

# WeatherProbe Arduino Circuit

SainSmart 1.8" TFT, not Adafruit

Ignore TFT pin positions -- couldn't edit  
Use Uno pin numbers, check TFT labels  
SCL - 13 (Adafruit SCK)  
SDA - 11 (Adafruit MOSI)  
RS/DC - 9 (Adafruit D/C)  
Reset - 8 (Adafruit Reset)  
CS - 10 (Adafruit CS)

TFT uses its own Uno pins for SDA/SCL  
(11+13) rather than the SDA/SCL buss

SDA

SCL

DHT22 Data

DS18B20 Data

10K Ohm pullup

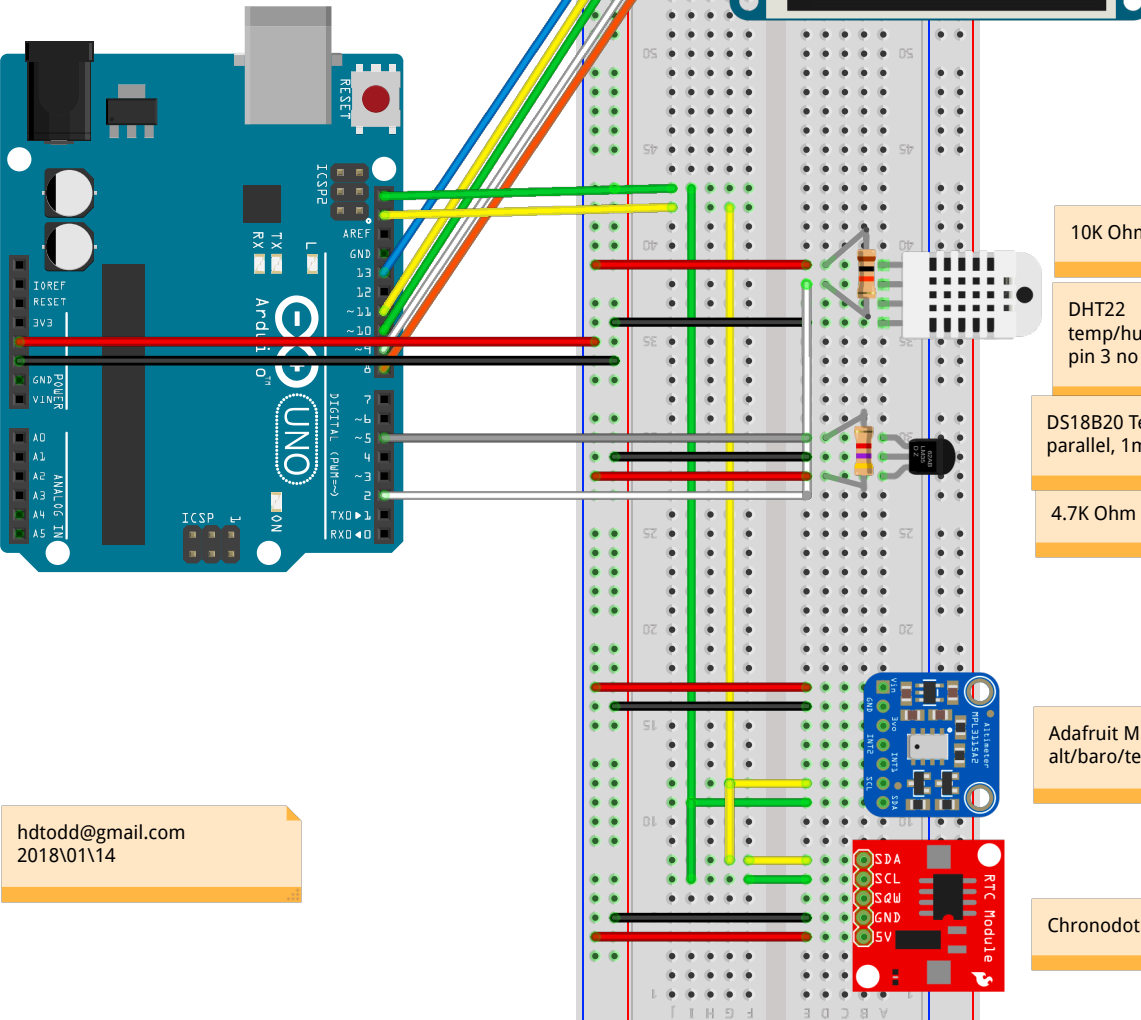
DHT22  
temp/humidity  
pin 3 no conn.

DS18B20 Temp Sensors in  
parallel, 1m cable (multiple)

4.7K Ohm pullup

Adafruit MPL3115A2  
alt/baro/temp @ 5v

Chronodot



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