

Product Overview

MM3Z6V2S: 6.2 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 200 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 200 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	Pricing (\$/Unit)	Compliance	Status	V _Z Typ (V)	P Max (W)	Package Type
MM3Z6V2ST1G	0.0187	Pb-free Halide free	Active	6.2	0.3	SOD-323
SZMM3Z6V2ST1G	0.0544	AEC Qualified PPAP Capable Pb-free Halide free	Active	6.2	0.3	SOD-323

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