

## Product Overview

### MBR440MFS: Schottky Power Rectifier, Switch-mode, 4.0 A, 40 V

For complete documentation, see the data sheet.

MBR440MFS

### Applications

- Ideally Suited for use as an Output Rectifier in High Frequency (up to 2 MHz) Automotive and NonAutomotive Applications
- Output Rectification in Compact Portable Consumer Applications
- Freewheeling Diode used with Inductive Loads

### Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Configuration	V <sub>RRM</sub> Min (V)	V <sub>F</sub> Max (V)	I <sub>RM</sub> Max (μA)	I <sub>O(rec)</sub> Max (A)	I <sub>FSM</sub> Max (A)	t <sub>rr</sub> Max (ns)	C <sub>j</sub> Max (pF)	Package Type
MBR440MFST1G	0.1315	Pb-free	Active	Single	40	0.65	800	4	40	-	-	SO-8FL / DFN-5
		Halide free										
MBR440MFST3G	0.0733	Pb-free	Active	Single	40	0.65	800	4	40	-	-	SO-8FL / DFN-5
		Halide free										
NRVB440MFST1G	0.1328	AEC Qualified	Active	Single	40	0.65	800	4	40	-	-	SO-8FL / DFN-5
		PPAP Capable										
		Pb-free										
		Halide free										
NRVB440MFST3G	0.138	AEC Qualified	Active	Single	40	0.65	800	4	40	-	-	SO-8FL / DFN-5
		PPAP Capable										
		Pb-free										
		Halide free										
NRVB440MFSWFT1G	0.2005	AEC Qualified	Active		40	0.65	800	4	40	-	-	SO-8FL / DFN-5
		PPAP Capable										
		Pb-free										
		Halide free										
NRVB440MFSWFT3G	0.2005	AEC Qualified	Active		40	0.65	800	4	40	-	-	SO-8FL / DFN-5
		PPAP Capable										
		Pb-free										
		Halide free										

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