

Specification				Chip in Glass NTC Thermistor		UNG104F406G3		7	

: 100.00k $\Omega$   $\pm 1.0\%$   
 : 4066K (25 $^{\circ}$ C/85 $^{\circ}$ C)  $\pm 2.0\%$

Temp $^{\circ}$ C	Rmax k $\Omega$	Ravg k $\Omega$	Rmin k $\Omega$	$\Delta$ R	$-\Delta$ R		
5	268.5	260.8	253.3	3.0%	-2.9%	0.6	-0.6
6	254.9	247.8	240.9	2.9%	-2.8%	0.6	-0.6
7	242.0	235.6	229.2	2.7%	-2.7%	0.6	-0.5
8	229.9	224.0	218.2	2.6%	-2.6%	0.5	-0.5
9	218.5	213.1	207.7	2.5%	-2.5%	0.5	-0.5
10	207.7	202.7	197.9	2.4%	-2.4%	0.5	-0.5
11	197.5	193.0	188.5	2.3%	-2.3%	0.5	-0.5
12	187.9	183.7	179.7	2.2%	-2.2%	0.5	-0.5
13	178.8	175.0	171.3	2.1%	-2.1%	0.5	-0.4
14	170.2	166.8	163.4	2.0%	-2.0%	0.4	-0.4
15	162.0	158.9	155.9	1.9%	-1.9%	0.4	-0.4
16	154.3	151.5	148.8	1.9%	-1.8%	0.4	-0.4
17	147.1	144.5	142.0	1.8%	-1.7%	0.4	-0.4
18	140.2	137.9	135.6	1.7%	-1.6%	0.4	-0.4
19	133.6	131.6	129.5	1.6%	-1.5%	0.3	-0.3
20	127.4	125.6	123.8	1.5%	-1.5%	0.3	-0.3
21	121.6	119.9	118.3	1.4%	-1.4%	0.3	-0.3
22	116.0	114.5	113.1	1.3%	-1.3%	0.3	-0.3
23	110.8	109.4	108.2	1.2%	-1.2%	0.3	-0.3
24	105.8	104.6	103.5	1.1%	-1.1%	0.3	-0.2
25	101.0	100.0	98.99	1.0%	-1.0%	0.2	-0.2
26	96.66	95.61	94.59	1.1%	-1.1%	0.3	-0.2
27	92.54	91.46	90.39	1.2%	-1.2%	0.3	-0.3
28	88.62	87.50	86.41	1.3%	-1.2%	0.3	-0.3
29	84.88	83.74	82.62	1.4%	-1.3%	0.3	-0.3
30	81.33	80.17	79.03	1.4%	-1.4%	0.3	-0.3
31	77.94	76.76	75.60	1.5%	-1.5%	0.4	-0.4
32	74.72	73.52	72.35	1.6%	-1.6%	0.4	-0.4
33	71.64	70.44	69.25	1.7%	-1.7%	0.4	-0.4
34	68.71	67.50	66.31	1.8%	-1.8%	0.4	-0.4
35	65.92	64.70	63.50	1.9%	-1.8%	0.5	-0.4
36	63.25	62.03	60.83	2.0%	-1.9%	0.5	-0.5
37	60.71	59.49	58.29	2.0%	-2.0%	0.5	-0.5
38	58.28	57.07	55.87	2.1%	-2.1%	0.5	-0.5
39	55.97	54.75	53.56	2.2%	-2.2%	0.5	-0.5
40	53.75	52.55	51.36	2.3%	-2.3%	0.6	-0.6
41	51.64	50.44	49.26	2.4%	-2.3%	0.6	-0.6
42	49.62	48.43	47.26	2.5%	-2.4%	0.6	-0.6
43	47.69	46.51	45.35	2.5%	-2.5%	0.6	-0.6
44	45.85	44.68	43.52	2.6%	-2.6%	0.7	-0.7
45	44.09	42.93	41.78	2.7%	-2.7%	0.7	-0.7
46	42.40	41.25	40.12	2.8%	-2.7%	0.7	-0.7
47	40.79	39.65	38.54	2.9%	-2.8%	0.7	-0.7
48	39.25	38.12	37.02	3.0%	-2.9%	0.8	-0.8
49	37.77	36.66	35.57	3.0%	-3.0%	0.8	-0.8

Specification		Chip in Glass NTC Thermistor			UNG104F406G3		9
<div style="text-align: right;">           :            100.00kΩ               ±1.0%            :            4066K          (25℃/85℃) ±2.0%         </div>							
Temp ℃	Rmax kΩ	Ravg kΩ	Rmin kΩ	ΔR	-ΔR	ΔT(℃)	
50	36.36	35.26	34.19	3.1%	-3.0%	0.8	-0.8
51	35.01	33.92	32.86	3.2%	-3.1%	0.8	-0.8
52	33.71	32.64	31.60	3.3%	-3.2%	0.9	-0.9
53	32.47	31.42	30.39	3.3%	-3.3%	0.9	-0.9
54	31.28	30.24	29.23	3.4%	-3.3%	0.9	-0.9
55	30.14	29.12	28.12	3.5%	-3.4%	0.9	-0.9
56	29.05	28.04	27.06	3.6%	-3.5%	1.0	-1.0
57	28.00	27.01	26.05	3.7%	-3.6%	1.0	-1.0
58	27.00	26.02	25.08	3.7%	-3.6%	1.0	-1.0
59	26.03	25.08	24.15	3.8%	-3.7%	1.1	-1.0
60	25.11	24.17	23.25	3.9%	-3.8%	1.1	-1.1
61	24.22	23.30	22.40	4.0%	-3.9%	1.1	-1.1
62	23.37	22.46	21.58	4.0%	-3.9%	1.1	-1.1
63	22.55	21.66	20.80	4.1%	-4.0%	1.2	-1.1
64	21.77	20.89	20.04	4.2%	-4.1%	1.2	-1.2
65	21.01	20.16	19.32	4.3%	-4.1%	1.2	-1.2
66	20.29	19.45	18.63	4.3%	-4.2%	1.2	-1.2
67	19.59	18.77	17.96	4.4%	-4.3%	1.3	-1.2
68	18.93	18.11	17.33	4.5%	-4.3%	1.3	-1.3
69	18.28	17.49	16.72	4.6%	-4.4%	1.3	-1.3
70	17.67	16.88	16.13	4.6%	-4.5%	1.3	-1.3
71	17.07	16.31	15.56	4.7%	-4.5%	1.4	-1.3
72	16.50	15.75	15.02	4.8%	-4.6%	1.4	-1.4
73	15.95	15.21	14.50	4.8%	-4.7%	1.4	-1.4
74	15.42	14.70	14.00	4.9%	-4.7%	1.5	-1.4
75	14.91	14.21	13.52	5.0%	-4.8%	1.5	-1.4
76	14.42	13.73	13.06	5.1%	-4.9%	1.5	-1.5
77	13.95	13.27	12.62	5.1%	-4.9%	1.5	-1.5
78	13.50	12.83	12.19	5.2%	-5.0%	1.6	-1.5
79	13.06	12.41	11.78	5.3%	-5.1%	1.6	-1.5
80	12.64	12.00	11.39	5.3%	-5.1%	1.6	-1.6
81	12.24	11.61	11.01	5.4%	-5.2%	1.7	-1.6
82	11.85	11.23	10.64	5.5%	-5.3%	1.7	-1.6
83	11.47	10.87	10.29	5.5%	-5.3%	1.7	-1.7
84	11.11	10.52	9.951	5.6%	-5.4%	1.7	-1.7
85	10.76	10.18	9.625	5.7%	-5.5%	1.8	-1.7
86	10.42	9.855	9.311	5.7%	-5.5%	1.8	-1.7
87	10.10	9.541	9.009	5.8%	-5.6%	1.8	-1.8
88	9.783	9.239	8.718	5.9%	-5.6%	1.9	-1.8
89	9.480	8.948	8.438	5.9%	-5.7%	1.9	-1.8
90	9.189	8.667	8.168	6.0%	-5.8%	1.9	-1.8
91	8.907	8.397	7.908	6.1%	-5.8%	2.0	-1.9
92	8.636	8.136	7.657	6.1%	-5.9%	2.0	-1.9
93	8.374	7.884	7.415	6.2%	-5.9%	2.0	-1.9
94	8.121	7.641	7.182	6.3%	-6.0%	2.0	-2.0
—	—	—	—	—	—	—	—

: 100.00k $\Omega$   $\pm 1.0\%$   
 : 4066K (25 $^{\circ}$ C/85 $^{\circ}$ C)  $\pm 2.0\%$

Temp $^{\circ}$ C	Rmax k $\Omega$	Ravg k $\Omega$	Rmin k $\Omega$	$\Delta$ R	$-\Delta$ R		
95	7.876	7.406	6.957	6.3%	-6.1%	2.1	-2.0
96	7.640	7.180	6.741	6.4%	-6.1%	2.1	-2.0
97	7.413	6.962	6.532	6.5%	-6.2%	2.1	-2.0
98	7.192	6.751	6.330	6.5%	-6.2%	2.2	-2.1
99	6.980	6.547	6.135	6.6%	-6.3%	2.2	-2.1
100	6.774	6.351	5.947	6.7%	-6.4%	2.2	-2.1
101	6.576	6.161	5.766	6.7%	-6.4%	2.3	-2.2
102	6.384	5.977	5.591	6.8%	-6.5%	2.3	-2.2
103	6.198	5.800	5.422	6.9%	-6.5%	2.3	-2.2
104	6.019	5.629	5.259	6.9%	-6.6%	2.4	-2.2
105	5.846	5.464	5.101	7.0%	-6.6%	2.4	-2.3
106	5.678	5.304	4.949	7.1%	-6.7%	2.4	-2.3
107	5.516	5.149	4.802	7.1%	-6.7%	2.5	-2.3
108	5.359	5.000	4.660	7.2%	-6.8%	2.5	-2.4
109	5.207	4.856	4.523	7.2%	-6.9%	2.5	-2.4
110	5.060	4.716	4.390	7.3%	-6.9%	2.5	-2.4
111	4.918	4.581	4.262	7.4%	-7.0%	2.6	-2.4
112	4.781	4.450	4.138	7.4%	-7.0%	2.6	-2.5
113	4.647	4.324	4.018	7.5%	-7.1%	2.6	-2.5
114	4.518	4.201	3.902	7.5%	-7.1%	2.7	-2.5
115	4.394	4.083	3.790	7.6%	-7.2%	2.7	-2.6
116	4.273	3.968	3.681	7.7%	-7.2%	2.7	-2.6
117	4.156	3.858	3.576	7.7%	-7.3%	2.8	-2.6
118	4.042	3.750	3.475	7.8%	-7.3%	2.8	-2.6
119	3.932	3.646	3.377	7.9%	-7.4%	2.8	-2.7
120	3.826	3.546	3.281	7.9%	-7.4%	2.9	-2.7
121	3.723	3.448	3.189	8.0%	-7.5%	2.9	-2.7
122	3.623	3.354	3.100	8.0%	-7.6%	2.9	-2.8
123	3.526	3.262	3.014	8.1%	-7.6%	3.0	-2.8
124	3.432	3.174	2.931	8.1%	-7.7%	3.0	-2.8
125	3.341	3.088	2.850	8.2%	-7.7%	3.0	-2.9
126	3.253	3.005	2.771	8.3%	-7.8%	3.1	-2.9
127	3.167	2.924	2.696	8.3%	-7.8%	3.1	-2.9
128	3.084	2.846	2.622	8.4%	-7.9%	3.1	-3.0
129	3.004	2.770	2.551	8.4%	-7.9%	3.2	-3.0
130	2.926	2.696	2.482	8.5%	-8.0%	3.2	-3.0
131	2.850	2.625	2.415	8.6%	-8.0%	3.3	-3.0
132	2.776	2.556	2.350	8.6%	-8.1%	3.3	-3.1
133	2.705	2.489	2.287	8.7%	-8.1%	3.3	-3.1
134	2.636	2.424	2.226	8.7%	-8.2%	3.4	-3.1
135	2.568	2.361	2.167	8.8%	-8.2%	3.4	-3.2
136	2.503	2.300	2.110	8.8%	-8.3%	3.4	-3.2
137	2.440	2.241	2.055	8.9%	-8.3%	3.5	-3.2
138	2.378	2.183	2.001	9.0%	-8.4%	3.5	-3.3
139	2.319	2.127	1.948	9.0%	-8.4%	3.5	-3.3

Specification	Chip in Glass NTC Thermistor			UNG104F406G3		11	
				:	100.00k $\Omega$	$\pm 1.0\%$	
				:	4066K	(25℃/85℃) $\pm 2.0\%$	
Temp ℃	Rmax k $\Omega$	Ravg k $\Omega$	Rmin k $\Omega$	$\Delta$ R	$-\Delta$ R	$\Delta$ T(℃)	
140	2.261	2.073	1.898	9.1%	-8.4%	3.6	-3.3
141	2.204	2.020	1.848	9.1%	-8.5%	3.6	-3.4
142	2.150	1.969	1.801	9.2%	-8.5%	3.6	-3.4
143	2.096	1.919	1.754	9.2%	-8.6%	3.7	-3.4
144	2.045	1.871	1.709	9.3%	-8.6%	3.7	-3.5
145	1.995	1.824	1.666	9.3%	-8.7%	3.7	-3.5
146	1.946	1.779	1.623	9.4%	-8.7%	3.8	-3.5
147	1.898	1.735	1.582	9.5%	-8.8%	3.8	-3.5
148	1.852	1.692	1.542	9.5%	-8.8%	3.9	-3.6
149	1.808	1.650	1.504	9.6%	-8.9%	3.9	-3.6
150	1.764	1.609	1.466	9.6%	-8.9%	3.9	-3.6
151	1.722	1.570	1.429	9.7%	-9.0%	4.0	-3.7
152	1.681	1.532	1.394	9.7%	-9.0%	4.0	-3.7
153	1.641	1.494	1.359	9.8%	-9.1%	4.0	-3.7
154	1.602	1.458	1.326	9.8%	-9.1%	4.1	-3.8
155	1.564	1.423	1.293	9.9%	-9.1%	4.1	-3.8
156	1.527	1.389	1.261	9.9%	-9.2%	4.1	-3.8
157	1.491	1.356	1.231	10.0%	-9.2%	4.2	-3.9
158	1.456	1.323	1.201	10.0%	-9.3%	4.2	-3.9
159	1.422	1.292	1.171	10.1%	-9.3%	4.3	-3.9
160	1.389	1.261	1.143	10.1%	-9.4%	4.3	-4.0
161	1.357	1.232	1.116	10.2%	-9.4%	4.3	-4.0
162	1.326	1.203	1.089	10.2%	-9.5%	4.4	-4.0
163	1.295	1.174	1.063	10.3%	-9.5%	4.4	-4.1
164	1.266	1.147	1.038	10.4%	-9.5%	4.5	-4.1
165	1.237	1.120	1.013	10.4%	-9.6%	4.5	-4.1
166	1.209	1.094	0.9891	10.5%	-9.6%	4.5	-4.2
167	1.181	1.069	0.9658	10.5%	-9.7%	4.6	-4.2
168	1.155	1.045	0.9431	10.6%	-9.7%	4.6	-4.2
169	1.129	1.021	0.9210	10.6%	-9.8%	4.6	-4.3
170	1.104	0.9972	0.8996	10.7%	-9.8%	4.7	-4.3
171	1.079	0.9745	0.8787	10.7%	-9.8%	4.7	-4.3
172	1.055	0.9524	0.8584	10.8%	-9.9%	4.8	-4.4
173	1.032	0.9309	0.8386	10.8%	-9.9%	4.8	-4.4
174	1.009	0.9099	0.8193	10.9%	-10.0%	4.8	-4.4
175	0.9865	0.8895	0.8006	10.9%	-10.0%	4.9	-4.5
176	0.9649	0.8696	0.7823	11.0%	-10.0%	4.9	-4.5
177	0.9438	0.8502	0.7645	11.0%	-10.1%	5.0	-4.5
178	0.9233	0.8314	0.7472	11.1%	-10.1%	5.0	-4.6
179	0.9032	0.8130	0.7303	11.1%	-10.2%	5.0	-4.6
180	0.8837	0.7950	0.7139	11.2%	-10.2%	5.1	-4.6
181	0.8647	0.7775	0.6979	11.2%	-10.2%	5.1	-4.7
182	0.8461	0.7605	0.6823	11.3%	-10.3%	5.2	-4.7
183	0.8280	0.7439	0.6671	11.3%	-10.3%	5.2	-4.7
184	0.8103	0.7277	0.6523	11.4%	-10.4%	5.2	-4.8

: 100.00k $\Omega$   $\pm 1.0\%$   
 : 4066K (25 $^{\circ}$ C/85 $^{\circ}$ C)  $\pm 2.0\%$

Temp $^{\circ}$ C	Rmax k $\Omega$	Ravg k $\Omega$	Rmin k $\Omega$	$\Delta$ R	$-\Delta$ R		
185	0.7931	0.7119	0.6379	11.4%	-10.4%	5.3	-4.8
186	0.7763	0.6966	0.6238	11.4%	-10.4%	5.3	-4.9
187	0.7599	0.6816	0.6101	11.5%	-10.5%	5.4	-4.9
188	0.7439	0.6669	0.5968	11.5%	-10.5%	5.4	-4.9
189	0.7283	0.6527	0.5837	11.6%	-10.6%	5.4	-5.0
190	0.7131	0.6388	0.5710	11.6%	-10.6%	5.5	-5.0
191	0.6983	0.6252	0.5587	11.7%	-10.6%	5.5	-5.0
192	0.6838	0.6120	0.5466	11.7%	-10.7%	5.6	-5.1
193	0.6696	0.5990	0.5348	11.8%	-10.7%	5.6	-5.1
194	0.6558	0.5865	0.5234	11.8%	-10.8%	5.6	-5.1
195	0.6423	0.5742	0.5122	11.9%	-10.8%	5.7	-5.2
196	0.6292	0.5622	0.5013	11.9%	-10.8%	5.7	-5.2
197	0.6163	0.5505	0.4906	12.0%	-10.9%	5.8	-5.2
198	0.6038	0.5390	0.4802	12.0%	-10.9%	5.8	-5.3
199	0.5916	0.5279	0.4701	12.1%	-10.9%	5.9	-5.3
200	0.5796	0.5170	0.4602	12.1%	-11.0%	5.9	-5.3
201	0.5679	0.5064	0.4506	12.2%	-11.0%	5.9	-5.4
202	0.5565	0.4960	0.4412	12.2%	-11.1%	6.0	-5.4
203	0.5454	0.4859	0.4320	12.2%	-11.1%	6.0	-5.5
204	0.5345	0.4760	0.4230	12.3%	-11.1%	6.1	-5.5
205	0.5239	0.4664	0.4143	12.3%	-11.2%	6.1	-5.5
206	0.5135	0.4569	0.4057	12.4%	-11.2%	6.1	-5.6
207	0.5034	0.4477	0.3974	12.4%	-11.2%	6.2	-5.6
208	0.4935	0.4388	0.3893	12.5%	-11.3%	6.2	-5.6
209	0.4838	0.4300	0.3813	12.5%	-11.3%	6.3	-5.7
210	0.4743	0.4214	0.3736	12.6%	-11.4%	6.3	-5.7
211	0.4651	0.4130	0.3660	12.6%	-11.4%	6.4	-5.7
212	0.4561	0.4048	0.3586	12.7%	-11.4%	6.4	-5.8
213	0.4472	0.3968	0.3514	12.7%	-11.5%	6.4	-5.8
214	0.4386	0.3890	0.3443	12.7%	-11.5%	6.5	-5.9
215	0.4302	0.3814	0.3374	12.8%	-11.5%	6.5	-5.9
216	0.4219	0.3739	0.3307	12.8%	-11.6%	6.6	-5.9
217	0.4138	0.3666	0.3241	12.9%	-11.6%	6.6	-6.0
218	0.4060	0.3595	0.3177	12.9%	-11.6%	6.7	-6.0
219	0.3982	0.3525	0.3114	13.0%	-11.7%	6.7	-6.0
220	0.3907	0.3457	0.3053	13.0%	-11.7%	6.8	-6.1
221	0.3833	0.3391	0.2993	13.0%	-11.7%	6.8	-6.1
222	0.3761	0.3326	0.2934	13.1%	-11.8%	6.8	-6.2
223	0.3691	0.3262	0.2877	13.1%	-11.8%	6.9	-6.2
224	0.3622	0.3200	0.2821	13.2%	-11.8%	6.9	-6.2
225	0.3554	0.3139	0.2766	13.2%	-11.9%	7.0	-6.3
226	0.3488	0.3080	0.2713	13.3%	-11.9%	7.0	-6.3
227	0.3424	0.3021	0.2661	13.3%	-11.9%	7.1	-6.3
228	0.3360	0.2965	0.2609	13.4%	-12.0%	7.1	-6.4
229	0.3299	0.2909	0.2559	13.4%	-12.0%	7.2	-6.4



: 100.00k $\Omega$   $\pm 1.0\%$   
 : 4066K (25 $^{\circ}$ C/85 $^{\circ}$ C)  $\pm 2.0\%$

Temp $^{\circ}$ C	Rmax k $\Omega$	Ravg k $\Omega$	Rmin k $\Omega$	$\Delta$ R	$-\Delta$ R		
275	0.1489	0.1292	0.1118	15.2%	-13.4%	9.3	-8.3
276	0.1465	0.1271	0.1100	15.3%	-13.5%	9.4	-8.3
277	0.1442	0.1250	0.1082	15.3%	-13.5%	9.4	-8.3
278	0.1419	0.1230	0.1064	15.3%	-13.5%	9.5	-8.4
279	0.1396	0.1210	0.1046	15.4%	-13.6%	9.5	-8.4
280	0.1374	0.1191	0.1029	15.4%	-13.6%	9.6	-8.5
281	0.1353	0.1172	0.1012	15.5%	-13.6%	9.6	-8.5
282	0.1331	0.1153	0.0996	15.5%	-13.6%	9.7	-8.5
283	0.1311	0.1134	0.0979	15.5%	-13.7%	9.8	-8.6
284	0.1290	0.1116	0.0963	15.6%	-13.7%	9.8	-8.6
285	0.1270	0.1099	0.0948	15.6%	-13.7%	9.9	-8.7
286	0.1250	0.1081	0.0932	15.6%	-13.8%	9.9	-8.7
287	0.1231	0.1064	0.0917	15.7%	-13.8%	10.0	-8.8
288	0.1212	0.1047	0.0903	15.7%	-13.8%	10.0	-8.8
289	0.1193	0.1031	0.0888	15.7%	-13.8%	10.1	-8.8
290	0.1175	0.1015	0.0874	15.8%	-13.9%	10.1	-8.9
291	0.1157	0.0999	0.0860	15.8%	-13.9%	10.2	-8.9
292	0.1139	0.0983	0.0846	15.9%	-13.9%	10.2	-9.0
293	0.1122	0.0968	0.0833	15.9%	-14.0%	10.3	-9.0
294	0.1105	0.0953	0.0820	15.9%	-14.0%	10.3	-9.1
295	0.1088	0.0938	0.0807	16.0%	-14.0%	10.4	-9.1
296	0.1072	0.0924	0.0794	16.0%	-14.0%	10.4	-9.1
297	0.1056	0.0910	0.0782	16.0%	-14.1%	10.5	-9.2
298	0.1040	0.0896	0.0770	16.1%	-14.1%	10.5	-9.2
299	0.1024	0.0882	0.0758	16.1%	-14.1%	10.6	-9.3
300	0.1009	0.0869	0.0746	16.1%	-14.1%	10.6	-9.3