

## Product Overview

### BAS21HT: 250 V Switching Diode High Voltage

For complete documentation, see the data sheet.

The high voltage switching diode is designed for high voltage, high speed switching applications. This device is housed in a SOD-323 surface mount package which is ideal for automated insertion.

### Features

- NSV Prefix for Automotive and Other Applications Requiring Unique Site and Control Change Requirements; AEC-Q101 Qualified and PPAP Capable
- These Devices are Pb-Free, Halogen Free/BFR Free and are RoHS Compliant

### Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Configuration	V <sub>R</sub> Min (V)	V <sub>F</sub> Max (V)	I <sub>R</sub> Max (μA)	I <sub>F</sub> Max (A)	t <sub>r</sub> Max (ns)	C <sub>D</sub> Max (pF)	Package Type
BAS21HT1G	0.0373	Pb-free Halide free non AEC-Q and PPAP	Active	Single	250	1	1	0.2	50	5	SOD-323
BAS21HT3G	0.0376	Pb-free Halide free non AEC-Q and PPAP	Active	Single	250	1	1	0.2	50	5	SOD-323
NSVBAS21HT1G	0.0333	AEC Qualified PPAP Capable Pb-free Halide free	Active	Single	250	1	1	0.2	50	5	SOD-323
NSVBAS21HT3G	0.0253	AEC Qualified PPAP Capable Pb-free Halide free	Active	Single	250	1	1	0.2	50	5	SOD-323

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

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