

Product Overview

MM5Z6V2S: 500 mW 6.2 V $\pm 2\%$ Tight Tolerance Zener Diode Voltage Regulator

For complete documentation, see the data sheet.

This series of Zener diodes is packaged in a SOD-523 surface mount package. They are designed to provide voltage regulation protection and are especially attractive in situations where space is at a premium. They are 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 18 V
- Steady State Power Rating of 200 mW
- Small Body Outline Dimensions: 0.047 x 0.032 (1.20 mm x 0.80 mm)
- Low Body Height: 0.028 (0.7 mm)
- ESD Rating of Class 3 (>16 kV) per Human Body Model
- Tight Tolerance VZ
- These are PbFree Devices
- AEC-Q101 Qualified and PPAP Capable
- SZ Prefix for Automotive and Other Applications Requiring Unique Site and Control Change Requirements

Applications

- Cellular phones, Handheld Portables, and high density PC Boards

Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	V _Z Typ (V)	P Max (W)	Package Type
MM5Z6V2ST1G	0.028	Pb-free Halide free	Active	6.2	0.5	SOD-523-2
MM5Z6V2ST5G	0.028	Pb-free Halide free	Active	6.2	0.5	SOD-523-2
SZMM5Z6V2ST1G	0.07	AEC Qualified PPAP Capable Pb-free Halide free	Active	6.2	0.5	SOD-523-2
SZMM5Z6V2ST5G	0.0667	AEC Qualified PPAP Capable Pb-free Halide free	Active	6.2	0.5	SOD-523-2

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

Created on: 7/8/2020