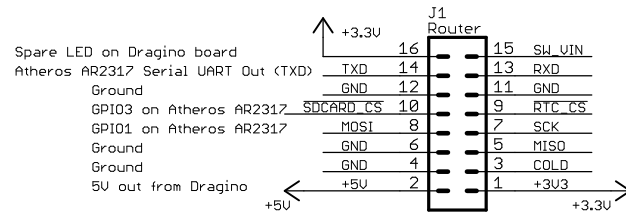
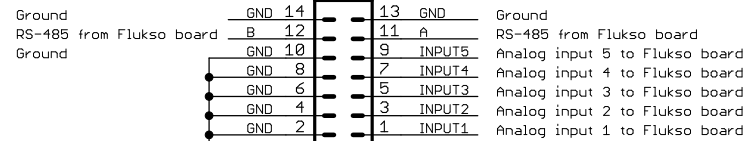


Dragino headers



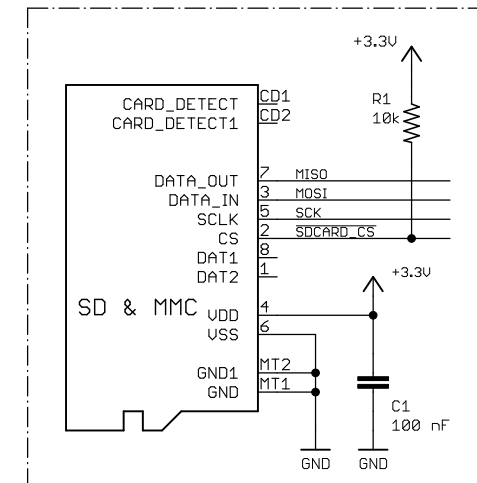
Unregulated (+12V or so) DC input from Dragino
 Atheros AR2317 Serial UART In (RXD)
 Ground
 GPI04 on Atheros AR2317
 GPI02 on Atheros AR2317
 GPI00 on Atheros AR2317
 Atheros AR2317 reset (note active-high reset, unusual)
 +3.3V out from Dragino

LED = LED on Dragino board, controlled by daughterboard.

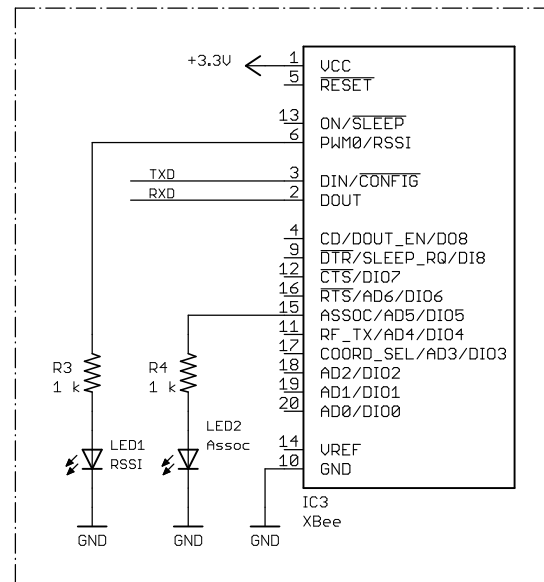


Input1 - Input5 = analog input channels on Flukso board, bought through to terminal block on main board.
 (The 'negative' pins on the terminal block are all ground.)
 A and B = RS-485 communications to Flukso board. Bought through to terminal block on main board.

micro-SD card



XBee module



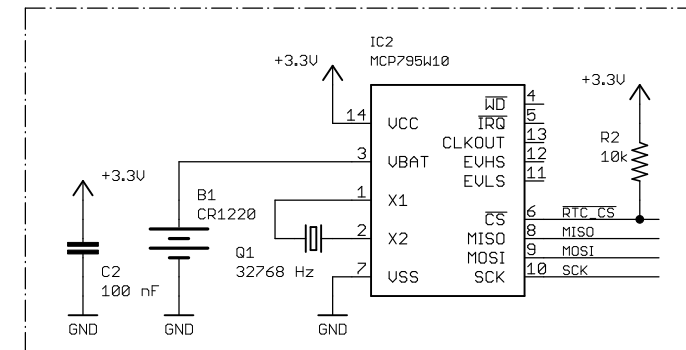
Luke Weston, 2012
 smartenergygroups.com



open hardware

Released under CERN OHL:
<http://www.ohwr.org/cernohl>

Real-time clock (MCP795W10)



DragonShield v1.0

Dragino plug-in module
 with RTC, XBee and SD card

DragonShield

30/03/12 1:39 AM

Sheet: 1/1