

DQ83系列

红外温度传感器
DQ83TNA90P

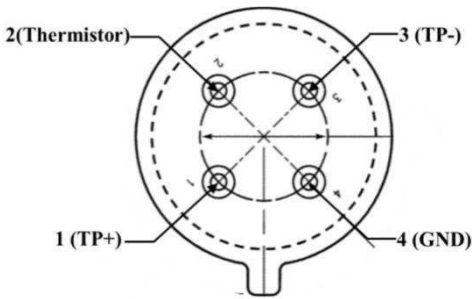
特征

DQ83TNA90P是一款采用经典TO-46封装的单通道热电堆传感器，有效面积尺寸为0.46 mm²，由封装内的热敏电阻提供环境温度基准。 热电堆传感器噪声接近约翰逊噪声限制，可以直接根据其电阻计算。 产品适用于非接触式温度测量。

- TO-46 metal package with IR absorption layer included. （TO-46金属封装包括红外吸收层）
- Low temperature coefficient of responsivity (TCRv) （低温响应系数）
- Thermistor temperature reference included （热敏电阻温度基准）
- Used for not-contact temperature measurement, ideally for ear thermometers （用于非接触式温度测量，尤其是耳温计）

Pin Definition

Pin No.	Pin Description
1	TP+
2	Thermistor (NTC)
3	TP-
4	GND



Bottom view
（仰视图）



Technical Specifications (技术规格)

Parameter (参数)	Symbol (符号)	Typical (典型)	Units (单位)	Conditions (条件)
Sensor diameter (传感器直径)	d	0.68	mm	
Active area (有效区域)	A	0.46	mm ²	
Output Voltage (输出电压)	Vs	2.0 ± 0.4	mV	Tb = 50°C, Ta = 25°C, 5.5-14um, FOV=90
Responsivity (响应率)	Rv	106	V/W	Tb = 50°C, Ta = 25°C, 5.5-14um, FOV=90
Temperature Coefficient of Rv (Rv温度系数)	TCRv	-0.05	%/K	Tb = 100°C, Ta = 25 to 75°C, 5.5-14um
Resistance (热电堆电阻)	R	93 ± 20	K	
Temperature Coefficient of R (电阻温度系数)	TCR	0.11	%/K	Tb = 100°C, Ta = 0 to 80°C, best fit
Time constant (时间常数)	τ	17	ms	
Noise Voltage (噪声电压)	Vn	38.6	nV/Hz ^{1/2}	
Noise Equivalent Power (等效噪声功率)	NEP	0.36	nW/Hz ^{1/2}	
Normalized Detectivity (探测率)	D*	1.87 * 10 ⁸	cmHz ^{1/2} /W	
Thermistor resistance (NTC阻值)	Rth	100	KΩ	
Thermistor B value (NTC B值)	B	4080	K	Tb = 50°C, Ta = 25°C
FOV (视场)		90	degree	
Filter (过滤器)		5.5 cut on	um	
Package (封装)		TO-46		
Operating temperature (工作温度)		-20~100	°C	
Storage temperature (贮存温度)		-40~120	°C	

NTC R&T 表

R25 = 100K Ohm $\pm 3\%$ B25/85 = 4080 K $\pm 1\%$

Temp. °C (温度)	R max. Ω (最大值)	R Center Ω (中心值)	R min. Ω (最小值)	Temp. Tolerance °C (温度差)	
-40	3311886	3100869	2889853	0.89	- 0.89
-39	3113470	2917132	2720793	0.89	- 0.89
-38	2926898	2744225	2561552	0.88	- 0.88
-37	2751572	2581615	2411658	0.88	- 0.88
-36	2586904	2428774	2270644	0.88	- 0.88
-35	2432316	2285181	2138046	0.88	- 0.88
-34	2287246	2150331	2013415	0.88	- 0.88
-33	2151153	2023732	1896311	0.87	- 0.87
-32	2023511	1904910	1786309	0.87	- 0.87
-31	1903819	1793410	1683001	0.87	- 0.87
-30	1791597	1688796	1585994	0.86	- 0.86
-29	1686389	1590653	1494916	0.86	- 0.86
-28	1587761	1498585	1409408	0.86	- 0.86
-27	1495302	1412217	1329132	0.86	- 0.86
-26	1408623	1331195	1253767	0.85	- 0.85
-25	1327356	1255183	1183009	0.85	- 0.85
-24	1251158	1183864	1116570	0.85	- 0.85
-23	1179702	1116942	1054181	0.84	- 0.84
-22	1112683	1054135	995586	0.84	- 0.84
-21	1049815	995180	940546	0.84	- 0.84
-20	990828	939832	888835	0.83	- 0.83
-19	935472	887857	840242	0.83	- 0.83
-18	883510	839040	794569	0.83	- 0.83
-17	834722	793176	751630	0.82	- 0.82
-16	788902	750077	711252	0.82	- 0.82
-15	745858	709565	673272	0.82	- 0.82
-14	705409	671472	637536	0.81	- 0.81
-13	667387	635646	603904	0.81	- 0.81
-12	631637	601939	572241	0.81	- 0.81
-11	598011	570217	542423	0.80	- 0.80
-10	566374	540354	514334	0.80	- 0.80
-9	536597	512231	487866	0.80	- 0.80
-8	508562	485739	462915	0.79	- 0.79

DONG QING CORPORATION

R25 = 100K Ohm $\pm 3\%$

B25/85 = 4080 K $\pm 1\%$

Temp. °C (温度)	R max. Ω (最大值)	R Center Ω (中心值)	R min. Ω (最小值)	Temp. Tolerance °C (温度差)	
-7	482158	460773	439389	0.79	- 0.79
-6	457281	437239	417197	0.78	- 0.78
-5	433836	415047	396258	0.78	- 0.78
-4	411732	394112	376493	0.78	- 0.78
-3	390884	374358	357831	0.77	- 0.77
-2	371216	355710	340205	0.77	- 0.77
-1	352653	338101	323550	0.76	- 0.76
0	335127	321467	307807	0.76	- 0.76
1	318574	305749	292923	0.75	- 0.75
2	302936	290890	278845	0.75	- 0.75
3	288155	276840	265525	0.75	- 0.75
4	274181	263549	252917	0.74	- 0.74
5	260965	250973	240980	0.74	- 0.74
6	248461	239068	229675	0.73	- 0.73
7	236626	227795	218964	0.73	- 0.73
8	225422	217117	208812	0.72	- 0.72
9	214811	206999	199187	0.72	- 0.72
10	204758	197409	190059	0.71	- 0.71
11	195231	188316	181400	0.71	- 0.71
12	186199	179691	173182	0.70	- 0.70
13	177634	171508	165381	0.70	- 0.70
14	169509	163741	157973	0.69	- 0.69
15	161799	156367	150936	0.69	- 0.69
16	154480	149365	144249	0.68	- 0.68
17	147531	142713	137894	0.68	- 0.68
18	140930	136391	131852	0.67	- 0.67
19	134659	130382	126105	0.67	- 0.67
20	128699	124669	120638	0.66	- 0.66
21	123033	119234	115436	0.66	- 0.66
22	117644	114064	110484	0.65	- 0.65
23	112519	109144	105769	0.65	- 0.65
24	107642	104460	101278	0.66	- 0.66
25	103000	100000	97000	0.68	- 0.68

DONG QING CORPORATION

R25 = 100K Ohm $\pm 3\%$

B25/85 = 4080 K $\pm 1\%$

Temp. ℃ (温度)	R max. Ω (最大值)	R Center Ω (中心值)	R min. Ω (最小值)	Temp. Tolerance ℃ (温度差)	
26	98668	95752	92836	0.69	- 0.69
27	94540	91705	88870	0.70	- 0.70
28	90603	87848	85093	0.72	- 0.72
29	86849	84172	81495	0.73	- 0.73
30	83268	80666	78065	0.75	- 0.75
31	79851	77323	74795	0.76	- 0.76
32	76590	74134	71678	0.78	- 0.78
33	73477	71091	68705	0.79	- 0.79
34	70505	68187	65868	0.81	- 0.81
35	67666	65414	63162	0.82	- 0.82
36	64954	62766	60578	0.84	- 0.84
37	62363	60237	58112	0.85	- 0.85
38	59886	57822	55757	0.87	- 0.87
39	57518	55513	53508	0.88	- 0.88
40	55255	53307	51359	0.90	- 0.90
41	53090	51198	49306	0.92	- 0.92
42	51019	49181	47344	0.93	- 0.93
43	49037	47252	45468	0.95	- 0.95
44	47141	45407	43674	0.96	- 0.96
45	45326	43642	41959	0.98	- 0.98
46	43588	41953	40318	1.00	- 1.00
47	41924	40336	38748	1.01	- 1.01
48	40331	38788	37245	1.03	- 1.03
49	38804	37306	35807	1.04	- 1.04
50	37342	35886	34431	1.06	- 1.06
51	35940	34526	33113	1.08	- 1.08
52	34597	33224	31850	1.09	- 1.09
53	33309	31975	30641	1.11	- 1.11
54	32074	30779	29483	1.13	- 1.13
55	30890	29632	28373	1.14	- 1.14
56	29754	28532	27309	1.16	- 1.16
57	28665	27477	26289	1.18	- 1.18
58	27620	26466	25312	1.19	- 1.19

DONG QING CORPORATION

R25 = 100K Ohm $\pm 3\%$

B25/85 = 4080 K $\pm 1\%$

Temp. ℃ (温度)	R max. Ω (最大值)	R Center Ω (中心值)	R min. Ω (最小值)	Temp. Tolerance ℃ (温度差)	
59	26616	25495	24374	1.21	- 1.21
60	25653	24564	23475	1.23	- 1.23
61	24729	23671	22613	1.25	- 1.25
62	23842	22814	21785	1.26	- 1.26
63	22989	21990	20991	1.28	- 1.28
64	22171	21200	20230	1.30	- 1.30
65	21385	20442	19498	1.32	- 1.32
66	20629	19713	18796	1.33	- 1.33
67	19904	19013	18122	1.35	- 1.35
68	19206	18340	17475	1.37	- 1.37
69	18536	17694	16853	1.39	- 1.39
70	17891	17074	16256	1.41	- 1.41
71	17272	16477	15682	1.42	- 1.42
72	16676	15903	15131	1.44	- 1.44
73	16103	15352	14601	1.46	- 1.46
74	15552	14822	14092	1.48	- 1.48
75	15022	14312	13602	1.50	- 1.50
76	14512	13822	13131	1.52	- 1.52
77	14021	13350	12679	1.53	- 1.53
78	13548	12896	12243	1.55	- 1.55
79	13094	12459	11825	1.57	- 1.57
80	12656	12039	11422	1.59	- 1.59
81	12235	11635	11034	1.61	- 1.61
82	11829	11245	10662	1.63	- 1.63
83	11438	10870	10303	1.65	- 1.65
84	11062	10510	9957	1.67	- 1.67
85	10699	10162	9625	1.69	- 1.69
86	10350	9827	9305	1.71	- 1.71
87	10014	9505	8997	1.73	- 1.73
88	9689	9194	8700	1.74	- 1.74
89	9377	8895	8414	1.76	- 1.76
90	9075	8607	8138	1.78	- 1.78
91	8785	8329	7873	1.80	- 1.80

R25 = 100K Ohm $\pm 3\%$
B25/85 = 4080 K $\pm 1\%$

Temp. ℃ (温度)	R max. Ω (最大值)	R Center Ω (中心值)	R min. Ω (最小值)	Temp. Tolerance ℃ (温度差)	
92	8505	8061	7618	1.82	- 1.82
93	8235	7803	7371	1.84	- 1.84
94	7975	7554	7134	1.86	- 1.86
95	7723	7314	6905	1.88	- 1.88
96	7481	7083	6684	1.90	- 1.90
97	7248	6860	6472	1.92	- 1.92
98	7022	6644	6267	1.94	- 1.94
99	6805	6437	6069	1.96	- 1.96
100	6595	6236	5878	1.99	- 1.99
101	6392	6043	5694	2.01	- 2.01
102	6196	5857	5517	2.03	- 2.03
103	6007	5676	5346	2.05	- 2.05
104	5825	5503	5180	2.07	- 2.07
105	5649	5335	5021	2.09	- 2.09
106	5479	5173	4867	2.11	- 2.11
107	5315	5017	4718	2.13	- 2.13
108	5156	4866	4575	2.15	- 2.15
109	5003	4720	4437	2.17	- 2.17
110	4855	4579	4303	2.19	- 2.19
111	4712	4443	4174	2.22	- 2.22
112	4574	4311	4049	2.24	- 2.24
113	4440	4184	3929	2.26	- 2.26
114	4311	4061	3812	2.28	- 2.28
115	4186	3943	3700	2.30	- 2.30
116	4065	3828	3591	2.32	- 2.32
117	3948	3717	3486	2.35	- 2.35
118	3835	3610	3385	2.37	- 2.37
119	3726	3506	3286	2.39	- 2.39
120	3621	3406	3192	2.41	- 2.41
121	3519	3309	3100	2.43	- 2.43
122	3420	3215	3011	2.46	- 2.46
123	3324	3125	2926	2.48	- 2.48
124	3231	3037	2843	2.50	- 2.50
125	3142	2952	2762	2.52	- 2.52

Voltage VS Temperature Table (电压与温度表)

Thermopile Output Voltage [mV] (输出电压 [mV])		Typical Output Voltage (DQ83) (典型输出电压(DQ83))										
		Thermistor Temperature (°C) (热敏电阻温度)										
		0	1	2	3	4	5	6	7	8	9	10
Object Temperature (°C) 物体温度	-20	-1.020	-1.076	-1.133	-1.191	-1.249	-1.308	-1.367	-1.427	-1.487	-1.548	-1.610
	-19	-0.974	-1.031	-1.088	-1.145	-1.204	-1.262	-1.322	-1.382	-1.442	-1.503	-1.565
	-18	-0.928	-0.985	-1.042	-1.100	-1.158	-1.217	-1.276	-1.336	-1.397	-1.458	-1.519
	-17	-0.882	-0.938	-0.996	-1.053	-1.112	-1.171	-1.230	-1.290	-1.351	-1.412	-1.473
	-16	-0.835	-0.891	-0.949	-1.006	-1.065	-1.124	-1.183	-1.243	-1.304	-1.365	-1.427
	-15	-0.787	-0.844	-0.901	-0.959	-1.017	-1.076	-1.136	-1.196	-1.257	-1.318	-1.380
	-14	-0.739	-0.796	-0.853	-0.911	-0.969	-1.028	-1.088	-1.148	-1.209	-1.270	-1.332
	-13	-0.690	-0.747	-0.804	-0.862	-0.921	-0.980	-1.039	-1.100	-1.160	-1.222	-1.284
	-12	-0.641	-0.698	-0.755	-0.813	-0.872	-0.931	-0.990	-1.051	-1.111	-1.173	-1.235
	-11	-0.591	-0.648	-0.705	-0.763	-0.822	-0.881	-0.941	-1.001	-1.062	-1.123	-1.185
	-10	-0.540	-0.597	-0.655	-0.713	-0.771	-0.831	-0.890	-0.951	-1.012	-1.073	-1.135
	-9	-0.489	-0.546	-0.603	-0.662	-0.720	-0.779	-0.839	-0.900	-0.961	-1.022	-1.084
	-8	-0.437	-0.494	-0.552	-0.610	-0.668	-0.728	-0.788	-0.848	-0.909	-0.971	-1.033
	-7	-0.384	-0.441	-0.499	-0.557	-0.616	-0.675	-0.735	-0.796	-0.857	-0.919	-0.981
	-6	-0.331	-0.388	-0.446	-0.504	-0.563	-0.623	-0.683	-0.743	-0.804	-0.866	-0.928
	-5	-0.278	-0.335	-0.393	-0.451	-0.510	-0.569	-0.629	-0.690	-0.751	-0.812	-0.875
	-4	-0.223	-0.281	-0.338	-0.397	-0.455	-0.515	-0.575	-0.636	-0.697	-0.758	-0.821
	-3	-0.168	-0.226	-0.283	-0.342	-0.401	-0.460	-0.520	-0.581	-0.642	-0.704	-0.766
	-2	-0.113	-0.170	-0.228	-0.286	-0.345	-0.405	-0.465	-0.526	-0.587	-0.649	-0.711
	-1	-0.057	-0.114	-0.172	-0.230	-0.289	-0.349	-0.409	-0.470	-0.531	-0.593	-0.655
Object Temperature (°C) 物体温度	0	0.000	-0.057	-0.115	-0.174	-0.233	-0.292	-0.353	-0.413	-0.475	-0.537	-0.599
	1	0.057	0.000	-0.058	-0.116	-0.175	-0.235	-0.295	-0.356	-0.417	-0.479	-0.542
	2	0.115	0.058	0.000	-0.059	-0.118	-0.177	-0.238	-0.298	-0.360	-0.422	-0.485
	3	0.174	0.117	0.059	0.000	-0.059	-0.119	-0.179	-0.240	-0.301	-0.364	-0.426
	4	0.233	0.176	0.118	0.059	0.000	-0.060	-0.120	-0.181	-0.242	-0.305	-0.367
	5	0.293	0.236	0.178	0.119	0.060	0.000	-0.060	-0.121	-0.183	-0.245	-0.307

DONG QING CORPORATION

6	0.354	0.296	0.238	0.179	0.120	0.060	0.000	-0.061	-0.122	-0.185	-0.247
7	0.415	0.357	0.299	0.240	0.181	0.121	0.061	0.000	-0.062	-0.124	-0.186
8	0.477	0.419	0.361	0.302	0.243	0.183	0.123	0.062	0.000	-0.062	-0.125
9	0.539	0.482	0.424	0.365	0.305	0.245	0.185	0.124	0.062	0.000	-0.063
10	0.602	0.545	0.486	0.428	0.368	0.308	0.248	0.187	0.125	0.063	0.000
11	0.666	0.609	0.550	0.491	0.432	0.372	0.312	0.250	0.189	0.126	0.063
12	0.731	0.673	0.615	0.556	0.497	0.437	0.376	0.315	0.253	0.191	0.128
13	0.796	0.738	0.680	0.621	0.562	0.502	0.441	0.380	0.318	0.256	0.193
14	0.863	0.805	0.747	0.688	0.628	0.568	0.507	0.446	0.384	0.321	0.258
15	0.930	0.872	0.813	0.754	0.694	0.634	0.574	0.512	0.450	0.388	0.325
16	0.997	0.939	0.881	0.822	0.762	0.702	0.641	0.580	0.518	0.455	0.392
17	1.067	1.008	0.950	0.891	0.831	0.770	0.710	0.648	0.586	0.523	0.460
18	1.137	1.079	1.020	0.961	0.901	0.841	0.779	0.718	0.656	0.593	0.529
19	1.209	1.151	1.092	1.032	0.972	0.911	0.850	0.788	0.726	0.663	0.600
20	1.283	1.224	1.165	1.106	1.045	0.985	0.923	0.861	0.799	0.735	0.672
21	1.348	1.290	1.231	1.171	1.111	1.051	0.990	0.928	0.865	0.803	0.739
22	1.413	1.355	1.296	1.237	1.177	1.117	1.056	0.994	0.932	0.870	0.806
23	1.478	1.420	1.361	1.303	1.243	1.183	1.122	1.061	0.999	0.937	0.874
24	1.543	1.485	1.427	1.368	1.309	1.249	1.189	1.128	1.066	1.004	0.942
25	1.608	1.550	1.493	1.434	1.375	1.316	1.255	1.195	1.133	1.072	1.009
26	1.673	1.616	1.559	1.500	1.442	1.382	1.322	1.262	1.201	1.139	1.077
27	1.739	1.682	1.625	1.567	1.508	1.449	1.389	1.329	1.268	1.207	1.145
28	1.805	1.748	1.691	1.633	1.575	1.516	1.456	1.397	1.336	1.275	1.213
29	1.870	1.814	1.757	1.699	1.641	1.583	1.524	1.464	1.404	1.343	1.281
30	1.936	1.880	1.823	1.766	1.708	1.650	1.591	1.531	1.471	1.411	1.350
31	2.016	1.960	1.903	1.846	1.788	1.729	1.670	1.610	1.550	1.489	1.428
32	2.099	2.043	1.986	1.928	1.870	1.811	1.752	1.692	1.631	1.570	1.509
33	2.178	2.121	2.064	2.006	1.948	1.889	1.830	1.770	1.709	1.648	1.586
34	2.259	2.202	2.145	2.087	2.028	1.969	1.910	1.850	1.789	1.728	1.666
35	2.338	2.281	2.224	2.166	2.107	2.048	1.989	1.929	1.868	1.807	1.745
36	2.418	2.361	2.303	2.246	2.187	2.128	2.068	2.008	1.948	1.886	1.824
37	2.498	2.441	2.384	2.326	2.268	2.209	2.149	2.089	2.028	1.966	1.905
38	2.580	2.523	2.465	2.407	2.349	2.290	2.230	2.170	2.109	2.048	1.986
39	2.662	2.605	2.548	2.490	2.431	2.372	2.312	2.252	2.191	2.129	2.067

DONG QING CORPORATION

	40	2.746	2.689	2.631	2.573	2.515	2.455	2.396	2.335	2.274	2.213	2.151
	41	2.828	2.771	2.714	2.656	2.597	2.538	2.478	2.417	2.357	2.295	2.233
	42	2.911	2.854	2.797	2.738	2.680	2.621	2.561	2.500	2.439	2.378	2.316
	43	2.995	2.938	2.880	2.822	2.763	2.704	2.644	2.584	2.523	2.461	2.399
	44	3.079	3.022	2.965	2.906	2.848	2.789	2.729	2.668	2.607	2.546	2.484
	45	3.164	3.107	3.050	2.992	2.933	2.874	2.814	2.753	2.692	2.631	2.569
	46	3.250	3.193	3.136	3.077	3.019	2.959	2.900	2.839	2.778	2.717	2.654
	47	3.337	3.280	3.222	3.164	3.105	3.046	2.986	2.926	2.865	2.803	2.741
	48	3.424	3.367	3.309	3.251	3.193	3.133	3.073	3.013	2.952	2.890	2.828
	49	3.512	3.455	3.398	3.339	3.281	3.221	3.161	3.101	3.040	2.978	2.916
Object Temperature (°C) 物体温度	50	3.601	3.544	3.486	3.428	3.369	3.310	3.250	3.190	3.129	3.067	3.005
	51	3.689	3.632	3.575	3.517	3.458	3.399	3.339	3.278	3.217	3.156	3.094
	52	3.778	3.720	3.663	3.605	3.546	3.487	3.427	3.367	3.306	3.244	3.182
	53	3.866	3.809	3.752	3.694	3.635	3.576	3.516	3.455	3.394	3.333	3.271
	54	3.958	3.901	3.843	3.785	3.727	3.667	3.607	3.547	3.486	3.425	3.362
	55	4.050	3.993	3.936	3.878	3.819	3.760	3.700	3.640	3.579	3.517	3.455
	56	4.144	4.087	4.029	3.971	3.912	3.853	3.793	3.733	3.672	3.610	3.548
	57	4.238	4.181	4.123	4.065	4.006	3.947	3.887	3.827	3.766	3.704	3.642
	58	4.332	4.275	4.218	4.160	4.101	4.042	3.982	3.921	3.860	3.799	3.737
	59	4.424	4.367	4.310	4.251	4.193	4.134	4.074	4.013	3.952	3.891	3.829
	60	4.518	4.461	4.403	4.345	4.286	4.227	4.167	4.107	4.046	3.985	3.923
	61	4.613	4.556	4.499	4.441	4.382	4.323	4.263	4.203	4.142	4.080	4.018
	62	4.708	4.651	4.594	4.536	4.477	4.418	4.358	4.298	4.237	4.176	4.114
	63	4.807	4.750	4.692	4.634	4.576	4.517	4.457	4.396	4.336	4.274	4.212
	64	4.899	4.843	4.785	4.727	4.669	4.610	4.550	4.490	4.429	4.367	4.305
	65	4.999	4.943	4.885	4.827	4.769	4.710	4.650	4.590	4.529	4.467	4.405
	66	5.100	5.043	4.986	4.928	4.869	4.810	4.751	4.690	4.629	4.568	4.506
	67	5.202	5.145	5.088	5.030	4.971	4.912	4.852	4.792	4.731	4.670	4.608
	68	5.300	5.243	5.186	5.128	5.070	5.010	4.951	4.891	4.830	4.768	4.706
	69	5.399	5.342	5.284	5.227	5.168	5.109	5.049	4.989	4.928	4.867	4.805
	70	5.499	5.442	5.385	5.327	5.269	5.210	5.150	5.090	5.029	4.968	4.906
	71	5.604	5.547	5.490	5.432	5.373	5.314	5.255	5.195	5.134	5.073	5.011
	72	5.706	5.649	5.592	5.534	5.476	5.417	5.357	5.297	5.236	5.175	5.113
	73	5.809	5.752	5.695	5.637	5.578	5.519	5.460	5.400	5.339	5.278	5.216

DONG QING CORPORATION

74	5.912	5.856	5.798	5.740	5.682	5.623	5.564	5.503	5.443	5.382	5.320
75	6.013	5.956	5.899	5.841	5.783	5.724	5.664	5.604	5.544	5.483	5.421
76	6.121	6.065	6.007	5.950	5.891	5.832	5.773	5.713	5.652	5.591	5.529
77	6.231	6.174	6.117	6.059	6.001	5.942	5.882	5.822	5.762	5.700	5.639
78	6.337	6.280	6.223	6.166	6.107	6.048	5.989	5.929	5.868	5.807	5.745
79	6.444	6.388	6.330	6.273	6.214	6.156	6.096	6.036	5.976	5.915	5.853
80	6.552	6.496	6.438	6.381	6.322	6.264	6.204	6.144	6.084	6.023	5.961
81	6.661	6.604	6.547	6.489	6.431	6.372	6.313	6.253	6.193	6.131	6.070
82	6.770	6.714	6.656	6.599	6.541	6.482	6.422	6.363	6.302	6.241	6.179
83	6.880	6.824	6.767	6.709	6.651	6.592	6.533	6.473	6.412	6.351	6.290
84	6.991	6.934	6.877	6.820	6.762	6.703	6.644	6.584	6.523	6.462	6.401
85	7.094	7.038	6.981	6.923	6.865	6.806	6.747	6.687	6.627	6.566	6.505
86	7.210	7.154	7.097	7.040	6.981	6.923	6.864	6.804	6.744	6.683	6.621
87	7.328	7.271	7.214	7.157	7.099	7.040	6.981	6.921	6.861	6.800	6.739
88	7.442	7.385	7.328	7.271	7.213	7.154	7.095	7.035	6.975	6.914	6.853
89	7.556	7.500	7.443	7.385	7.327	7.269	7.210	7.150	7.090	7.029	6.967
90	7.662	7.606	7.549	7.492	7.434	7.375	7.316	7.257	7.196	7.136	7.074
91	7.783	7.726	7.670	7.612	7.554	7.496	7.437	7.377	7.317	7.256	7.195
92	7.899	7.843	7.786	7.729	7.671	7.613	7.554	7.494	7.434	7.373	7.312
93	8.017	7.961	7.904	7.847	7.789	7.730	7.671	7.612	7.552	7.491	7.430
94	8.135	8.079	8.022	7.965	7.907	7.849	7.790	7.730	7.670	7.609	7.548
95	8.249	8.193	8.136	8.079	8.021	7.963	7.904	7.845	7.785	7.724	7.663
96	8.369	8.313	8.256	8.199	8.141	8.083	8.024	7.965	7.905	7.844	7.783
97	8.484	8.428	8.372	8.314	8.257	8.199	8.140	8.080	8.020	7.960	7.899
98	8.605	8.549	8.493	8.436	8.378	8.320	8.261	8.202	8.142	8.081	8.020
99	8.727	8.671	8.615	8.558	8.500	8.442	8.383	8.324	8.264	8.203	8.142
100	8.845	8.789	8.732	8.675	8.618	8.560	8.501	8.442	8.382	8.321	8.260

DONG QING CORPORATION

Thermopile Output Voltage [mV] (输出电压 [mV])		Typical Output Voltage (DQ83) (典型输出电压(DQ83))									
		Thermistor Temperature (°C) (热敏电阻温度)									
		11	12	13	14	15	16	17	18	19	20
Object Temperature (°C) 物体温度	-20	-1.672	-1.734	-1.798	-1.862	-1.926	-1.991	-2.057	-2.123	-2.190	-2.258
	-19	-1.627	-1.690	-1.753	-1.817	-1.882	-1.947	-2.012	-2.079	-2.146	-2.213
	-18	-1.582	-1.644	-1.708	-1.772	-1.836	-1.902	-1.967	-2.034	-2.101	-2.169
	-17	-1.536	-1.599	-1.662	-1.726	-1.791	-1.856	-1.922	-1.988	-2.055	-2.123
	-16	-1.489	-1.552	-1.616	-1.680	-1.745	-1.810	-1.876	-1.942	-2.009	-2.077
	-15	-1.442	-1.505	-1.569	-1.633	-1.698	-1.763	-1.829	-1.896	-1.963	-2.031
	-14	-1.395	-1.458	-1.521	-1.585	-1.650	-1.716	-1.782	-1.848	-1.916	-1.983
	-13	-1.346	-1.409	-1.473	-1.537	-1.602	-1.668	-1.734	-1.801	-1.868	-1.936
	-12	-1.297	-1.361	-1.424	-1.489	-1.554	-1.619	-1.685	-1.752	-1.819	-1.887
	-11	-1.248	-1.311	-1.375	-1.439	-1.504	-1.570	-1.636	-1.703	-1.771	-1.839
	-10	-1.198	-1.261	-1.325	-1.390	-1.455	-1.520	-1.587	-1.653	-1.721	-1.789
	-9	-1.147	-1.210	-1.274	-1.339	-1.404	-1.470	-1.536	-1.603	-1.670	-1.739
	-8	-1.096	-1.159	-1.223	-1.287	-1.353	-1.418	-1.485	-1.552	-1.619	-1.687
	-7	-1.044	-1.107	-1.171	-1.236	-1.301	-1.366	-1.433	-1.500	-1.568	-1.636
	-6	-0.991	-1.054	-1.118	-1.183	-1.248	-1.314	-1.380	-1.448	-1.515	-1.583
	-5	-0.938	-1.001	-1.065	-1.130	-1.195	-1.261	-1.327	-1.395	-1.462	-1.531
	-4	-0.884	-0.947	-1.011	-1.076	-1.141	-1.207	-1.274	-1.341	-1.409	-1.477
	-3	-0.829	-0.893	-0.957	-1.022	-1.087	-1.153	-1.220	-1.287	-1.355	-1.423
	-2	-0.774	-0.838	-0.902	-0.967	-1.032	-1.098	-1.165	-1.232	-1.300	-1.368
	-1	-0.718	-0.782	-0.846	-0.911	-0.977	-1.043	-1.109	-1.177	-1.244	-1.313
Object Temperature (°C) 物体温度	0	-0.662	-0.726	-0.790	-0.855	-0.920	-0.986	-1.053	-1.120	-1.188	-1.257
	1	-0.605	-0.669	-0.733	-0.798	-0.863	-0.930	-0.996	-1.064	-1.132	-1.200
	2	-0.548	-0.611	-0.676	-0.741	-0.806	-0.873	-0.939	-1.007	-1.075	-1.143
	3	-0.489	-0.553	-0.618	-0.683	-0.748	-0.814	-0.881	-0.949	-1.017	-1.085
	4	-0.430	-0.494	-0.559	-0.624	-0.689	-0.756	-0.822	-0.890	-0.958	-1.027
	5	-0.371	-0.434	-0.499	-0.564	-0.630	-0.696	-0.763	-0.830	-0.898	-0.967
	6	-0.311	-0.375	-0.439	-0.504	-0.570	-0.636	-0.703	-0.771	-0.839	-0.907
	7	-0.250	-0.314	-0.378	-0.443	-0.509	-0.575	-0.642	-0.710	-0.778	-0.847
	8	-0.188	-0.252	-0.317	-0.382	-0.448	-0.514	-0.581	-0.649	-0.717	-0.786

DONG QING CORPORATION

9	-0.126	-0.190	-0.255	-0.320	-0.386	-0.452	-0.519	-0.587	-0.655	-0.724
10	-0.063	-0.127	-0.192	-0.257	-0.323	-0.389	-0.457	-0.524	-0.592	-0.661
11	0.000	-0.064	-0.129	-0.194	-0.260	-0.326	-0.394	-0.461	-0.530	-0.599
12	0.064	0.000	-0.065	-0.130	-0.196	-0.263	-0.330	-0.398	-0.466	-0.535
13	0.129	0.065	0.000	-0.065	-0.131	-0.198	-0.265	-0.333	-0.401	-0.471
14	0.195	0.130	0.065	0.000	-0.066	-0.133	-0.200	-0.268	-0.337	-0.406
15	0.261	0.197	0.132	0.066	0.000	-0.067	-0.134	-0.202	-0.271	-0.340
16	0.328	0.264	0.199	0.133	0.067	0.000	-0.067	-0.135	-0.204	-0.273
17	0.396	0.332	0.266	0.201	0.134	0.068	0.000	-0.068	-0.137	-0.206
18	0.465	0.401	0.335	0.270	0.203	0.136	0.068	0.000	-0.069	-0.139
19	0.535	0.471	0.405	0.339	0.273	0.205	0.138	0.069	0.000	-0.070
20	0.607	0.542	0.477	0.410	0.344	0.276	0.208	0.139	0.070	0.000
21	0.675	0.610	0.545	0.479	0.412	0.345	0.277	0.209	0.140	0.070
22	0.743	0.678	0.613	0.548	0.481	0.414	0.347	0.279	0.210	0.141
23	0.810	0.746	0.682	0.616	0.550	0.484	0.416	0.349	0.280	0.211
24	0.878	0.814	0.750	0.685	0.619	0.553	0.486	0.418	0.350	0.281
25	0.946	0.883	0.818	0.753	0.688	0.622	0.555	0.488	0.420	0.352
26	1.014	0.951	0.887	0.822	0.757	0.692	0.625	0.558	0.491	0.422
27	1.083	1.019	0.956	0.891	0.827	0.761	0.695	0.628	0.561	0.493
28	1.151	1.088	1.025	0.961	0.896	0.831	0.765	0.698	0.631	0.564
29	1.219	1.157	1.093	1.030	0.965	0.900	0.835	0.769	0.702	0.634
30	1.288	1.225	1.162	1.099	1.035	0.970	0.905	0.839	0.772	0.705
31	1.366	1.303	1.240	1.177	1.112	1.047	0.982	0.916	0.849	0.782
32	1.446	1.384	1.320	1.256	1.192	1.127	1.061	0.994	0.927	0.860
33	1.524	1.461	1.398	1.334	1.269	1.204	1.138	1.072	1.005	0.937
34	1.604	1.541	1.477	1.413	1.348	1.283	1.217	1.150	1.083	1.015
35	1.682	1.619	1.556	1.492	1.427	1.361	1.295	1.229	1.161	1.094
36	1.762	1.699	1.635	1.571	1.506	1.440	1.374	1.308	1.240	1.173
37	1.842	1.779	1.715	1.651	1.586	1.520	1.454	1.388	1.320	1.252
38	1.923	1.860	1.796	1.732	1.667	1.601	1.535	1.468	1.401	1.333
39	2.005	1.942	1.878	1.813	1.748	1.683	1.617	1.550	1.482	1.414
40	2.088	2.025	1.961	1.896	1.831	1.766	1.699	1.633	1.565	1.497
41	2.170	2.107	2.043	1.979	1.913	1.848	1.782	1.715	1.647	1.579
42	2.253	2.190	2.126	2.061	1.996	1.931	1.864	1.797	1.730	1.662

DONG QING CORPORATION

	43	2.337	2.273	2.209	2.145	2.080	2.014	1.948	1.881	1.813	1.745
	44	2.421	2.358	2.294	2.229	2.164	2.098	2.032	1.965	1.898	1.830
	45	2.506	2.443	2.379	2.314	2.249	2.183	2.117	2.050	1.983	1.915
	46	2.592	2.528	2.464	2.400	2.335	2.269	2.203	2.136	2.068	2.000
	47	2.678	2.615	2.551	2.486	2.421	2.356	2.289	2.222	2.155	2.087
	48	2.765	2.702	2.638	2.574	2.509	2.443	2.376	2.310	2.242	2.174
	49	2.853	2.790	2.726	2.662	2.596	2.531	2.464	2.397	2.330	2.262
	50	2.942	2.879	2.815	2.750	2.685	2.619	2.553	2.486	2.419	2.350
Object Temperature (°C) 物体温度	51	3.031	2.967	2.903	2.839	2.774	2.708	2.642	2.575	2.507	2.439
	52	3.119	3.056	2.992	2.927	2.862	2.797	2.730	2.663	2.596	2.528
	53	3.208	3.145	3.081	3.016	2.951	2.886	2.819	2.753	2.685	2.617
	54	3.300	3.236	3.173	3.108	3.043	2.977	2.911	2.844	2.777	2.708
	55	3.392	3.329	3.265	3.200	3.135	3.070	3.003	2.936	2.869	2.801
	56	3.485	3.422	3.358	3.294	3.228	3.163	3.096	3.030	2.962	2.894
	57	3.579	3.516	3.452	3.388	3.322	3.257	3.190	3.123	3.056	2.988
	58	3.674	3.611	3.547	3.482	3.417	3.351	3.285	3.218	3.151	3.082
	59	3.766	3.703	3.639	3.574	3.509	3.444	3.377	3.311	3.243	3.175
	60	3.860	3.797	3.733	3.668	3.603	3.538	3.472	3.405	3.337	3.269
	61	3.956	3.892	3.829	3.764	3.699	3.634	3.567	3.500	3.433	3.365
	62	4.051	3.988	3.924	3.860	3.795	3.729	3.663	3.596	3.529	3.460
	63	4.149	4.086	4.022	3.958	3.893	3.827	3.761	3.694	3.627	3.559
	64	4.243	4.180	4.116	4.052	3.987	3.921	3.855	3.788	3.721	3.653
	65	4.343	4.280	4.216	4.152	4.087	4.021	3.955	3.888	3.821	3.753
	66	4.444	4.380	4.317	4.252	4.187	4.122	4.056	3.989	3.921	3.854
	67	4.545	4.482	4.418	4.354	4.289	4.223	4.157	4.090	4.023	3.955
	68	4.644	4.581	4.517	4.453	4.388	4.322	4.256	4.189	4.122	4.054
	69	4.743	4.680	4.616	4.552	4.487	4.421	4.355	4.289	4.221	4.153
	70	4.844	4.781	4.717	4.653	4.588	4.522	4.456	4.390	4.322	4.255
	71	4.948	4.885	4.821	4.757	4.692	4.627	4.561	4.494	4.427	4.359
	72	5.051	4.987	4.924	4.860	4.795	4.729	4.663	4.597	4.530	4.462
	73	5.154	5.091	5.027	4.963	4.898	4.833	4.767	4.700	4.633	4.565
	74	5.257	5.194	5.131	5.067	5.002	4.937	4.871	4.804	4.737	4.669
	75	5.359	5.296	5.232	5.168	5.103	5.038	4.972	4.906	4.839	4.771
	76	5.467	5.404	5.341	5.277	5.212	5.147	5.081	5.014	4.947	4.879

DONG QING CORPORATION

77	5.576	5.513	5.450	5.386	5.321	5.256	5.190	5.123	5.056	4.989
78	5.683	5.620	5.557	5.493	5.428	5.363	5.297	5.230	5.163	5.096
79	5.791	5.728	5.664	5.600	5.536	5.470	5.404	5.338	5.271	5.203
80	5.899	5.836	5.772	5.708	5.644	5.579	5.513	5.446	5.379	5.312
81	6.008	5.945	5.881	5.817	5.753	5.688	5.622	5.556	5.489	5.421
82	6.117	6.054	5.991	5.927	5.863	5.797	5.732	5.665	5.598	5.531
83	6.228	6.165	6.102	6.038	5.973	5.908	5.842	5.776	5.709	5.641
84	6.339	6.276	6.213	6.149	6.084	6.019	5.954	5.887	5.820	5.753
85	6.443	6.380	6.317	6.253	6.189	6.124	6.058	5.992	5.925	5.858
86	6.559	6.497	6.433	6.370	6.305	6.240	6.175	6.108	6.042	5.974
87	6.676	6.614	6.551	6.487	6.422	6.357	6.292	6.226	6.159	6.091
88	6.791	6.728	6.665	6.601	6.537	6.472	6.406	6.340	6.273	6.206
89	6.905	6.843	6.780	6.716	6.652	6.587	6.521	6.455	6.388	6.321
90	7.012	6.950	6.887	6.823	6.759	6.694	6.629	6.563	6.496	6.429
91	7.133	7.071	7.007	6.944	6.880	6.815	6.749	6.683	6.617	6.549
92	7.250	7.188	7.125	7.061	6.997	6.932	6.867	6.800	6.734	6.667
93	7.368	7.305	7.242	7.179	7.115	7.050	6.984	6.918	6.852	6.785
94	7.486	7.424	7.361	7.297	7.233	7.169	7.103	7.037	6.971	6.904
95	7.601	7.539	7.476	7.412	7.348	7.284	7.218	7.152	7.086	7.019
96	7.721	7.659	7.596	7.532	7.468	7.404	7.339	7.273	7.206	7.139
97	7.837	7.775	7.712	7.649	7.585	7.520	7.455	7.389	7.323	7.256
98	7.959	7.896	7.834	7.770	7.706	7.642	7.577	7.511	7.445	7.378
99	8.081	8.019	7.956	7.893	7.829	7.764	7.699	7.633	7.567	7.500
100	8.199	8.137	8.074	8.011	7.947	7.883	7.817	7.752	7.686	7.619

DONG QING CORPORATION

Thermopile Output Voltage [mV] (输出电压 [mV])		Typical Output Voltage (DQ83) (典型输出电压(DQ83))									
		Thermistor Temperature (°C) (热敏电阻温度)									
		21	22	23	24	25	26	27	28	29	30
Object Temperature (°C) 物体温度	-20	-2.326	-2.394	-2.464	-2.534	-2.604	-2.676	-2.747	-2.820	-2.893	-2.967
	-19	-2.282	-2.350	-2.420	-2.490	-2.560	-2.632	-2.704	-2.776	-2.849	-2.923
	-18	-2.237	-2.306	-2.375	-2.445	-2.516	-2.587	-2.659	-2.732	-2.805	-2.879
	-17	-2.191	-2.260	-2.330	-2.400	-2.471	-2.542	-2.614	-2.687	-2.760	-2.834
	-16	-2.145	-2.214	-2.284	-2.354	-2.425	-2.497	-2.569	-2.642	-2.715	-2.789
	-15	-2.099	-2.168	-2.238	-2.308	-2.379	-2.450	-2.523	-2.596	-2.669	-2.743
	-14	-2.052	-2.121	-2.191	-2.261	-2.332	-2.404	-2.476	-2.549	-2.622	-2.697
	-13	-2.004	-2.073	-2.143	-2.214	-2.285	-2.356	-2.429	-2.502	-2.575	-2.650
	-12	-1.956	-2.025	-2.095	-2.166	-2.237	-2.308	-2.381	-2.454	-2.528	-2.602
	-11	-1.907	-1.976	-2.046	-2.117	-2.188	-2.260	-2.332	-2.405	-2.479	-2.554
	-10	-1.858	-1.927	-1.997	-2.068	-2.139	-2.211	-2.283	-2.356	-2.430	-2.505
	-9	-1.807	-1.877	-1.947	-2.017	-2.089	-2.161	-2.233	-2.306	-2.380	-2.455
	-8	-1.756	-1.826	-1.896	-1.966	-2.038	-2.110	-2.182	-2.256	-2.329	-2.404
	-7	-1.705	-1.774	-1.844	-1.915	-1.986	-2.058	-2.131	-2.204	-2.278	-2.353
	-6	-1.652	-1.722	-1.792	-1.863	-1.934	-2.006	-2.079	-2.152	-2.226	-2.301
	-5	-1.600	-1.669	-1.739	-1.810	-1.882	-1.954	-2.026	-2.100	-2.174	-2.249
	-4	-1.546	-1.616	-1.686	-1.757	-1.828	-1.900	-1.973	-2.047	-2.121	-2.196
	-3	-1.492	-1.562	-1.632	-1.703	-1.774	-1.847	-1.919	-1.993	-2.067	-2.142
	-2	-1.437	-1.507	-1.577	-1.648	-1.720	-1.792	-1.865	-1.939	-2.013	-2.088
	-1	-1.382	-1.452	-1.522	-1.593	-1.665	-1.737	-1.810	-1.884	-1.958	-2.033
Object Temperature (°C) 物体温度	0	-1.326	-1.396	-1.466	-1.537	-1.609	-1.681	-1.754	-1.828	-1.902	-1.977
	1	-1.269	-1.339	-1.410	-1.481	-1.552	-1.625	-1.698	-1.772	-1.846	-1.921
	2	-1.213	-1.283	-1.353	-1.424	-1.496	-1.569	-1.642	-1.715	-1.790	-1.865
	3	-1.155	-1.225	-1.295	-1.366	-1.438	-1.511	-1.584	-1.658	-1.732	-1.807
	4	-1.096	-1.166	-1.237	-1.308	-1.380	-1.452	-1.525	-1.599	-1.674	-1.749
	5	-1.036	-1.106	-1.177	-1.248	-1.320	-1.392	-1.465	-1.539	-1.614	-1.689
	6	-0.977	-1.047	-1.118	-1.189	-1.261	-1.333	-1.407	-1.480	-1.555	-1.630
	7	-0.916	-0.986	-1.057	-1.128	-1.200	-1.273	-1.346	-1.420	-1.495	-1.570
	8	-0.855	-0.925	-0.996	-1.067	-1.139	-1.212	-1.285	-1.359	-1.434	-1.509

DONG QING CORPORATION

9	-0.794	-0.864	-0.935	-1.006	-1.078	-1.151	-1.224	-1.298	-1.373	-1.449
10	-0.731	-0.801	-0.872	-0.943	-1.015	-1.088	-1.161	-1.235	-1.310	-1.385
11	-0.668	-0.738	-0.809	-0.881	-0.953	-1.026	-1.099	-1.173	-1.248	-1.323
12	-0.605	-0.675	-0.746	-0.818	-0.890	-0.963	-1.036	-1.110	-1.185	-1.261
13	-0.540	-0.611	-0.682	-0.753	-0.825	-0.898	-0.972	-1.046	-1.121	-1.197
14	-0.476	-0.546	-0.617	-0.689	-0.761	-0.834	-0.908	-0.982	-1.057	-1.133
15	-0.410	-0.480	-0.551	-0.623	-0.696	-0.769	-0.842	-0.917	-0.992	-1.067
16	-0.343	-0.414	-0.485	-0.557	-0.629	-0.703	-0.776	-0.851	-0.926	-1.002
17	-0.276	-0.347	-0.418	-0.490	-0.563	-0.636	-0.710	-0.785	-0.860	-0.936
18	-0.209	-0.280	-0.351	-0.423	-0.496	-0.569	-0.643	-0.718	-0.794	-0.870
19	-0.140	-0.211	-0.283	-0.355	-0.428	-0.502	-0.576	-0.651	-0.726	-0.803
20	-0.071	-0.142	-0.214	-0.286	-0.359	-0.433	-0.508	-0.583	-0.659	-0.735
21	0.000	-0.071	-0.143	-0.215	-0.288	-0.361	-0.435	-0.510	-0.586	-0.662
22	0.071	0.000	-0.071	-0.143	-0.216	-0.289	-0.363	-0.437	-0.513	-0.588
23	0.141	0.071	0.000	-0.072	-0.144	-0.217	-0.290	-0.365	-0.439	-0.515
24	0.212	0.142	0.071	0.000	-0.072	-0.145	-0.218	-0.292	-0.366	-0.441
25	0.283	0.213	0.143	0.072	0.000	-0.072	-0.145	-0.219	-0.293	-0.368
26	0.354	0.284	0.214	0.143	0.072	0.000	-0.073	-0.146	-0.220	-0.294
27	0.424	0.355	0.286	0.215	0.144	0.072	0.000	-0.073	-0.147	-0.221
28	0.495	0.427	0.357	0.287	0.216	0.145	0.073	0.000	-0.073	-0.147
29	0.566	0.498	0.429	0.359	0.288	0.217	0.145	0.073	0.000	-0.074
30	0.638	0.569	0.500	0.431	0.360	0.290	0.218	0.146	0.073	0.000
31	0.714	0.645	0.576	0.506	0.436	0.365	0.293	0.221	0.148	0.074
32	0.792	0.723	0.653	0.583	0.513	0.441	0.369	0.297	0.224	0.150
33	0.869	0.800	0.730	0.660	0.589	0.518	0.446	0.373	0.300	0.226
34	0.947	0.878	0.808	0.738	0.667	0.596	0.523	0.451	0.377	0.303
35	1.025	0.956	0.886	0.816	0.745	0.673	0.601	0.528	0.455	0.381
36	1.104	1.035	0.965	0.895	0.824	0.752	0.680	0.607	0.533	0.459
37	1.184	1.115	1.045	0.974	0.903	0.832	0.759	0.686	0.613	0.538
38	1.264	1.195	1.125	1.055	0.984	0.912	0.840	0.766	0.693	0.618
39	1.346	1.276	1.206	1.136	1.065	0.993	0.921	0.847	0.774	0.699
40	1.428	1.359	1.289	1.218	1.147	1.075	1.003	0.930	0.856	0.781
41	1.510	1.441	1.371	1.300	1.229	1.157	1.085	1.011	0.938	0.863
42	1.593	1.524	1.454	1.383	1.312	1.240	1.167	1.094	1.020	0.946

DONG QING CORPORATION

	43	1.677	1.607	1.537	1.467	1.395	1.323	1.251	1.178	1.104	1.029
	44	1.761	1.691	1.621	1.551	1.479	1.408	1.335	1.262	1.188	1.113
	45	1.846	1.776	1.706	1.636	1.564	1.492	1.420	1.347	1.273	1.198
	46	1.931	1.862	1.792	1.721	1.650	1.578	1.506	1.432	1.358	1.284
	47	2.018	1.948	1.878	1.808	1.736	1.664	1.592	1.519	1.445	1.370
	48	2.105	2.036	1.966	1.895	1.824	1.752	1.679	1.606	1.532	1.457
	49	2.193	2.123	2.053	1.983	1.911	1.839	1.767	1.694	1.620	1.545
	50	2.282	2.212	2.142	2.071	2.000	1.928	1.855	1.782	1.708	1.634
Object Temperature (°C) 物体温度	51	2.370	2.301	2.231	2.160	2.089	2.017	1.944	1.871	1.797	1.722
	52	2.459	2.389	2.319	2.249	2.178	2.106	2.033	1.960	1.886	1.811
	53	2.548	2.479	2.409	2.338	2.267	2.195	2.123	2.049	1.976	1.901
	54	2.640	2.570	2.500	2.430	2.358	2.287	2.214	2.141	2.067	1.993
	55	2.732	2.663	2.593	2.522	2.451	2.379	2.306	2.233	2.159	2.085
	56	2.825	2.756	2.686	2.615	2.544	2.472	2.399	2.326	2.252	2.178
	57	2.919	2.850	2.780	2.709	2.638	2.566	2.493	2.420	2.346	2.272
	58	3.014	2.944	2.874	2.803	2.732	2.660	2.588	2.514	2.441	2.366
	59	3.106	3.037	2.967	2.896	2.825	2.753	2.681	2.607	2.534	2.459
	60	3.200	3.131	3.061	2.991	2.919	2.847	2.775	2.702	2.628	2.554
	61	3.296	3.227	3.157	3.086	3.015	2.943	2.871	2.798	2.724	2.650
	62	3.392	3.323	3.253	3.182	3.111	3.039	2.967	2.894	2.820	2.745
	63	3.490	3.421	3.351	3.280	3.209	3.137	3.065	2.992	2.918	2.844
	64	3.584	3.515	3.445	3.375	3.304	3.232	3.160	3.087	3.013	2.939
	65	3.684	3.615	3.545	3.475	3.404	3.332	3.260	3.187	3.113	3.039
	66	3.785	3.716	3.646	3.575	3.504	3.433	3.360	3.287	3.213	3.139
	67	3.886	3.817	3.747	3.677	3.606	3.534	3.462	3.388	3.315	3.240
	68	3.986	3.916	3.847	3.776	3.705	3.633	3.561	3.488	3.414	3.340
	69	4.085	4.016	3.946	3.876	3.805	3.733	3.661	3.588	3.514	3.440
	70	4.186	4.117	4.047	3.977	3.906	3.834	3.762	3.689	3.616	3.541
	71	4.291	4.221	4.152	4.081	4.010	3.939	3.866	3.794	3.720	3.646
	72	4.393	4.324	4.254	4.184	4.113	4.042	3.969	3.896	3.823	3.749
	73	4.497	4.428	4.358	4.288	4.217	4.145	4.073	4.000	3.927	3.852
	74	4.601	4.532	4.462	4.392	4.321	4.249	4.177	4.104	4.031	3.957
	75	4.703	4.634	4.564	4.494	4.423	4.352	4.280	4.207	4.134	4.060
	76	4.811	4.742	4.673	4.602	4.532	4.460	4.388	4.315	4.242	4.168

DONG QING CORPORATION

77	4.920	4.851	4.782	4.712	4.641	4.569	4.497	4.424	4.351	4.277
78	5.027	4.958	4.889	4.819	4.748	4.676	4.604	4.532	4.458	4.384
79	5.135	5.066	4.997	4.926	4.856	4.784	4.712	4.640	4.566	4.492
80	5.244	5.175	5.105	5.035	4.964	4.893	4.821	4.748	4.675	4.601
81	5.353	5.284	5.214	5.144	5.074	5.002	4.930	4.858	4.784	4.711
82	5.463	5.394	5.324	5.254	5.184	5.112	5.040	4.968	4.895	4.821
83	5.573	5.505	5.435	5.365	5.295	5.223	5.151	5.079	5.006	4.932
84	5.685	5.616	5.547	5.477	5.406	5.335	5.263	5.190	5.117	5.043
85	5.790	5.721	5.652	5.582	5.512	5.441	5.369	5.296	5.223	5.150
86	5.906	5.838	5.768	5.698	5.628	5.557	5.485	5.413	5.340	5.266
87	6.023	5.955	5.886	5.816	5.745	5.674	5.602	5.530	5.457	5.383
88	6.138	6.069	6.000	5.930	5.860	5.789	5.717	5.644	5.571	5.498
89	6.253	6.184	6.115	6.045	5.975	5.904	5.832	5.760	5.687	5.613
90	6.361	6.293	6.224	6.154	6.084	6.013	5.941	5.869	5.796	5.722
91	6.482	6.413	6.344	6.274	6.204	6.133	6.061	5.989	5.916	5.843
92	6.599	6.530	6.461	6.392	6.321	6.250	6.179	6.107	6.034	5.960
93	6.717	6.649	6.580	6.510	6.440	6.369	6.297	6.225	6.152	6.079
94	6.836	6.767	6.698	6.629	6.559	6.488	6.416	6.344	6.271	6.198
95	6.951	6.883	6.814	6.744	6.674	6.603	6.532	6.460	6.387	6.314
96	7.072	7.003	6.934	6.865	6.795	6.724	6.653	6.581	6.508	6.435
97	7.188	7.120	7.051	6.982	6.912	6.841	6.770	6.698	6.625	6.552
98	7.310	7.242	7.173	7.104	7.034	6.963	6.892	6.820	6.747	6.674
99	7.433	7.364	7.296	7.226	7.156	7.086	7.014	6.943	6.870	6.797
100	7.551	7.483	7.415	7.345	7.275	7.205	7.134	7.062	6.989	6.916

DONG QING CORPORATION

Thermopile Output Voltage [mV] (输出电压 [mV])		Typical Output Voltage (DQ83) (典型输出电压(DQ83))									
		Thermistor Temperature (°C) (热敏电阻温度)									
		31	32	33	34	35	36	37	38	39	40
Object Temperature (°C) 物体温度	-20	-3.041	-3.116	-3.192	-3.269	-3.346	-3.423	-3.502	-3.581	-3.661	-3.741
	-19	-2.998	-3.073	-3.149	-3.225	-3.302	-3.380	-3.459	-3.538	-3.618	-3.698
	-18	-2.954	-3.029	-3.105	-3.181	-3.259	-3.336	-3.415	-3.494	-3.574	-3.655
	-17	-2.909	-2.984	-3.060	-3.137	-3.214	-3.292	-3.371	-3.450	-3.530	-3.611
	-16	-2.864	-2.939	-3.015	-3.092	-3.169	-3.247	-3.326	-3.405	-3.485	-3.566
	-15	-2.818	-2.893	-2.969	-3.046	-3.124	-3.202	-3.280	-3.360	-3.440	-3.521
	-14	-2.771	-2.847	-2.923	-3.000	-3.077	-3.156	-3.234	-3.314	-3.394	-3.475
	-13	-2.724	-2.800	-2.876	-2.953	-3.031	-3.109	-3.188	-3.267	-3.348	-3.429
	-12	-2.677	-2.752	-2.829	-2.906	-2.983	-3.062	-3.141	-3.220	-3.301	-3.382
	-11	-2.629	-2.704	-2.781	-2.858	-2.935	-3.014	-3.093	-3.173	-3.253	-3.334
	-10	-2.580	-2.656	-2.732	-2.809	-2.887	-2.965	-3.044	-3.124	-3.205	-3.286
	-9	-2.530	-2.606	-2.682	-2.759	-2.837	-2.916	-2.995	-3.075	-3.155	-3.236
	-8	-2.479	-2.555	-2.632	-2.709	-2.787	-2.865	-2.944	-3.024	-3.105	-3.186
	-7	-2.428	-2.504	-2.581	-2.658	-2.736	-2.814	-2.894	-2.974	-3.054	-3.135
	-6	-2.376	-2.452	-2.529	-2.606	-2.684	-2.763	-2.842	-2.922	-3.003	-3.084
	-5	-2.324	-2.400	-2.477	-2.554	-2.632	-2.711	-2.790	-2.870	-2.951	-3.032
	-4	-2.271	-2.347	-2.424	-2.501	-2.579	-2.658	-2.737	-2.817	-2.898	-2.980
	-3	-2.217	-2.293	-2.370	-2.448	-2.526	-2.605	-2.684	-2.764	-2.845	-2.927
	-2	-2.163	-2.239	-2.316	-2.394	-2.472	-2.551	-2.630	-2.710	-2.791	-2.873
	-1	-2.108	-2.185	-2.261	-2.339	-2.417	-2.496	-2.576	-2.656	-2.737	-2.818
Object Temperature (°C) 物体温度	0	-2.053	-2.129	-2.206	-2.284	-2.362	-2.441	-2.521	-2.601	-2.682	-2.764
	1	-1.996	-2.073	-2.150	-2.227	-2.306	-2.385	-2.464	-2.545	-2.626	-2.707
	2	-1.941	-2.017	-2.094	-2.172	-2.250	-2.329	-2.409	-2.489	-2.570	-2.652
	3	-1.883	-1.959	-2.036	-2.114	-2.193	-2.272	-2.351	-2.432	-2.513	-2.595
	4	-1.825	-1.901	-1.978	-2.056	-2.134	-2.214	-2.293	-2.374	-2.455	-2.537
	5	-1.765	-1.841	-1.918	-1.996	-2.074	-2.154	-2.233	-2.314	-2.395	-2.477
	6	-1.706	-1.783	-1.860	-1.938	-2.016	-2.095	-2.175	-2.256	-2.337	-2.419
	7	-1.646	-1.722	-1.800	-1.878	-1.956	-2.035	-2.115	-2.196	-2.277	-2.359
	8	-1.585	-1.662	-1.739	-1.817	-1.895	-1.975	-2.055	-2.135	-2.217	-2.299

DONG QING CORPORATION

9	-1.525	-1.601	-1.679	-1.757	-1.835	-1.915	-1.995	-2.075	-2.157	-2.239
10	-1.461	-1.538	-1.615	-1.693	-1.772	-1.852	-1.932	-2.012	-2.094	-2.176
11	-1.400	-1.476	-1.554	-1.632	-1.711	-1.790	-1.870	-1.951	-2.033	-2.115
12	-1.337	-1.414	-1.491	-1.569	-1.648	-1.728	-1.808	-1.889	-1.971	-2.053
13	-1.273	-1.350	-1.427	-1.505	-1.584	-1.664	-1.744	-1.825	-1.907	-1.989
14	-1.209	-1.286	-1.364	-1.442	-1.521	-1.601	-1.682	-1.763	-1.844	-1.927
15	-1.144	-1.221	-1.299	-1.377	-1.456	-1.536	-1.616	-1.697	-1.779	-1.862
16	-1.078	-1.155	-1.233	-1.312	-1.391	-1.471	-1.551	-1.632	-1.714	-1.797
17	-1.012	-1.090	-1.168	-1.246	-1.325	-1.405	-1.486	-1.567	-1.650	-1.732
18	-0.946	-1.024	-1.102	-1.181	-1.260	-1.340	-1.421	-1.503	-1.585	-1.668
19	-0.879	-0.957	-1.035	-1.114	-1.194	-1.274	-1.355	-1.437	-1.519	-1.603
20	-0.813	-0.890	-0.969	-1.048	-1.128	-1.209	-1.290	-1.372	-1.455	-1.538
21	-0.739	-0.816	-0.894	-0.973	-1.053	-1.133	-1.214	-1.296	-1.378	-1.461
22	-0.665	-0.742	-0.820	-0.899	-0.978	-1.058	-1.138	-1.220	-1.302	-1.384
23	-0.591	-0.668	-0.745	-0.824	-0.903	-0.982	-1.062	-1.143	-1.225	-1.307
24	-0.517	-0.594	-0.671	-0.749	-0.827	-0.907	-0.987	-1.067	-1.148	-1.230
25	-0.443	-0.520	-0.596	-0.674	-0.752	-0.831	-0.911	-0.991	-1.072	-1.153
26	-0.370	-0.445	-0.522	-0.599	-0.677	-0.756	-0.835	-0.915	-0.995	-1.077
27	-0.296	-0.371	-0.448	-0.525	-0.602	-0.680	-0.759	-0.839	-0.919	-1.000
28	-0.222	-0.297	-0.373	-0.450	-0.527	-0.605	-0.683	-0.763	-0.843	-0.923
29	-0.148	-0.223	-0.299	-0.375	-0.452	-0.529	-0.608	-0.687	-0.766	-0.847
30	-0.074	-0.149	-0.224	-0.300	-0.377	-0.454	-0.532	-0.610	-0.690	-0.770
31	0.000	-0.075	-0.150	-0.227	-0.304	-0.381	-0.459	-0.538	-0.618	-0.698
32	0.075	0.000	-0.076	-0.152	-0.230	-0.307	-0.386	-0.465	-0.545	-0.625
33	0.151	0.076	0.000	-0.077	-0.154	-0.232	-0.310	-0.390	-0.470	-0.550
34	0.228	0.153	0.077	0.000	-0.077	-0.155	-0.234	-0.314	-0.394	-0.475
35	0.306	0.230	0.154	0.077	0.000	-0.078	-0.157	-0.236	-0.317	-0.397
36	0.384	0.309	0.233	0.156	0.078	0.000	-0.079	-0.158	-0.239	-0.320
37	0.463	0.388	0.312	0.235	0.157	0.079	0.000	-0.080	-0.160	-0.241
38	0.543	0.468	0.392	0.315	0.237	0.159	0.080	0.000	-0.080	-0.161
39	0.624	0.549	0.472	0.395	0.318	0.239	0.160	0.080	0.000	-0.081
40	0.706	0.630	0.554	0.477	0.399	0.321	0.241	0.162	0.081	0.000
41	0.788	0.712	0.636	0.559	0.481	0.402	0.323	0.244	0.163	0.082
42	0.871	0.795	0.719	0.641	0.564	0.485	0.406	0.326	0.246	0.164

DONG QING CORPORATION

	43	0.954	0.878	0.802	0.725	0.647	0.568	0.489	0.409	0.329	0.248
	44	1.038	0.962	0.886	0.809	0.731	0.653	0.573	0.494	0.413	0.332
	45	1.123	1.047	0.971	0.894	0.816	0.737	0.658	0.578	0.498	0.417
	46	1.209	1.133	1.056	0.979	0.901	0.823	0.744	0.664	0.583	0.502
	47	1.295	1.219	1.143	1.066	0.988	0.909	0.830	0.750	0.670	0.588
	48	1.382	1.306	1.230	1.153	1.075	0.996	0.917	0.837	0.757	0.675
	49	1.470	1.394	1.318	1.240	1.162	1.084	1.005	0.925	0.844	0.763
	50	1.558	1.483	1.406	1.329	1.251	1.172	1.093	1.013	0.933	0.851
Object Temperature (°C) 物体温度	51	1.647	1.571	1.495	1.418	1.340	1.261	1.182	1.102	1.022	0.940
	52	1.736	1.660	1.584	1.507	1.429	1.350	1.271	1.191	1.111	1.030
	53	1.826	1.750	1.674	1.597	1.519	1.440	1.361	1.281	1.201	1.120
	54	1.917	1.842	1.765	1.688	1.610	1.532	1.453	1.373	1.292	1.211
	55	2.010	1.934	1.857	1.780	1.702	1.624	1.545	1.465	1.384	1.303
	56	2.103	2.027	1.950	1.873	1.795	1.717	1.638	1.558	1.477	1.396
	57	2.196	2.121	2.044	1.967	1.889	1.811	1.731	1.651	1.571	1.490
	58	2.291	2.215	2.139	2.061	1.984	1.905	1.826	1.746	1.665	1.584
	59	2.384	2.308	2.232	2.155	2.077	1.998	1.919	1.840	1.759	1.678
	60	2.479	2.403	2.326	2.249	2.172	2.093	2.014	1.934	1.854	1.773
	61	2.575	2.499	2.422	2.345	2.268	2.189	2.110	2.030	1.950	1.869
	62	2.670	2.595	2.518	2.441	2.364	2.285	2.206	2.127	2.046	1.965
	63	2.769	2.693	2.617	2.540	2.462	2.384	2.304	2.225	2.144	2.063
	64	2.864	2.788	2.712	2.635	2.557	2.479	2.400	2.321	2.240	2.159
	65	2.964	2.888	2.812	2.735	2.657	2.579	2.500	2.420	2.340	2.259
	66	3.064	2.988	2.912	2.835	2.758	2.679	2.600	2.521	2.440	2.359
	67	3.165	3.090	3.014	2.937	2.859	2.781	2.702	2.622	2.542	2.461
	68	3.265	3.190	3.113	3.036	2.959	2.881	2.802	2.722	2.642	2.561
	69	3.365	3.289	3.213	3.136	3.059	2.981	2.902	2.822	2.742	2.661
	70	3.467	3.391	3.315	3.238	3.161	3.082	3.004	2.924	2.844	2.763
	71	3.571	3.495	3.419	3.342	3.265	3.187	3.108	3.028	2.948	2.867
	72	3.674	3.598	3.522	3.446	3.368	3.290	3.211	3.132	3.051	2.971
	73	3.778	3.702	3.626	3.549	3.472	3.394	3.315	3.236	3.156	3.075
	74	3.882	3.807	3.731	3.654	3.577	3.498	3.420	3.340	3.260	3.179
	75	3.985	3.910	3.834	3.757	3.680	3.602	3.523	3.444	3.364	3.283
	76	4.093	4.018	3.942	3.865	3.788	3.710	3.631	3.552	3.472	3.391

DONG QING CORPORATION

77	4.202	4.127	4.051	3.974	3.897	3.819	3.740	3.661	3.581	3.500
78	4.310	4.234	4.158	4.082	4.004	3.926	3.848	3.768	3.688	3.608
79	4.418	4.342	4.266	4.190	4.113	4.035	3.956	3.877	3.797	3.716
80	4.526	4.451	4.375	4.299	4.222	4.144	4.065	3.986	3.906	3.825
81	4.636	4.561	4.485	4.408	4.331	4.253	4.175	4.096	4.016	3.935
82	4.746	4.671	4.595	4.519	4.442	4.364	4.285	4.206	4.126	4.046
83	4.857	4.782	4.706	4.630	4.553	4.475	4.397	4.317	4.238	4.157
84	4.969	4.894	4.818	4.742	4.665	4.587	4.509	4.429	4.350	4.269
85	5.075	5.000	4.925	4.848	4.772	4.694	4.616	4.537	4.457	4.377
86	5.192	5.117	5.041	4.965	4.888	4.810	4.732	4.653	4.573	4.493
87	5.309	5.234	5.158	5.082	5.005	4.927	4.849	4.770	4.690	4.610
88	5.423	5.348	5.273	5.197	5.120	5.042	4.964	4.885	4.805	4.725
89	5.539	5.464	5.388	5.312	5.235	5.158	5.079	5.001	4.921	4.841
90	5.648	5.573	5.498	5.422	5.345	5.268	5.190	5.111	5.031	4.951
91	5.769	5.694	5.618	5.542	5.465	5.388	5.310	5.231	5.152	5.072
92	5.886	5.811	5.736	5.660	5.583	5.506	5.428	5.349	5.270	5.190
93	6.005	5.930	5.855	5.779	5.702	5.624	5.546	5.468	5.388	5.308
94	6.124	6.049	5.974	5.898	5.821	5.744	5.666	5.587	5.508	5.428
95	6.240	6.165	6.090	6.014	5.938	5.860	5.782	5.704	5.625	5.545
96	6.361	6.286	6.211	6.135	6.058	5.981	5.903	5.825	5.746	5.666
97	6.478	6.404	6.328	6.253	6.176	6.099	6.021	5.943	5.864	5.784
98	6.600	6.526	6.451	6.375	6.298	6.221	6.144	6.065	5.986	5.906
99	6.723	6.649	6.574	6.498	6.421	6.344	6.267	6.188	6.109	6.030
100	6.843	6.768	6.693	6.618	6.541	6.464	6.387	6.308	6.229	6.150

DONG QING CORPORATION

Thermopile Output Voltage [mV] (输出电压 [mV])		Typical Output Voltage (DQ83) (典型输出电压(DQ83))									
		Thermistor Temperature (°C) (热敏电阻温度)									
		41	42	43	44	45	46	47	48	49	50
Object Temperature (°C) 物体温度	-20	-3.822	-3.904	-3.987	-4.070	-4.154	-4.238	-4.324	-4.410	-4.496	-4.584
	-19	-3.779	-3.861	-3.944	-4.027	-4.111	-4.196	-4.281	-4.367	-4.454	-4.542
	-18	-3.736	-3.818	-3.901	-3.984	-4.068	-4.153	-4.238	-4.324	-4.411	-4.499
	-17	-3.692	-3.774	-3.857	-3.940	-4.024	-4.109	-4.195	-4.281	-4.368	-4.456
	-16	-3.647	-3.730	-3.812	-3.896	-3.980	-4.065	-4.151	-4.237	-4.324	-4.412
	-15	-3.602	-3.684	-3.767	-3.851	-3.935	-4.020	-4.106	-4.192	-4.279	-4.367
	-14	-3.557	-3.639	-3.722	-3.805	-3.890	-3.975	-4.061	-4.147	-4.234	-4.322
	-13	-3.510	-3.593	-3.676	-3.759	-3.844	-3.929	-4.015	-4.101	-4.189	-4.277
	-12	-3.463	-3.546	-3.629	-3.713	-3.797	-3.882	-3.968	-4.055	-4.142	-4.230
	-11	-3.416	-3.498	-3.581	-3.665	-3.750	-3.835	-3.921	-4.008	-4.095	-4.184
	-10	-3.368	-3.450	-3.534	-3.617	-3.702	-3.787	-3.874	-3.960	-4.048	-4.136
	-9	-3.318	-3.401	-3.484	-3.568	-3.653	-3.738	-3.824	-3.911	-3.999	-4.087
	-8	-3.268	-3.351	-3.434	-3.518	-3.603	-3.688	-3.775	-3.862	-3.949	-4.038
	-7	-3.217	-3.300	-3.384	-3.468	-3.553	-3.638	-3.724	-3.811	-3.899	-3.987
	-6	-3.166	-3.249	-3.332	-3.417	-3.501	-3.587	-3.673	-3.760	-3.848	-3.937
	-5	-3.114	-3.197	-3.281	-3.365	-3.450	-3.536	-3.622	-3.709	-3.797	-3.885
	-4	-3.062	-3.145	-3.228	-3.313	-3.398	-3.483	-3.570	-3.657	-3.745	-3.833
	-3	-3.009	-3.092	-3.175	-3.260	-3.345	-3.431	-3.517	-3.604	-3.692	-3.781
	-2	-2.955	-3.038	-3.122	-3.206	-3.291	-3.377	-3.464	-3.551	-3.639	-3.728
	-1	-2.901	-2.984	-3.068	-3.152	-3.237	-3.323	-3.410	-3.497	-3.585	-3.674
Object Temperature (°C) 物体温度	0	-2.846	-2.929	-3.013	-3.097	-3.183	-3.268	-3.355	-3.442	-3.531	-3.619
	1	-2.790	-2.873	-2.957	-3.041	-3.127	-3.213	-3.299	-3.387	-3.475	-3.564
	2	-2.735	-2.818	-2.902	-2.987	-3.072	-3.158	-3.245	-3.332	-3.421	-3.509
	3	-2.678	-2.761	-2.845	-2.929	-3.015	-3.101	-3.188	-3.275	-3.364	-3.453
	4	-2.620	-2.703	-2.787	-2.872	-2.957	-3.043	-3.130	-3.218	-3.306	-3.395
	5	-2.560	-2.643	-2.727	-2.811	-2.897	-2.983	-3.070	-3.157	-3.246	-3.335
	6	-2.502	-2.585	-2.669	-2.754	-2.840	-2.926	-3.013	-3.100	-3.189	-3.278
	7	-2.442	-2.525	-2.610	-2.694	-2.780	-2.866	-2.953	-3.041	-3.129	-3.219
	8	-2.382	-2.465	-2.549	-2.634	-2.720	-2.806	-2.893	-2.981	-3.069	-3.158

DONG QING CORPORATION

9	-2.322	-2.405	-2.490	-2.575	-2.660	-2.747	-2.834	-2.922	-3.010	-3.100
10	-2.259	-2.342	-2.427	-2.511	-2.597	-2.684	-2.771	-2.858	-2.947	-3.036
11	-2.198	-2.281	-2.366	-2.451	-2.536	-2.623	-2.710	-2.798	-2.887	-2.976
12	-2.136	-2.220	-2.304	-2.389	-2.475	-2.562	-2.649	-2.737	-2.826	-2.915
13	-2.072	-2.156	-2.240	-2.325	-2.411	-2.498	-2.585	-2.673	-2.762	-2.852
14	-2.010	-2.094	-2.179	-2.264	-2.350	-2.437	-2.524	-2.612	-2.701	-2.791
15	-1.945	-2.029	-2.113	-2.199	-2.285	-2.372	-2.459	-2.547	-2.636	-2.726
16	-1.880	-1.964	-2.049	-2.134	-2.221	-2.307	-2.395	-2.483	-2.572	-2.662
17	-1.816	-1.900	-1.985	-2.070	-2.157	-2.244	-2.331	-2.420	-2.509	-2.599
18	-1.752	-1.836	-1.921	-2.007	-2.093	-2.180	-2.268	-2.357	-2.447	-2.537
19	-1.686	-1.771	-1.856	-1.942	-2.029	-2.116	-2.205	-2.293	-2.383	-2.473
20	-1.622	-1.707	-1.793	-1.879	-1.966	-2.054	-2.142	-2.231	-2.321	-2.412
21	-1.545	-1.629	-1.715	-1.801	-1.887	-1.975	-2.063	-2.151	-2.241	-2.331
22	-1.468	-1.552	-1.637	-1.722	-1.808	-1.895	-1.983	-2.072	-2.161	-2.251
23	-1.390	-1.474	-1.559	-1.644	-1.730	-1.816	-1.904	-1.992	-2.080	-2.170
24	-1.313	-1.396	-1.481	-1.565	-1.651	-1.737	-1.824	-1.912	-2.000	-2.089
25	-1.236	-1.319	-1.402	-1.487	-1.572	-1.658	-1.744	-1.832	-1.920	-2.009
26	-1.159	-1.241	-1.325	-1.409	-1.494	-1.579	-1.665	-1.752	-1.840	-1.928
27	-1.082	-1.164	-1.247	-1.331	-1.415	-1.500	-1.586	-1.673	-1.760	-1.848
28	-1.005	-1.087	-1.169	-1.253	-1.337	-1.422	-1.507	-1.593	-1.680	-1.768
29	-0.928	-1.009	-1.092	-1.175	-1.258	-1.343	-1.428	-1.514	-1.600	-1.688
30	-0.850	-0.932	-1.014	-1.096	-1.180	-1.264	-1.349	-1.434	-1.521	-1.608
31	-0.779	-0.860	-0.943	-1.026	-1.109	-1.194	-1.279	-1.365	-1.451	-1.538
32	-0.707	-0.789	-0.871	-0.954	-1.038	-1.123	-1.209	-1.295	-1.382	-1.469
33	-0.632	-0.714	-0.796	-0.880	-0.964	-1.049	-1.134	-1.220	-1.307	-1.395
34	-0.556	-0.638	-0.721	-0.805	-0.889	-0.974	-1.060	-1.146	-1.233	-1.321
35	-0.479	-0.561	-0.644	-0.728	-0.812	-0.897	-0.983	-1.069	-1.157	-1.244
36	-0.401	-0.483	-0.566	-0.650	-0.735	-0.820	-0.905	-0.992	-1.079	-1.167
37	-0.323	-0.405	-0.488	-0.572	-0.656	-0.741	-0.827	-0.914	-1.001	-1.089
38	-0.243	-0.326	-0.409	-0.492	-0.577	-0.662	-0.748	-0.835	-0.922	-1.010
39	-0.163	-0.245	-0.329	-0.412	-0.497	-0.582	-0.668	-0.755	-0.842	-0.931
40	-0.082	-0.164	-0.248	-0.332	-0.416	-0.502	-0.588	-0.675	-0.762	-0.850
41	0.000	-0.083	-0.166	-0.250	-0.334	-0.420	-0.506	-0.593	-0.680	-0.769
42	0.083	0.000	-0.083	-0.167	-0.252	-0.337	-0.423	-0.510	-0.598	-0.686

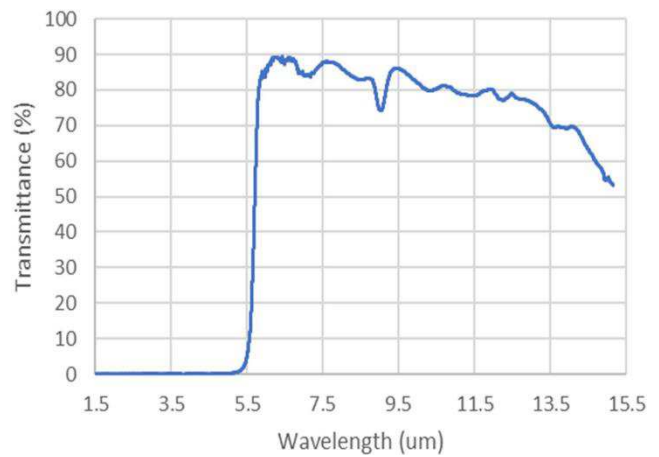
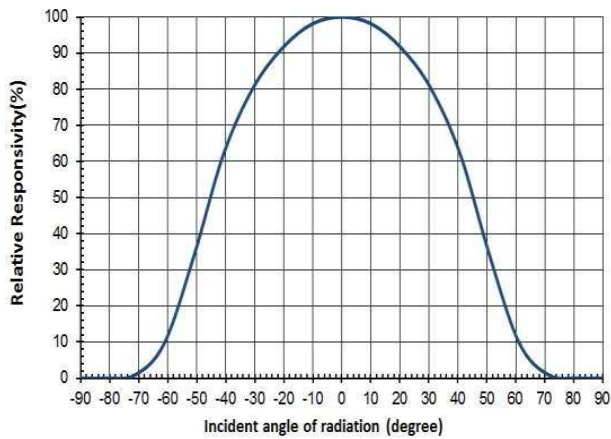
DONG QING CORPORATION

	43	0.166	0.083	0.000	-0.084	-0.169	-0.254	-0.340	-0.427	-0.515	-0.603
	44	0.250	0.167	0.084	0.000	-0.085	-0.170	-0.256	-0.343	-0.431	-0.519
	45	0.335	0.252	0.169	0.085	0.000	-0.085	-0.172	-0.258	-0.346	-0.434
	46	0.420	0.338	0.254	0.170	0.085	0.000	-0.086	-0.173	-0.261	-0.349
	47	0.506	0.424	0.340	0.256	0.172	0.086	0.000	-0.087	-0.174	-0.263
	48	0.593	0.511	0.427	0.343	0.259	0.173	0.087	0.000	-0.088	-0.176
	49	0.681	0.598	0.515	0.431	0.346	0.261	0.175	0.088	0.000	-0.088
	50	0.769	0.687	0.603	0.519	0.435	0.349	0.263	0.176	0.088	0.000
Object Temperature (°C) 物体温度	51	0.858	0.776	0.692	0.608	0.524	0.438	0.352	0.265	0.177	0.089
	52	0.948	0.865	0.782	0.698	0.613	0.528	0.442	0.355	0.267	0.179
	53	1.038	0.955	0.872	0.788	0.703	0.618	0.532	0.445	0.357	0.269
	54	1.129	1.047	0.963	0.879	0.795	0.709	0.623	0.536	0.449	0.360
	55	1.221	1.139	1.055	0.971	0.887	0.801	0.715	0.628	0.541	0.452
	56	1.314	1.232	1.148	1.064	0.980	0.894	0.808	0.721	0.634	0.545
	57	1.408	1.325	1.242	1.158	1.073	0.988	0.902	0.815	0.727	0.639
	58	1.502	1.420	1.336	1.252	1.168	1.082	0.996	0.909	0.821	0.733
	59	1.596	1.513	1.430	1.346	1.262	1.176	1.090	1.003	0.916	0.827
	60	1.691	1.608	1.525	1.441	1.357	1.271	1.185	1.098	1.011	0.923
	61	1.787	1.705	1.621	1.537	1.453	1.367	1.281	1.195	1.107	1.019
	62	1.883	1.801	1.718	1.634	1.549	1.464	1.378	1.291	1.204	1.116
	63	1.981	1.899	1.816	1.732	1.647	1.562	1.476	1.389	1.302	1.214
	64	2.078	1.995	1.912	1.828	1.744	1.659	1.573	1.486	1.399	1.311
	65	2.177	2.095	2.012	1.928	1.843	1.758	1.672	1.586	1.498	1.410
	66	2.278	2.195	2.112	2.028	1.944	1.859	1.773	1.686	1.599	1.511
	67	2.379	2.296	2.213	2.130	2.045	1.960	1.874	1.787	1.700	1.612
	68	2.479	2.397	2.314	2.230	2.145	2.060	1.974	1.888	1.800	1.712
	69	2.580	2.497	2.414	2.331	2.246	2.161	2.075	1.989	1.901	1.813
	70	2.681	2.599	2.516	2.433	2.348	2.263	2.177	2.091	2.004	1.916
	71	2.786	2.703	2.620	2.537	2.452	2.367	2.282	2.195	2.108	2.020
	72	2.889	2.807	2.724	2.640	2.556	2.471	2.385	2.299	2.212	2.124
	73	2.993	2.911	2.828	2.745	2.660	2.575	2.490	2.403	2.316	2.228
	74	3.098	3.016	2.933	2.849	2.765	2.680	2.595	2.508	2.421	2.333
	75	3.202	3.119	3.037	2.953	2.869	2.784	2.699	2.612	2.525	2.438
	76	3.310	3.228	3.145	3.061	2.977	2.892	2.807	2.720	2.633	2.546

DONG QING CORPORATION

77	3.419	3.337	3.254	3.170	3.086	3.001	2.916	2.829	2.742	2.655
78	3.526	3.444	3.362	3.278	3.194	3.109	3.024	2.937	2.850	2.763
79	3.635	3.553	3.470	3.387	3.303	3.218	3.132	3.046	2.959	2.872
80	3.744	3.662	3.579	3.496	3.412	3.327	3.242	3.156	3.069	2.981
81	3.854	3.772	3.689	3.606	3.522	3.437	3.352	3.266	3.179	3.091
82	3.965	3.883	3.800	3.717	3.633	3.548	3.463	3.377	3.290	3.202
83	4.076	3.994	3.912	3.828	3.744	3.660	3.574	3.488	3.402	3.314
84	4.188	4.106	4.024	3.941	3.857	3.772	3.687	3.601	3.514	3.427
85	4.296	4.214	4.132	4.049	3.965	3.880	3.795	3.709	3.623	3.535
86	4.412	4.330	4.248	4.165	4.081	3.996	3.911	3.825	3.739	3.652
87	4.529	4.447	4.365	4.282	4.198	4.113	4.028	3.942	3.856	3.768
88	4.644	4.562	4.480	4.397	4.313	4.229	4.144	4.058	3.971	3.884
89	4.760	4.678	4.596	4.513	4.429	4.345	4.260	4.174	4.087	4.000
90	4.870	4.789	4.707	4.624	4.540	4.456	4.371	4.285	4.199	4.112
91	4.991	4.909	4.827	4.744	4.661	4.576	4.491	4.406	4.319	4.232
92	5.109	5.027	4.945	4.862	4.779	4.695	4.610	4.524	4.438	4.351
93	5.228	5.146	5.064	4.981	4.898	4.814	4.729	4.643	4.557	4.470
94	5.347	5.266	5.184	5.101	5.017	4.933	4.848	4.763	4.677	4.590
95	5.464	5.383	5.301	5.218	5.135	5.051	4.966	4.880	4.794	4.707
96	5.585	5.504	5.422	5.339	5.256	5.172	5.087	5.002	4.916	4.829
97	5.703	5.622	5.540	5.458	5.375	5.291	5.206	5.121	5.035	4.948
98	5.826	5.745	5.663	5.580	5.497	5.413	5.329	5.243	5.157	5.071
99	5.949	5.868	5.786	5.704	5.621	5.537	5.452	5.367	5.281	5.194
100	6.069	5.988	5.907	5.824	5.741	5.658	5.573	5.488	5.402	5.316

Optical characteristics (光学特征曲线)



Package Outline (封装)

