

Product Overview

SB10-05P: 1.0 A, 50 V, Schottky Barrier Diode, Low IR, Single

For complete documentation, see the data sheet.

SB10-05P is a Schottky Barrier Diode, 50V, 1A, Low IR, Single for high frequency circuit rectification in switching regulators, converters, choppers, etc.

Features

- Low forward voltage (V_F max=0.55V)
- Short Reverse Recovery Time (t_{rr} max=10ns)
- Low Switching Noise
- Low Leakage Current and High Reliability Due to Reliable Planar Structure
- Pb-Free and RoHS Compliance

Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Configuration	V_{RRM} Min (V)	V_F Max (V)	I_{RM} Max (μ A)	$I_{O(rec)}$ Max (A)	I_{FSM} Max (A)	t_{rr} Max (ns)	C_j Max (pF)	Package Type
SB10-05P-TD-E	0.2192	Pb-free non AEC-Q and PPAP	Active	Single	50	0.55	80	1	10	10	52	SOT-89 / PCP-1

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

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