



100 V Trench MOS Barrier Gen 3 Schottky Rectifiers

SlimSMA (DO-221AC) and SMPA (DO-221BC) Packages

FEATURES

Very low profile - typical height of 0.95 mm

Ideal for automated placement

Low power losses, high efficiency

Low forward voltage drop

Trench MOS Schottky technology



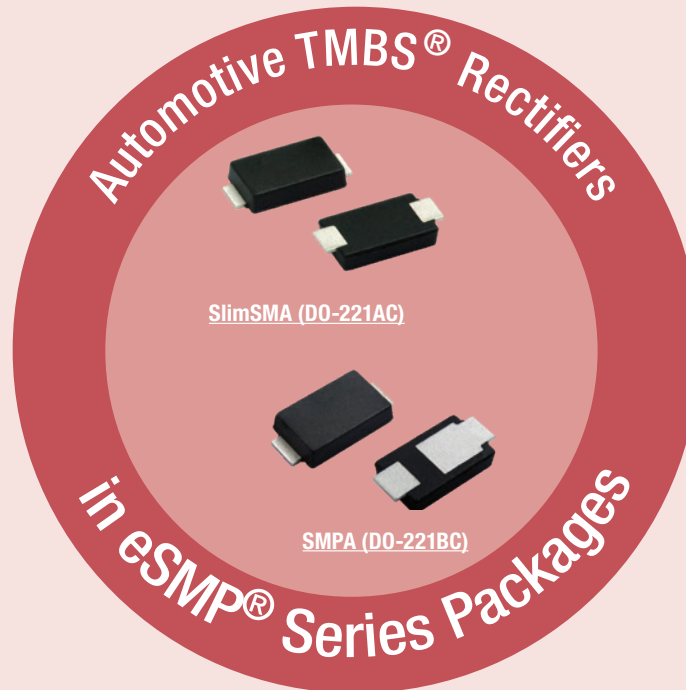
AEC-Q101 qualified



Forward current: 3 A, 5 A, and 8 A



Operating junction temperature up to 175 °C



APPLICATIONS

For use in high frequency inverters, freewheeling, DC/DC converters, and polarity protection in commercial, industrial, and automotive applications



AUTOMOTIVE



INDUSTRIAL



**DC/DC CONVERTERS
FREE WHEELING**

AUTOMOTIVE PORTFOLIO

Part Number	Rev. Voltage (V)	I _{F(AV)} (A)	V _F at I _F (V at A)	I _{FSM} (A)	T _J max. (°C)	Package (JEDEC [®]) Code	Circuit Configuration
VSSAF3103	100	3	0.52	80	150	SlimSMA (DO-221AC)	Single
VSSAF3M10	100	3	0.56	80	175	SlimSMA (DO-221AC)	Single
VSSAF5103	100	5	0.59	100	150	SlimSMA (DO-221AC)	Single
VSSAF5M103	100	5	0.59	100	175	SlimSMA (DO-221AC)	Single
V8PA103	100	8	0.59	100	150	SMPA (DO-221BC)	Single
V8PAM103	100	8	0.6	100	175	SMPA (DO-221BC)	Single
V8PAM103S	100	8	0.63	90	175	SMPA (DO-221BC)	Single

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