

# Zener Regulator Diodes

**Microsemi**  
ANALOG & POWER SEMICONDUCTORS

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. (+/--%)
1N4737 (DO41)	Scottsdale	DO-41	STD		2821	1	7.5	34	4	700	10	5	10
1N4737A	Scottsdale	DDO-41	STD		2822	1	7.5	34	4	700	10	5	5
1N4737A (DO41)	Scottsdale	DO-41	STD		2823	1	7.5	34	4	700	10	5	5
JAN1N3017B	Scottsdale	DO-13	STD	115	7001	1	7.5	34	4	700	100	5.7	5
JANTX1N3017B	Scottsdale	DO-13	STD	115	8801	1	7.5	34	4	700	100	5.7	5
JANTXV1N3017B	Scottsdale	DO-13	STD	115	10286	1	7.5	34	4	700	100	5.7	5
MLL3017A	Scottsdale	DO-213AB	SM		12426	1	7.5	34	4	750	100	5.7	10
MLL3017A-1	Scottsdale	DO-213AB	SM		12427	1	7.5	34	4	750	100	5.7	10
MLL3017B	Scottsdale	DO-213AB	SM		12428	1	7.5	34	4	750	100	5.7	5
MLL3017B-1	Scottsdale	DO-213AB	SM		12429	1	7.5	34	4	750	100	5.7	5
MLL4737A	Scottsdale	DO-213AB	SM		20698	1	7.5	34	4	700	10	5	5
MLQ3017B-1	Scottsdale	DO-213AB	SM		13075	1	7.5	34	4	700	100	5.7	5
MLX3017B-1	Scottsdale	DO-213AB	SM		13121	1	7.5	34	4	700	100	5.7	5
MLXV3017B-1	Scottsdale	DO-213AB	SM		13167	1	7.5	34	4	700	100	5.7	5
UZ8708	Watertown	A	STD		17641	1	8.2	0.031					5
UZ8808	Watertown	A	STD		17670	1	8.2	0.031					10
1N3018A	Scottsdale	DO-13	STD		1840	1	8.2	31	4.5	700	50	6.2	10
1N3018B	Scottsdale	DO-13	STD		1841	1	8.2	31	4.5	700	50	6.2	5
1N4738	Scottsdale	DDO-41	STD		2824	1	8.2	31	4.5	700	10	6	10
1N4738 (DO41)	Scottsdale	DO-41	STD		2825	1	8.2	31	4.5	700	10	6	10
1N4738A	Scottsdale	DDO-41	STD		2826	1	8.2	31	4.5	700	10	6	5
1N4738A (DO41)	Scottsdale	DO-41	STD		2827	1	8.2	31	4.5	700	10	6	5
JAN1N3018B	Scottsdale	DO-13	STD	115	7002	1	8.2	31	4.5	700	50	6.2	5
JANTX1N3018B	Scottsdale	DO-13	STD	115	8802	1	8.2	31	4.5	700	50	6.2	5
JANTXV1N3018B	Scottsdale	DO-13	STD	115	10287	1	8.2	31	4.5	700	50	6.2	5
MLL3018A	Scottsdale	DO-213AB	SM		12430	1	8.2	31	4.5	750	50	6.2	10
MLL3018A-1	Scottsdale	DO-213AB	SM		12431	1	8.2	31	4.5	750	50	6.2	10
MLL3018B	Scottsdale	DO-213AB	SM		12432	1	8.2	31	4.5	750	50	6.2	5
MLL3018B-1	Scottsdale	DO-213AB	SM		12433	1	8.2	31	4.5	750	50	6.2	5
MLL4738A	Scottsdale	DO-213AB	SM		20699	1	8.2	31	4.5	700	10	6	5
MLQ3018B-1	Scottsdale	DO-213AB	SM		13076	1	8.2	31	4.5	700	50	6.2	5
MLX3018B-1	Scottsdale	DO-213AB	SM		13122	1	8.2	31	4.5	700	50	6.2	5
MLXV3018B-1	Scottsdale	DO-213AB	SM		13168	1	8.2	31	4.5	700	50	6.2	5
UZ8709	Watertown	A	STD		17642	1	9.1	0.028					5
UZ8809	Watertown	A	STD		17671	1	9.1	0.028					10
1N4739	Scottsdale	DDO-41	STD		2828	1	9.1	28	4.5	700	10	7	10
1N4739 (DO41)	Scottsdale	DO-41	STD		2829	1	9.1	28	4.5	700	10	7	10
1N4739A	Scottsdale	DDO-41	STD		2830	1	9.1	28	4.5	700	10	7	5
1N4739A (DO41)	Scottsdale	DO-41	STD		2831	1	9.1	28	4.5	700	10	7	5
1N3019A	Scottsdale	DO-13	STD		1842	1	9.1	28	5	700	25	6.9	10
1N3019B	Scottsdale	DO-13	STD		1843	1	9.1	28	5	700	25	6.9	5
JAN1N3019B	Scottsdale	DO-13	STD	115	7003	1	9.1	28	5	700	25	6.9	5
JANTX1N3019B	Scottsdale	DO-13	STD	115	8803	1	9.1	28	5	700	25	6.9	5
JANTXV1N3019B	Scottsdale	DO-13	STD	115	10288	1	9.1	28	5	700	25	6.9	5
MLL3019A	Scottsdale	DO-213AB	SM		12434	1	9.1	28	5	750	25	6.9	10
MLL3019A-1	Scottsdale	DO-213AB	SM		12435	1	9.1	28	5	750	25	6.9	10

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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