



S950 Silicon Diode Standard Curve

	Temp(K)	Volts		Temp(K)	Volts		Temp(K)	Volts
1	370.00	0.392610	50	108.00	0.971610	100	13.00	1.297560
2	360.00	0.416200	51	107.00	0.973440	101	12.50	1.307131
3	350.00	0.439760	52	106.00	0.975270	102	12.00	1.316990
4	340.00	0.463300	53	105.00	0.977100	103	11.50	1.327203
5	330.00	0.486810	54	100.00	0.986150	104	11.00	1.337854
6	320.00	0.510240	55	95.00	0.995100	105	10.50	1.349047
7	315.00	0.521920	56	90.00	1.003930	106	10.00	1.360897
8	310.00	0.533560	57	85.00	1.012670	107	9.50	1.373526
9	305.00	0.545160	58	80.00	1.021270	108	9.00	1.387055
10	300.00	0.556740	59	75.00	1.029850	109	8.50	1.401595
11	295.00	0.568280	60	70.00	1.038390	110	8.00	1.417234
12	290.00	0.579800	61	65.00	1.046870	111	7.50	1.434022
13	285.00	0.591310	62	60.00	1.055280	112	7.00	1.451961
14	280.00	0.602790	63	55.00	1.063620	113	6.80	1.459447
15	275.00	0.614270	64	50.00	1.071880	114	6.60	1.467099
16	270.00	0.625730	65	45.00	1.080080	115	6.40	1.474908
17	265.00	0.637160	66	40.00	1.088210	116	6.20	1.482860
18	260.00	0.648550	67	39.00	1.089830	117	6.00	1.490940
19	255.00	0.659920	68	38.00	1.091450	118	5.80	1.499128
20	250.00	0.671240	69	37.00	1.093060	119	5.60	1.507404
21	245.00	0.682530	70	36.00	1.094680	120	5.40	1.515741
22	240.00	0.693790	71	35.00	1.096290	121	5.20	1.524110
23	235.00	0.705030	72	34.00	1.097910	122	5.00	1.532477
24	230.00	0.716240	73	33.00	1.099520	123	4.80	1.540805
25	225.00	0.727430	74	32.00	1.101240	124	4.60	1.549103
26	220.00	0.738610	75	31.00	1.102950	125	4.40	1.557380
27	215.00	0.749780	76	30.00	1.104650	126	4.20	1.565604
28	210.00	0.760940	77	29.00	1.106430	127	4.00	1.573730
29	205.00	0.772050	78	28.00	1.108280	128	3.80	1.581750
30	200.00	0.783110	79	27.00	1.109960	129	3.60	1.589600
31	195.00	0.794120	80	26.00	1.112170	130	3.40	1.597250
32	190.00	0.805080	81	25.00	1.114800	131	3.20	1.604760
33	185.00	0.815990	82	24.00	1.118280	132	3.00	1.612101
34	180.00	0.826800	83	23.00	1.124250	133	2.80	1.619259
35	175.00	0.837540	84	22.00	1.138410	134	2.60	1.626214
36	170.00	0.848180	85	21.00	1.162460	135	2.40	1.632905
37	165.00	0.858740	86	20.00	1.181930	136	2.20	1.639304
38	160.00	0.869210	87	19.50	1.190399	137	2.00	1.645318
39	155.00	0.879590	88	19.00	1.198550	138	1.80	1.650844
40	150.00	0.889880	89	18.50	1.206400	139	1.60	1.655871
41	145.00	0.900080	90	18.00	1.214061	140	1.40	1.660321
42	140.00	0.910210	91	17.50	1.221594			
43	135.00	0.920220	92	17.00	1.229179			
44	130.00	0.930080	93	16.50	1.236925			
45	125.00	0.939760	94	16.00	1.244891			
46	120.00	0.949270	95	15.50	1.253099			
47	115.00	0.958670	96	15.00	1.261547			
48	110.00	0.967940	97	14.50	1.270227			
49	109.00	0.969780	98	14.00	1.279123			
			99	13.50	1.288232			

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