

# Zener Regulator Diodes



Part Number	Microsemi Division	Package Outline	Type	Mil Spec	Data Sheet ID	Power (W)	Vz (V)	Izt (mA)	Zzt (Ω)	Zzk (Ω)	IR (uA)	VR (V)	Tol. (+/-%)
1N5086	Santa Ana	A	STD		3194	3	51	15	50		1	38.8	5
SMAJ5942	Scottsdale	DO-214AC	SM		22768	3	51	7.3	70	1100	1	38.8	
SMBG5942B	Scottsdale	SMBG	SM		21978	3	51	7.3	70	1100	1	38.8	5
UZ756	Watertown	A	STD		17479	3	56	10					5
UZ856	Watertown	A	STD		17636	3	56	10					10
3EZ56D5	Scottsdale	DO-41	STD		5661	3	56	13	50	2000	0.5	42.6	5
1N5087	Santa Ana	A	STD		3195	3	56	10	70		1	42.6	5
SMAJ5943	Scottsdale	DO-214AC	SM		22769	3	56	6.7	86	1300	1	42.6	
SMBG5943B	Scottsdale	SMBG	SM		21979	3	56	6.7	86	1300	1	42.6	5
UZ760	Watertown	A	STD		17480	3	60	10					5
UZ860	Watertown	A	STD		17637	3	60	10					10
1N5088	Santa Ana	A	STD		3196	3	60	10	70		1	45.7	5
3EZ62D5	Scottsdale	DO-41	STD		5664	3	62	12	55	2000	0.5	47.1	5
1N5089	Santa Ana	A	STD		3197	3	62	10	75		1	47.1	5
SMAJ5944	Scottsdale	DO-214AC	SM		22770	3	62	6	100	1500	1	47.1	
SMBG5944B	Scottsdale	SMBG	SM		21980	3	62	6	100	1500	1	47.1	5
3EZ68D5	Scottsdale	DO-41	STD		5665	3	68	11	70	2000	0.5	51.7	5
1N5090	Santa Ana	A	STD		3198	3	68	10	85		1	51.7	5
SMAJ5945	Scottsdale	DO-214AC	SM		22771	3	68	5.5	120	1700	1	51.2	
SMBG5945B	Scottsdale	SMBG	SM		21981	3	68	5.5	120	1700	1	51.2	5
UZ770	Watertown	A	STD		17481	3	70	10					5
UZ870	Watertown	A	STD		17638	3	70	10					10
1N5091	Santa Ana	A	STD		3199	3	70	10	90		1	53.3	5
UZ775	Watertown	A	STD		17522	3	75	10					5
UZ875	Watertown	A	STD		17659	3	75	10					10
3EZ75D5	Scottsdale	DO-41	STD		5667	3	75	10	85	2000	0.5	56	5
1N5092	Santa Ana	A	STD		3200	3	75	10	100		1	56	5
SMAJ5946	Scottsdale	DO-214AC	SM		22772	3	75	5	140	2000	1	56	
SMBG5946B	Scottsdale	SMBG	SM		21982	3	75	5	140	2000	1	56	5
UZ780	Watertown	A	STD		17537	3	80	10					5
UZ880	Watertown	A	STD		17667	3	80	10					10
1N5093	Santa Ana	A	STD		3201	3	80	10	115		1	60.8	5
3EZ82D5	Scottsdale	DO-41	STD		5669	3	82	9.1	85	3000	0.5	62.2	5
1N5094	Santa Ana	A	STD		3202	3	82	10	120		1	62.2	5
SMAJ5947	Scottsdale	DO-214AC	SM		22773	3	82	4.6	160	2500	1	62.2	
SMBG5947B	Scottsdale	SMBG	SM		21983	3	82	4.6	160	2500	1	62.2	5
1N4096	Watertown	A	STD		2359	3	90	0.008					5
UZ790	Watertown	A	STD		17592	3	90	8					5
UZ890	Watertown	A	STD		17695	3	90	8					10
3EZ91D5	Scottsdale	DO-41	STD		5671	3	91	8.2	95	3000	0.5	69.2	5
1N5095	Santa Ana	A	STD		3203	3	91	8	155		1	69.2	5
SMAJ5948	Scottsdale	DO-214AC	SM		22774	3	91	4.1	200	3000	1	69.2	
SMBG5948B	Scottsdale	SMBG	SM		21984	3	91	4.1	200	3000	1	69.2	5
1N4097	Watertown	A	STD		2360	3	100	0.005					5
UZ110	Watertown	A	STD		17316	3	100	5					5
UZ210	Watertown	A	STD		17337	3	100	5					10

ZEN

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