

Zener Regulator Diodes

Microsemi
Program Formed by TriQuint

Part Number	Microsemi Division	Package Outline	Type	Mil Spec	Data Sheet ID	Power (W)	Vz (V)	Izt (mA)	Zzt (Ω)	Zzk (Ω)	IR (μ A)	VR (V)	Tol. (+/-%)
3EZ100D5	Scottsdale	DO-41	STD		5623	3	100	7.5	160	3000	0.5	76	5
SMAJ5949	Scottsdale	DO-214AC	SM		22775	3	100	3.7	250	3100	1	76	
SMBG5949B	Scottsdale	SMBG	SM		21985	3	100	3.7	250	3100	1	76	5
UZ111	Watertown	A	STD		17317	3	110	5					5
UZ211	Watertown	A	STD		17338	3	110	5					10
3EZ110D5	Scottsdale	DO-41	STD		5625	3	110	6.8	225	4000	0.5	83.6	5
1N5096	Santa Ana	A	STD		3204	3	110	5	250		1	83.6	5
SMAJ5950	Scottsdale	DO-214AC	SM		22776	3	110	3.4	300	4000	1	83.6	
SMBG5950B	Scottsdale	SMBG	SM		21986	3	110	3.4	300	4000	1	83.6	5
UZ112	Watertown	A	STD		17318	3	120	5					5
UZ212	Watertown	A	STD		17339	3	120	5					10
3EZ120D5	Scottsdale	DO-41	STD		5627	3	120	6.3	300	4500	0.5	91.2	5
1N5097	Santa Ana	A	STD		3205	3	120	5	325		1	91.2	5
SMAJ5951	Scottsdale	DO-214AC	SM		22777	3	120	3.1	380	4500	1	91.2	
SMBG5951B	Scottsdale	SMBG	SM		21987	3	120	3.1	380	1500	1	91.2	5
UZ113	Watertown	A	STD		17319	3	130	5					5
UZ213	Watertown	A	STD		17340	3	130	5					10
1N5098	Santa Ana	A	STD		3206	3	130	5	375		1	98.8	5
3EZ130D5	Scottsdale	DO-41	STD		5629	3	130	5.8	375	5000	0.5	98.8	5
SMAJ5952	Scottsdale	DO-214AC	SM		22778	3	130	2.9	450	5000	1	98.8	
SMBG5952B	Scottsdale	SMBG	SM		21988	3	130	2.9	450	5000	1	98.8	5
UZ114	Watertown	A	STD		17320	3	140	5					5
UZ214	Watertown	A	STD		17341	3	140	5					10
3EZ140D5	Scottsdale	DO-41	STD		5631	3	140	5.3	475	5000	0.5	106	5
1N5099	Santa Ana	A	STD		3207	3	140	5	550		1	106	5
1N4098	Watertown	A	STD		2361	3	150	0.005					5
UZ115	Watertown	A	STD		17321	3	150	5					5
UZ215	Watertown	A	STD		17342	3	150	5					10
3EZ150D5	Scottsdale	DO-41	STD		5633	3	150	5	550	6000	0.5	114	5
SMAJ5953	Scottsdale	DO-214AC	SM		22779	3	150	2.5	600	6000	1	114	
SMBG5953B	Scottsdale	SMBG	SM		21989	3	150	2.5	600	6000	1	114	5
UZ116	Watertown	A	STD		17322	3	160	4					5
UZ216	Watertown	A	STD		17343	3	160	4					10
3EZ160D5	Scottsdale	DO-41	STD		5635	3	160	4.7	625	6500	0.5	122	5
1N5100	Santa Ana	A	STD		3208	3	160	4	700		1	122	5
SMAJ5954	Scottsdale	DO-214AC	SM		22780	3	160	2.3	700	6500	1	122	
SMBG5954B	Scottsdale	SMBG	SM		21990	3	160	2.3	700	6500	1	122	5
UZ117	Watertown	A	STD		17323	3	170	4					5
UZ217	Watertown	A	STD		17344	3	170	4					10
3EZ170D5	Scottsdale	DO-41	STD		5637	3	170	4.4	650	7000	0.5	130	5
1N5101	Santa Ana	A	STD		3209	3	170	4	750		1	129	5
UZ118	Watertown	A	STD		17324	3	180	4					5
UZ218	Watertown	A	STD		17345	3	180	4					10
3EZ180D5	Scottsdale	DO-41	STD		5639	3	180	4.2	700	7000	0.5	137	5
1N5102	Santa Ana	A	STD		3210	3	180	4	850		1	137	5
SMAJ5955	Scottsdale	DO-214AC	SM		22781	3	180	2.1	900	7000	1	137	

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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