



Product Overview

MM3Z5V6: Zener Diode Voltage Regulator, Surface Mount, 300 mW

For complete documentation, see the data sheet

Product Description

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
- Small Body Outline Dimensions: 0.067" X 0.049" (1.7 mm X 1.25 mm)
- Low Body Height: 0.035" (0.9 mm)
- Mechanical Characteristics
- Package Weight: 4.507 mg/unit
- ESD Rating of Class 3 (>16 KV) per Human Body Model

Mechanical Characteristics:

- CASE: Void-free, transfer-molded plastic
- FINISH: All external surfaces are corrosion resistant
- MAXIMUM CASE TEMPERATURE FOR SOLDERING PURPOSES: 260°C for 10 Seconds
- LEADS: Plated with Pb/Sn or Sb only (Pb-Free)

Applications

- Zener voltage regulation

Part Electrical Specifications

Product	Compliance	Status	V _Z Typ (V)	P Max (W)	Package Type
MM3Z5V6T1G	AEC Qualified Pb-free Halide free	Active	5.6	0.3	SOD-323
SZMM3Z5V6T1G	AEC Qualified PPAP Capable Pb-free Halide free	Active	5.6	0.3	SOD-323

For more information please contact your local sales support at www.onsemi.com

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