

U2000 Voltage Reference Chart*

TEST POINTS

TEST POINTS		TRSTR	EMIT	BASE	COLL
TP200	4.34	Q501	14.13	6.36	6.59
TP201	0.10	Q502	0.00	0.00	10.46
TP202	127.00	Q503	11.45	11.99	91.43
TP203	126.80	Q504	11.45	11.99	90.49
TP204	16.70	Q505	11.45	11.99	87.39
TP205	32.50	Q506	1.25	1.91	11.46

DIODES

DIODES	ANODE	CATHODE	TRSTR	EMIT	BASE	COLL
D301	-0.50	16.720	Q507	1.26	1.91	11.45
D302	0.89	32.520	Q508	1.33	1.99	11.46
D303	-64.58	6.520	Q509	0.98	0.30	0.00
D310	127.00	126.870	Q510	0.98	0.30	0.00
D501	1.24	0.56	Q511	0.98	0.30	0.00
D502	1.26	0.58	Q601	9.78	10.36	16.72
D503	1.33	0.63	Q602	4.45	5.00	12.90
D504	90.79	120.20	Q700	0.00	-0.11	4.75
D506	89.91	120.20	Q703	0.00	0.31	93.80
D507	86.80	120.20	Q705	12.22	12.21	6.40
D600	0.24	5.23	Q708	12.22	9.37	127.00
D601	0.00	18.56	Q709	4.88	4.35	1.08
D602	12.77	18.56	Q710	4.88	4.35	1.08
D603	32.48	33.17	Q800	0.00	-0.43	-9.77
D604	0.60	0.00	Q808	16.72	17.30	16.50

ics

ics	U500	U601	U701	U702
PIN 1	11.96	13.10	4.30	4.70
PIN 2	5.52	33.10	8.40	0.27
PIN 3	5.51	3.80	8.80	15.10
PIN 4	2.29	6.50	-0.25	4.70
PIN 5	1.8	0.00	4.00	5.20
PIN 6	2.3	12.20	3.30	0.27
PIN 7	0	13.00	6.40	0.00
PIN 8	1.78	4.40	6.40	4.70
PIN 9	2.29	32.50	5.80	5.20
PIN 10	1.64	2.10	12.20	0.24
PIN 11	2.32	-	5.80	16.10
PIN 12	6.76	-	0.50	4.70
PIN 13	11.96	-	0.10	0.24
PIN 14	10.44	-	0.00	5.20
PIN 15	12	-	2.50	-
PIN 16	1.22	-	8.80	-
PIN 17	0.90	-	0.70	-
PIN 18	1.99	-	5.70	-
PIN 19	0.85	-	5.80	-
PIN 20	12.00	-	11.80	-
PIN 21	1.22			
PIN 22	0.90			
PIN 23	1.91			
PIN 24	0.85			
PIN 25	1.36			
PIN 26	0.89			
PIN 28	0.85			

ZENERS

ZENERS	ANODE	CATHODE
Z600	0.00	12.00
Z601	0.00	11.80
Z700	0.00	5.23
Z701	0.10	4.67
Z702	0.00	12.20
Z705	0.00	9.37
Z802	1.40	13.10



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* voltages are for reference only and may vary with input signal and control adjustments