

Product Overview

BAT54XV2: 200 mA, 30 V Schottky Diode

For complete documentation, see the data sheet.

This 200 mA, 30 V 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

- Lower forward voltage (VF)
- S Prefix for Automotive and Other Applications Requiring Unique Site and Control Change Requirements; AECQ101 Qualified and PPAP Capable
- These Devices are Pb-Free, Halogen Free/BFR Free and are RoHS Compliant

Benefits

- Reduces conduction loss

Applications

- Highspeed switching

End Products

- General use

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
BAT54XV2T1G	0.0267	Pb-free	Active	Single	30	0.32	2	0.2	0.6	5	10	SOD-523-2
		Halide free										
BAT54XV2T5G	0.0267	Pb-free	Active	Single	30	0.32	2	0.2	0.6	5	10	SOD-523-2
		Halide free										
SBAT54XV2T1G	0.0629	AEC Qualified	Active	Single	30	0.32	2	0.2	0.6	5	10	SOD-523-2
		PPAP Capable										
		Pb-free										
		Halide free										
SBAT54XV2T5G	0.0629	AEC Qualified	Active	Single	30	0.32	2	0.2	0.6	5	10	SOD-523-2
		PPAP Capable										
		Pb-free										
		Halide free										

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Created on: 8/8/2020