

Product Overview

MM5Z3V9: Zener Diode, 500 mW 3.9 V $\pm 5\%$ SOD-523 Package

For complete documentation, see the data sheet.

This Zener Diode Voltage Regulator is packaged in the SOD-523 surface mount package. 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

- Small Body Outline Dimensions: 0.047in x 0.032in (1.20mm x 0.80mm)
- Steady State Power Rating of 500mW
- ESD Rating of Class 3 (>16kV) Human Body Model
- UL94, VO Rating
- SZ Prefix for AEC-Q101 and Other Applications Requiring Unique Site and Control Change Requirements
- Standard Zener Breakdown Voltage Range: 5% Tolerance
- Pb-Free and RoHS Compliant

Benefits

- Small PCB Footprint
- High Power Density
- High EMC Survivability
- High Flammability Rating
- Automotive Qualified and PPAP Capable

Applications

- Voltage Regulation
- Protection

End Products

- Cellular Handsets
- Automotive Electronic Control Units (ECU)

Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	V _Z Typ (V)	P Max (W)	Package Type
MM5Z3V9T1G	0.0279	Pb-free Halide free non AEC-Q and PPAP	Active	3.9	0.5	SOD-523-2
MM5Z3V9T5G	0.0279	Pb-free Halide free non AEC-Q and PPAP	Active	3.9	0.5	SOD-523-2
SZMM5Z3V9T1G	0.0761	AEC Qualified PPAP Capable Pb-free Halide free	Active	3.9	0.5	SOD-523-2
SZMM5Z3V9T5G	0.0761	AEC Qualified PPAP Capable Pb-free Halide free	Active	3.9	0.5	SOD-523-2

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

Created on: 9/19/2021