

# Zener Regulator Diodes

**Microsemi**  
PHOTONIC POWERED BY TECHNOLOGY

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. (+/-%)
1N4742	Scottsdale	DDO-41	STD		2840	1	12	21	9	700	5	9.1	10
1N4742 (DO41)	Scottsdale	DO-41	STD		2841	1	12	21	9	700	5	9.1	10
1N4742A	Scottsdale	DDO-41	STD		2842	1	12	21	9	700	5	9.1	5
1N4742A (DO41)	Scottsdale	DO-41	STD		2843	1	12	21	9	700	5	9.1	5
JAN1N3022B	Scottsdale	DO-13	STD	115	7006	1	12	21	9	700	10	9.1	5
JANTX1N3022B	Scottsdale	DO-13	STD	115	8806	1	12	21	9	700	10	9.1	5
JANTXV1N3022B	Scottsdale	DO-13	STD	115	10291	1	12	21	9	700	10	9.1	5
MLL3022A	Scottsdale	DO-213AB	SM		12446	1	12	21	9	750	10	9.1	10
MLL3022A-1	Scottsdale	DO-213AB	SM		12447	1	12	21	9	750	10	9.1	10
MLL3022B	Scottsdale	DO-213AB	SM		12448	1	12	21	9	750	10	9.1	5
MLL3022B-1	Scottsdale	DO-213AB	SM		12449	1	12	21	9	750	10	9.1	5
MLL4742A	Scottsdale	DO-213AB	SM		20703	1	12	21	9	700	5	9.1	5
MLQ3022B-1	Scottsdale	DO-213AB	SM		13080	1	12	21	9	700	10	9.1	5
MLX3022B-1	Scottsdale	DO-213AB	SM		13126	1	12	21	9	700	10	9.1	5
MLXV3022B-1	Scottsdale	DO-213AB	SM		13172	1	12	21	9	700	10	9.1	5
UZ8713	Watertown	A	STD		17645	1	13	0.021					5
UZ8813	Watertown	A	STD		17674	1	13	0.021					10
1N3023A	Scottsdale	DO-13	STD		1850	1	13	19	10	700	10	9.9	10
1N3023B	Scottsdale	DO-13	STD		1851	1	13	19	10	700	10	9.9	5
1N4743	Scottsdale	DDO-41	STD		2844	1	13	19	10	700	5	9.9	10
1N4743 (DO41)	Scottsdale	DO-41	STD		2845	1	13	19	10	700	5	9.9	10
1N4743A	Scottsdale	DDO-41	STD		2846	1	13	19	10	700	5	9.9	5
1N4743A (DO41)	Scottsdale	DO-41	STD		2847	1	13	19	10	700	5	9.9	5
JAN1N3023B	Scottsdale	DO-13	STD	115	7007	1	13	19	10	700	10	9.9	5
JANTX1N3023B	Scottsdale	DO-13	STD	115	8807	1	13	19	10	700	10	9.9	5
JANTXV1N3023B	Scottsdale	DO-13	STD	115	10292	1	13	19	10	700	10	9.9	5
MLL3023A	Scottsdale	DO-213AB	SM		12450	1	13	19	10	1000	10	9.9	10
MLL3023A-1	Scottsdale	DO-213AB	SM		12451	1	13	19	10	1000	10	9.9	10
MLL3023B	Scottsdale	DO-213AB	SM		12452	1	13	19	10	1000	10	9.9	5
MLL3023B-1	Scottsdale	DO-213AB	SM		12453	1	13	19	10	1000	10	9.9	5
MLL4743A	Scottsdale	DO-213AB	SM		20704	1	13	19	10	700	5	9.9	5
MLQ3023B-1	Scottsdale	DO-213AB	SM		13081	1	13	19	10	700	10	9.9	5
MLX3023B-1	Scottsdale	DO-213AB	SM		13127	1	13	19	10	700	10	9.9	5
MLXV3023B-1	Scottsdale	DO-213AB	SM		13173	1	13	19	10	700	10	9.9	5
UZ8714	Watertown	A	STD		17646	1	14	0.019					5
UZ8814	Watertown	A	STD		17675	1	14	0.019					10
UZ8715	Watertown	A	STD		17647	1	15	0.017					5
UZ8815	Watertown	A	STD		17676	1	15	0.017					10
1N3024A	Scottsdale	DO-13	STD		1852	1	15	17	14	700	10	11.4	10
1N3024B	Scottsdale	DO-13	STD		1853	1	15	17	14	700	10	11.4	5
1N4744	Scottsdale	DDO-41	STD		2848	1	15	17	14	700	5	11.4	10
1N4744 (DO41)	Scottsdale	DO-41	STD		2849	1	15	17	14	700	5	11.4	10
1N4744A	Scottsdale	DDO-41	STD		2850	1	15	17	14	700	5	11.4	5
1N4744A (DO41)	Scottsdale	DO-41	STD		2851	1	15	17	14	700	5	11.4	5
JAN1N3024B	Scottsdale	DO-13	STD	115	7008	1	15	17	14	700	10	11.4	5
JANTX1N3024B	Scottsdale	DO-13	STD	115	8808	1	15	17	14	700	10	11.4	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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