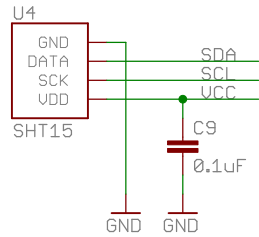
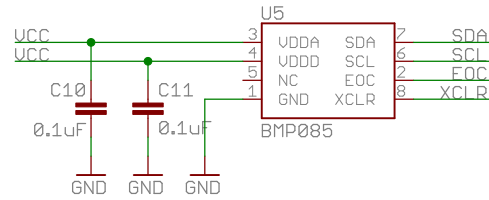


Humidity



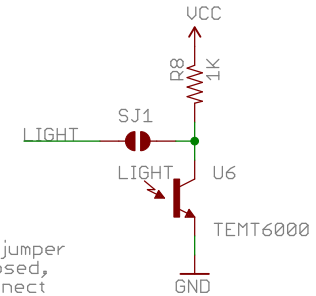
I2C address (3-bit): B000 (see datasheet)

Pressure*



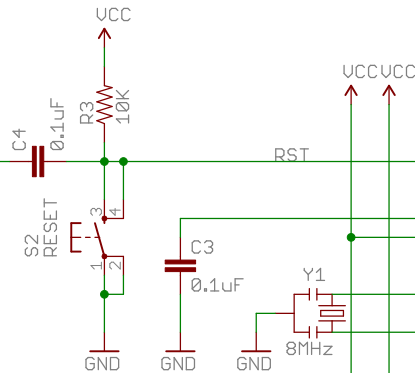
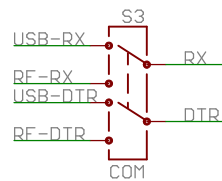
I2C address (7-bit): 0x77

Light

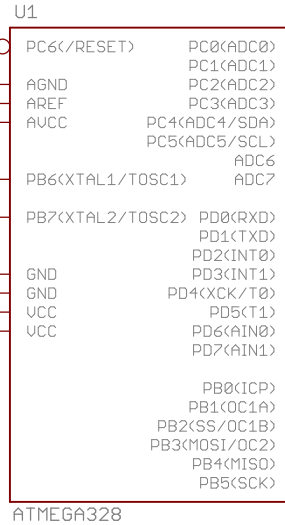
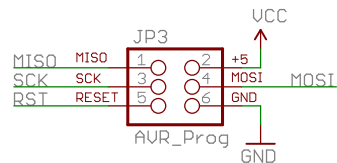


SJ1 solder jumper normally closed, open to connect external sensor

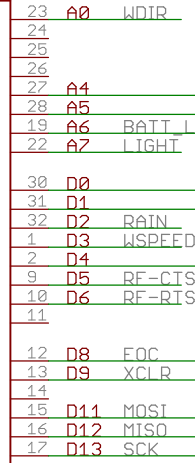
Communication select switch
RF (XBee / BlueTooth) or USB



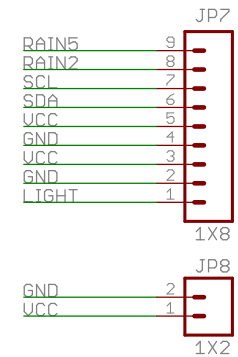
ISP programming header



ARDUINO PORTS



Expansion connectors



OSHW LOGO

0000

USB Wireless Weather Sensor

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<http://creativecommons.org/licenses/by-sa/3.0>
Design by: R. Owens, M. Grusin

* U3 changes SCP1000 pressure sensor to BMP085,
adds inputs for SEN-08942 weather meters

TITLE: USB-Weather-v31

SFE

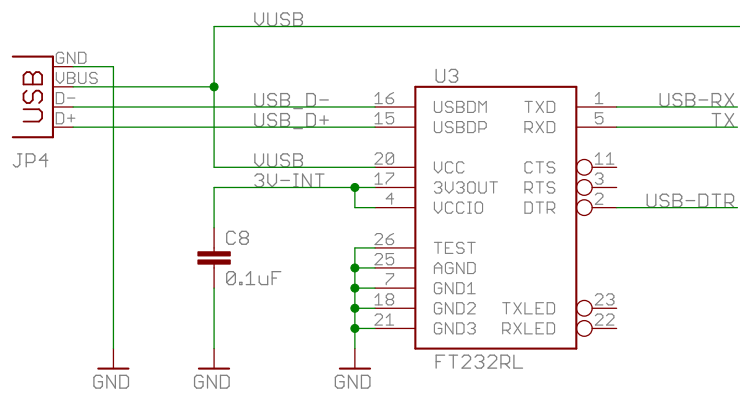
Document Number:

REV:
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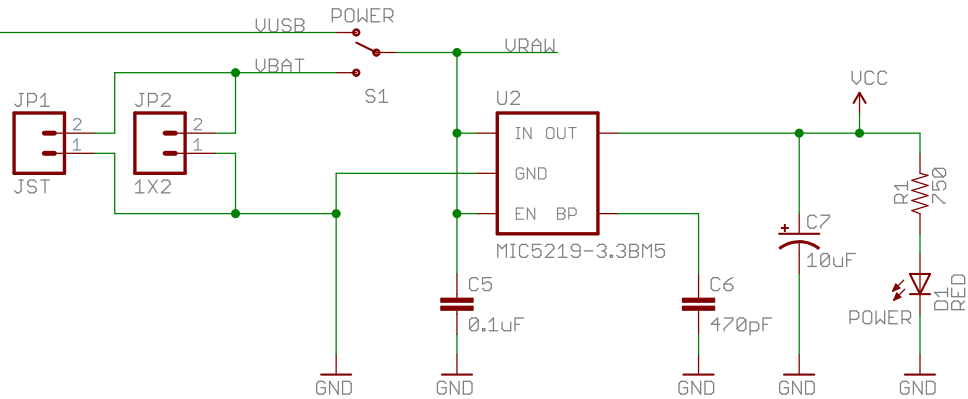
Date: 4/18/2011 5:42:52 PM

Sheet: 1/2

USB to Serial

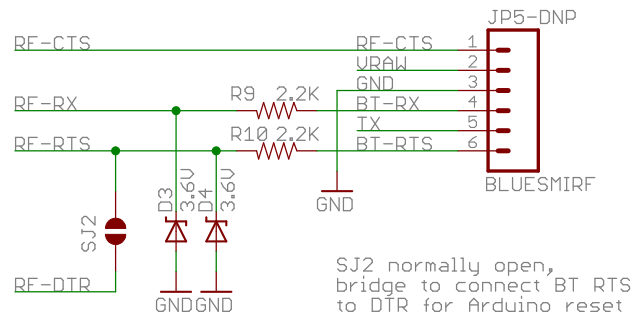


3.3V Power



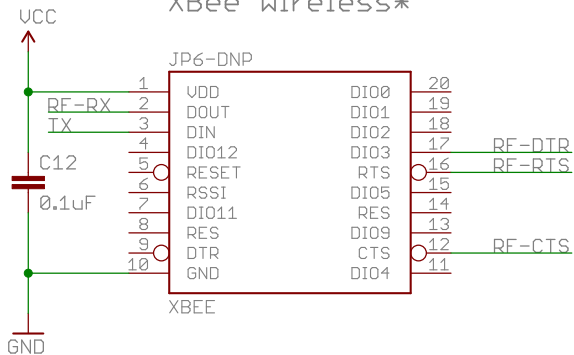
Power switch selects either USB or battery power

BlueSMiRF Wireless*



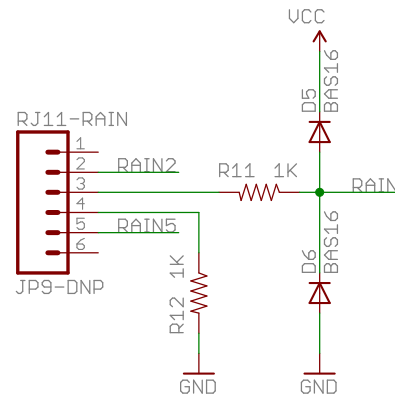
SJ2 normally open, bridge to connect BT RTS to DTR for Arduino reset

XBee Wireless*

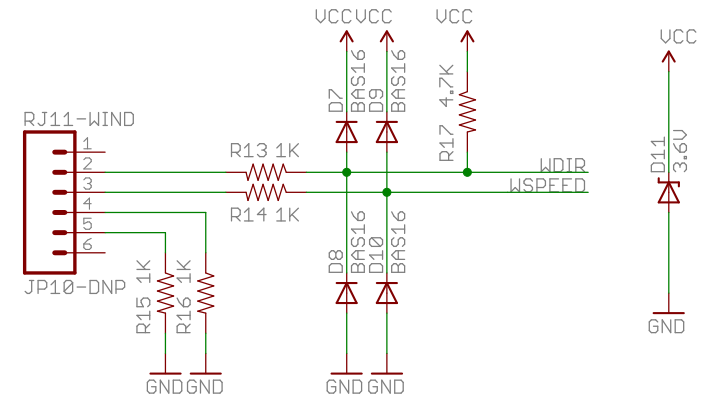


* Note: populate either BlueSMiRF or XBee, not both

Rain (optional)



Wind (optional)



USB Wireless Weather Sensor

TITLE: USB-Weather-v31

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REV:

Date: 4/19/2011 10:23:01 AM

Sheet: 2/2

