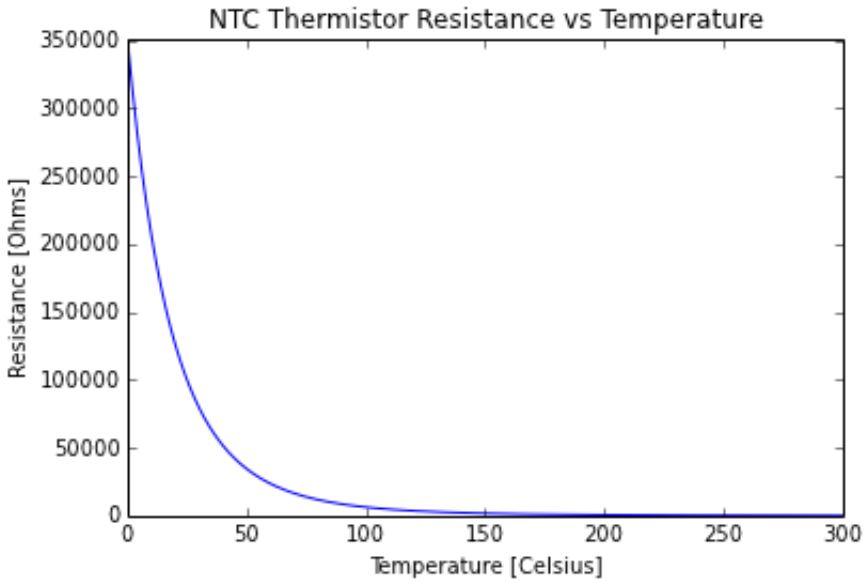
NTC Thermistor

Calculated for EPCOS 100K NTC Thermistor (B57560G1104F)

- hasta 300ºC
- Error 1%
- Precio 2,534€
- Datasheet: http://docs-europe.electrocomponents.com/webdocs/11ed/0900766b811edb9b.pdf
- URL: http://es.rs-online.com/web/p/termistores/7691934/

$$R = R_0 e^{\beta (\frac{1}{T}-\frac{1}{T_0}) }$$

In [1]:
```
import numpy as np
import matplotlib.pyplot as plt
from scipy.interpolate import interp1d
import math

R_0 = 100000.0
T_0 = 298.0
Beta = 4092.0 # He usado B 0/100 No sé en que se diferencian entre ell
as

T = np.linspace(273.0, 573.0, 300.0)
R = R_0 * np.exp( Beta*((1/T) - (1/T_0)) )

T_Celsius = np.subtract(T, 273.0)

plt.axis([np.min(T_Celsius), np.max(T_Celsius), np.min(R), np.max(R)])
plt.ticklabel_format(style = 'plain', axis = 'both')
plt.xscale('linear')
plt.yscale('linear')
plt.xlabel('Temperature [Celsius]')
plt.ylabel('Resistance [Ohms]')
plt.title('NTC Thermistor Resistance vs Temperature')


plt.plot(T_Celsius,R)
plt.show()
```



In [2]:
```
for i in range(0, 12) :
    j = 25*i
    print 'T[ºC] = %3d \t R = %6.0f \t R/R_25 = %1.3f' % (T[j]-273, R[
j], R[j]/R_0)
```

```
T[ºC] =   0      R = 351650      R/R_25 = 3.517
T[ºC] =  25      R =  99616      R/R_25 = 0.996
T[ºC] =  50      R =  34323      R/R_25 = 0.343
T[ºC] =  75      R =  13788      R/R_25 = 0.138
T[ºC] = 100      R =   6261      R/R_25 = 0.063
T[ºC] = 125      R =   3140      R/R_25 = 0.031
T[ºC] = 150      R =   1709      R/R_25 = 0.017
T[ºC] = 175      R =    996      R/R_25 = 0.010
T[ºC] = 200      R =    614      R/R_25 = 0.006
T[ºC] = 225      R =    398      R/R_25 = 0.004
T[ºC] = 250      R =    269      R/R_25 = 0.003
T[ºC] = 275      R =    188      R/R_25 = 0.002
```

NTC Thermistor Circuit

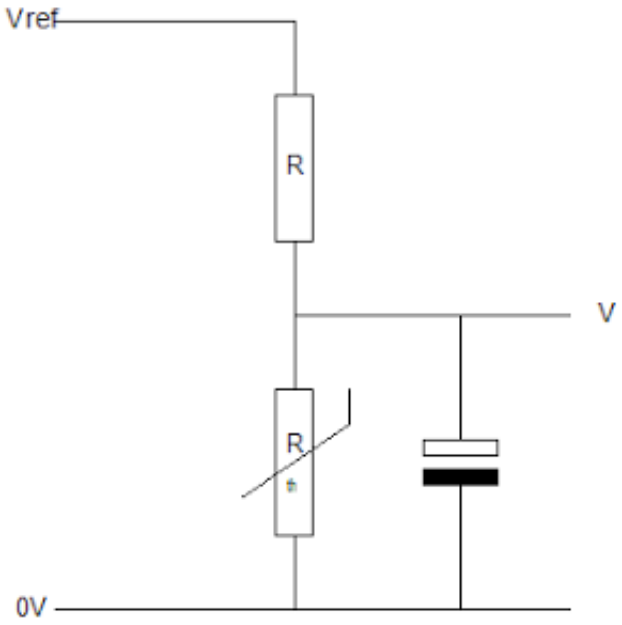
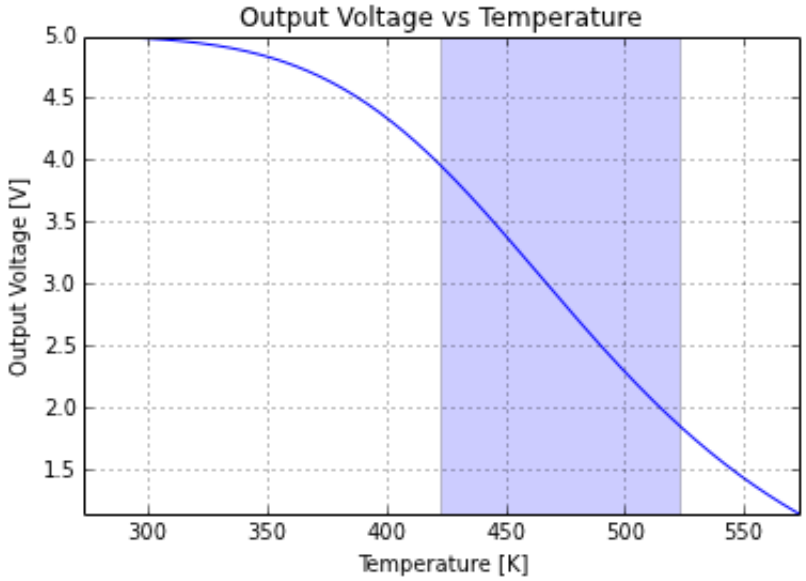


Diagrama del circuito

In [3]:
```
V_ref = 5.0      # Voltaje de entrada del divisor, voltaje de referenc
ia del ADC [V]
R = 460.0        # Valor de la resistencia R del divisor de tensión [O
hm]

lim_sup = 250    # Temperatura de interés inferior [Celsius]
lim_inf = 150    # Temperatura de interés superior [Celsius]

T = np.linspace(273, 573, 301)
R_NTC = R_0 * np.exp( Beta*((1/T) - (1/T_0)) )

V_o = V_ref*(R_NTC/(R+R_NTC))



plt.axis([np.min(T), np.max(T), np.min(V_o), np.max(V_o)])
plt.ticklabel_format(style = 'plain', axis = 'both')
plt.xscale('linear')
plt.yscale('linear')
plt.xlabel('Temperature [K]')
plt.ylabel('Output Voltage [V]')
plt.title('Output Voltage vs Temperature')
plt.grid(True)
plt.axvspan(lim_inf+273, lim_sup+273, ymin=0, ymax=1, alpha=0.2)


plt.plot(T,V_o)
plt.show()
```



Comprobar que cumple con el criterio de la resolución en el rango de interés

In [4]:
```
for i in range(lim_inf, lim_sup) :
    if V_o[i]-V_o[i+1] > 0.00488 :
        s = 'Resolucion OK'
    else :
        s = '!!!Resolucion NOK'
    print 'T[ºC] = %d, V_o = %f, R = %f, Delta V_o = %f, %s' % (T[i]-2
73, V_o[i], R_NTC[i], V_o[i]-V_o[i+1], s)
```

T[ºC] = 150, V_o = 3.949161, R = 1728.727221, Delta V_o = 0.019062, Re
solucion OK
T[ºC] = 151, V_o = 3.930099, R = 1689.732036, Delta V_o = 0.019221, Re
solucion OK
T[ºC] = 152, V_o = 3.910879, R = 1651.793812, Delta V_o = 0.019377, Re
solucion OK
T[ºC] = 153, V_o = 3.891502, R = 1614.879538, Delta V_o = 0.019529, Re
solucion OK
T[ºC] = 154, V_o = 3.871972, R = 1578.957367, Delta V_o = 0.019679, Re
solucion OK
T[ºC] = 155, V_o = 3.852293, R = 1543.996563, Delta V_o = 0.019825, Re
solucion OK
T[ºC] = 156, V_o = 3.832468, R = 1509.967459, Delta V_o = 0.019968, Re
solucion OK
T[ºC] = 157, V_o = 3.812500, R = 1476.841420, Delta V_o = 0.020108, Re
solucion OK
T[ºC] = 158, V_o = 3.792392, R = 1444.590800, Delta V_o = 0.020244, Re
solucion OK
T[ºC] = 159, V_o = 3.772147, R = 1413.188903, Delta V_o = 0.020377, Re
solucion OK
T[ºC] = 160, V_o = 3.751771, R = 1382.609951, Delta V_o = 0.020506, Re
solucion OK
T[ºC] = 161, V_o = 3.731265, R = 1352.829047, Delta V_o = 0.020631, Re
solucion OK
T[ºC] = 162, V_o = 3.710634, R = 1323.822141, Delta V_o = 0.020753, Re
solucion OK
T[ºC] = 163, V_o = 3.689881, R = 1295.565997, Delta V_o = 0.020870, Re
solucion OK
T[ºC] = 164, V_o = 3.669011, R = 1268.038167, Delta V_o = 0.020984, Re
solucion OK
T[ºC] = 165, V_o = 3.648027, R = 1241.216957, Delta V_o = 0.021094, Re
solucion OK
T[ºC] = 166, V_o = 3.626932, R = 1215.081402, Delta V_o = 0.021200, Re
solucion OK
T[ºC] = 167, V_o = 3.605732, R = 1189.611237, Delta V_o = 0.021302, Re
solucion OK
T[ºC] = 168, V_o = 3.584430, R = 1164.786870, Delta V_o = 0.021400, Re
solucion OK
T[ºC] = 169, V_o = 3.563029, R = 1140.589363, Delta V_o = 0.021494, Re
solucion OK
T[ºC] = 170, V_o = 3.541535, R = 1117.000400, Delta V_o = 0.021584, Re
solucion OK
T[ºC] = 171, V_o = 3.519951, R = 1094.002269, Delta V_o = 0.021670, Re
solucion OK
T[ºC] = 172, V_o = 3.498281, R = 1071.577841, Delta V_o = 0.021752, Re
solucion OK
T[ºC] = 173, V_o = 3.476529, R = 1049.710544, Delta V_o = 0.021829, Re
solucion OK
T[ºC] = 174, V_o = 3.454700, R = 1028.384349, Delta V_o = 0.021902, Re
solucion OK
T[ºC] = 175, V_o = 3.432798, R = 1007.583745, Delta V_o = 0.021971, Re
solucion OK
T[ºC] = 176, V_o = 3.410827, R = 987.293723, Delta V_o = 0.022036, Res
olucion OK
T[ºC] = 177, V_o = 3.388791, R = 967.499757, Delta V_o = 0.022096, Res
olucion OK
T[ºC] = 178, V_o = 3.366695, R = 948.187789, Delta V_o = 0.022152, Res
olucion OK
T[ºC] = 179, V_o = 3.344543, R = 929.344209, Delta V_o = 0.022204, Res

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olucion OK
T[ºC] = 180, V_o = 3.322338, R = 910.955842, Delta V_o = 0.022252, Res
olucion OK
T[ºC] = 181, V_o = 3.300086, R = 893.009929, Delta V_o = 0.022295, Res
olucion OK
T[ºC] = 182, V_o = 3.277791, R = 875.494119, Delta V_o = 0.022335, Res
olucion OK
T[ºC] = 183, V_o = 3.255456, R = 858.396446, Delta V_o = 0.022369, Res
olucion OK
T[ºC] = 184, V_o = 3.233087, R = 841.705323, Delta V_o = 0.022400, Res
olucion OK
T[ºC] = 185, V_o = 3.210687, R = 825.409525, Delta V_o = 0.022426, Res
olucion OK
T[ºC] = 186, V_o = 3.188260, R = 809.498177, Delta V_o = 0.022449, Res
olucion OK
T[ºC] = 187, V_o = 3.165812, R = 793.960740, Delta V_o = 0.022467, Res
olucion OK
T[ºC] = 188, V_o = 3.143345, R = 778.787006, Delta V_o = 0.022481, Res
olucion OK
T[ºC] = 189, V_o = 3.120864, R = 763.967079, Delta V_o = 0.022490, Res
olucion OK
T[ºC] = 190, V_o = 3.098374, R = 749.491367, Delta V_o = 0.022496, Res
olucion OK
T[ºC] = 191, V_o = 3.075878, R = 735.350575, Delta V_o = 0.022497, Res
olucion OK
T[ºC] = 192, V_o = 3.053381, R = 721.535688, Delta V_o = 0.022495, Res
olucion OK
T[ºC] = 193, V_o = 3.030886, R = 708.037969, Delta V_o = 0.022488, Res
olucion OK
T[ºC] = 194, V_o = 3.008398, R = 694.848944, Delta V_o = 0.022478, Res
olucion OK
T[ºC] = 195, V_o = 2.985920, R = 681.960395, Delta V_o = 0.022463, Res
olucion OK
T[ºC] = 196, V_o = 2.963456, R = 669.364353, Delta V_o = 0.022445, Res
olucion OK
T[ºC] = 197, V_o = 2.941011, R = 657.053088, Delta V_o = 0.022423, Res
olucion OK
T[ºC] = 198, V_o = 2.918588, R = 645.019101, Delta V_o = 0.022397, Res
olucion OK
T[ºC] = 199, V_o = 2.896191, R = 633.255115, Delta V_o = 0.022367, Res
olucion OK
T[ºC] = 200, V_o = 2.873824, R = 621.754072, Delta V_o = 0.022334, Res
olucion OK
T[ºC] = 201, V_o = 2.851490, R = 610.509121, Delta V_o = 0.022297, Res
olucion OK
T[ºC] = 202, V_o = 2.829193, R = 599.513614, Delta V_o = 0.022256, Res
olucion OK
T[ºC] = 203, V_o = 2.806936, R = 588.761099, Delta V_o = 0.022212, Res
olucion OK
T[ºC] = 204, V_o = 2.784724, R = 578.245312, Delta V_o = 0.022165, Res
olucion OK
T[ºC] = 205, V_o = 2.762559, R = 567.960172, Delta V_o = 0.022114, Res
olucion OK
T[ºC] = 206, V_o = 2.740446, R = 557.899777, Delta V_o = 0.022059, Res
olucion OK
T[ºC] = 207, V_o = 2.718386, R = 548.058395, Delta V_o = 0.022002, Res
olucion OK
T[ºC] = 208, V_o = 2.696384, R = 538.430458, Delta V_o = 0.021941, Res
olucion OK
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T[ºC] = 209, V_o = 2.674443, R = 529.010562, Delta V_o = 0.021877, Res
olucion OK
T[ºC] = 210, V_o = 2.652566, R = 519.793455, Delta V_o = 0.021810, Res
olucion OK
T[ºC] = 211, V_o = 2.630757, R = 510.774037, Delta V_o = 0.021740, Res
olucion OK
T[ºC] = 212, V_o = 2.609017, R = 501.947355, Delta V_o = 0.021667, Res
olucion OK
T[ºC] = 213, V_o = 2.587350, R = 493.308593, Delta V_o = 0.021591, Res
olucion OK
T[ºC] = 214, V_o = 2.565759, R = 484.853075, Delta V_o = 0.021512, Res
olucion OK
T[ºC] = 215, V_o = 2.544247, R = 476.576255, Delta V_o = 0.021431, Res
olucion OK
T[ºC] = 216, V_o = 2.522816, R = 468.473717, Delta V_o = 0.021347, Res
olucion OK
T[ºC] = 217, V_o = 2.501470, R = 460.541167, Delta V_o = 0.021260, Res
olucion OK
T[ºC] = 218, V_o = 2.480210, R = 452.774433, Delta V_o = 0.021171, Res
olucion OK
T[ºC] = 219, V_o = 2.459039, R = 445.169457, Delta V_o = 0.021079, Res
olucion OK
T[ºC] = 220, V_o = 2.437960, R = 437.722295, Delta V_o = 0.020985, Res
olucion OK
T[ºC] = 221, V_o = 2.416976, R = 430.429114, Delta V_o = 0.020888, Res
olucion OK
T[ºC] = 222, V_o = 2.396087, R = 423.286184, Delta V_o = 0.020790, Res
olucion OK
T[ºC] = 223, V_o = 2.375298, R = 416.289878, Delta V_o = 0.020689, Res
olucion OK
T[ºC] = 224, V_o = 2.354609, R = 409.436672, Delta V_o = 0.020586, Res
olucion OK
T[ºC] = 225, V_o = 2.334023, R = 402.723133, Delta V_o = 0.020481, Res
olucion OK
T[ºC] = 226, V_o = 2.313542, R = 396.145926, Delta V_o = 0.020374, Res
olucion OK
T[ºC] = 227, V_o = 2.293168, R = 389.701804, Delta V_o = 0.020265, Res
olucion OK
T[ºC] = 228, V_o = 2.272903, R = 383.387609, Delta V_o = 0.020155, Res
olucion OK
T[ºC] = 229, V_o = 2.252748, R = 377.200269, Delta V_o = 0.020042, Res
olucion OK
T[ºC] = 230, V_o = 2.232706, R = 371.136793, Delta V_o = 0.019928, Res
olucion OK
T[ºC] = 231, V_o = 2.212778, R = 365.194270, Delta V_o = 0.019813, Res
olucion OK
T[ºC] = 232, V_o = 2.192965, R = 359.369870, Delta V_o = 0.019696, Res
olucion OK
T[ºC] = 233, V_o = 2.173269, R = 353.660836, Delta V_o = 0.019577, Res
olucion OK
T[ºC] = 234, V_o = 2.153692, R = 348.064483, Delta V_o = 0.019457, Res
olucion OK
T[ºC] = 235, V_o = 2.134236, R = 342.578199, Delta V_o = 0.019336, Res
olucion OK
T[ºC] = 236, V_o = 2.114900, R = 337.199442, Delta V_o = 0.019213, Res
olucion OK
T[ºC] = 237, V_o = 2.095687, R = 331.925734, Delta V_o = 0.019089, Res
olucion OK
T[ºC] = 238, V_o = 2.076598, R = 326.754665, Delta V_o = 0.018964, Res

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olucion OK
T[ºC] = 239, V_o = 2.057634, R = 321.683885, Delta V_o = 0.018838, Res
olucion OK
T[ºC] = 240, V_o = 2.038796, R = 316.711108, Delta V_o = 0.018711, Res
olucion OK
T[ºC] = 241, V_o = 2.020085, R = 311.834106, Delta V_o = 0.018583, Res
olucion OK
T[ºC] = 242, V_o = 2.001502, R = 307.050709, Delta V_o = 0.018454, Res
olucion OK
T[ºC] = 243, V_o = 1.983048, R = 302.358802, Delta V_o = 0.018324, Res
olucion OK
T[ºC] = 244, V_o = 1.964723, R = 297.756327, Delta V_o = 0.018194, Res
olucion OK
T[ºC] = 245, V_o = 1.946530, R = 293.241277, Delta V_o = 0.018063, Res
olucion OK
T[ºC] = 246, V_o = 1.928467, R = 288.811696, Delta V_o = 0.017931, Res
olucion OK
T[ºC] = 247, V_o = 1.910536, R = 284.465679, Delta V_o = 0.017798, Res
olucion OK
T[ºC] = 248, V_o = 1.892737, R = 280.201369, Delta V_o = 0.017665, Res
olucion OK
T[ºC] = 249, V_o = 1.875072, R = 276.016957, Delta V_o = 0.017532, Res
olucion OK
```

Tabla resumen

In [5]:
```
for i in range(1, 13) :
    j = 25*i
    print 'T[ºC] = %3d, R = %6d, V_o = %.3f, Delta V_o = %2.3f, I = %.
6f' % (T[j]-273, R_NTC[j], V_o[j], V_o[j-1]-V_o[j], 5/(R_NTC[j]+R))
```

```
T[ºC] =  25, R = 100000, V_o = 4.977, Delta V_o = 0.001, I = 0.000050
T[ºC] =  50, R =  34548, V_o = 4.934, Delta V_o = 0.003, I = 0.000143
T[ºC] =  75, R =  13904, V_o = 4.840, Delta V_o = 0.005, I = 0.000348
T[ºC] = 100, R =   6322, V_o = 4.661, Delta V_o = 0.009, I = 0.000737
T[ºC] = 125, R =   3174, V_o = 4.367, Delta V_o = 0.014, I = 0.001376
T[ºC] = 150, R =   1728, V_o = 3.949, Delta V_o = 0.019, I = 0.002284
T[ºC] = 175, R =   1007, V_o = 3.433, Delta V_o = 0.022, I = 0.003407
T[ºC] = 200, R =    621, V_o = 2.874, Delta V_o = 0.022, I = 0.004622
T[ºC] = 225, R =    402, V_o = 2.334, Delta V_o = 0.021, I = 0.005796
T[ºC] = 250, R =    271, V_o = 1.858, Delta V_o = 0.018, I = 0.006831
T[ºC] = 275, R =    190, V_o = 1.463, Delta V_o = 0.014, I = 0.007689
T[ºC] = 300, R =    137, V_o = 1.150, Delta V_o = 0.011, I = 0.008370
```

Look Up Table

\[R_{NTC} = \frac{V_o R}{V_{ref} - V_o}\]

In [12]:
```
for i in range(0, 1024) :
    N = i
    V_o_i = N*(5.0/1024.0)
    R_NTC_i = (V_o_i*R)/(V_ref - V_o_i)


    if R_NTC_i > 0 :
        aux1 = ( math.log(R_NTC_i) - math.log(R_0) ) / Beta
        aux2 = 1.0/(T_0)
    else :
        aux1 = 1000000
        aux2 = 1000000

    T_i = 1.0/( aux1 + aux2 ) #Kelvin
    T_i = T_i - 273.0 #Celsius

    #T_i = T_interp(R_NTC_i)

    print 'N = %4d \t V_o[V] = %.3f \t R_NTC[Ohms] = %6.f \t T[ºC] = %
3.2f' % (N, V_o_i, R_NTC_i, T_i)
```

```
N =    0         V_o[V] = 0.000          R_NTC[Ohms] =      0    T[ºC]
 = -273.00
N =    1         V_o[V] = 0.005          R_NTC[Ohms] =      0    T[ºC]
 = 2610.01
N =    2         V_o[V] = 0.010          R_NTC[Ohms] =      1    T[ºC]
 = 1663.15
N =    3         V_o[V] = 0.015          R_NTC[Ohms] =      1    T[ºC]
 = 1350.86
N =    4         V_o[V] = 0.020          R_NTC[Ohms] =      2    T[ºC]
 = 1183.96
N =    5         V_o[V] = 0.024          R_NTC[Ohms] =      2    T[ºC]
 = 1076.29
N =    6         V_o[V] = 0.029          R_NTC[Ohms] =      3    T[ºC]
 = 999.38
N =    7         V_o[V] = 0.034          R_NTC[Ohms] =      3    T[ºC]
 = 940.83
N =    8         V_o[V] = 0.039          R_NTC[Ohms] =      4    T[ºC]
 = 894.26
N =    9         V_o[V] = 0.044          R_NTC[Ohms] =      4    T[ºC]
 = 856.01
N =   10         V_o[V] = 0.049          R_NTC[Ohms] =      5    T[ºC]
 = 823.82
N =   11         V_o[V] = 0.054          R_NTC[Ohms] =      5    T[ºC]
 = 796.23
N =   12         V_o[V] = 0.059          R_NTC[Ohms] =      5    T[ºC]
 = 772.19
N =   13         V_o[V] = 0.063          R_NTC[Ohms] =      6    T[ºC]
 = 751.00
N =   14         V_o[V] = 0.068          R_NTC[Ohms] =      6    T[ºC]
 = 732.11
N =   15         V_o[V] = 0.073          R_NTC[Ohms] =      7    T[ºC]
 = 715.12
N =   16         V_o[V] = 0.078          R_NTC[Ohms] =      7    T[ºC]
 = 699.73
N =   17         V_o[V] = 0.083          R_NTC[Ohms] =      8    T[ºC]
 = 685.69
N =   18         V_o[V] = 0.088          R_NTC[Ohms] =      8    T[ºC]
 = 672.80
N =   19         V_o[V] = 0.093          R_NTC[Ohms] =      9    T[ºC]
```

= 660.92
N = 20 V_o[V] = 0.098 R_NTC[Ohms] = 9 T[ºC]
= 649.90
N = 21 V_o[V] = 0.103 R_NTC[Ohms] = 10 T[ºC]
= 639.66
N = 22 V_o[V] = 0.107 R_NTC[Ohms] = 10 T[ºC]
= 630.09
N = 23 V_o[V] = 0.112 R_NTC[Ohms] = 11 T[ºC]
= 621.12
N = 24 V_o[V] = 0.117 R_NTC[Ohms] = 11 T[ºC]
= 612.69
N = 25 V_o[V] = 0.122 R_NTC[Ohms] = 12 T[ºC]
= 604.74
N = 26 V_o[V] = 0.127 R_NTC[Ohms] = 12 T[ºC]
= 597.23
N = 27 V_o[V] = 0.132 R_NTC[Ohms] = 12 T[ºC]
= 590.12
N = 28 V_o[V] = 0.137 R_NTC[Ohms] = 13 T[ºC]
= 583.37
N = 29 V_o[V] = 0.142 R_NTC[Ohms] = 13 T[ºC]
= 576.95
N = 30 V_o[V] = 0.146 R_NTC[Ohms] = 14 T[ºC]
= 570.83
N = 31 V_o[V] = 0.151 R_NTC[Ohms] = 14 T[ºC]
= 564.99
N = 32 V_o[V] = 0.156 R_NTC[Ohms] = 15 T[ºC]
= 559.41
N = 33 V_o[V] = 0.161 R_NTC[Ohms] = 15 T[ºC]
= 554.06
N = 34 V_o[V] = 0.166 R_NTC[Ohms] = 16 T[ºC]
= 548.93
N = 35 V_o[V] = 0.171 R_NTC[Ohms] = 16 T[ºC]
= 544.01
N = 36 V_o[V] = 0.176 R_NTC[Ohms] = 17 T[ºC]
= 539.28
N = 37 V_o[V] = 0.181 R_NTC[Ohms] = 17 T[ºC]
= 534.72
N = 38 V_o[V] = 0.186 R_NTC[Ohms] = 18 T[ºC]
= 530.33
N = 39 V_o[V] = 0.190 R_NTC[Ohms] = 18 T[ºC]
= 526.10
N = 40 V_o[V] = 0.195 R_NTC[Ohms] = 19 T[ºC]
= 522.01
N = 41 V_o[V] = 0.200 R_NTC[Ohms] = 19 T[ºC]
= 518.06
N = 42 V_o[V] = 0.205 R_NTC[Ohms] = 20 T[ºC]
= 514.24
N = 43 V_o[V] = 0.210 R_NTC[Ohms] = 20 T[ºC]
= 510.54
N = 44 V_o[V] = 0.215 R_NTC[Ohms] = 21 T[ºC]
= 506.95
N = 45 V_o[V] = 0.220 R_NTC[Ohms] = 21 T[ºC]
= 503.47
N = 46 V_o[V] = 0.225 R_NTC[Ohms] = 22 T[ºC]
= 500.10
N = 47 V_o[V] = 0.229 R_NTC[Ohms] = 22 T[ºC]
= 496.82
N = 48 V_o[V] = 0.234 R_NTC[Ohms] = 23 T[ºC]
= 493.64
N = 49 V_o[V] = 0.239 R_NTC[Ohms] = 23 T[ºC]

N = 49 V_o[V] = 0.239 R_NTC[Ohms] = 25 T[ºC] = 490.54
N = 50 V_o[V] = 0.244 R_NTC[Ohms] = 24 T[ºC] = 487.53
N = 51 V_o[V] = 0.249 R_NTC[Ohms] = 24 T[ºC] = 484.60
N = 52 V_o[V] = 0.254 R_NTC[Ohms] = 25 T[ºC] = 481.74
N = 53 V_o[V] = 0.259 R_NTC[Ohms] = 25 T[ºC] = 478.96
N = 54 V_o[V] = 0.264 R_NTC[Ohms] = 26 T[ºC] = 476.24
N = 55 V_o[V] = 0.269 R_NTC[Ohms] = 26 T[ºC] = 473.59
N = 56 V_o[V] = 0.273 R_NTC[Ohms] = 27 T[ºC] = 471.00
N = 57 V_o[V] = 0.278 R_NTC[Ohms] = 27 T[ºC] = 468.48
N = 58 V_o[V] = 0.283 R_NTC[Ohms] = 28 T[ºC] = 466.01
N = 59 V_o[V] = 0.288 R_NTC[Ohms] = 28 T[ºC] = 463.60
N = 60 V_o[V] = 0.293 R_NTC[Ohms] = 29 T[ºC] = 461.24
N = 61 V_o[V] = 0.298 R_NTC[Ohms] = 29 T[ºC] = 458.93
N = 62 V_o[V] = 0.303 R_NTC[Ohms] = 30 T[ºC] = 456.68
N = 63 V_o[V] = 0.308 R_NTC[Ohms] = 30 T[ºC] = 454.47
N = 64 V_o[V] = 0.312 R_NTC[Ohms] = 31 T[ºC] = 452.30
N = 65 V_o[V] = 0.317 R_NTC[Ohms] = 31 T[ºC] = 450.18
N = 66 V_o[V] = 0.322 R_NTC[Ohms] = 32 T[ºC] = 448.10
N = 67 V_o[V] = 0.327 R_NTC[Ohms] = 32 T[ºC] = 446.06
N = 68 V_o[V] = 0.332 R_NTC[Ohms] = 33 T[ºC] = 444.07
N = 69 V_o[V] = 0.337 R_NTC[Ohms] = 33 T[ºC] = 442.10
N = 70 V_o[V] = 0.342 R_NTC[Ohms] = 34 T[ºC] = 440.18
N = 71 V_o[V] = 0.347 R_NTC[Ohms] = 34 T[ºC] = 438.29
N = 72 V_o[V] = 0.352 R_NTC[Ohms] = 35 T[ºC] = 436.44
N = 73 V_o[V] = 0.356 R_NTC[Ohms] = 35 T[ºC] = 434.62
N = 74 V_o[V] = 0.361 R_NTC[Ohms] = 36 T[ºC] = 432.83
N = 75 V_o[V] = 0.366 R_NTC[Ohms] = 36 T[ºC] = 431.07
N = 76 V_o[V] = 0.371 R_NTC[Ohms] = 37 T[ºC] = 429.34
N = 77 V_o[V] = 0.376 R_NTC[Ohms] = 37 T[ºC] = 427.64
N = 78 V_o[V] = 0.381 R_NTC[Ohms] = 38 T[ºC] = 425.97

= 425.97
N = 79 V_o[V] = 0.386 R_NTC[Ohms] = 38 T[ºC]
= 424.33
N = 80 V_o[V] = 0.391 R_NTC[Ohms] = 39 T[ºC]
= 422.71
N = 81 V_o[V] = 0.396 R_NTC[Ohms] = 40 T[ºC]
= 421.12
N = 82 V_o[V] = 0.400 R_NTC[Ohms] = 40 T[ºC]
= 419.55
N = 83 V_o[V] = 0.405 R_NTC[Ohms] = 41 T[ºC]
= 418.01
N = 84 V_o[V] = 0.410 R_NTC[Ohms] = 41 T[ºC]
= 416.49
N = 85 V_o[V] = 0.415 R_NTC[Ohms] = 42 T[ºC]
= 415.00
N = 86 V_o[V] = 0.420 R_NTC[Ohms] = 42 T[ºC]
= 413.53
N = 87 V_o[V] = 0.425 R_NTC[Ohms] = 43 T[ºC]
= 412.07
N = 88 V_o[V] = 0.430 R_NTC[Ohms] = 43 T[ºC]
= 410.64
N = 89 V_o[V] = 0.435 R_NTC[Ohms] = 44 T[ºC]
= 409.23
N = 90 V_o[V] = 0.439 R_NTC[Ohms] = 44 T[ºC]
= 407.85
N = 91 V_o[V] = 0.444 R_NTC[Ohms] = 45 T[ºC]
= 406.47
N = 92 V_o[V] = 0.449 R_NTC[Ohms] = 45 T[ºC]
= 405.12
N = 93 V_o[V] = 0.454 R_NTC[Ohms] = 46 T[ºC]
= 403.79
N = 94 V_o[V] = 0.459 R_NTC[Ohms] = 46 T[ºC]
= 402.48
N = 95 V_o[V] = 0.464 R_NTC[Ohms] = 47 T[ºC]
= 401.18
N = 96 V_o[V] = 0.469 R_NTC[Ohms] = 48 T[ºC]
= 399.90
N = 97 V_o[V] = 0.474 R_NTC[Ohms] = 48 T[ºC]
= 398.63
N = 98 V_o[V] = 0.479 R_NTC[Ohms] = 49 T[ºC]
= 397.39
N = 99 V_o[V] = 0.483 R_NTC[Ohms] = 49 T[ºC]
= 396.16
N = 100 V_o[V] = 0.488 R_NTC[Ohms] = 50 T[ºC]
= 394.94
N = 101 V_o[V] = 0.493 R_NTC[Ohms] = 50 T[ºC]
= 393.74
N = 102 V_o[V] = 0.498 R_NTC[Ohms] = 51 T[ºC]
= 392.55
N = 103 V_o[V] = 0.503 R_NTC[Ohms] = 51 T[ºC]
= 391.38
N = 104 V_o[V] = 0.508 R_NTC[Ohms] = 52 T[ºC]
= 390.22
N = 105 V_o[V] = 0.513 R_NTC[Ohms] = 53 T[ºC]
= 389.08
N = 106 V_o[V] = 0.518 R_NTC[Ohms] = 53 T[ºC]
= 387.95
N = 107 V_o[V] = 0.522 R_NTC[Ohms] = 54 T[ºC]
= 386.83
N = 108 V_o[V] = 0.527 R_NTC[Ohms] = 54 T[ºC]

N = 108 V_o[V] = 0.527 R_NTC[Ohms] = 54 T[ºC]
= 385.73
N = 109 V_o[V] = 0.532 R_NTC[Ohms] = 55 T[ºC]
= 384.64
N = 110 V_o[V] = 0.537 R_NTC[Ohms] = 55 T[ºC]
= 383.56

N = 111 V_o[V] = 0.542 R_NTC[Ohms] = 56 T[ºC]
= 382.49
N = 112 V_o[V] = 0.547 R_NTC[Ohms] = 56 T[ºC]
= 381.44
N = 113 V_o[V] = 0.552 R_NTC[Ohms] = 57 T[ºC]
= 380.39
N = 114 V_o[V] = 0.557 R_NTC[Ohms] = 58 T[ºC]
= 379.36
N = 115 V_o[V] = 0.562 R_NTC[Ohms] = 58 T[ºC]
= 378.34
N = 116 V_o[V] = 0.566 R_NTC[Ohms] = 59 T[ºC]
= 377.33
N = 117 V_o[V] = 0.571 R_NTC[Ohms] = 59 T[ºC]
= 376.33
N = 118 V_o[V] = 0.576 R_NTC[Ohms] = 60 T[ºC]
= 375.34
N = 119 V_o[V] = 0.581 R_NTC[Ohms] = 60 T[ºC]
= 374.36
N = 120 V_o[V] = 0.586 R_NTC[Ohms] = 61 T[ºC]
= 373.39
N = 121 V_o[V] = 0.591 R_NTC[Ohms] = 62 T[ºC]
= 372.43
N = 122 V_o[V] = 0.596 R_NTC[Ohms] = 62 T[ºC]
= 371.49
N = 123 V_o[V] = 0.601 R_NTC[Ohms] = 63 T[ºC]
= 370.55
N = 124 V_o[V] = 0.605 R_NTC[Ohms] = 63 T[ºC]
= 369.62
N = 125 V_o[V] = 0.610 R_NTC[Ohms] = 64 T[ºC]
= 368.69
N = 126 V_o[V] = 0.615 R_NTC[Ohms] = 65 T[ºC]
= 367.78
N = 127 V_o[V] = 0.620 R_NTC[Ohms] = 65 T[ºC]
= 366.88
N = 128 V_o[V] = 0.625 R_NTC[Ohms] = 66 T[ºC]
= 365.98
N = 129 V_o[V] = 0.630 R_NTC[Ohms] = 66 T[ºC]
= 365.10
N = 130 V_o[V] = 0.635 R_NTC[Ohms] = 67 T[ºC]
= 364.22
N = 131 V_o[V] = 0.640 R_NTC[Ohms] = 67 T[ºC]
= 363.35
N = 132 V_o[V] = 0.645 R_NTC[Ohms] = 68 T[ºC]
= 362.48
N = 133 V_o[V] = 0.649 R_NTC[Ohms] = 69 T[ºC]
= 361.63
N = 134 V_o[V] = 0.654 R_NTC[Ohms] = 69 T[ºC]
= 360.78
N = 135 V_o[V] = 0.659 R_NTC[Ohms] = 70 T[ºC]
= 359.94
N = 136 V_o[V] = 0.664 R_NTC[Ohms] = 70 T[ºC]
= 359.11
N = 137 V_o[V] = 0.669 R_NTC[Ohms] = 71 T[ºC]
= 358.29

= 358.29
N = 138 V_o[V] = 0.674 R_NTC[Ohms] = 72 T[ºC]
= 357.47
N = 139 V_o[V] = 0.679 R_NTC[Ohms] = 72 T[ºC]
= 356.66
N = 140 V_o[V] = 0.684 R_NTC[Ohms] = 73 T[ºC]
= 355.86
N = 141 V_o[V] = 0.688 R_NTC[Ohms] = 73 T[ºC]
= 355.06
N = 142 V_o[V] = 0.693 R_NTC[Ohms] = 74 T[ºC]
= 354.27
N = 143 V_o[V] = 0.698 R_NTC[Ohms] = 75 T[ºC]
= 353.49
N = 144 V_o[V] = 0.703 R_NTC[Ohms] = 75 T[ºC]
= 352.71
N = 145 V_o[V] = 0.708 R_NTC[Ohms] = 76 T[ºC]
= 351.94
N = 146 V_o[V] = 0.713 R_NTC[Ohms] = 76 T[ºC]
= 351.18
N = 147 V_o[V] = 0.718 R_NTC[Ohms] = 77 T[ºC]
= 350.42
N = 148 V_o[V] = 0.723 R_NTC[Ohms] = 78 T[ºC]
= 349.67
N = 149 V_o[V] = 0.728 R_NTC[Ohms] = 78 T[ºC]
= 348.93
N = 150 V_o[V] = 0.732 R_NTC[Ohms] = 79 T[ºC]
= 348.19
N = 151 V_o[V] = 0.737 R_NTC[Ohms] = 80 T[ºC]
= 347.45
N = 152 V_o[V] = 0.742 R_NTC[Ohms] = 80 T[ºC]
= 346.72
N = 153 V_o[V] = 0.747 R_NTC[Ohms] = 81 T[ºC]
= 346.00
N = 154 V_o[V] = 0.752 R_NTC[Ohms] = 81 T[ºC]
= 345.29
N = 155 V_o[V] = 0.757 R_NTC[Ohms] = 82 T[ºC]
= 344.57
N = 156 V_o[V] = 0.762 R_NTC[Ohms] = 83 T[ºC]
= 343.87
N = 157 V_o[V] = 0.767 R_NTC[Ohms] = 83 T[ºC]
= 343.17
N = 158 V_o[V] = 0.771 R_NTC[Ohms] = 84 T[ºC]
= 342.47
N = 159 V_o[V] = 0.776 R_NTC[Ohms] = 85 T[ºC]
= 341.78
N = 160 V_o[V] = 0.781 R_NTC[Ohms] = 85 T[ºC]
= 341.10
N = 161 V_o[V] = 0.786 R_NTC[Ohms] = 86 T[ºC]
= 340.42
N = 162 V_o[V] = 0.791 R_NTC[Ohms] = 86 T[ºC]
= 339.74
N = 163 V_o[V] = 0.796 R_NTC[Ohms] = 87 T[ºC]
= 339.07
N = 164 V_o[V] = 0.801 R_NTC[Ohms] = 88 T[ºC]
= 338.41
N = 165 V_o[V] = 0.806 R_NTC[Ohms] = 88 T[ºC]
= 337.74
N = 166 V_o[V] = 0.811 R_NTC[Ohms] = 89 T[ºC]
= 337.09
N = 167 V_o[V] = 0.815 R_NTC[Ohms] = 90 T[ºC]

N = 167 V_o[V] = 0.815 R_NTC[Ohms] = 90 T[ºC] = 336.44
N = 168 V_o[V] = 0.820 R_NTC[Ohms] = 90 T[ºC] = 335.79
N = 169 V_o[V] = 0.825 R_NTC[Ohms] = 91 T[ºC] = 335.15
N = 170 V_o[V] = 0.830 R_NTC[Ohms] = 92 T[ºC] = 334.51
N = 171 V_o[V] = 0.835 R_NTC[Ohms] = 92 T[ºC] = 333.87
N = 172 V_o[V] = 0.840 R_NTC[Ohms] = 93 T[ºC] = 333.24
N = 173 V_o[V] = 0.845 R_NTC[Ohms] = 94 T[ºC] = 332.62
N = 174 V_o[V] = 0.850 R_NTC[Ohms] = 94 T[ºC] = 332.00
N = 175 V_o[V] = 0.854 R_NTC[Ohms] = 95 T[ºC] = 331.38
N = 176 V_o[V] = 0.859 R_NTC[Ohms] = 95 T[ºC] = 330.77
N = 177 V_o[V] = 0.864 R_NTC[Ohms] = 96 T[ºC] = 330.16
N = 178 V_o[V] = 0.869 R_NTC[Ohms] = 97 T[ºC] = 329.55
N = 179 V_o[V] = 0.874 R_NTC[Ohms] = 97 T[ºC] = 328.95
N = 180 V_o[V] = 0.879 R_NTC[Ohms] = 98 T[ºC] = 328.35
N = 181 V_o[V] = 0.884 R_NTC[Ohms] = 99 T[ºC] = 327.76
N = 182 V_o[V] = 0.889 R_NTC[Ohms] = 99 T[ºC] = 327.17
N = 183 V_o[V] = 0.894 R_NTC[Ohms] = 100 T[ºC] = 326.58
N = 184 V_o[V] = 0.898 R_NTC[Ohms] = 101 T[ºC] = 326.00
N = 185 V_o[V] = 0.903 R_NTC[Ohms] = 101 T[ºC] = 325.42
N = 186 V_o[V] = 0.908 R_NTC[Ohms] = 102 T[ºC] = 324.85
N = 187 V_o[V] = 0.913 R_NTC[Ohms] = 103 T[ºC] = 324.27
N = 188 V_o[V] = 0.918 R_NTC[Ohms] = 103 T[ºC] = 323.71
N = 189 V_o[V] = 0.923 R_NTC[Ohms] = 104 T[ºC] = 323.14
N = 190 V_o[V] = 0.928 R_NTC[Ohms] = 105 T[ºC] = 322.58
N = 191 V_o[V] = 0.933 R_NTC[Ohms] = 105 T[ºC] = 322.02
N = 192 V_o[V] = 0.938 R_NTC[Ohms] = 106 T[ºC] = 321.46
N = 193 V_o[V] = 0.942 R_NTC[Ohms] = 107 T[ºC] = 320.91
N = 194 V_o[V] = 0.947 R_NTC[Ohms] = 108 T[ºC] = 320.36
N = 195 V_o[V] = 0.952 R_NTC[Ohms] = 108 T[ºC] = 319.82
N = 196 V_o[V] = 0.957 R_NTC[Ohms] = 109 T[ºC] = 319.28

= 319.28
N = 197 V_o[V] = 0.962 R_NTC[Ohms] = 110 T[ºC]
= 318.74
N = 198 V_o[V] = 0.967 R_NTC[Ohms] = 110 T[ºC]
= 318.20
N = 199 V_o[V] = 0.972 R_NTC[Ohms] = 111 T[ºC]
= 317.67
N = 200 V_o[V] = 0.977 R_NTC[Ohms] = 112 T[ºC]
= 317.14
N = 201 V_o[V] = 0.981 R_NTC[Ohms] = 112 T[ºC]
= 316.61
N = 202 V_o[V] = 0.986 R_NTC[Ohms] = 113 T[ºC]
= 316.08
N = 203 V_o[V] = 0.991 R_NTC[Ohms] = 114 T[ºC]
= 315.56
N = 204 V_o[V] = 0.996 R_NTC[Ohms] = 114 T[ºC]
= 315.04
N = 205 V_o[V] = 1.001 R_NTC[Ohms] = 115 T[ºC]
= 314.53
N = 206 V_o[V] = 1.006 R_NTC[Ohms] = 116 T[ºC]
= 314.02
N = 207 V_o[V] = 1.011 R_NTC[Ohms] = 117 T[ºC]
= 313.50
N = 208 V_o[V] = 1.016 R_NTC[Ohms] = 117 T[ºC]
= 313.00
N = 209 V_o[V] = 1.021 R_NTC[Ohms] = 118 T[ºC]
= 312.49
N = 210 V_o[V] = 1.025 R_NTC[Ohms] = 119 T[ºC]
= 311.99
N = 211 V_o[V] = 1.030 R_NTC[Ohms] = 119 T[ºC]
= 311.49
N = 212 V_o[V] = 1.035 R_NTC[Ohms] = 120 T[ºC]
= 310.99
N = 213 V_o[V] = 1.040 R_NTC[Ohms] = 121 T[ºC]
= 310.50
N = 214 V_o[V] = 1.045 R_NTC[Ohms] = 122 T[ºC]
= 310.01
N = 215 V_o[V] = 1.050 R_NTC[Ohms] = 122 T[ºC]
= 309.52
N = 216 V_o[V] = 1.055 R_NTC[Ohms] = 123 T[ºC]
= 309.03
N = 217 V_o[V] = 1.060 R_NTC[Ohms] = 124 T[ºC]
= 308.55
N = 218 V_o[V] = 1.064 R_NTC[Ohms] = 124 T[ºC]
= 308.06
N = 219 V_o[V] = 1.069 R_NTC[Ohms] = 125 T[ºC]
= 307.58
N = 220 V_o[V] = 1.074 R_NTC[Ohms] = 126 T[ºC]
= 307.11
N = 221 V_o[V] = 1.079 R_NTC[Ohms] = 127 T[ºC]
= 306.63
N = 222 V_o[V] = 1.084 R_NTC[Ohms] = 127 T[ºC]
= 306.16
N = 223 V_o[V] = 1.089 R_NTC[Ohms] = 128 T[ºC]
= 305.69
N = 224 V_o[V] = 1.094 R_NTC[Ohms] = 129 T[ºC]
= 305.22
N = 225 V_o[V] = 1.099 R_NTC[Ohms] = 130 T[ºC]
= 304.76
N = 226 V_o[V] = 1.104 R_NTC[Ohms] = 130 T[ºC]

N = 226 V_o[V] = 1.104 R_NTC[Ohms] = 130 T[ºC] = 304.29
N = 227 V_o[V] = 1.108 R_NTC[Ohms] = 131 T[ºC] = 303.83
N = 228 V_o[V] = 1.113 R_NTC[Ohms] = 132 T[ºC] = 303.37

N = 229 V_o[V] = 1.118 R_NTC[Ohms] = 133 T[ºC] = 302.91
N = 230 V_o[V] = 1.123 R_NTC[Ohms] = 133 T[ºC] = 302.46
N = 231 V_o[V] = 1.128 R_NTC[Ohms] = 134 T[ºC] = 302.01
N = 232 V_o[V] = 1.133 R_NTC[Ohms] = 135 T[ºC] = 301.56
N = 233 V_o[V] = 1.138 R_NTC[Ohms] = 135 T[ºC] = 301.11
N = 234 V_o[V] = 1.143 R_NTC[Ohms] = 136 T[ºC] = 300.66
N = 235 V_o[V] = 1.147 R_NTC[Ohms] = 137 T[ºC] = 300.22
N = 236 V_o[V] = 1.152 R_NTC[Ohms] = 138 T[ºC] = 299.77
N = 237 V_o[V] = 1.157 R_NTC[Ohms] = 139 T[ºC] = 299.33
N = 238 V_o[V] = 1.162 R_NTC[Ohms] = 139 T[ºC] = 298.90
N = 239 V_o[V] = 1.167 R_NTC[Ohms] = 140 T[ºC] = 298.46
N = 240 V_o[V] = 1.172 R_NTC[Ohms] = 141 T[ºC] = 298.02
N = 241 V_o[V] = 1.177 R_NTC[Ohms] = 142 T[ºC] = 297.59
N = 242 V_o[V] = 1.182 R_NTC[Ohms] = 142 T[ºC] = 297.16
N = 243 V_o[V] = 1.187 R_NTC[Ohms] = 143 T[ºC] = 296.73
N = 244 V_o[V] = 1.191 R_NTC[Ohms] = 144 T[ºC] = 296.30
N = 245 V_o[V] = 1.196 R_NTC[Ohms] = 145 T[ºC] = 295.88
N = 246 V_o[V] = 1.201 R_NTC[Ohms] = 145 T[ºC] = 295.46
N = 247 V_o[V] = 1.206 R_NTC[Ohms] = 146 T[ºC] = 295.03
N = 248 V_o[V] = 1.211 R_NTC[Ohms] = 147 T[ºC] = 294.61
N = 249 V_o[V] = 1.216 R_NTC[Ohms] = 148 T[ºC] = 294.20
N = 250 V_o[V] = 1.221 R_NTC[Ohms] = 149 T[ºC] = 293.78
N = 251 V_o[V] = 1.226 R_NTC[Ohms] = 149 T[ºC] = 293.37
N = 252 V_o[V] = 1.230 R_NTC[Ohms] = 150 T[ºC] = 292.95
N = 253 V_o[V] = 1.235 R_NTC[Ohms] = 151 T[ºC] = 292.54
N = 254 V_o[V] = 1.240 R_NTC[Ohms] = 152 T[ºC] = 292.13
N = 255 V_o[V] = 1.245 R_NTC[Ohms] = 153 T[ºC] = 291.72

= 291.72
N = 256 V_o[V] = 1.250 R_NTC[Ohms] = 153 T[ºC]
= 291.32
N = 257 V_o[V] = 1.255 R_NTC[Ohms] = 154 T[ºC]
= 290.91
N = 258 V_o[V] = 1.260 R_NTC[Ohms] = 155 T[ºC]
= 290.51
N = 259 V_o[V] = 1.265 R_NTC[Ohms] = 156 T[ºC]
= 290.11
N = 260 V_o[V] = 1.270 R_NTC[Ohms] = 157 T[ºC]
= 289.71
N = 261 V_o[V] = 1.274 R_NTC[Ohms] = 157 T[ºC]
= 289.31
N = 262 V_o[V] = 1.279 R_NTC[Ohms] = 158 T[ºC]
= 288.91
N = 263 V_o[V] = 1.284 R_NTC[Ohms] = 159 T[ºC]
= 288.52
N = 264 V_o[V] = 1.289 R_NTC[Ohms] = 160 T[ºC]
= 288.13
N = 265 V_o[V] = 1.294 R_NTC[Ohms] = 161 T[ºC]
= 287.73
N = 266 V_o[V] = 1.299 R_NTC[Ohms] = 161 T[ºC]
= 287.34
N = 267 V_o[V] = 1.304 R_NTC[Ohms] = 162 T[ºC]
= 286.96
N = 268 V_o[V] = 1.309 R_NTC[Ohms] = 163 T[ºC]
= 286.57
N = 269 V_o[V] = 1.313 R_NTC[Ohms] = 164 T[ºC]
= 286.18
N = 270 V_o[V] = 1.318 R_NTC[Ohms] = 165 T[ºC]
= 285.80
N = 271 V_o[V] = 1.323 R_NTC[Ohms] = 166 T[ºC]
= 285.41
N = 272 V_o[V] = 1.328 R_NTC[Ohms] = 166 T[ºC]
= 285.03
N = 273 V_o[V] = 1.333 R_NTC[Ohms] = 167 T[ºC]
= 284.65
N = 274 V_o[V] = 1.338 R_NTC[Ohms] = 168 T[ºC]
= 284.27
N = 275 V_o[V] = 1.343 R_NTC[Ohms] = 169 T[ºC]
= 283.90
N = 276 V_o[V] = 1.348 R_NTC[Ohms] = 170 T[ºC]
= 283.52
N = 277 V_o[V] = 1.353 R_NTC[Ohms] = 171 T[ºC]
= 283.14
N = 278 V_o[V] = 1.357 R_NTC[Ohms] = 171 T[ºC]
= 282.77
N = 279 V_o[V] = 1.362 R_NTC[Ohms] = 172 T[ºC]
= 282.40
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= 282.03
N = 281 V_o[V] = 1.372 R_NTC[Ohms] = 174 T[ºC]
= 281.66
N = 282 V_o[V] = 1.377 R_NTC[Ohms] = 175 T[ºC]
= 281.29
N = 283 V_o[V] = 1.382 R_NTC[Ohms] = 176 T[ºC]
= 280.92
N = 284 V_o[V] = 1.387 R_NTC[Ohms] = 177 T[ºC]
= 280.56
N = 285 V_o[V] = 1.392 R_NTC[Ohms] = 177 T[ºC]

N = 285 V_o[V] = 1.392 R_NTC[Ohms] = 177 T[ºC]
= 280.19
N = 286 V_o[V] = 1.396 R_NTC[Ohms] = 178 T[ºC]
= 279.83
N = 287 V_o[V] = 1.401 R_NTC[Ohms] = 179 T[ºC]
= 279.47

N = 288 V_o[V] = 1.406 R_NTC[Ohms] = 180 T[ºC]
= 279.11
N = 289 V_o[V] = 1.411 R_NTC[Ohms] = 181 T[ºC]
= 278.75
N = 290 V_o[V] = 1.416 R_NTC[Ohms] = 182 T[ºC]
= 278.39
N = 291 V_o[V] = 1.421 R_NTC[Ohms] = 183 T[ºC]
= 278.04
N = 292 V_o[V] = 1.426 R_NTC[Ohms] = 183 T[ºC]
= 277.68
N = 293 V_o[V] = 1.431 R_NTC[Ohms] = 184 T[ºC]
= 277.33
N = 294 V_o[V] = 1.436 R_NTC[Ohms] = 185 T[ºC]
= 276.97
N = 295 V_o[V] = 1.440 R_NTC[Ohms] = 186 T[ºC]
= 276.62
N = 296 V_o[V] = 1.445 R_NTC[Ohms] = 187 T[ºC]
= 276.27
N = 297 V_o[V] = 1.450 R_NTC[Ohms] = 188 T[ºC]
= 275.92
N = 298 V_o[V] = 1.455 R_NTC[Ohms] = 189 T[ºC]
= 275.57
N = 299 V_o[V] = 1.460 R_NTC[Ohms] = 190 T[ºC]
= 275.22
N = 300 V_o[V] = 1.465 R_NTC[Ohms] = 191 T[ºC]
= 274.88
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= 274.53
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= 274.19
N = 303 V_o[V] = 1.479 R_NTC[Ohms] = 193 T[ºC]
= 273.84
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= 273.50
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= 273.16
N = 306 V_o[V] = 1.494 R_NTC[Ohms] = 196 T[ºC]
= 272.82
N = 307 V_o[V] = 1.499 R_NTC[Ohms] = 197 T[ºC]
= 272.48
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= 272.14
N = 309 V_o[V] = 1.509 R_NTC[Ohms] = 199 T[ºC]
= 271.81
N = 310 V_o[V] = 1.514 R_NTC[Ohms] = 200 T[ºC]
= 271.47
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= 271.14
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= 270.80
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= 270.47
N = 314 V_o[V] = 1.533 R_NTC[Ohms] = 203 T[ºC]
= 270.14

= 270.14
N = 315 V_o[V] = 1.538 R_NTC[Ohms] = 204 T[ºC]
= 269.81
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= 269.48
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= 269.15
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= 268.82
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= 268.50
N = 320 V_o[V] = 1.562 R_NTC[Ohms] = 209 T[ºC]
= 268.17
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= 267.85
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= 267.52
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= 266.88
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= 266.56
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= 266.24
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= 265.92
N = 328 V_o[V] = 1.602 R_NTC[Ohms] = 217 T[ºC]
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= 265.28
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= 264.96
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= 264.65
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= 264.33
N = 333 V_o[V] = 1.626 R_NTC[Ohms] = 222 T[ºC]
= 264.02
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= 263.71
N = 335 V_o[V] = 1.636 R_NTC[Ohms] = 224 T[ºC]
= 263.39
N = 336 V_o[V] = 1.641 R_NTC[Ohms] = 225 T[ºC]
= 263.08
N = 337 V_o[V] = 1.646 R_NTC[Ohms] = 226 T[ºC]
= 262.77
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= 262.46
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= 262.15
N = 340 V_o[V] = 1.660 R_NTC[Ohms] = 229 T[ºC]
= 261.84
N = 341 V_o[V] = 1.665 R_NTC[Ohms] = 230 T[ºC]
= 261.54
N = 342 V_o[V] = 1.670 R_NTC[Ohms] = 231 T[ºC]
= 261.23
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= 260.92
N = 344 V_o[V] = 1.680 R_NTC[Ohms] = 233 T[ºC]

N = 344 V_o[V] = 1.680 R_NTC[Ohms] = 233 T[ºC]
= 260.62
N = 345 V_o[V] = 1.685 R_NTC[Ohms] = 234 T[ºC]
= 260.31
N = 346 V_o[V] = 1.689 R_NTC[Ohms] = 235 T[ºC]
= 260.01

N = 347 V_o[V] = 1.694 R_NTC[Ohms] = 236 T[ºC]
= 259.71
N = 348 V_o[V] = 1.699 R_NTC[Ohms] = 237 T[ºC]
= 259.41
N = 349 V_o[V] = 1.704 R_NTC[Ohms] = 238 T[ºC]
= 259.11
N = 350 V_o[V] = 1.709 R_NTC[Ohms] = 239 T[ºC]
= 258.81
N = 351 V_o[V] = 1.714 R_NTC[Ohms] = 240 T[ºC]
= 258.51
N = 352 V_o[V] = 1.719 R_NTC[Ohms] = 241 T[ºC]
= 258.21
N = 353 V_o[V] = 1.724 R_NTC[Ohms] = 242 T[ºC]
= 257.91
N = 354 V_o[V] = 1.729 R_NTC[Ohms] = 243 T[ºC]
= 257.61
N = 355 V_o[V] = 1.733 R_NTC[Ohms] = 244 T[ºC]
= 257.31
N = 356 V_o[V] = 1.738 R_NTC[Ohms] = 245 T[ºC]
= 257.02
N = 357 V_o[V] = 1.743 R_NTC[Ohms] = 246 T[ºC]
= 256.72
N = 358 V_o[V] = 1.748 R_NTC[Ohms] = 247 T[ºC]
= 256.43
N = 359 V_o[V] = 1.753 R_NTC[Ohms] = 248 T[ºC]
= 256.13
N = 360 V_o[V] = 1.758 R_NTC[Ohms] = 249 T[ºC]
= 255.84
N = 361 V_o[V] = 1.763 R_NTC[Ohms] = 250 T[ºC]
= 255.55
N = 362 V_o[V] = 1.768 R_NTC[Ohms] = 252 T[ºC]
= 255.26
N = 363 V_o[V] = 1.772 R_NTC[Ohms] = 253 T[ºC]
= 254.97
N = 364 V_o[V] = 1.777 R_NTC[Ohms] = 254 T[ºC]
= 254.68
N = 365 V_o[V] = 1.782 R_NTC[Ohms] = 255 T[ºC]
= 254.39
N = 366 V_o[V] = 1.787 R_NTC[Ohms] = 256 T[ºC]
= 254.10
N = 367 V_o[V] = 1.792 R_NTC[Ohms] = 257 T[ºC]
= 253.81
N = 368 V_o[V] = 1.797 R_NTC[Ohms] = 258 T[ºC]
= 253.52
N = 369 V_o[V] = 1.802 R_NTC[Ohms] = 259 T[ºC]
= 253.23
N = 370 V_o[V] = 1.807 R_NTC[Ohms] = 260 T[ºC]
= 252.95
N = 371 V_o[V] = 1.812 R_NTC[Ohms] = 261 T[ºC]
= 252.66
N = 372 V_o[V] = 1.816 R_NTC[Ohms] = 262 T[ºC]
= 252.38
N = 373 V_o[V] = 1.821 R_NTC[Ohms] = 264 T[ºC]
= 252.09

= 252.09
N = 374 V_o[V] = 1.826 R_NTC[Ohms] = 265 T[ºC]
= 251.81
N = 375 V_o[V] = 1.831 R_NTC[Ohms] = 266 T[ºC]
= 251.53
N = 376 V_o[V] = 1.836 R_NTC[Ohms] = 267 T[ºC]
= 251.24
N = 377 V_o[V] = 1.841 R_NTC[Ohms] = 268 T[ºC]
= 250.96
N = 378 V_o[V] = 1.846 R_NTC[Ohms] = 269 T[ºC]
= 250.68
N = 379 V_o[V] = 1.851 R_NTC[Ohms] = 270 T[ºC]
= 250.40
N = 380 V_o[V] = 1.855 R_NTC[Ohms] = 271 T[ºC]
= 250.12
N = 381 V_o[V] = 1.860 R_NTC[Ohms] = 273 T[ºC]
= 249.84
N = 382 V_o[V] = 1.865 R_NTC[Ohms] = 274 T[ºC]
= 249.56
N = 383 V_o[V] = 1.870 R_NTC[Ohms] = 275 T[ºC]
= 249.28
N = 384 V_o[V] = 1.875 R_NTC[Ohms] = 276 T[ºC]
= 249.00
N = 385 V_o[V] = 1.880 R_NTC[Ohms] = 277 T[ºC]
= 248.73
N = 386 V_o[V] = 1.885 R_NTC[Ohms] = 278 T[ºC]
= 248.45
N = 387 V_o[V] = 1.890 R_NTC[Ohms] = 279 T[ºC]
= 248.17
N = 388 V_o[V] = 1.895 R_NTC[Ohms] = 281 T[ºC]
= 247.90
N = 389 V_o[V] = 1.899 R_NTC[Ohms] = 282 T[ºC]
= 247.62
N = 390 V_o[V] = 1.904 R_NTC[Ohms] = 283 T[ºC]
= 247.35
N = 391 V_o[V] = 1.909 R_NTC[Ohms] = 284 T[ºC]
= 247.08
N = 392 V_o[V] = 1.914 R_NTC[Ohms] = 285 T[ºC]
= 246.80
N = 393 V_o[V] = 1.919 R_NTC[Ohms] = 286 T[ºC]
= 246.53
N = 394 V_o[V] = 1.924 R_NTC[Ohms] = 288 T[ºC]
= 246.26
N = 395 V_o[V] = 1.929 R_NTC[Ohms] = 289 T[ºC]
= 245.99
N = 396 V_o[V] = 1.934 R_NTC[Ohms] = 290 T[ºC]
= 245.72
N = 397 V_o[V] = 1.938 R_NTC[Ohms] = 291 T[ºC]
= 245.44
N = 398 V_o[V] = 1.943 R_NTC[Ohms] = 292 T[ºC]
= 245.17
N = 399 V_o[V] = 1.948 R_NTC[Ohms] = 294 T[ºC]
= 244.91
N = 400 V_o[V] = 1.953 R_NTC[Ohms] = 295 T[ºC]
= 244.64
N = 401 V_o[V] = 1.958 R_NTC[Ohms] = 296 T[ºC]
= 244.37
N = 402 V_o[V] = 1.963 R_NTC[Ohms] = 297 T[ºC]
= 244.10
N = 403 V_o[V] = 1.968 R_NTC[Ohms] = 299 T[ºC]

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N =  403        V_o[V] = 1.968        R_NTC[Ohms] =    299    T[ºC]
 = 243.83
N =  404        V_o[V] = 1.973        R_NTC[Ohms] =    300    T[ºC]
 = 243.57
N =  405        V_o[V] = 1.978        R_NTC[Ohms] =    301    T[ºC]
 = 243.30

N =  406        V_o[V] = 1.982        R_NTC[Ohms] =    302    T[ºC]
 = 243.03
N =  407        V_o[V] = 1.987        R_NTC[Ohms] =    303    T[ºC]
 = 242.77
N =  408        V_o[V] = 1.992        R_NTC[Ohms] =    305    T[ºC]
 = 242.50
N =  409        V_o[V] = 1.997        R_NTC[Ohms] =    306    T[ºC]
 = 242.24
N =  410        V_o[V] = 2.002        R_NTC[Ohms] =    307    T[ºC]
 = 241.98
N =  411        V_o[V] = 2.007        R_NTC[Ohms] =    308    T[ºC]
 = 241.71
N =  412        V_o[V] = 2.012        R_NTC[Ohms] =    310    T[ºC]
 = 241.45
N =  413        V_o[V] = 2.017        R_NTC[Ohms] =    311    T[ºC]
 = 241.19
N =  414        V_o[V] = 2.021        R_NTC[Ohms] =    312    T[ºC]
 = 240.92
N =  415        V_o[V] = 2.026        R_NTC[Ohms] =    313    T[ºC]
 = 240.66
N =  416        V_o[V] = 2.031        R_NTC[Ohms] =    315    T[ºC]
 = 240.40
N =  417        V_o[V] = 2.036        R_NTC[Ohms] =    316    T[ºC]
 = 240.14
N =  418        V_o[V] = 2.041        R_NTC[Ohms] =    317    T[ºC]
 = 239.88
N =  419        V_o[V] = 2.046        R_NTC[Ohms] =    319    T[ºC]
 = 239.62
N =  420        V_o[V] = 2.051        R_NTC[Ohms] =    320    T[ºC]
 = 239.36
N =  421        V_o[V] = 2.056        R_NTC[Ohms] =    321    T[ºC]
 = 239.10
N =  422        V_o[V] = 2.061        R_NTC[Ohms] =    322    T[ºC]
 = 238.85
N =  423        V_o[V] = 2.065        R_NTC[Ohms] =    324    T[ºC]
 = 238.59
N =  424        V_o[V] = 2.070        R_NTC[Ohms] =    325    T[ºC]
 = 238.33
N =  425        V_o[V] = 2.075        R_NTC[Ohms] =    326    T[ºC]
 = 238.07
N =  426        V_o[V] = 2.080        R_NTC[Ohms] =    328    T[ºC]
 = 237.82
N =  427        V_o[V] = 2.085        R_NTC[Ohms] =    329    T[ºC]
 = 237.56
N =  428        V_o[V] = 2.090        R_NTC[Ohms] =    330    T[ºC]
 = 237.31
N =  429        V_o[V] = 2.095        R_NTC[Ohms] =    332    T[ºC]
 = 237.05
N =  430        V_o[V] = 2.100        R_NTC[Ohms] =    333    T[ºC]
 = 236.80
N =  431        V_o[V] = 2.104        R_NTC[Ohms] =    334    T[ºC]
 = 236.54
N =  432        V_o[V] = 2.109        R_NTC[Ohms] =    336    T[ºC]
 = 236.29
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= 236.29
N = 433 V_o[V] = 2.114 R_NTC[Ohms] = 337 T[ºC]
= 236.03
N = 434 V_o[V] = 2.119 R_NTC[Ohms] = 338 T[ºC]
= 235.78
N = 435 V_o[V] = 2.124 R_NTC[Ohms] = 340 T[ºC]
= 235.53
N = 436 V_o[V] = 2.129 R_NTC[Ohms] = 341 T[ºC]
= 235.27
N = 437 V_o[V] = 2.134 R_NTC[Ohms] = 342 T[ºC]
= 235.02
N = 438 V_o[V] = 2.139 R_NTC[Ohms] = 344 T[ºC]
= 234.77
N = 439 V_o[V] = 2.144 R_NTC[Ohms] = 345 T[ºC]
= 234.52
N = 440 V_o[V] = 2.148 R_NTC[Ohms] = 347 T[ºC]
= 234.27
N = 441 V_o[V] = 2.153 R_NTC[Ohms] = 348 T[ºC]
= 234.02
N = 442 V_o[V] = 2.158 R_NTC[Ohms] = 349 T[ºC]
= 233.77
N = 443 V_o[V] = 2.163 R_NTC[Ohms] = 351 T[ºC]
= 233.52
N = 444 V_o[V] = 2.168 R_NTC[Ohms] = 352 T[ºC]
= 233.27
N = 445 V_o[V] = 2.173 R_NTC[Ohms] = 354 T[ºC]
= 233.02
N = 446 V_o[V] = 2.178 R_NTC[Ohms] = 355 T[ºC]
= 232.77
N = 447 V_o[V] = 2.183 R_NTC[Ohms] = 356 T[ºC]
= 232.52
N = 448 V_o[V] = 2.188 R_NTC[Ohms] = 358 T[ºC]
= 232.28
N = 449 V_o[V] = 2.192 R_NTC[Ohms] = 359 T[ºC]
= 232.03
N = 450 V_o[V] = 2.197 R_NTC[Ohms] = 361 T[ºC]
= 231.78
N = 451 V_o[V] = 2.202 R_NTC[Ohms] = 362 T[ºC]
= 231.54
N = 452 V_o[V] = 2.207 R_NTC[Ohms] = 363 T[ºC]
= 231.29
N = 453 V_o[V] = 2.212 R_NTC[Ohms] = 365 T[ºC]
= 231.04
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= 230.55
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= 230.31
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= 230.06
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= 229.82
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= 229.57
N = 460 V_o[V] = 2.246 R_NTC[Ohms] = 375 T[ºC]
= 229.33
N = 461 V_o[V] = 2.251 R_NTC[Ohms] = 377 T[ºC]
= 229.09
N = 462 V_o[V] = 2.256 R_NTC[Ohms] = 378 T[ºC]

N = 462 V_o[V] = 2.256 R_NTC[Ohms] = 378 T[ºC] = 228.85
N = 463 V_o[V] = 2.261 R_NTC[Ohms] = 380 T[ºC] = 228.60
N = 464 V_o[V] = 2.266 R_NTC[Ohms] = 381 T[ºC] = 228.36
N = 465 V_o[V] = 2.271 R_NTC[Ohms] = 383 T[ºC] = 228.12
N = 466 V_o[V] = 2.275 R_NTC[Ohms] = 384 T[ºC] = 227.88
N = 467 V_o[V] = 2.280 R_NTC[Ohms] = 386 T[ºC] = 227.64
N = 468 V_o[V] = 2.285 R_NTC[Ohms] = 387 T[ºC] = 227.39
N = 469 V_o[V] = 2.290 R_NTC[Ohms] = 389 T[ºC] = 227.15
N = 470 V_o[V] = 2.295 R_NTC[Ohms] = 390 T[ºC] = 226.91
N = 471 V_o[V] = 2.300 R_NTC[Ohms] = 392 T[ºC] = 226.67
N = 472 V_o[V] = 2.305 R_NTC[Ohms] = 393 T[ºC] = 226.43
N = 473 V_o[V] = 2.310 R_NTC[Ohms] = 395 T[ºC] = 226.19
N = 474 V_o[V] = 2.314 R_NTC[Ohms] = 396 T[ºC] = 225.96
N = 475 V_o[V] = 2.319 R_NTC[Ohms] = 398 T[ºC] = 225.72
N = 476 V_o[V] = 2.324 R_NTC[Ohms] = 400 T[ºC] = 225.48
N = 477 V_o[V] = 2.329 R_NTC[Ohms] = 401 T[ºC] = 225.24
N = 478 V_o[V] = 2.334 R_NTC[Ohms] = 403 T[ºC] = 225.00
N = 479 V_o[V] = 2.339 R_NTC[Ohms] = 404 T[ºC] = 224.76
N = 480 V_o[V] = 2.344 R_NTC[Ohms] = 406 T[ºC] = 224.53
N = 481 V_o[V] = 2.349 R_NTC[Ohms] = 407 T[ºC] = 224.29
N = 482 V_o[V] = 2.354 R_NTC[Ohms] = 409 T[ºC] = 224.05
N = 483 V_o[V] = 2.358 R_NTC[Ohms] = 411 T[ºC] = 223.82
N = 484 V_o[V] = 2.363 R_NTC[Ohms] = 412 T[ºC] = 223.58
N = 485 V_o[V] = 2.368 R_NTC[Ohms] = 414 T[ºC] = 223.34
N = 486 V_o[V] = 2.373 R_NTC[Ohms] = 416 T[ºC] = 223.11
N = 487 V_o[V] = 2.378 R_NTC[Ohms] = 417 T[ºC] = 222.87
N = 488 V_o[V] = 2.383 R_NTC[Ohms] = 419 T[ºC] = 222.64
N = 489 V_o[V] = 2.388 R_NTC[Ohms] = 420 T[ºC] = 222.40
N = 490 V_o[V] = 2.393 R_NTC[Ohms] = 422 T[ºC] = 222.17
N = 491 V_o[V] = 2.397 R_NTC[Ohms] = 424 T[ºC] = 221.93

= 221.93
N = 492 V_o[V] = 2.402 R_NTC[Ohms] = 425 T[ºC]
= 221.70
N = 493 V_o[V] = 2.407 R_NTC[Ohms] = 427 T[ºC]
= 221.47
N = 494 V_o[V] = 2.412 R_NTC[Ohms] = 429 T[ºC]
= 221.23
N = 495 V_o[V] = 2.417 R_NTC[Ohms] = 430 T[ºC]
= 221.00
N = 496 V_o[V] = 2.422 R_NTC[Ohms] = 432 T[ºC]
= 220.77
N = 497 V_o[V] = 2.427 R_NTC[Ohms] = 434 T[ºC]
= 220.53
N = 498 V_o[V] = 2.432 R_NTC[Ohms] = 436 T[ºC]
= 220.30
N = 499 V_o[V] = 2.437 R_NTC[Ohms] = 437 T[ºC]
= 220.07
N = 500 V_o[V] = 2.441 R_NTC[Ohms] = 439 T[ºC]
= 219.84
N = 501 V_o[V] = 2.446 R_NTC[Ohms] = 441 T[ºC]
= 219.60
N = 502 V_o[V] = 2.451 R_NTC[Ohms] = 442 T[ºC]
= 219.37
N = 503 V_o[V] = 2.456 R_NTC[Ohms] = 444 T[ºC]
= 219.14
N = 504 V_o[V] = 2.461 R_NTC[Ohms] = 446 T[ºC]
= 218.91
N = 505 V_o[V] = 2.466 R_NTC[Ohms] = 448 T[ºC]
= 218.68
N = 506 V_o[V] = 2.471 R_NTC[Ohms] = 449 T[ºC]
= 218.45
N = 507 V_o[V] = 2.476 R_NTC[Ohms] = 451 T[ºC]
= 218.22
N = 508 V_o[V] = 2.480 R_NTC[Ohms] = 453 T[ºC]
= 217.99
N = 509 V_o[V] = 2.485 R_NTC[Ohms] = 455 T[ºC]
= 217.76
N = 510 V_o[V] = 2.490 R_NTC[Ohms] = 456 T[ºC]
= 217.53
N = 511 V_o[V] = 2.495 R_NTC[Ohms] = 458 T[ºC]
= 217.30
N = 512 V_o[V] = 2.500 R_NTC[Ohms] = 460 T[ºC]
= 217.07
N = 513 V_o[V] = 2.505 R_NTC[Ohms] = 462 T[ºC]
= 216.84
N = 514 V_o[V] = 2.510 R_NTC[Ohms] = 464 T[ºC]
= 216.61
N = 515 V_o[V] = 2.515 R_NTC[Ohms] = 465 T[ºC]
= 216.38
N = 516 V_o[V] = 2.520 R_NTC[Ohms] = 467 T[ºC]
= 216.15
N = 517 V_o[V] = 2.524 R_NTC[Ohms] = 469 T[ºC]
= 215.93
N = 518 V_o[V] = 2.529 R_NTC[Ohms] = 471 T[ºC]
= 215.70
N = 519 V_o[V] = 2.534 R_NTC[Ohms] = 473 T[ºC]
= 215.47
N = 520 V_o[V] = 2.539 R_NTC[Ohms] = 475 T[ºC]
= 215.24
N = 521 V_o[V] = 2.544 R_NTC[Ohms] = 476 T[ºC]

N = 521 V_o[V] = 2.544 R_NTC[Ohms] = 476 T[ºC] = 215.01
N = 522 V_o[V] = 2.549 R_NTC[Ohms] = 478 T[ºC] = 214.79
N = 523 V_o[V] = 2.554 R_NTC[Ohms] = 480 T[ºC] = 214.56
N = 524 V_o[V] = 2.559 R_NTC[Ohms] = 482 T[ºC] = 214.33
N = 525 V_o[V] = 2.563 R_NTC[Ohms] = 484 T[ºC] = 214.11
N = 526 V_o[V] = 2.568 R_NTC[Ohms] = 486 T[ºC] = 213.88
N = 527 V_o[V] = 2.573 R_NTC[Ohms] = 488 T[ºC] = 213.65
N = 528 V_o[V] = 2.578 R_NTC[Ohms] = 490 T[ºC] = 213.43
N = 529 V_o[V] = 2.583 R_NTC[Ohms] = 492 T[ºC] = 213.20
N = 530 V_o[V] = 2.588 R_NTC[Ohms] = 494 T[ºC] = 212.98
N = 531 V_o[V] = 2.593 R_NTC[Ohms] = 495 T[ºC] = 212.75
N = 532 V_o[V] = 2.598 R_NTC[Ohms] = 497 T[ºC] = 212.52
N = 533 V_o[V] = 2.603 R_NTC[Ohms] = 499 T[ºC] = 212.30
N = 534 V_o[V] = 2.607 R_NTC[Ohms] = 501 T[ºC] = 212.07
N = 535 V_o[V] = 2.612 R_NTC[Ohms] = 503 T[ºC] = 211.85
N = 536 V_o[V] = 2.617 R_NTC[Ohms] = 505 T[ºC] = 211.62
N = 537 V_o[V] = 2.622 R_NTC[Ohms] = 507 T[ºC] = 211.40
N = 538 V_o[V] = 2.627 R_NTC[Ohms] = 509 T[ºC] = 211.17
N = 539 V_o[V] = 2.632 R_NTC[Ohms] = 511 T[ºC] = 210.95
N = 540 V_o[V] = 2.637 R_NTC[Ohms] = 513 T[ºC] = 210.73
N = 541 V_o[V] = 2.642 R_NTC[Ohms] = 515 T[ºC] = 210.50
N = 542 V_o[V] = 2.646 R_NTC[Ohms] = 517 T[ºC] = 210.28
N = 543 V_o[V] = 2.651 R_NTC[Ohms] = 519 T[ºC] = 210.05
N = 544 V_o[V] = 2.656 R_NTC[Ohms] = 521 T[ºC] = 209.83
N = 545 V_o[V] = 2.661 R_NTC[Ohms] = 523 T[ºC] = 209.61
N = 546 V_o[V] = 2.666 R_NTC[Ohms] = 525 T[ºC] = 209.38
N = 547 V_o[V] = 2.671 R_NTC[Ohms] = 528 T[ºC] = 209.16
N = 548 V_o[V] = 2.676 R_NTC[Ohms] = 530 T[ºC] = 208.94
N = 549 V_o[V] = 2.681 R_NTC[Ohms] = 532 T[ºC] = 208.72
N = 550 V_o[V] = 2.686 R_NTC[Ohms] = 534 T[ºC] = 208.49

= 208.49
N = 551 V_o[V] = 2.690 R_NTC[Ohms] = 536 T[ºC]
= 208.27
N = 552 V_o[V] = 2.695 R_NTC[Ohms] = 538 T[ºC]
= 208.05
N = 553 V_o[V] = 2.700 R_NTC[Ohms] = 540 T[ºC]
= 207.83
N = 554 V_o[V] = 2.705 R_NTC[Ohms] = 542 T[ºC]
= 207.60
N = 555 V_o[V] = 2.710 R_NTC[Ohms] = 544 T[ºC]
= 207.38
N = 556 V_o[V] = 2.715 R_NTC[Ohms] = 546 T[ºC]
= 207.16
N = 557 V_o[V] = 2.720 R_NTC[Ohms] = 549 T[ºC]
= 206.94
N = 558 V_o[V] = 2.725 R_NTC[Ohms] = 551 T[ºC]
= 206.72
N = 559 V_o[V] = 2.729 R_NTC[Ohms] = 553 T[ºC]
= 206.50
N = 560 V_o[V] = 2.734 R_NTC[Ohms] = 555 T[ºC]
= 206.27
N = 561 V_o[V] = 2.739 R_NTC[Ohms] = 557 T[ºC]
= 206.05
N = 562 V_o[V] = 2.744 R_NTC[Ohms] = 560 T[ºC]
= 205.83
N = 563 V_o[V] = 2.749 R_NTC[Ohms] = 562 T[ºC]
= 205.61
N = 564 V_o[V] = 2.754 R_NTC[Ohms] = 564 T[ºC]
= 205.39
N = 565 V_o[V] = 2.759 R_NTC[Ohms] = 566 T[ºC]
= 205.17
N = 566 V_o[V] = 2.764 R_NTC[Ohms] = 568 T[ºC]
= 204.95
N = 567 V_o[V] = 2.769 R_NTC[Ohms] = 571 T[ºC]
= 204.73
N = 568 V_o[V] = 2.773 R_NTC[Ohms] = 573 T[ºC]
= 204.51
N = 569 V_o[V] = 2.778 R_NTC[Ohms] = 575 T[ºC]
= 204.29
N = 570 V_o[V] = 2.783 R_NTC[Ohms] = 578 T[ºC]
= 204.07
N = 571 V_o[V] = 2.788 R_NTC[Ohms] = 580 T[ºC]
= 203.85
N = 572 V_o[V] = 2.793 R_NTC[Ohms] = 582 T[ºC]
= 203.63
N = 573 V_o[V] = 2.798 R_NTC[Ohms] = 584 T[ºC]
= 203.41
N = 574 V_o[V] = 2.803 R_NTC[Ohms] = 587 T[ºC]
= 203.19
N = 575 V_o[V] = 2.808 R_NTC[Ohms] = 589 T[ºC]
= 202.97
N = 576 V_o[V] = 2.812 R_NTC[Ohms] = 591 T[ºC]
= 202.75
N = 577 V_o[V] = 2.817 R_NTC[Ohms] = 594 T[ºC]
= 202.53
N = 578 V_o[V] = 2.822 R_NTC[Ohms] = 596 T[ºC]
= 202.31
N = 579 V_o[V] = 2.827 R_NTC[Ohms] = 599 T[ºC]
= 202.09
N = 580 V_o[V] = 2.832 R_NTC[Ohms] = 601 T[ºC]

N = 580 V_o[V] = 2.832 R_NTC[Ohms] = 601 T[ºC] = 201.87
N = 581 V_o[V] = 2.837 R_NTC[Ohms] = 603 T[ºC] = 201.65
N = 582 V_o[V] = 2.842 R_NTC[Ohms] = 606 T[ºC] = 201.43
N = 583 V_o[V] = 2.847 R_NTC[Ohms] = 608 T[ºC] = 201.22
N = 584 V_o[V] = 2.852 R_NTC[Ohms] = 611 T[ºC] = 201.00
N = 585 V_o[V] = 2.856 R_NTC[Ohms] = 613 T[ºC] = 200.78
N = 586 V_o[V] = 2.861 R_NTC[Ohms] = 615 T[ºC] = 200.56
N = 587 V_o[V] = 2.866 R_NTC[Ohms] = 618 T[ºC] = 200.34
N = 588 V_o[V] = 2.871 R_NTC[Ohms] = 620 T[ºC] = 200.12
N = 589 V_o[V] = 2.876 R_NTC[Ohms] = 623 T[ºC] = 199.90
N = 590 V_o[V] = 2.881 R_NTC[Ohms] = 625 T[ºC] = 199.69
N = 591 V_o[V] = 2.886 R_NTC[Ohms] = 628 T[ºC] = 199.47
N = 592 V_o[V] = 2.891 R_NTC[Ohms] = 630 T[ºC] = 199.25
N = 593 V_o[V] = 2.896 R_NTC[Ohms] = 633 T[ºC] = 199.03
N = 594 V_o[V] = 2.900 R_NTC[Ohms] = 635 T[ºC] = 198.81
N = 595 V_o[V] = 2.905 R_NTC[Ohms] = 638 T[ºC] = 198.59
N = 596 V_o[V] = 2.910 R_NTC[Ohms] = 641 T[ºC] = 198.38
N = 597 V_o[V] = 2.915 R_NTC[Ohms] = 643 T[ºC] = 198.16
N = 598 V_o[V] = 2.920 R_NTC[Ohms] = 646 T[ºC] = 197.94
N = 599 V_o[V] = 2.925 R_NTC[Ohms] = 648 T[ºC] = 197.72
N = 600 V_o[V] = 2.930 R_NTC[Ohms] = 651 T[ºC] = 197.50
N = 601 V_o[V] = 2.935 R_NTC[Ohms] = 654 T[ºC] = 197.29
N = 602 V_o[V] = 2.939 R_NTC[Ohms] = 656 T[ºC] = 197.07
N = 603 V_o[V] = 2.944 R_NTC[Ohms] = 659 T[ºC] = 196.85
N = 604 V_o[V] = 2.949 R_NTC[Ohms] = 662 T[ºC] = 196.63
N = 605 V_o[V] = 2.954 R_NTC[Ohms] = 664 T[ºC] = 196.42
N = 606 V_o[V] = 2.959 R_NTC[Ohms] = 667 T[ºC] = 196.20
N = 607 V_o[V] = 2.964 R_NTC[Ohms] = 670 T[ºC] = 195.98
N = 608 V_o[V] = 2.969 R_NTC[Ohms] = 672 T[ºC] = 195.76
N = 609 V_o[V] = 2.974 R_NTC[Ohms] = 675 T[ºC] = 195.55

= 195.33
N = 610 V_o[V] = 2.979 R_NTC[Ohms] = 678 T[ºC]
= 195.33
N = 611 V_o[V] = 2.983 R_NTC[Ohms] = 681 T[ºC]
= 195.11
N = 612 V_o[V] = 2.988 R_NTC[Ohms] = 683 T[ºC]
= 194.89
N = 613 V_o[V] = 2.993 R_NTC[Ohms] = 686 T[ºC]
= 194.68
N = 614 V_o[V] = 2.998 R_NTC[Ohms] = 689 T[ºC]
= 194.46
N = 615 V_o[V] = 3.003 R_NTC[Ohms] = 692 T[ºC]
= 194.24
N = 616 V_o[V] = 3.008 R_NTC[Ohms] = 695 T[ºC]
= 194.03
N = 617 V_o[V] = 3.013 R_NTC[Ohms] = 697 T[ºC]
= 193.81
N = 618 V_o[V] = 3.018 R_NTC[Ohms] = 700 T[ºC]
= 193.59
N = 619 V_o[V] = 3.022 R_NTC[Ohms] = 703 T[ºC]
= 193.37
N = 620 V_o[V] = 3.027 R_NTC[Ohms] = 706 T[ºC]
= 193.16
N = 621 V_o[V] = 3.032 R_NTC[Ohms] = 709 T[ºC]
= 192.94
N = 622 V_o[V] = 3.037 R_NTC[Ohms] = 712 T[ºC]
= 192.72
N = 623 V_o[V] = 3.042 R_NTC[Ohms] = 715 T[ºC]
= 192.51
N = 624 V_o[V] = 3.047 R_NTC[Ohms] = 718 T[ºC]
= 192.29
N = 625 V_o[V] = 3.052 R_NTC[Ohms] = 721 T[ºC]
= 192.07
N = 626 V_o[V] = 3.057 R_NTC[Ohms] = 724 T[ºC]
= 191.86
N = 627 V_o[V] = 3.062 R_NTC[Ohms] = 726 T[ºC]
= 191.64
N = 628 V_o[V] = 3.066 R_NTC[Ohms] = 729 T[ºC]
= 191.42
N = 629 V_o[V] = 3.071 R_NTC[Ohms] = 733 T[ºC]
= 191.20
N = 630 V_o[V] = 3.076 R_NTC[Ohms] = 736 T[ºC]
= 190.99
N = 631 V_o[V] = 3.081 R_NTC[Ohms] = 739 T[ºC]
= 190.77
N = 632 V_o[V] = 3.086 R_NTC[Ohms] = 742 T[ºC]
= 190.55
N = 633 V_o[V] = 3.091 R_NTC[Ohms] = 745 T[ºC]
= 190.34
N = 634 V_o[V] = 3.096 R_NTC[Ohms] = 748 T[ºC]
= 190.12
N = 635 V_o[V] = 3.101 R_NTC[Ohms] = 751 T[ºC]
= 189.90
N = 636 V_o[V] = 3.105 R_NTC[Ohms] = 754 T[ºC]
= 189.68
N = 637 V_o[V] = 3.110 R_NTC[Ohms] = 757 T[ºC]
= 189.47
N = 638 V_o[V] = 3.115 R_NTC[Ohms] = 760 T[ºC]
= 189.25
N = 639 V_o[V] = 3.120 R_NTC[Ohms] = 763 T[ºC]

N = 639 V_o[V] = 3.120 R_NTC[Ohms] = 765 T[ºC] = 189.03
N = 640 V_o[V] = 3.125 R_NTC[Ohms] = 767 T[ºC] = 188.82
N = 641 V_o[V] = 3.130 R_NTC[Ohms] = 770 T[ºC] = 188.60
N = 642 V_o[V] = 3.135 R_NTC[Ohms] = 773 T[ºC] = 188.38
N = 643 V_o[V] = 3.140 R_NTC[Ohms] = 776 T[ºC] = 188.16
N = 644 V_o[V] = 3.145 R_NTC[Ohms] = 780 T[ºC] = 187.95
N = 645 V_o[V] = 3.149 R_NTC[Ohms] = 783 T[ºC] = 187.73
N = 646 V_o[V] = 3.154 R_NTC[Ohms] = 786 T[ºC] = 187.51
N = 647 V_o[V] = 3.159 R_NTC[Ohms] = 789 T[ºC] = 187.30
N = 648 V_o[V] = 3.164 R_NTC[Ohms] = 793 T[ºC] = 187.08
N = 649 V_o[V] = 3.169 R_NTC[Ohms] = 796 T[ºC] = 186.86
N = 650 V_o[V] = 3.174 R_NTC[Ohms] = 799 T[ºC] = 186.64
N = 651 V_o[V] = 3.179 R_NTC[Ohms] = 803 T[ºC] = 186.43
N = 652 V_o[V] = 3.184 R_NTC[Ohms] = 806 T[ºC] = 186.21
N = 653 V_o[V] = 3.188 R_NTC[Ohms] = 810 T[ºC] = 185.99
N = 654 V_o[V] = 3.193 R_NTC[Ohms] = 813 T[ºC] = 185.77
N = 655 V_o[V] = 3.198 R_NTC[Ohms] = 817 T[ºC] = 185.56
N = 656 V_o[V] = 3.203 R_NTC[Ohms] = 820 T[ºC] = 185.34
N = 657 V_o[V] = 3.208 R_NTC[Ohms] = 823 T[ºC] = 185.12
N = 658 V_o[V] = 3.213 R_NTC[Ohms] = 827 T[ºC] = 184.90
N = 659 V_o[V] = 3.218 R_NTC[Ohms] = 831 T[ºC] = 184.68
N = 660 V_o[V] = 3.223 R_NTC[Ohms] = 834 T[ºC] = 184.47
N = 661 V_o[V] = 3.228 R_NTC[Ohms] = 838 T[ºC] = 184.25
N = 662 V_o[V] = 3.232 R_NTC[Ohms] = 841 T[ºC] = 184.03
N = 663 V_o[V] = 3.237 R_NTC[Ohms] = 845 T[ºC] = 183.81
N = 664 V_o[V] = 3.242 R_NTC[Ohms] = 848 T[ºC] = 183.59
N = 665 V_o[V] = 3.247 R_NTC[Ohms] = 852 T[ºC] = 183.38
N = 666 V_o[V] = 3.252 R_NTC[Ohms] = 856 T[ºC] = 183.16
N = 667 V_o[V] = 3.257 R_NTC[Ohms] = 859 T[ºC] = 182.94
N = 668 V_o[V] = 3.262 R_NTC[Ohms] = 863 T[ºC] = 182.72

= 182.72
N = 669 V_o[V] = 3.267 R_NTC[Ohms] = 867 T[ºC]
= 182.50
N = 670 V_o[V] = 3.271 R_NTC[Ohms] = 871 T[ºC]
= 182.28
N = 671 V_o[V] = 3.276 R_NTC[Ohms] = 874 T[ºC]
= 182.06
N = 672 V_o[V] = 3.281 R_NTC[Ohms] = 878 T[ºC]
= 181.84
N = 673 V_o[V] = 3.286 R_NTC[Ohms] = 882 T[ºC]
= 181.63
N = 674 V_o[V] = 3.291 R_NTC[Ohms] = 886 T[ºC]
= 181.41
N = 675 V_o[V] = 3.296 R_NTC[Ohms] = 890 T[ºC]
= 181.19
N = 676 V_o[V] = 3.301 R_NTC[Ohms] = 894 T[ºC]
= 180.97
N = 677 V_o[V] = 3.306 R_NTC[Ohms] = 897 T[ºC]
= 180.75
N = 678 V_o[V] = 3.311 R_NTC[Ohms] = 901 T[ºC]
= 180.53
N = 679 V_o[V] = 3.315 R_NTC[Ohms] = 905 T[ºC]
= 180.31
N = 680 V_o[V] = 3.320 R_NTC[Ohms] = 909 T[ºC]
= 180.09
N = 681 V_o[V] = 3.325 R_NTC[Ohms] = 913 T[ºC]
= 179.87
N = 682 V_o[V] = 3.330 R_NTC[Ohms] = 917 T[ºC]
= 179.65
N = 683 V_o[V] = 3.335 R_NTC[Ohms] = 921 T[ºC]
= 179.43
N = 684 V_o[V] = 3.340 R_NTC[Ohms] = 925 T[ºC]
= 179.21
N = 685 V_o[V] = 3.345 R_NTC[Ohms] = 929 T[ºC]
= 178.99
N = 686 V_o[V] = 3.350 R_NTC[Ohms] = 934 T[ºC]
= 178.77
N = 687 V_o[V] = 3.354 R_NTC[Ohms] = 938 T[ºC]
= 178.55
N = 688 V_o[V] = 3.359 R_NTC[Ohms] = 942 T[ºC]
= 178.33
N = 689 V_o[V] = 3.364 R_NTC[Ohms] = 946 T[ºC]
= 178.11
N = 690 V_o[V] = 3.369 R_NTC[Ohms] = 950 T[ºC]
= 177.89
N = 691 V_o[V] = 3.374 R_NTC[Ohms] = 955 T[ºC]
= 177.67
N = 692 V_o[V] = 3.379 R_NTC[Ohms] = 959 T[ºC]
= 177.45
N = 693 V_o[V] = 3.384 R_NTC[Ohms] = 963 T[ºC]
= 177.23
N = 694 V_o[V] = 3.389 R_NTC[Ohms] = 967 T[ºC]
= 177.01
N = 695 V_o[V] = 3.394 R_NTC[Ohms] = 972 T[ºC]
= 176.78
N = 696 V_o[V] = 3.398 R_NTC[Ohms] = 976 T[ºC]
= 176.56
N = 697 V_o[V] = 3.403 R_NTC[Ohms] = 980 T[ºC]
= 176.34
N = 698 V_o[V] = 3.408 R_NTC[Ohms] = 985 T[ºC]

N = 698 V_o[V] = 3.408 R_NTC[Ohms] = 985 T[ºC] = 176.12
N = 699 V_o[V] = 3.413 R_NTC[Ohms] = 989 T[ºC] = 175.90
N = 700 V_o[V] = 3.418 R_NTC[Ohms] = 994 T[ºC] = 175.68

N = 701 V_o[V] = 3.423 R_NTC[Ohms] = 998 T[ºC] = 175.45
N = 702 V_o[V] = 3.428 R_NTC[Ohms] = 1003 T[ºC] = 175.23
N = 703 V_o[V] = 3.433 R_NTC[Ohms] = 1007 T[ºC] = 175.01
N = 704 V_o[V] = 3.438 R_NTC[Ohms] = 1012 T[ºC] = 174.79
N = 705 V_o[V] = 3.442 R_NTC[Ohms] = 1017 T[ºC] = 174.56
N = 706 V_o[V] = 3.447 R_NTC[Ohms] = 1021 T[ºC] = 174.34
N = 707 V_o[V] = 3.452 R_NTC[Ohms] = 1026 T[ºC] = 174.12
N = 708 V_o[V] = 3.457 R_NTC[Ohms] = 1031 T[ºC] = 173.89
N = 709 V_o[V] = 3.462 R_NTC[Ohms] = 1035 T[ºC] = 173.67
N = 710 V_o[V] = 3.467 R_NTC[Ohms] = 1040 T[ºC] = 173.45
N = 711 V_o[V] = 3.472 R_NTC[Ohms] = 1045 T[ºC] = 173.22
N = 712 V_o[V] = 3.477 R_NTC[Ohms] = 1050 T[ºC] = 173.00
N = 713 V_o[V] = 3.481 R_NTC[Ohms] = 1055 T[ºC] = 172.77
N = 714 V_o[V] = 3.486 R_NTC[Ohms] = 1059 T[ºC] = 172.55
N = 715 V_o[V] = 3.491 R_NTC[Ohms] = 1064 T[ºC] = 172.33
N = 716 V_o[V] = 3.496 R_NTC[Ohms] = 1069 T[ºC] = 172.10
N = 717 V_o[V] = 3.501 R_NTC[Ohms] = 1074 T[ºC] = 171.88
N = 718 V_o[V] = 3.506 R_NTC[Ohms] = 1079 T[ºC] = 171.65
N = 719 V_o[V] = 3.511 R_NTC[Ohms] = 1084 T[ºC] = 171.43
N = 720 V_o[V] = 3.516 R_NTC[Ohms] = 1089 T[ºC] = 171.20
N = 721 V_o[V] = 3.521 R_NTC[Ohms] = 1095 T[ºC] = 170.97
N = 722 V_o[V] = 3.525 R_NTC[Ohms] = 1100 T[ºC] = 170.75
N = 723 V_o[V] = 3.530 R_NTC[Ohms] = 1105 T[ºC] = 170.52
N = 724 V_o[V] = 3.535 R_NTC[Ohms] = 1110 T[ºC] = 170.30
N = 725 V_o[V] = 3.540 R_NTC[Ohms] = 1115 T[ºC] = 170.07
N = 726 V_o[V] = 3.545 R_NTC[Ohms] = 1121 T[ºC] = 169.84
N = 727 V_o[V] = 3.550 R_NTC[Ohms] = 1126 T[ºC] = 169.62

= 169.62
N = 728 V_o[V] = 3.555 R_NTC[Ohms] = 1131 T[ºC]
= 169.39
N = 729 V_o[V] = 3.560 R_NTC[Ohms] = 1137 T[ºC]
= 169.16
N = 730 V_o[V] = 3.564 R_NTC[Ohms] = 1142 T[ºC]
= 168.93
N = 731 V_o[V] = 3.569 R_NTC[Ohms] = 1148 T[ºC]
= 168.71
N = 732 V_o[V] = 3.574 R_NTC[Ohms] = 1153 T[ºC]
= 168.48
N = 733 V_o[V] = 3.579 R_NTC[Ohms] = 1159 T[ºC]
= 168.25
N = 734 V_o[V] = 3.584 R_NTC[Ohms] = 1164 T[ºC]
= 168.02
N = 735 V_o[V] = 3.589 R_NTC[Ohms] = 1170 T[ºC]
= 167.79
N = 736 V_o[V] = 3.594 R_NTC[Ohms] = 1176 T[ºC]
= 167.56
N = 737 V_o[V] = 3.599 R_NTC[Ohms] = 1181 T[ºC]
= 167.33
N = 738 V_o[V] = 3.604 R_NTC[Ohms] = 1187 T[ºC]
= 167.10
N = 739 V_o[V] = 3.608 R_NTC[Ohms] = 1193 T[ºC]
= 166.87
N = 740 V_o[V] = 3.613 R_NTC[Ohms] = 1199 T[ºC]
= 166.64
N = 741 V_o[V] = 3.618 R_NTC[Ohms] = 1204 T[ºC]
= 166.41
N = 742 V_o[V] = 3.623 R_NTC[Ohms] = 1210 T[ºC]
= 166.18
N = 743 V_o[V] = 3.628 R_NTC[Ohms] = 1216 T[ºC]
= 165.95
N = 744 V_o[V] = 3.633 R_NTC[Ohms] = 1222 T[ºC]
= 165.72
N = 745 V_o[V] = 3.638 R_NTC[Ohms] = 1228 T[ºC]
= 165.49
N = 746 V_o[V] = 3.643 R_NTC[Ohms] = 1234 T[ºC]
= 165.26
N = 747 V_o[V] = 3.647 R_NTC[Ohms] = 1241 T[ºC]
= 165.03
N = 748 V_o[V] = 3.652 R_NTC[Ohms] = 1247 T[ºC]
= 164.79
N = 749 V_o[V] = 3.657 R_NTC[Ohms] = 1253 T[ºC]
= 164.56
N = 750 V_o[V] = 3.662 R_NTC[Ohms] = 1259 T[ºC]
= 164.33
N = 751 V_o[V] = 3.667 R_NTC[Ohms] = 1265 T[ºC]
= 164.10
N = 752 V_o[V] = 3.672 R_NTC[Ohms] = 1272 T[ºC]
= 163.86
N = 753 V_o[V] = 3.677 R_NTC[Ohms] = 1278 T[ºC]
= 163.63
N = 754 V_o[V] = 3.682 R_NTC[Ohms] = 1285 T[ºC]
= 163.40
N = 755 V_o[V] = 3.687 R_NTC[Ohms] = 1291 T[ºC]
= 163.16
N = 756 V_o[V] = 3.691 R_NTC[Ohms] = 1298 T[ºC]
= 162.93
N = 757 V_o[V] = 3.696 R_NTC[Ohms] = 1304 T[ºC]

N = 757 V_o[V] = 3.696 R_NTC[Ohms] = 1304 T[ºC] = 162.69
N = 758 V_o[V] = 3.701 R_NTC[Ohms] = 1311 T[ºC] = 162.46
N = 759 V_o[V] = 3.706 R_NTC[Ohms] = 1318 T[ºC] = 162.22
N = 760 V_o[V] = 3.711 R_NTC[Ohms] = 1324 T[ºC] = 161.99
N = 761 V_o[V] = 3.716 R_NTC[Ohms] = 1331 T[ºC] = 161.75
N = 762 V_o[V] = 3.721 R_NTC[Ohms] = 1338 T[ºC] = 161.51
N = 763 V_o[V] = 3.726 R_NTC[Ohms] = 1345 T[ºC] = 161.28
N = 764 V_o[V] = 3.730 R_NTC[Ohms] = 1352 T[ºC] = 161.04
N = 765 V_o[V] = 3.735 R_NTC[Ohms] = 1359 T[ºC] = 160.80
N = 766 V_o[V] = 3.740 R_NTC[Ohms] = 1366 T[ºC] = 160.56
N = 767 V_o[V] = 3.745 R_NTC[Ohms] = 1373 T[ºC] = 160.33
N = 768 V_o[V] = 3.750 R_NTC[Ohms] = 1380 T[ºC] = 160.09
N = 769 V_o[V] = 3.755 R_NTC[Ohms] = 1387 T[ºC] = 159.85
N = 770 V_o[V] = 3.760 R_NTC[Ohms] = 1394 T[ºC] = 159.61
N = 771 V_o[V] = 3.765 R_NTC[Ohms] = 1402 T[ºC] = 159.37
N = 772 V_o[V] = 3.770 R_NTC[Ohms] = 1409 T[ºC] = 159.13
N = 773 V_o[V] = 3.774 R_NTC[Ohms] = 1417 T[ºC] = 158.89
N = 774 V_o[V] = 3.779 R_NTC[Ohms] = 1424 T[ºC] = 158.65
N = 775 V_o[V] = 3.784 R_NTC[Ohms] = 1432 T[ºC] = 158.41
N = 776 V_o[V] = 3.789 R_NTC[Ohms] = 1439 T[ºC] = 158.16
N = 777 V_o[V] = 3.794 R_NTC[Ohms] = 1447 T[ºC] = 157.92
N = 778 V_o[V] = 3.799 R_NTC[Ohms] = 1455 T[ºC] = 157.68
N = 779 V_o[V] = 3.804 R_NTC[Ohms] = 1463 T[ºC] = 157.44
N = 780 V_o[V] = 3.809 R_NTC[Ohms] = 1470 T[ºC] = 157.19
N = 781 V_o[V] = 3.813 R_NTC[Ohms] = 1478 T[ºC] = 156.95
N = 782 V_o[V] = 3.818 R_NTC[Ohms] = 1486 T[ºC] = 156.71
N = 783 V_o[V] = 3.823 R_NTC[Ohms] = 1495 T[ºC] = 156.46
N = 784 V_o[V] = 3.828 R_NTC[Ohms] = 1503 T[ºC] = 156.22
N = 785 V_o[V] = 3.833 R_NTC[Ohms] = 1511 T[ºC] = 155.97
N = 786 V_o[V] = 3.838 R_NTC[Ohms] = 1519 T[ºC] = 155.73

= 155.73
N = 787 V_o[V] = 3.843 R_NTC[Ohms] = 1528 T[ºC]
= 155.48
N = 788 V_o[V] = 3.848 R_NTC[Ohms] = 1536 T[ºC]
= 155.23
N = 789 V_o[V] = 3.853 R_NTC[Ohms] = 1544 T[ºC]
= 154.99
N = 790 V_o[V] = 3.857 R_NTC[Ohms] = 1553 T[ºC]
= 154.74
N = 791 V_o[V] = 3.862 R_NTC[Ohms] = 1562 T[ºC]
= 154.49
N = 792 V_o[V] = 3.867 R_NTC[Ohms] = 1570 T[ºC]
= 154.24
N = 793 V_o[V] = 3.872 R_NTC[Ohms] = 1579 T[ºC]
= 154.00
N = 794 V_o[V] = 3.877 R_NTC[Ohms] = 1588 T[ºC]
= 153.75
N = 795 V_o[V] = 3.882 R_NTC[Ohms] = 1597 T[ºC]
= 153.50
N = 796 V_o[V] = 3.887 R_NTC[Ohms] = 1606 T[ºC]
= 153.25
N = 797 V_o[V] = 3.892 R_NTC[Ohms] = 1615 T[ºC]
= 152.99
N = 798 V_o[V] = 3.896 R_NTC[Ohms] = 1624 T[ºC]
= 152.74
N = 799 V_o[V] = 3.901 R_NTC[Ohms] = 1634 T[ºC]
= 152.49
N = 800 V_o[V] = 3.906 R_NTC[Ohms] = 1643 T[ºC]
= 152.24
N = 801 V_o[V] = 3.911 R_NTC[Ohms] = 1652 T[ºC]
= 151.99
N = 802 V_o[V] = 3.916 R_NTC[Ohms] = 1662 T[ºC]
= 151.73
N = 803 V_o[V] = 3.921 R_NTC[Ohms] = 1671 T[ºC]
= 151.48
N = 804 V_o[V] = 3.926 R_NTC[Ohms] = 1681 T[ºC]
= 151.23
N = 805 V_o[V] = 3.931 R_NTC[Ohms] = 1691 T[ºC]
= 150.97
N = 806 V_o[V] = 3.936 R_NTC[Ohms] = 1701 T[ºC]
= 150.72
N = 807 V_o[V] = 3.940 R_NTC[Ohms] = 1711 T[ºC]
= 150.46
N = 808 V_o[V] = 3.945 R_NTC[Ohms] = 1721 T[ºC]
= 150.20
N = 809 V_o[V] = 3.950 R_NTC[Ohms] = 1731 T[ºC]
= 149.95
N = 810 V_o[V] = 3.955 R_NTC[Ohms] = 1741 T[ºC]
= 149.69
N = 811 V_o[V] = 3.960 R_NTC[Ohms] = 1751 T[ºC]
= 149.43
N = 812 V_o[V] = 3.965 R_NTC[Ohms] = 1762 T[ºC]
= 149.17
N = 813 V_o[V] = 3.970 R_NTC[Ohms] = 1772 T[ºC]
= 148.91
N = 814 V_o[V] = 3.975 R_NTC[Ohms] = 1783 T[ºC]
= 148.65
N = 815 V_o[V] = 3.979 R_NTC[Ohms] = 1794 T[ºC]
= 148.39
N = 816 V_o[V] = 3.984 R_NTC[Ohms] = 1805 T[ºC]

N = 816 V_o[V] = 3.984 R_NTC[Ohms] = 1805 T[ºC] = 148.13
N = 817 V_o[V] = 3.989 R_NTC[Ohms] = 1816 T[ºC] = 147.87
N = 818 V_o[V] = 3.994 R_NTC[Ohms] = 1827 T[ºC] = 147.61
N = 819 V_o[V] = 3.999 R_NTC[Ohms] = 1838 T[ºC] = 147.34
N = 820 V_o[V] = 4.004 R_NTC[Ohms] = 1849 T[ºC] = 147.08
N = 821 V_o[V] = 4.009 R_NTC[Ohms] = 1860 T[ºC] = 146.81
N = 822 V_o[V] = 4.014 R_NTC[Ohms] = 1872 T[ºC] = 146.55
N = 823 V_o[V] = 4.019 R_NTC[Ohms] = 1883 T[ºC] = 146.28
N = 824 V_o[V] = 4.023 R_NTC[Ohms] = 1895 T[ºC] = 146.02
N = 825 V_o[V] = 4.028 R_NTC[Ohms] = 1907 T[ºC] = 145.75
N = 826 V_o[V] = 4.033 R_NTC[Ohms] = 1919 T[ºC] = 145.48
N = 827 V_o[V] = 4.038 R_NTC[Ohms] = 1931 T[ºC] = 145.21
N = 828 V_o[V] = 4.043 R_NTC[Ohms] = 1943 T[ºC] = 144.95
N = 829 V_o[V] = 4.048 R_NTC[Ohms] = 1956 T[ºC] = 144.68
N = 830 V_o[V] = 4.053 R_NTC[Ohms] = 1968 T[ºC] = 144.41
N = 831 V_o[V] = 4.058 R_NTC[Ohms] = 1981 T[ºC] = 144.13
N = 832 V_o[V] = 4.062 R_NTC[Ohms] = 1993 T[ºC] = 143.86
N = 833 V_o[V] = 4.067 R_NTC[Ohms] = 2006 T[ºC] = 143.59
N = 834 V_o[V] = 4.072 R_NTC[Ohms] = 2019 T[ºC] = 143.32
N = 835 V_o[V] = 4.077 R_NTC[Ohms] = 2032 T[ºC] = 143.04
N = 836 V_o[V] = 4.082 R_NTC[Ohms] = 2046 T[ºC] = 142.77
N = 837 V_o[V] = 4.087 R_NTC[Ohms] = 2059 T[ºC] = 142.49
N = 838 V_o[V] = 4.092 R_NTC[Ohms] = 2072 T[ºC] = 142.22
N = 839 V_o[V] = 4.097 R_NTC[Ohms] = 2086 T[ºC] = 141.94
N = 840 V_o[V] = 4.102 R_NTC[Ohms] = 2100 T[ºC] = 141.66
N = 841 V_o[V] = 4.106 R_NTC[Ohms] = 2114 T[ºC] = 141.38
N = 842 V_o[V] = 4.111 R_NTC[Ohms] = 2128 T[ºC] = 141.10
N = 843 V_o[V] = 4.116 R_NTC[Ohms] = 2142 T[ºC] = 140.82
N = 844 V_o[V] = 4.121 R_NTC[Ohms] = 2157 T[ºC] = 140.54
N = 845 V_o[V] = 4.126 R_NTC[Ohms] = 2172 T[ºC] = 140.26

= 140.26
N = 846 V_o[V] = 4.131 R_NTC[Ohms] = 2186 T[ºC]
= 139.98
N = 847 V_o[V] = 4.136 R_NTC[Ohms] = 2201 T[ºC]
= 139.69
N = 848 V_o[V] = 4.141 R_NTC[Ohms] = 2216 T[ºC]
= 139.41
N = 849 V_o[V] = 4.146 R_NTC[Ohms] = 2232 T[ºC]
= 139.12
N = 850 V_o[V] = 4.150 R_NTC[Ohms] = 2247 T[ºC]
= 138.83
N = 851 V_o[V] = 4.155 R_NTC[Ohms] = 2263 T[ºC]
= 138.55
N = 852 V_o[V] = 4.160 R_NTC[Ohms] = 2279 T[ºC]
= 138.26
N = 853 V_o[V] = 4.165 R_NTC[Ohms] = 2295 T[ºC]
= 137.97
N = 854 V_o[V] = 4.170 R_NTC[Ohms] = 2311 T[ºC]
= 137.68
N = 855 V_o[V] = 4.175 R_NTC[Ohms] = 2327 T[ºC]
= 137.39
N = 856 V_o[V] = 4.180 R_NTC[Ohms] = 2344 T[ºC]
= 137.10
N = 857 V_o[V] = 4.185 R_NTC[Ohms] = 2361 T[ºC]
= 136.80
N = 858 V_o[V] = 4.189 R_NTC[Ohms] = 2378 T[ºC]
= 136.51
N = 859 V_o[V] = 4.194 R_NTC[Ohms] = 2395 T[ºC]
= 136.21
N = 860 V_o[V] = 4.199 R_NTC[Ohms] = 2412 T[ºC]
= 135.92
N = 861 V_o[V] = 4.204 R_NTC[Ohms] = 2430 T[ºC]
= 135.62
N = 862 V_o[V] = 4.209 R_NTC[Ohms] = 2448 T[ºC]
= 135.32
N = 863 V_o[V] = 4.214 R_NTC[Ohms] = 2466 T[ºC]
= 135.02
N = 864 V_o[V] = 4.219 R_NTC[Ohms] = 2484 T[ºC]
= 134.72
N = 865 V_o[V] = 4.224 R_NTC[Ohms] = 2503 T[ºC]
= 134.42
N = 866 V_o[V] = 4.229 R_NTC[Ohms] = 2521 T[ºC]
= 134.12
N = 867 V_o[V] = 4.233 R_NTC[Ohms] = 2540 T[ºC]
= 133.81
N = 868 V_o[V] = 4.238 R_NTC[Ohms] = 2559 T[ºC]
= 133.51
N = 869 V_o[V] = 4.243 R_NTC[Ohms] = 2579 T[ºC]
= 133.20
N = 870 V_o[V] = 4.248 R_NTC[Ohms] = 2599 T[ºC]
= 132.90
N = 871 V_o[V] = 4.253 R_NTC[Ohms] = 2619 T[ºC]
= 132.59
N = 872 V_o[V] = 4.258 R_NTC[Ohms] = 2639 T[ºC]
= 132.28
N = 873 V_o[V] = 4.263 R_NTC[Ohms] = 2659 T[ºC]
= 131.97
N = 874 V_o[V] = 4.268 R_NTC[Ohms] = 2680 T[ºC]
= 131.66
N = 875 V_o[V] = 4.272 R_NTC[Ohms] = 2701 T[ºC]

N = 875 V_o[V] = 4.272 R_NTC[Ohms] = 2701 T[ºC]
= 131.34
N = 876 V_o[V] = 4.277 R_NTC[Ohms] = 2723 T[ºC]
= 131.03
N = 877 V_o[V] = 4.282 R_NTC[Ohms] = 2744 T[ºC]
= 130.71

N = 878 V_o[V] = 4.287 R_NTC[Ohms] = 2766 T[ºC]
= 130.40
N = 879 V_o[V] = 4.292 R_NTC[Ohms] = 2789 T[ºC]
= 130.08
N = 880 V_o[V] = 4.297 R_NTC[Ohms] = 2811 T[ºC]
= 129.76
N = 881 V_o[V] = 4.302 R_NTC[Ohms] = 2834 T[ºC]
= 129.44
N = 882 V_o[V] = 4.307 R_NTC[Ohms] = 2857 T[ºC]
= 129.11
N = 883 V_o[V] = 4.312 R_NTC[Ohms] = 2881 T[ºC]
= 128.79
N = 884 V_o[V] = 4.316 R_NTC[Ohms] = 2905 T[ºC]
= 128.47
N = 885 V_o[V] = 4.321 R_NTC[Ohms] = 2929 T[ºC]
= 128.14
N = 886 V_o[V] = 4.326 R_NTC[Ohms] = 2953 T[ºC]
= 127.81
N = 887 V_o[V] = 4.331 R_NTC[Ohms] = 2978 T[ºC]
= 127.48
N = 888 V_o[V] = 4.336 R_NTC[Ohms] = 3004 T[ºC]
= 127.15
N = 889 V_o[V] = 4.341 R_NTC[Ohms] = 3029 T[ºC]
= 126.82
N = 890 V_o[V] = 4.346 R_NTC[Ohms] = 3055 T[ºC]
= 126.48
N = 891 V_o[V] = 4.351 R_NTC[Ohms] = 3082 T[ºC]
= 126.15
N = 892 V_o[V] = 4.355 R_NTC[Ohms] = 3108 T[ºC]
= 125.81
N = 893 V_o[V] = 4.360 R_NTC[Ohms] = 3136 T[ºC]
= 125.47
N = 894 V_o[V] = 4.365 R_NTC[Ohms] = 3163 T[ºC]
= 125.13
N = 895 V_o[V] = 4.370 R_NTC[Ohms] = 3191 T[ºC]
= 124.79
N = 896 V_o[V] = 4.375 R_NTC[Ohms] = 3220 T[ºC]
= 124.45
N = 897 V_o[V] = 4.380 R_NTC[Ohms] = 3249 T[ºC]
= 124.10
N = 898 V_o[V] = 4.385 R_NTC[Ohms] = 3278 T[ºC]
= 123.75
N = 899 V_o[V] = 4.390 R_NTC[Ohms] = 3308 T[ºC]
= 123.40
N = 900 V_o[V] = 4.395 R_NTC[Ohms] = 3339 T[ºC]
= 123.05
N = 901 V_o[V] = 4.399 R_NTC[Ohms] = 3370 T[ºC]
= 122.70
N = 902 V_o[V] = 4.404 R_NTC[Ohms] = 3401 T[ºC]
= 122.35
N = 903 V_o[V] = 4.409 R_NTC[Ohms] = 3433 T[ºC]
= 121.99
N = 904 V_o[V] = 4.414 R_NTC[Ohms] = 3465 T[ºC]
= 121.63

= 121.03
N = 905 V_o[V] = 4.419 R_NTC[Ohms] = 3498 T[ºC]
= 121.27
N = 906 V_o[V] = 4.424 R_NTC[Ohms] = 3532 T[ºC]
= 120.91
N = 907 V_o[V] = 4.429 R_NTC[Ohms] = 3566 T[ºC]
= 120.54
N = 908 V_o[V] = 4.434 R_NTC[Ohms] = 3601 T[ºC]
= 120.18
N = 909 V_o[V] = 4.438 R_NTC[Ohms] = 3636 T[ºC]
= 119.81
N = 910 V_o[V] = 4.443 R_NTC[Ohms] = 3672 T[ºC]
= 119.44
N = 911 V_o[V] = 4.448 R_NTC[Ohms] = 3708 T[ºC]
= 119.07
N = 912 V_o[V] = 4.453 R_NTC[Ohms] = 3746 T[ºC]
= 118.69
N = 913 V_o[V] = 4.458 R_NTC[Ohms] = 3784 T[ºC]
= 118.31
N = 914 V_o[V] = 4.463 R_NTC[Ohms] = 3822 T[ºC]
= 117.94
N = 915 V_o[V] = 4.468 R_NTC[Ohms] = 3861 T[ºC]
= 117.55
N = 916 V_o[V] = 4.473 R_NTC[Ohms] = 3901 T[ºC]
= 117.17
N = 917 V_o[V] = 4.478 R_NTC[Ohms] = 3942 T[ºC]
= 116.78
N = 918 V_o[V] = 4.482 R_NTC[Ohms] = 3984 T[ºC]
= 116.40
N = 919 V_o[V] = 4.487 R_NTC[Ohms] = 4026 T[ºC]
= 116.00
N = 920 V_o[V] = 4.492 R_NTC[Ohms] = 4069 T[ºC]
= 115.61
N = 921 V_o[V] = 4.497 R_NTC[Ohms] = 4113 T[ºC]
= 115.21
N = 922 V_o[V] = 4.502 R_NTC[Ohms] = 4158 T[ºC]
= 114.82
N = 923 V_o[V] = 4.507 R_NTC[Ohms] = 4204 T[ºC]
= 114.41
N = 924 V_o[V] = 4.512 R_NTC[Ohms] = 4250 T[ºC]
= 114.01
N = 925 V_o[V] = 4.517 R_NTC[Ohms] = 4298 T[ºC]
= 113.60
N = 926 V_o[V] = 4.521 R_NTC[Ohms] = 4347 T[ºC]
= 113.19
N = 927 V_o[V] = 4.526 R_NTC[Ohms] = 4396 T[ºC]
= 112.78
N = 928 V_o[V] = 4.531 R_NTC[Ohms] = 4447 T[ºC]
= 112.36
N = 929 V_o[V] = 4.536 R_NTC[Ohms] = 4498 T[ºC]
= 111.95
N = 930 V_o[V] = 4.541 R_NTC[Ohms] = 4551 T[ºC]
= 111.52
N = 931 V_o[V] = 4.546 R_NTC[Ohms] = 4605 T[ºC]
= 111.10
N = 932 V_o[V] = 4.551 R_NTC[Ohms] = 4660 T[ºC]
= 110.67
N = 933 V_o[V] = 4.556 R_NTC[Ohms] = 4716 T[ºC]
= 110.24
N = 934 V_o[V] = 4.561 R_NTC[Ohms] = 4774 T[ºC]

N = 934 V_o[V] = 4.561 R_NTC[Ohms] = 4774 T[ºC]
= 109.81
N = 935 V_o[V] = 4.565 R_NTC[Ohms] = 4833 T[ºC]
= 109.37
N = 936 V_o[V] = 4.570 R_NTC[Ohms] = 4893 T[ºC]
= 108.93

N = 937 V_o[V] = 4.575 R_NTC[Ohms] = 4954 T[ºC]
= 108.48
N = 938 V_o[V] = 4.580 R_NTC[Ohms] = 5017 T[ºC]
= 108.03
N = 939 V_o[V] = 4.585 R_NTC[Ohms] = 5082 T[ºC]
= 107.58
N = 940 V_o[V] = 4.590 R_NTC[Ohms] = 5148 T[ºC]
= 107.12
N = 941 V_o[V] = 4.595 R_NTC[Ohms] = 5215 T[ºC]
= 106.66
N = 942 V_o[V] = 4.600 R_NTC[Ohms] = 5284 T[ºC]
= 106.20
N = 943 V_o[V] = 4.604 R_NTC[Ohms] = 5355 T[ºC]
= 105.73
N = 944 V_o[V] = 4.609 R_NTC[Ohms] = 5428 T[ºC]
= 105.26
N = 945 V_o[V] = 4.614 R_NTC[Ohms] = 5503 T[ºC]
= 104.78
N = 946 V_o[V] = 4.619 R_NTC[Ohms] = 5579 T[ºC]
= 104.30
N = 947 V_o[V] = 4.624 R_NTC[Ohms] = 5657 T[ºC]
= 103.82
N = 948 V_o[V] = 4.629 R_NTC[Ohms] = 5738 T[ºC]
= 103.33
N = 949 V_o[V] = 4.634 R_NTC[Ohms] = 5821 T[ºC]
= 102.83
N = 950 V_o[V] = 4.639 R_NTC[Ohms] = 5905 T[ºC]
= 102.34
N = 951 V_o[V] = 4.644 R_NTC[Ohms] = 5993 T[ºC]
= 101.83
N = 952 V_o[V] = 4.648 R_NTC[Ohms] = 6082 T[ºC]
= 101.32
N = 953 V_o[V] = 4.653 R_NTC[Ohms] = 6174 T[ºC]
= 100.81
N = 954 V_o[V] = 4.658 R_NTC[Ohms] = 6269 T[ºC]
= 100.29
N = 955 V_o[V] = 4.663 R_NTC[Ohms] = 6367 T[ºC]
= 99.76
N = 956 V_o[V] = 4.668 R_NTC[Ohms] = 6467 T[ºC]
= 99.23
N = 957 V_o[V] = 4.673 R_NTC[Ohms] = 6570 T[ºC]
= 98.70
N = 958 V_o[V] = 4.678 R_NTC[Ohms] = 6677 T[ºC]
= 98.16
N = 959 V_o[V] = 4.683 R_NTC[Ohms] = 6787 T[ºC]
= 97.61
N = 960 V_o[V] = 4.688 R_NTC[Ohms] = 6900 T[ºC]
= 97.05
N = 961 V_o[V] = 4.692 R_NTC[Ohms] = 7017 T[ºC]
= 96.49
N = 962 V_o[V] = 4.697 R_NTC[Ohms] = 7137 T[ºC]
= 95.92
N = 963 V_o[V] = 4.702 R_NTC[Ohms] = 7262 T[ºC]
= 95.35

= 95.35
N = 964 V_o[V] = 4.707 R_NTC[Ohms] = 7391 T[ºC]
= 94.77
N = 965 V_o[V] = 4.712 R_NTC[Ohms] = 7524 T[ºC]
= 94.18
N = 966 V_o[V] = 4.717 R_NTC[Ohms] = 7661 T[ºC]
= 93.58
N = 967 V_o[V] = 4.722 R_NTC[Ohms] = 7804 T[ºC]
= 92.98
N = 968 V_o[V] = 4.727 R_NTC[Ohms] = 7951 T[ºC]
= 92.37
N = 969 V_o[V] = 4.731 R_NTC[Ohms] = 8104 T[ºC]
= 91.75
N = 970 V_o[V] = 4.736 R_NTC[Ohms] = 8263 T[ºC]
= 91.12
N = 971 V_o[V] = 4.741 R_NTC[Ohms] = 8428 T[ºC]
= 90.48
N = 972 V_o[V] = 4.746 R_NTC[Ohms] = 8598 T[ºC]
= 89.83
N = 973 V_o[V] = 4.751 R_NTC[Ohms] = 8776 T[ºC]
= 89.18
N = 974 V_o[V] = 4.756 R_NTC[Ohms] = 8961 T[ºC]
= 88.51
N = 975 V_o[V] = 4.761 R_NTC[Ohms] = 9153 T[ºC]
= 87.83
N = 976 V_o[V] = 4.766 R_NTC[Ohms] = 9353 T[ºC]
= 87.14
N = 977 V_o[V] = 4.771 R_NTC[Ohms] = 9562 T[ºC]
= 86.45
N = 978 V_o[V] = 4.775 R_NTC[Ohms] = 9780 T[ºC]
= 85.74
N = 979 V_o[V] = 4.780 R_NTC[Ohms] = 10008 T[ºC]
= 85.01
N = 980 V_o[V] = 4.785 R_NTC[Ohms] = 10245 T[ºC]
= 84.28
N = 981 V_o[V] = 4.790 R_NTC[Ohms] = 10494 T[ºC]
= 83.53
N = 982 V_o[V] = 4.795 R_NTC[Ohms] = 10755 T[ºC]
= 82.77
N = 983 V_o[V] = 4.800 R_NTC[Ohms] = 11029 T[ºC]
= 82.00
N = 984 V_o[V] = 4.805 R_NTC[Ohms] = 11316 T[ºC]
= 81.21
N = 985 V_o[V] = 4.810 R_NTC[Ohms] = 11618 T[ºC]
= 80.40
N = 986 V_o[V] = 4.814 R_NTC[Ohms] = 11936 T[ºC]
= 79.58
N = 987 V_o[V] = 4.819 R_NTC[Ohms] = 12271 T[ºC]
= 78.74
N = 988 V_o[V] = 4.824 R_NTC[Ohms] = 12624 T[ºC]
= 77.88
N = 989 V_o[V] = 4.829 R_NTC[Ohms] = 12998 T[ºC]
= 77.01
N = 990 V_o[V] = 4.834 R_NTC[Ohms] = 13394 T[ºC]
= 76.11
N = 991 V_o[V] = 4.839 R_NTC[Ohms] = 13814 T[ºC]
= 75.19
N = 992 V_o[V] = 4.844 R_NTC[Ohms] = 14260 T[ºC]
= 74.26
N = 993 V_o[V] = 4.849 R_NTC[Ohms] = 14735 T[ºC]

N = 993 V_o[V] = 4.849 R_NTC[Ohms] = 14755 T[ºC] = 73.29
N = 994 V_o[V] = 4.854 R_NTC[Ohms] = 15241 T[ºC] = 72.31
N = 995 V_o[V] = 4.858 R_NTC[Ohms] = 15783 T[ºC] = 71.29
N = 996 V_o[V] = 4.863 R_NTC[Ohms] = 16363 T[ºC] = 70.25
N = 997 V_o[V] = 4.868 R_NTC[Ohms] = 16986 T[ºC] = 69.18
N = 998 V_o[V] = 4.873 R_NTC[Ohms] = 17657 T[ºC] = 68.07
N = 999 V_o[V] = 4.878 R_NTC[Ohms] = 18382 T[ºC] = 66.93
N = 1000 V_o[V] = 4.883 R_NTC[Ohms] = 19167 T[ºC] = 65.75
N = 1001 V_o[V] = 4.888 R_NTC[Ohms] = 20020 T[ºC] = 64.54
N = 1002 V_o[V] = 4.893 R_NTC[Ohms] = 20951 T[ºC] = 63.28
N = 1003 V_o[V] = 4.897 R_NTC[Ohms] = 21970 T[ºC] = 61.97
N = 1004 V_o[V] = 4.902 R_NTC[Ohms] = 23092 T[ºC] = 60.61
N = 1005 V_o[V] = 4.907 R_NTC[Ohms] = 24332 T[ºC] = 59.19
N = 1006 V_o[V] = 4.912 R_NTC[Ohms] = 25709 T[ºC] = 57.71
N = 1007 V_o[V] = 4.917 R_NTC[Ohms] = 27248 T[ºC] = 56.17
N = 1008 V_o[V] = 4.922 R_NTC[Ohms] = 28980 T[ºC] = 54.54
N = 1009 V_o[V] = 4.927 R_NTC[Ohms] = 30943 T[ºC] = 52.83
N = 1010 V_o[V] = 4.932 R_NTC[Ohms] = 33186 T[ºC] = 51.03
N = 1011 V_o[V] = 4.937 R_NTC[Ohms] = 35774 T[ºC] = 49.11
N = 1012 V_o[V] = 4.941 R_NTC[Ohms] = 38793 T[ºC] = 47.07
N = 1013 V_o[V] = 4.946 R_NTC[Ohms] = 42362 T[ºC] = 44.88
N = 1014 V_o[V] = 4.951 R_NTC[Ohms] = 46644 T[ºC] = 42.52
N = 1015 V_o[V] = 4.956 R_NTC[Ohms] = 51878 T[ºC] = 39.96
N = 1016 V_o[V] = 4.961 R_NTC[Ohms] = 58420 T[ºC] = 37.14
N = 1017 V_o[V] = 4.966 R_NTC[Ohms] = 66831 T[ºC] = 34.01
N = 1018 V_o[V] = 4.971 R_NTC[Ohms] = 78047 T[ºC] = 30.48
N = 1019 V_o[V] = 4.976 R_NTC[Ohms] = 93748 T[ºC] = 26.41
N = 1020 V_o[V] = 4.980 R_NTC[Ohms] = 117300 T[ºC] = 21.58
N = 1021 V_o[V] = 4.985 R_NTC[Ohms] = 156553 T[ºC] = 15.58
N = 1022 V_o[V] = 4.990 R_NTC[Ohms] = 235060 T[ºC] = 7.54

```
 = 7.54
N = 1023         V_o[V] = 4.995          R_NTC[Ohms] = 470580    T[ºC]
 = -5.20
```

In [17]:
```
print 'double temperature_lut[] = { ',

for i in range(0, 1024) :
    N = i
    V_o_i = N*(5.0/1024.0)
    R_NTC_i = (V_o_i*R)/(V_ref - V_o_i)

    if R_NTC_i > 0 :
        aux1 = ( math.log(R_NTC_i) - math.log(R_0) ) / Beta
        aux2 = 1.0/(T_0)

    T_i = 1.0/( aux1 + aux2 ) #Kelvin
    T_i = T_i - 273.0 #Celsius
    if T_i < 0:
        T_i = 0 #Positions with this error: lut[0] and lut[1023]

    if N < 1023 :
        print '%3.2f,' % (T_i),
    else :
        print '%3.2f' % (T_i),

print '};'
```

```
double temperature_lut[] = {  0.00, 2610.01, 1663.15, 1350.86, 1183.96
, 1076.29, 999.38, 940.83, 894.26, 856.01, 823.82, 796.23, 772.19, 751
.00, 732.11, 715.12, 699.73, 685.69, 672.80, 660.92, 649.90, 639.66, 6
30.09, 621.12, 612.69, 604.74, 597.23, 590.12, 583.37, 576.95, 570.83,
 564.99, 559.41, 554.06, 548.93, 544.01, 539.28, 534.72, 530.33, 526.1
0, 522.01, 518.06, 514.24, 510.54, 506.95, 503.47, 500.10, 496.82, 493
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