```
/*
 1
 2
   ThermistorNTC no coefficients.ino - Library to used to derive a precise
    temperature of a thermistor,
 3 fastest Calc (26~18% faster)
    v0.2
 4
 5
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    rafael.reyes.carmona@gmail.com
10
11
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13
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25
26
27
    */
28
    /**
29
    * Example sketch for the ThermistorNTC library.
30
     */
31
32
     #include <ThermistorNTC.h>
33
34
     Thermistor thermistor1(/* PIN */
35
                                             A1,
36
                            /* RESISTOR */ 22170L,
                            /* NTC 25°C */ 91869L,
37
38
                            /* BETA */
                                            4403.45,
                            /* Vref */
39
                                            5.072);
40
     Thermistor thermistor2(/* PIN */
41
                                            A2,
42
                            /* RESISTOR */ 22170L,
43
                            /* NTC_T1 */
                                            355000L,
                            /* T1 (ºC) */
                                            0.0, // 273,15 ºK
44
45
                            /* NTC_T2 */
                                            157500L,
                                            14.0, // 287,15 ºK
                            /* T2 (ºC) */
46
                            /* NTC T3 */
47
                                            79300L,
                            /* T3 (ºC) */
                                            28.0, // 301,15 ºK
48
49
                            /* NTC_T4 */
                                            58300L,
                            /* TA (ºC) */
                                            35 0 // 308 15 ºK
50
```

```
20
                                            JJ. U) // JUUJIJ -N
                            /* Vref */
51
                                           5.072);
52
     void setup(void)
53
54
55
       Serial.begin(57600);
56
     }
57
58
59
     void loop(void)
60
       double sensor1 = thermistor1.fastTempCelsius();
61
       Serial.print("Sensor1 calc. Temp(ºC): ");
62
       Serial.println(sensor1);
63
64
       double sensor2 = thermistor2.getTempCelsius_SteinHart();
65
       Serial.print("Sensor2 calc. SteinHart Temp(°C): ");
66
       Serial.println(sensor2);
67
68
69
       sensor2 = thermistor2.getTempCelsius();
       Serial.print("Sensor2 calc. Beta equ. Temp(ºC): ");
70
71
       Serial.println(sensor2);
72
       sensor2 = thermistor2.fastTempCelsius();
73
       Serial.print("Sensor2 calc. Fast equ. Temp(°C): ");
74
75
       Serial.println(sensor2);
       Serial.println();
76
       delay(1000); // Comment for serial plotter.
77
78
     }
79
```