

Product Overview

BAT54CL: Schottky Diode, Dual Common Cathode, 30 V

For complete documentation, see the data sheet.

The Common Cathode Schottky Diode is designed for high speed switching applications, circuit protection and voltage clamping. Extremely low forward voltage reduces conduction loss. 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
- S Prefix for Automotive and Other Applications Requiring Unique Site and Control Change Requirements; AEC Qualified and PPAP Capable

Applications

- Portable Devices

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_r Max (ns)	C_j Max (pF)	Package Type
BAT54CLT1G	0.0167	Pb-free Halide free	Active	Common Cathode	30	0.32	2	0.2	0.6	5	10	SOT-23-3
BAT54CLT3G	0.0167	Pb-free Halide free	Active	Common Cathode	30	0.32	2	0.2	0.6	5	10	SOT-23-3
SBAT54CLT1G	0.0367	AEC Qualified PPAP Capable Pb-free Halide free	Active	Common Cathode	30	0.32	2	0.2	0.6	5	10	SOT-23-3

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

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