

Product Overview

BAS40L: 40 V Schottky Diode

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 0.50 Volts (Typ) @ IF = 10 mAdc
- Pb-Free Package is Available
- S 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 (μA)	I _{O(rec) Max} (A)	I _{FSM} Max (A)	t _{rr} Max (ns)	C _J Max (pF)	Package Type
BAS40LT1G	0.0315	Pb-free	Active	Single	40	0.38	1	0.12	0.2	-	5	SOT-23-3
		Halide free										
BAS40LT3G	0.0315	Pb-free	Active	Single	40	0.38	1	0.12	0.2	-	5	SOT-23-3
		Halide free										
SBAS40LT1G	0.088	AEC Qualified	Active	Single	40	0.38	1	0.12	0.2	-	5	SOT-23-3
		PPAP Capable										
		Pb-free										
		Halide free										
SBAS40LT3G	0.088	AEC Qualified	Active	Single	40	0.38	1	0.12	0.2	-	5	SOT-23-3
		PPAP Capable										
		Pb-free										
		Halide free										

For more information please contact your local sales support at www.onsemi.com.

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