

## Product Overview

### BAS16W: 100 V Switching Diode

For complete documentation, see the data sheet.

The Switching Diode is designed for use in ultra high speed switching applications. This device is housed in the SC-70 package which is designed for low power surface mount applications.

### Features

- Pb-Free Package is Available
- S Prefix for Automotive and Other Applications Requiring Unique Site and Control Change Requirements; AECQ101 Qualified and PPAP Capable

### Part Electrical Specifications

Product	Compliance	Status	Configuration	$V_R$ Min (V)	$V_F$ Max (V)	$I_R$ Max ( $\mu$ A)	$I_F$ Max (A)	$t_{rr}$ Max (ns)	$C_D$ Max (pF)	Package Type
BAS16WT1G	Pb-free	Active	Single	100	1	0.02	0.2	6	2	SC-70-3 / SOT-323-3
	Halide free									
NSVBAS16WT3G	AEC Qualified	Active	Single	100	1	0.02	0.2	6	2	SC-70-3 / SOT-323-3
	PPAP Capable									
	Pb-free									
	Halide free									
SBAS16WT1G	AEC Qualified	Active	Single	100	1	0.02	0.2	6	2	SC-70-3 / SOT-323-3
	PPAP Capable									
	Pb-free									
	Halide free									

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