

```

1  /*
2  ThermistorNTC.ino - Library to used to derive a precise temperature of a
3  • thermistor,
4  fastest Calc (26~18% faster)
5  v0.2
6
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9
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11
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13
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26
27 */
28
29 /**
30  * Example sketch for the ThermistorNTC Library.
31  */
32
33 #include <ThermistorNTC.h>
34
35 Thermistor thermistor0(/* PIN */      A0,
36                        /* RESISTOR */  21900L,
37                        /* NTC 25°C */  9950L,
38                        /* A */        3354016e-9,
39                        /* B */        2569850e-10,
40                        /* C */        2620131e-12,
41                        /* D */        6383091e-14,
42                        /* Vref */      5.03);
43
44 Thermistor thermistor1(/* PIN */      A1,
45                        /* RESISTOR */  21900L,
46                        /* NTC 25°C */  9950L,
47                        /* BETA */      4190.0,
48                        /* Vref */      5.03);
49
50 void setup(void)

```

```
50 void setup(void)
51 {
52   Serial.begin(57600);
53 }
54
55
56 void loop(void)
57 {
58   double sensor0 = thermistor0.getTempCelsius();
59   Serial.print("Sensor0 calc. Temp(°C): ");
60   Serial.println(sensor0);
61
62   double sensor1 = thermistor1.getTempCelsius();
63   Serial.print("Sensor1 calc. Temp(°C): ");
64   Serial.println(sensor1);
65
66   double sensor1_fast = thermistor1.fastTempCelsius();
67   Serial.print("Sensor1_fast calc. Temp(°C): ");
68   Serial.println(sensor1_fast);
69
70   delay(1000);
71 }
72
```