

# Zener Regulator Diodes

**Microsemi**  
Power. Precision. Performance.

Part Number	Microsemi Division	Package Outline	Type	Mil Spec	Data Sheet ID	Power (W)	Vz (V)	Izt (mA)	Zzt (Ω)	Zzk (Ω)	IR (μA)	VR (V)	Tol. (+/-%)
JANTX1N6327US	Santa Ana	B SQ. MELF	SM	533	9871	0.5	13	9.5	8	550	0.05	9.9	
JANTXV1N6327	Santa Ana	DO-35	STD	533	11341	0.5	13	9.5	8	550	0.05	9.9	
JANTXV1N6327US	Santa Ana	B SQ. MELF	SM	533	11342	0.5	13	9.5	8	550	0.05	9.9	
1N5243A	Scottsdale	DO-35	STD		3343	0.5	13	9.5	13	600	0.5	9.4	10
1N5243A (DO7)	Scottsdale	DO-7	STD		3344	0.5	13	9.5	13	600	0.5	9.4	10
1N5243B	Scottsdale	DO-35	STD		3345	0.5	13	9.5	13	600	0.5	9.9	5
1N5243B (DO7)	Scottsdale	DO-7	STD		3346	0.5	13	9.5	13	600	0.5	9.9	5
MLL5243B	Scottsdale	DO-213AA	SM		12755	0.5	13	9.5	13	600	0.5	9.9	5
MLL5243B-1	Scottsdale	DO-213AA	SM		21472	0.5	13	9.5	13	600	0.5	9.9	5
1N6003B	Scottsdale	DO-35	STD		4194	0.5	13	5	25	600	0.1	9.9	5
1N6003C	Scottsdale	DO-35	STD		4195	0.5	13	5	25	600	0.1	9.9	2
1N6003D	Scottsdale	DO-35	STD		4196	0.5	13	5	25	600	0.1	9.9	1
1N6003A	Scottsdale	DO-35	STD		4193	0.5	13	5	36	600	0.1	8.4	10
MLL5533B	Scottsdale	DO-213AA	SM		12824	0.5	13	1	90		0.01	11.7	5
MLL5533B-1	Scottsdale	DO-213AA	SM		12825	0.5	13	1	90		0.01	11.7	5
MLL4107	Scottsdale	DO-213AA	SM		12602	0.5	13	0.25	200		0.05	9.87	5
MLL4107-1	Scottsdale	DO-213AA	SM		12603	0.5	13	0.25	200		0.05	9.87	5
1N5244A	Scottsdale	DO-35	STD		3347	0.5	14	9	15	600	0.1	9.5	10
1N5244A (DO7)	Scottsdale	DO-7	STD		3348	0.5	14	9	15	600	0.1	9.5	10
1N5244B	Scottsdale	DO-35	STD		3349	0.5	14	9	15	600	0.1	10	5
1N5244B (DO7)	Scottsdale	DO-7	STD		3350	0.5	14	9	15	600	0.1	10	5
MLL5244B	Scottsdale	DO-213AA	SM		12756	0.5	14	9	15	600	0.1	10	5
MLL5244B-1	Scottsdale	DO-213AA	SM		21473	0.5	14	9	15	600	0.1	10	5
MLL5534B	Scottsdale	DO-213AA	SM		12826	0.5	14	1	100		0.01	12.6	5
MLL5534B-1	Scottsdale	DO-213AA	SM		12827	0.5	14	1	100		0.01	12.6	5
MLL4108	Scottsdale	DO-213AA	SM		12604	0.5	14	0.25	200		0.05	10.7	5
MLL4108-1	Scottsdale	DO-213AA	SM		12605	0.5	14	0.25	200		0.05	10.7	5
1N6328	Santa Ana	DO-35	STD		4843	0.5	15	8.5	10	600	0.05	11	
1N6328US	Santa Ana	B SQ. MELF	SM		4844	0.5	15	8.5	10	600	0.05	11	
JAN1N6328	Santa Ana	DO-35	STD	533	8115	0.5	15	8.5	10	600	0.05	11	
JAN1N6328US	Santa Ana	B SQ. MELF	SM	533	8116	0.5	15	8.5	10	600	0.05	11	
JANS1N6328	Santa Ana	DO-35	STD	533	8658	0.5	15	8.5	10	600	0.05	11	
JANS1N6328US	Santa Ana	B SQ. MELF	SM	533	8659	0.5	15	8.5	10	600	0.05	11	
JANTX1N6328	Santa Ana	DO-35	STD	533	9872	0.5	15	8.5	10	600	0.05	11	
JANTX1N6328US	Santa Ana	B SQ. MELF	SM	533	9873	0.5	15	8.5	10	600	0.05	11	
JANTXV1N6328	Santa Ana	DO-35	STD	533	11343	0.5	15	8.5	10	600	0.05	11	
JANTXV1N6328US	Santa Ana	B SQ. MELF	SM	533	11344	0.5	15	8.5	10	600	0.05	11	
1N5245A	Scottsdale	DO-35	STD		3351	0.5	15	8.5	16	600	0.1	10.5	10
1N5245A (DO7)	Scottsdale	DO-7	STD		3352	0.5	15	8.5	16	600	0.1	10.5	10
1N5245B	Scottsdale	DO-35	STD		3353	0.5	15	8.5	16	600	0.1	11	5
1N5245B (DO7)	Scottsdale	DO-7	STD		3354	0.5	15	8.5	16	600	0.1	11	5
MLL5245B	Scottsdale	DO-213AA	SM		12757	0.5	15	8.5	16	600	0.1	11	5
MLL5245B-1	Scottsdale	DO-213AA	SM		21474	0.5	15	8.5	16	600	0.1	11	5
1N6004B	Scottsdale	DO-35	STD		4198	0.5	15	5	32	600	0.1	11	5
1N6004C	Scottsdale	DO-35	STD		4199	0.5	15	5	32	600	0.1	11	2
1N6004D	Scottsdale	DO-35	STD		4200	0.5	15	5	32	600	0.1	11	1

Section Organization: Zener Parametric Section is organized by ascending Power (watts), followed by ascending Vz (volts)

**General Notes:**

1. Information on contacting Microsemi Divisions can be obtained on the back cover of this catalog
2. Type specifies "STD" - Standard, "SM" - Surface Mount, "DIE" - Die Form
3. Datasheets can be obtained from Microsemi's Website or Fax on Demand System by specifying the Data Sheet ID

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