

Zener Regulator Diodes

Microsemi
Advanced Power Technology

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. (+/-%)
UZ827	Watertown	A	STD		17629	3	27	25					10
3EZ27D5	Scottsdale	DO-41	STD		5647	3	27	28	10	750	0.5	20.6	5
1N5076	Santa Ana	A	STD		3184	3	27	25	12		1	20.6	5
SMAJ5935	Scottsdale	DO-214AC	SM		22761	3	27	13.9	23	700	1	20.6	
SMBG5935B	Scottsdale	SMBG	SM		21971	3	27	13.9	23	700	1	20.6	5
3EZ28D5	Scottsdale	DO-41	STD		5648	3	28	27	12	750	0.5	21	5
UZ730	Watertown	A	STD		17473	3	30	25					5
UZ830	Watertown	A	STD		17630	3	30	25					10
1N5077	Santa Ana	A	STD		3185	3	30	25	15		1	22.8	5
3EZ30D5	Scottsdale	DO-41	STD		5650	3	30	25	16	1000	0.5	22.5	5
SMAJ5936	Scottsdale	DO-214AC	SM		22762	3	30	12.5	28	750	1	22.8	
SMBG5936B	Scottsdale	SMBG	SM		21972	3	30	12.5	28	750	1	22.8	5
UZ733	Watertown	A	STD		17474	3	33	20					5
UZ833	Watertown	A	STD		17631	3	33	20					10
3EZ33D5	Scottsdale	DO-41	STD		5651	3	33	23	20	1000	0.5	25.1	5
1N5078	Santa Ana	A	STD		3186	3	33	20	21		1	25.1	5
SMAJ5937	Scottsdale	DO-214AC	SM		22763	3	33	11.4	33	800	1	25.1	
SMBG5937B	Scottsdale	SMBG	SM		21973	3	33	11.4	33	800	1	25.1	5
UZ736	Watertown	A	STD		17475	3	36	20					5
UZ836	Watertown	A	STD		17632	3	36	20					10
1N5079	Santa Ana	A	STD		3187	3	36	20	21		1	27.4	5
3EZ36D5	Scottsdale	DO-41	STD		5652	3	36	21	22	1000	0.5	27.4	5
SMAJ5938	Scottsdale	DO-214AC	SM		22764	3	36	10.4	38	850	1	27.4	
SMBG5938B	Scottsdale	SMBG	SM		21974	3	36	10.4	38	850	1	27.4	5
1N5080	Santa Ana	A	STD		3188	3	39	20	27		1	29.7	5
3EZ39D5	Scottsdale	DO-41	STD		5653	3	39	19	28	1000	0.5	29.7	5
SMAJ5939	Scottsdale	DO-214AC	SM		22765	3	39	9.6	45	900	1	29.7	
SMBG5939B	Scottsdale	SMBG	SM		21975	3	39	9.6	45	900	1	29.7	5
UZ740	Watertown	A	STD		17476	3	40	20					5
UZ840	Watertown	A	STD		17633	3	40	20					10
1N5081	Santa Ana	A	STD		3189	3	40	20	27		1	30.4	5
3EZ43D5	Scottsdale	DO-41	STD		5656	3	43	17	33	1500	0.5	32.7	5
1N5082	Santa Ana	A	STD		3190	3	43	15	35		1	32.7	5
SMAJ5940	Scottsdale	DO-214AC	SM		22766	3	43	8.7	53	950	1	32.7	
SMBG5940B	Scottsdale	SMBG	SM		21976	3	43	8.7	53	950	1	32.7	5
UZ745	Watertown	A	STD		17477	3	45	15					5
UZ845	Watertown	A	STD		17634	3	45	15					10
1N5083	Santa Ana	A	STD		3191	3	45	15	37		1	34.2	5
3EZ47D5	Scottsdale	DO-41	STD		5657	3	47	16	38	1500	0.5	35.6	5
1N5084	Santa Ana	A	STD		3192	3	47	15	43		1	35.8	5
SMAJ5941	Scottsdale	DO-214AC	SM		22767	3	47	8	67	1000	1	35.8	
SMBG5941B	Scottsdale	SMBG	SM		21977	3	47	8	67	1000	1	35.8	5
UZ750	Watertown	A	STD		17478	3	50	15					5
UZ850	Watertown	A	STD		17635	3	50	15					10
1N5085	Santa Ana	A	STD		3193	3	50	15	50		1	38	5
3EZ51D5	Scottsdale	DO-41	STD		5660	3	51	15	45	1500	0.5	38.8	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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