



# 1PGSMC5348 – 1PGSMC5369

5W, 11V-51V Voltage Regulator Diode

DO-214AB (SMC)



TSC introduces the new high temperature reliable 5W Power Zener Product Series in SMC package with Junction/Storage Temperature up to 175°C, which are designed for high frequency switched mode power supplies and on board DC to DC converters.

## Features:

- Photo Glass passivated junction
- Silicon zener diodes
- Low profile surface-mount package
- Zener and surge current specification
- Low leakage current
- Excellent stability
- Compliant to RoHS Directive 2011/65/EU and in accordance to WEEE 2002/96/EC
- Halogen-free according to IEC 61249-2-21

## Applications:

- General purpose regulations and protection applications.
- Switching mode power supply (SMPS)
- Adapters
- Lighting application
- On-board DC/DC converter

**Comparable Alternative:**

TSC	Package	Panjit	Comchip
1PGSMC5348 – 1PGSMC5369	DO-214AB (SMC)	1SMC5334 Series	ACZRC5333B-G thru ACZRC5388-G

**Package Information:**

Outline (Package)	Reel	Inner Box	Carton	Carton Size	Gross Weight	Packing Code
	(pcs)	(pcs)	(pcs)	(mm)	(kg/carton)	
SMC	850/7" Plastic	3,400	17,000	385*210*230	7.5	R7G
SMC	3,000/13" Paper	6,000	30,000	360*355*245	13.4	R6G
SMC	3,000/13" Plastic	6,000	30,000	360*355*245	13.2	M6G

Samples of 1PGSMC5348 – 1PGSMC5369 can be ordered on Product Detail page:  
<http://www.taiwansemi.com/en/products/details/1PGSMC5348>

For pricing and more information, please contact TSC sales or authorized distributors worldwide:

<http://www.taiwansemi.com/en/contact>