

S900 Silicon Diode Standard Curve

	Temp(K)	Volts		Temp(K)	Volts		Temp(K)	Volts
1	500.00	0.090770	43	205.00	0.772050	85	40.00	1.088210
2	490.00	0.111530	44	200.00	0.783110	86	39.00	1.089830
3	480.00	0.133200	45	195.00	0.794120	87	38.00	1.091450
4	470.00	0.155650	46	190.00	0.805080	88	37.00	1.093060
5	460.00	0.178730	47	185.00	0.815990	89	36.00	1.094680
6	450.00	0.202310	48	180.00	0.826800	90	35.00	1.096290
7	440.00	0.226230	49	175.00	0.837540	91	34.00	1.097910
8	430.00	0.250160	50	170.00	0.848180	92	33.00	1.099520
9	420.00	0.274030	51	165.00	0.858740	93	32.00	1.101240
10	410.00	0.297850	52	160.00	0.869210	94	31.00	1.102950
11	400.00	0.321610	53	155.00	0.879590	95	30.00	1.104650
12	390.00	0.345320	54	150.00	0.889880	96	29.00	1.106430
13	389.00	0.347680	55	145.00	0.900080	97	28.00	1.108280
14	380.00	0.368980	56	140.00	0.910210	98	27.00	1.109960
15	370.00	0.392610	57	135.00	0.920220	99	26.00	1.112170
16	360.00	0.416200	58	130.00	0.930080	100	25.00	1.114800
17	350.00	0.439760	59	125.00	0.939760	101	24.00	1.118280
18	340.00	0.463300	60	120.00	0.949270	102	23.00	1.124250
19	330.00	0.486810	61	115.00	0.958670	103	22.00	1.138410
20	320.00	0.510240	62	110.00	0.967940	104	21.00	1.162460
21	315.00	0.521920	63	105.00	0.977100	105	20.00	1.181930
22	310.00	0.533560	64	100.00	0.986150	106	19.00	1.198160
23	305.00	0.545160	65	95.00	0.995100	107	18.00	1.213250
24	300.00	0.556740	66	90.00	1.003930	108	17.00	1.228160
25	295.00	0.568280	67	85.00	1.012670	109	16.00	1.243420
26	290.00	0.579800	68	80.00	1.021270	110	15.00	1.259320
27	285.00	0.591310	69	77.00	1.026420	111	14.00	1.276210
28	280.00	0.602790	70	75.00	1.029850	112	13.00	1.294010
29	275.00	0.614270	71	70.00	1.038390	113	12.00	1.312770
30	270.00	0.625730	72	65.00	1.046870	114	11.00	1.333170
31	265.00	0.637160	73	60.00	1.055280	115	10.00	1.355680
32	260.00	0.648550	74	55.00	1.063620	116	9.00	1.379980
33	255.00	0.659920	75	50.00	1.071880	117	8.00	1.408270
34	250.00	0.671240	76	49.00	1.073530	118	7.00	1.440980
35	245.00	0.682530	77	48.00	1.075170	119	6.00	1.477400
36	240.00	0.693790	78	47.00	1.076810	120	5.00	1.515900
37	235.00	0.705030	79	46.00	1.078440	121	4.00	1.554830
38	230.00	0.716240	80	45.00	1.080080	122	3.00	1.591080
39	225.00	0.727430	81	44.00	1.081710	123	2.00	1.622550
40	220.00	0.738610	82	43.00	1.083340	124	1.00	1.643420
41	215.00	0.749780	83	42.00	1.084970			
42	210.00	0.760940	84	41.00	1.086590			