



1N4775 thru 1N4784A

8.5 Volt Temperature Compensated Zener Reference Diodes

*ELECTRICAL CHARACTERISTICS @ 25°C, unless otherwise specified

JEDEC TYPE NUMBER	ZENER VOLTAGE (Note 5)	ZENER TEST CURRENT	MAXIMUM DYNAMIC IMPEDANCE	MAXIMUM REVERSE CURRENT $I_R @ 6 V$	MAXIMUM VOLTAGE TEMPERATURE STABILITY (Note 3 & 5)	TEMPERATURE RANGE	EFFECTIVE TEMPERATURE COMPENSATIONS α_{VZ}
	$V_Z @ I_{ZT}$	I_{ZT}	Z_{ZT}	I_R	ΔV_{ZT}	°C	%/°C
	VOLTS	mA	OHMS	µA	mV		
1N4775	8.5	0.5	200	10	64	0 to +75	0.01
1N4775A	8.5	0.5	200	10	132	-55 to +100	0.01
1N4776	8.5	0.5	200	10	32	0 to +75	0.005
1N4776A	8.5	0.5	200	10	66	-55 to +100	0.005
1N4777	8.5	0.5	200	10	13	0 to +75	0.002
1N4777A	8.5	0.5	200	10	26	-55 to +100	0.002
1N4778	8.5	0.5	200	10	6	0 to +75	0.001
1N4778A	8.5	0.5	200	10	13	-55 to +100	0.001
1N4779	8.5	0.5	200	10	3	0 to +75	0.0005
1N4779A	8.5	0.5	200	10	7	-55 to +100	0.0005
1N4780	8.5	1.0	100	10	64	0 to +75	0.01
1N4780A	8.5	1.0	100	10	132	-55 to +100	0.01
1N4781	8.5	1.0	100	10	32	0 to +75	0.005
1N4781A	8.5	1.0	100	10	66	-55 to +100	0.005
1N4782	8.5	1.0	100	10	13	0 to +75	0.002
1N4782A	8.5	1.0	100	10	26	-55 to +100	0.002
1N4783	8.5	1.0	100	10	6	0 to +75	0.001
1N4783A	8.5	1.0	100	10	13	-55 to +100	0.001
1N4784	8.5	1.0	100	10	3	0 to +75	0.0005
1N4784A	8.5	1.0	100	10	7	-55 to +100	0.0005