

## Product Overview

### MMSZ4690: 5.6 V Low Current Zener Diode Voltage Regulator

For complete documentation, see the data sheet.

Three complete series of Zener diodes are offered in the convenient, surface mount plastic SOD-123 package.

#### Features

- 500 mW Rating on FR-4 or FR-5 Board
- Wide Zener Reverse Voltage Range - 1.8 V to 43 V
- Package Designed for Optimal Automated Board Assembly
- Small Package Size for High Density Applications
- ESD Rating of Class 3 (exceeding 16 kV) per the Human Body Model

##### Mechanical Characteristics:

- CASE: Void-free, transfer-molded, thermosetting plastic case
- FINISH: Corrosion resistant finish, easily solderable
- MAXIMUM CASE TEMPERATURE FOR SOLDERING PURPOSES: 260°C for 10 Seconds
- POLARITY: Cathode indicated by polarity band
- FLAMMABILITY RATING: UL94 V-0

For more features, see the data sheet

#### Part Electrical Specifications

Product	Compliance	Status	V <sub>z</sub> Typ (V)	P Max (W)	Package Type
MMSZ4690T1G	AEC Qualified Pb-free Halide free	Active	5.6	0.5	SOD-123
MMSZ4690T3G	AEC Qualified Pb-free Halide free	Active	5.6	0.5	SOD-123
SZMMSZ4690T1G	AEC Qualified PPAP Capable Pb-free Halide free	Active	5.6	0.5	SOD-123
SZMMSZ4690T3G	AEC Qualified PPAP Capable Pb-free Halide free	Active	5.6	0.5	SOD-123

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com).

Created on: 3/17/2018