

For this project you need a some parts:

- 1: Attiny85 uC
- 2. Nokia 5110 LCD
- 3. DS18B20 + 4,7K ohm resistor
- 4. Breadbord + jumper wire

## Step 2: NOTICE:

Is possible error for uploading code on Attiny85. I would recommend using the arduino 1.0.5 Ide ( i use 1.0.6) and it should work just fine. You need a tinyPCRELpatch. Extract from zip and copy file to C:\Program Files (x86) \Arduino\hardware. Then you should not have problems with upload. Also copy a libraries in C:\Users\(your user)\Documents\Arduino\libraries.

## Step 3: Upload Code;

```
#include <OneWire.h>
#define ONEWIRE_BUSS 4

OneWire TemperatureSensor(ONEWIRE_BUSS);
#include

// SCK (CLK) ------ Attiny85 pin 5

// MOSI (DIN)------ Attiny85 pin 6

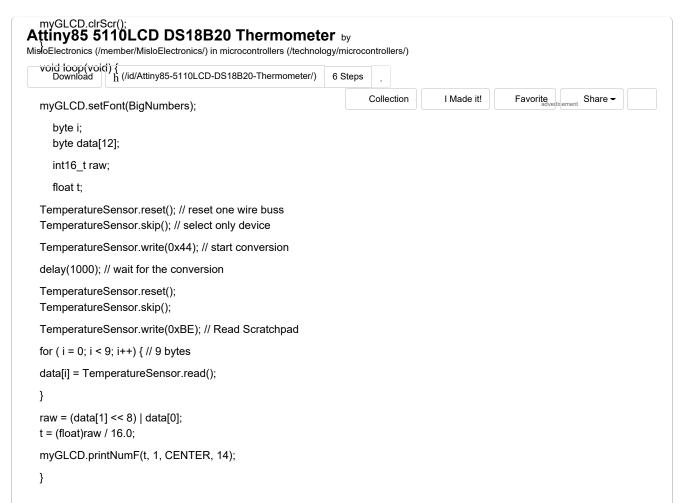
// DC (register select) ------ Attiny85 pin 7

// RST ------ to GND

//LCD5110 myGLCD(0, 1, 2, 3, 6); //D6 don't exist - conect CS to GND extern uint8_t BigNumbers[];

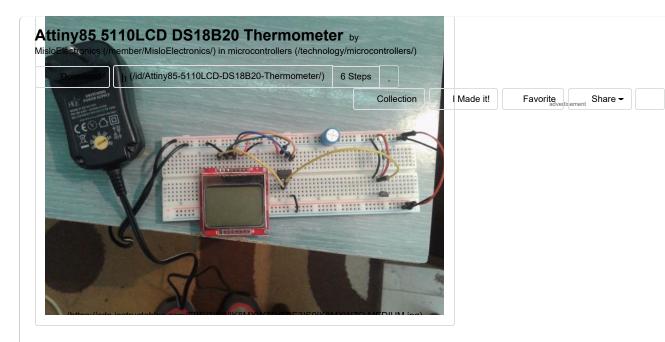
void setup(void) {

myGLCD.InitLCD();
```



# Step 4: Specifications:

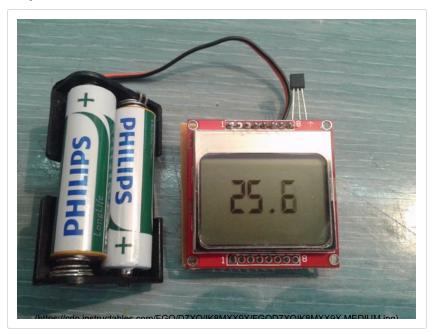




Working voltage 3 - 3.3 V

Current 5mA

## Step 5: Version With Batteries:

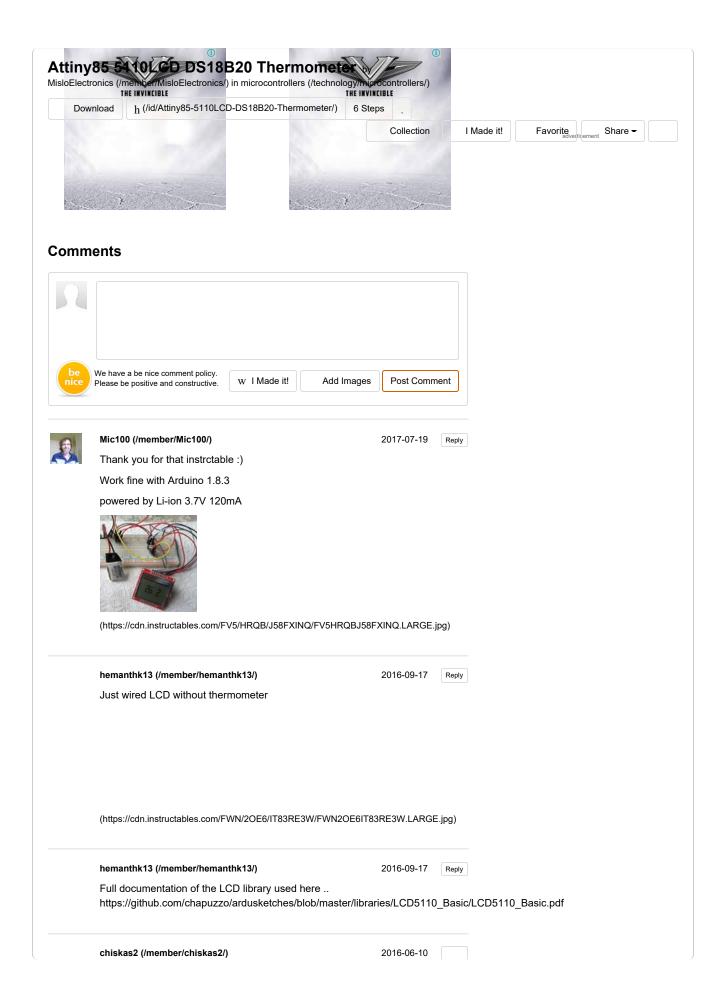


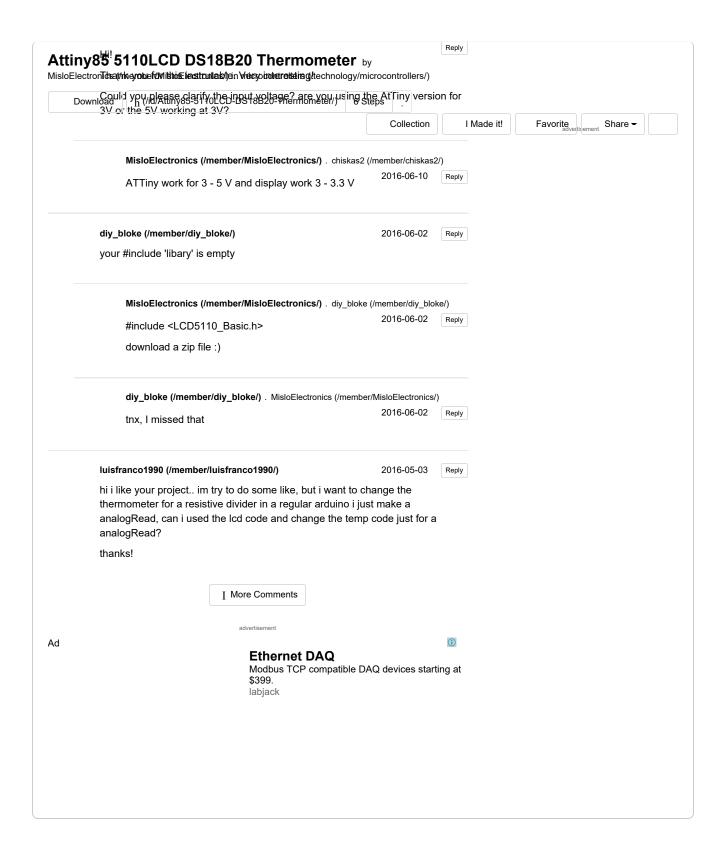
Step 6: All Files in Zip:

Downton VR15-5/1011-CD DS Com/ORIG/F31/TYXP/IK8MXZ2U/F31TYXPIK8MXZ2U.rar)

(https://cdn.instructables.com/ORIG/F31/TYXP/IK8MXZ2U/F31TYXPIK8MXZ2U.rar)

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