

## 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

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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

Enable Arduino hardware reset from program code (if missing, TFT doesn't reset on restart command)

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