



## Product Overview

### MBR860MFS: 8 A, 60 V Schottky Diode in SO-8FL

For complete documentation, see the data sheet

#### Product Description

8 A, 60 V Schottky Diode in SO-8FL

#### Features

- Low Power Loss / High Efficiency
- New Package Provides Capability of Inspection and Probe After Board Mounting
- Guardring for Stress Protection
- Low Forward Voltage Drop
- 175°C Operating Junction Temperature
- Wettable Flacks Option Available
- NRVB Prefix for Automotive and Other Applications Requiring Unique Site and Control Change Requirements; AEC-Q101 Qualified and PPAP Capable
- These are Pb-Free Devices

#### Applications

- Automotive engine control modules
- Automotive infotainment modules
- Automotive LED headlighting
- Compact notebook adapters
- High frequency SMPS

#### End Products

- Automotive

#### Part Electrical Specifications

Product	Compliance	Status	Configuration	$V_{RRM}$ Min (V)	$V_F$ Max (V)	$I_{RM}$ Max (uA)	$I_{O(rec)}$ Max (A)	$I_{FSM}$ Max (A)	$t_r$ Max (ns)	$C_j$ Max (pF)	Package Type
MBR860MFST1G	AEC Qualified Pb-free Halide free	Active	Single	60	0.8	150	8	150			SO-8FL / DFN-5
MBR860MFST3G	AEC Qualified Pb-free Halide free	Active	Single	60	0.8	150	8	150			SO-8FL / DFN-5
NRVB860MFST1G	AEC Qualified PPAP Capable Pb-free Halide free	Active	Single	60	0.8	150	8	150			SO-8FL / DFN-5
NRVB860MFST3G	AEC Qualified PPAP Capable Pb-free Halide free	Active	Single	60	0.8	150	8	150			SO-8FL / DFN-5

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com)

Created on: 7/11/2015