS is accessible on the Rx/Tx lines so you can query
using AT commands and get the values back. No additional
pins are necessary.

OBDII-UART ADAPTER BOARD

This version of the breakout shield
needs external power provided,
probably from a 9V battery.

It is not powered from the OBD-II port.

Serial uses Software UART

Standard SD Card Interface for logging data.

Needs to support R/W for data access.

http://github.com/wickerbox/pothole-project
Wickerbox Electronics
Author: Jenner Hanni
Contact: jeh.wicker@gmail.com

Sheet: /
File: curie-breakout-shield.sch

Title: Arduino 101 Vehicle Datalogger Breakout Shield

Size: A4	Date: 2016-05-02	**Rev: 1.0**
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