

## Product Overview

### BAT54SW: 30 V Schottky Diode, dual, series

For complete documentation, see the data sheet.

The Schottky diode is designed for high speed switching applications, circuit protection and voltage clamping. Extremely low forward voltage reduces conduction loss. The miniature surface mount package is excellent for hand held and portable applications, where space is limited.

### Features

- Extremely Fast Switching Speed
- Low Forward Voltage 0.35 Volts (Typ) @  $I_F = 10 \text{ mAdc}$
- Pb-Free Package is Available
- NSV Prefix for Automotive and Other Applications Requiring Unique Site and Control Change Requirements; AEC Qualified and PPAP Capable

### Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Configuration	$V_{RRM}$ Min (V)	$V_F$ Max (V)	$I_{RM}$ Max ( $\mu\text{A}$ )	$I_{O(Rec)}$ Max (A)	$I_{FSM}$ Max (A)	$t_{rr}$ Max (ns)	$C_j$ Max (pF)	Package Type
BAT54SWT1G	0.0289	Pb-free Halide free	Active	Series	30	0.32	2	0.2	0.6	5	10	SC-70-3 / SOT-323-3
NSVBAT54SWT1G	0.0752	AEC Qualified PPAP Capable Pb-free Halide free	Active	Series	30	0.32	2	0.2	0.6	5	10	SC-70-3 / SOT-323-3

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