

## Product Overview

### MM3Z3V3S: 3.3 V $\pm 2\%$ Tight Tolerance Zener Diode Voltage Regulator

For complete documentation, see the data sheet

This Zener Diode Voltage Regulator is packaged in a SOD323 surface mount package, which has a power dissipation of 300 milliwatts. It is designed to provide voltage regulation protection and is especially attractive in situations where space is at a premium. It is well suited for applications such as cellular phones, hand held portables and high density PC boards

### Features

- Standard Zener Breakdown Voltage Range - 2.4 V to 75 V
- Steady State Power Rating of 300 mW
- ESD Rating of Class 3 (>16 KV) per Human Body Model

Mechanical Characteristics:

- Tight Tolerance
- MAXIMUM CASE TEMPERATURE FOR SOLDERING PURPOSES: 260°C for 10 Seconds
- FLAMMABILITY RATING: UL94 V-0
- These Devices are PbFree, Halogen Free/BFR Free and are RoHS Compliant
- AEC-Q101 Qualified and PPAP Capable
- SZ Prefix for Automotive and Other Applications Requiring Unique Site and Control Change Requirements

### Applications

- Tight tolerance Zener voltage regulation

### Part Electrical Specifications

Product	Compliance	Status	V <sub>Z</sub> Typ (V)	P Max (W)	Package Type
MM3Z3V3ST1G	AEC Qualified	Active	3.3	0.3	SOD-323
	Pb-free				
	Halide free				
MM3Z3V3ST3G	AEC Qualified	Active	3.3	0.3	SOD-323
	Pb-free				
	Halide free				
SZMM3Z3V3ST1G	AEC Qualified	Active	3.3	0.3	SOD-323
	PPAP Capable				
	Pb-free				
	Halide free				
SZMM3Z3V3ST3G	AEC Qualified	Active	3.3	0.3	SOD-323
	PPAP Capable				
	Pb-free				
	Halide free				

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