

# Zener and Avalanche Regulator Diodes

In every language under the sun, the name most commonly associated with solid-state regulator and reference devices is Motorola. A pioneer in Zener diodes development, Motorola has consistently led the industry in parameter improvements, packaging proliferation and specifications innovation. Today, Motorola serves the industry with an incomparable line of zener and avalanche regulator diodes, temperature compensated reference devices, and a host of integrated circuits designed to provide the exact degree of regulation required, at the point in the circuit or system where it can be used most conveniently at the lowest cost.

## Plastic

All Motorola Zener diodes are made with the oxide passivated process for the utmost in reliability. Zener diodes are available also in matched pairs, clippers and at special voltages and tolerances. Motorola has the largest availability to military specifications (Jan, Jantx and Jantx V).

POWER	500 mW	1 W	5 W	500 mW
PACKAGE	DO-7	DO-41	Case 17	DO-7
Zener Volts				
2.4	1N5221 B			
2.5	1N5222 B			
2.7	1N5223 B			BZY88C2V7
2.8	1N5224 B			
3.0	1N5225 B			BZY88C3V0
3.3	1N5226 B	1N4728 A	1N5333 B	BZY88C3V3
3.6	1N5227 B	1N4729 A	1N5334 B	BZY88C3V6
3.9	1N5228 B	1N4730 A	1N5335 B	BZY88C3V9
4.3	1N5229 B	1N4731 A	1N5336 B	BZY88C4V3
4.7	1N5230 B	1N4732 A	1N5337 B	BZY88C4V7
5.1	1N5231 B	1N4733 A	1N5338 B	BZY88C5V1
5.6	1N5232 B	1N4734 A	1N5339 B	BZY88C5V6
6.0	1N5233 B		1N5340 B	
6.2	1N5334 B	1N4735 A	1N5341 B	BZY88C6V2
6.8	1N5235 B	1N4736 A	1N5342 B	BZY88C6V8
7.5	1N5236 B	1N4737 A	1N5343 B	BZY88C7V5
8.2	1N5237 B	1N4738 A	1N5344 B	BZY88C8V2
8.7	1N5238 B		1N5345 B	
9.1	1N5239 B	1N4739 A	1N5346 B	BZY88C9V1
10	1N5240 B	1N4740 A	1N5347 B	BZY88C10
11	1N5241 B	1N4741 A	1N5348 B	BZY88C11
12	1N5242 B	1N4742 A	1N5349 B	BZY88C12
13	1N5243 B	1N4743 A	1N5350 B	BZY88C13
14	1N5244 B		1N5351 B	BZY88614
15	1N5245 B	1N4744 A	1N5352 B	BZY88C15
16	1N5246 B	1N4745 A	1N5353 B	BZY88C16
17	1N5247 B		1N5354 B	
18	1N5248 B	1N4746 A	1N5355 B	BZY88C18
19	1N5249 B		1N5356 B	
20	1N5250 B	1N4747 A	1N5357 B	BZY88C20
22	1N5251 B	1N4748 A	1N5358 B	BZY88C22
24	1N5252 B	1N4749 A	1N5359 B	BZY88C24
25	1N5253 B		1N5360 B	
27	1N5254 B	1N4750 A	1N5361 B	BZY88C27
28	1N5255 B		1N5362 B	
30	1N5256 B	1N4751 A	1N5363 B	BZY88C30
33	1N5257 B	1N4752 A	1N5364 B	BZY88C33
36	1N5258 B	1N4753 A	1N5365 B	
39	1N5259 B	1N4754 A	1N5366 B	
43	1N5260 B	1N4755 A	1N5367 B	
47	1N5261 B	1N4756 A	1N5368 B	
51	1N5262 B	1N4757 A	1N5369 B	
56	1N5263 B	1N4758 A	1N5370 B	
60	1N5264 B		1N5371 B	
62	1N5265 B	1N4759 A	1N5372 B	

Note: All the above preferred types have 50/o tolerance.