

# Zener Regulator Diodes

**Microsemi**  
Power Electronics Division

Part Number	Microsemi Division	Package Outline	Type	MLL Spec	Data Sheet ID	Power (W)	Vz (V)	Izt (mA)	Zzt ( $\Omega$ )	Zzk ( $\Omega$ )	IR (uA)	VR (V)	Tol. (+/-%)
1N5994B	Scottsdale	DO-35	STD		4158	0.5	5.6	5	25	1800	2	3	5
1N5994C	Scottsdale	DO-35	STD		4159	0.5	5.6	5	25	1800	2	3	2
1N5994D	Scottsdale	DO-35	STD		4160	0.5	5.6	5	25	1800	2	3	1
MLL5524B	Scottsdale	DO-213AA	SM		12806	0.5	5.6	3	30		2	3.5	5
MLL5524B-1	Scottsdale	DO-213AA	SM		12807	0.5	5.6	3	30		2	3.5	5
1N5994A	Scottsdale	DO-35	STD		4157	0.5	5.6	5	70	2200	3	1.5	10
1N4626 (DO35)	Scottsdale	DO-35	STD		2679	0.5	5.6	0.25	1400		10	4	5
JAN1N4626 (DO35)	Scottsdale	DO-35	STD		7438	0.5	5.6	0.25	1400		10	4	5
JANTX1N4626 (DO35)	Scottsdale	DO-35	STD		9194	0.5	5.6	0.25	1400		10	4	5
JANTXV1N4626 (DO35)	Scottsdale	DO-35	STD		10654	0.5	5.6	0.25	1400		10	4	5
MLL4626	Scottsdale	DO-213AA	SM		12691	0.5	5.6	0.25	1400		10	4	5
MLL4626-1	Scottsdale	DO-213AA	SM		12692	0.5	5.6	0.25	1400		10	4	5
1N5233A	Scottsdale	DO-35	STD		3303	0.5	6	20	7	1600	5	3.3	10
1N5233A (DO7)	Scottsdale	DO-7	STD		3304	0.5	6	20	7	1600	5	3.3	10
1N5233B	Scottsdale	DO-35	STD		3305	0.5	6	20	7	1600	5	3.5	5
1N5233B (DO7)	Scottsdale	DO-7	STD		3306	0.5	6	20	7	1600	5	3.5	5
MLL5233B	Scottsdale	DO-213AA	SM		12745	0.5	6	20	7	1600	5	3.5	5
MLL5233B-1	Scottsdale	DO-213AA	SM		21462	0.5	6	20	7	1600	5	3.5	5
1N6319	Santa Ana	DO-35	STD		4825	0.5	6.2	20	3	800	5	3.5	
1N6319US	Santa Ana	B SQ. MELF	SM		4826	0.5	6.2	20	3	800	5	3.5	
JAN1N6319	Santa Ana	DO-35	STD	533	8097	0.5	6.2	20	3	800	5	3.5	
JAN1N6319US	Santa Ana	B SQ. MELF	SM	533	8098	0.5	6.2	20	3	800	5	3.5	
JANTX1N6319	Santa Ana	DO-35	STD	533	9854	0.5	6.2	20	3	800	5	3.5	
JANTX1N6319US	Santa Ana	B SQ. MELF	SM	533	9855	0.5	6.2	20	3	800	5	3.5	
JANTXV1N6319	Santa Ana	DO-35	STD	533	11325	0.5	6.2	20	3	800	5	3.5	
JANTXV1N6319US	Santa Ana	B SQ. MELF	SM	533	11326	0.5	6.2	20	3	800	5	3.5	
SP6319	Santa Ana	DO-35	STD		16162	0.5	6.2	20	3	800	5	3.5	
SP6319US	Santa Ana	B SQ. MELF	SM		16163	0.5	6.2	20	3	800	5	3.5	
1N5234A	Scottsdale	DO-35	STD		3307	0.5	6.2	20	7	1000	5	3.8	10
1N5234A (DO7)	Scottsdale	DO-7	STD		3308	0.5	6.2	20	7	1000	5	3.8	10
1N5234B	Scottsdale	DO-35	STD		3309	0.5	6.2	20	7	1000	5	4	5
1N5234B (DO7)	Scottsdale	DO-7	STD		3310	0.5	6.2	20	7	1000	5	4	5
MLL5234B	Scottsdale	DO-213AA	SM		12746	0.5	6.2	20	7	1000	5	4	5
MLL5234B-1	Scottsdale	DO-213AA	SM		21463	0.5	6.2	20	7	1000	5	4	5
1N5995B	Scottsdale	DO-35	STD		4162	0.5	6.2	5	10	1300	1	4	5
1N5995C	Scottsdale	DO-35	STD		4163	0.5	6.2	5	10	1300	1	4	2
1N5995D	Scottsdale	DO-35	STD		4164	0.5	6.2	5	10	1300	1	4	1
JANS1N821-1 (DO35)	Scottsdale	DO-35	STD		8695	0.5	6.2	7.5	15				5
MLL5525B	Scottsdale	DO-213AA	SM		12808	0.5	6.2	1	30		1	5	5
MLL5525B-1	Scottsdale	DO-213AA	SM		12809	0.5	6.2	1	30		1	5	5
1N5995A	Scottsdale	DO-35	STD		4161	0.5	6.2	5	50	2050	2	2	10
1N4627 (DO35)	Scottsdale	DO-35	STD		2682	0.5	6.2	0.25	1200		10	5	5
JAN1N4627 (DO35)	Scottsdale	DO-35	STD		7442	0.5	6.2	0.25	1200		10	5	5
JANTX1N4627 (DO35)	Scottsdale	DO-35	STD		9197	0.5	6.2	0.25	1200		10	5	5
JANTXV1N4627 (DO35)	Scottsdale	DO-35	STD		10657	0.5	6.2	0.25	1200		10	5	5
MLL4627	Scottsdale	DO-213AA	SM		12693	0.5	6.2	0.25	1200		10	5	5

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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