



Surface-Mount Trench MOS Barrier Schottky Rectifiers in Space-Saving DFN3820A Package With Wettable Flanks

FEATURES

Low profile - typical height of 0.88 mm

High current density and high efficiency capability

Extremely low forward voltage

Compatible with SMP (DO-220AA) package case outline



AEC-Q101 qualified available



Forward current: 2 A, 3 A, 5 A, and 7 A



Operating junction temperature
up to 175 °C

APPLICATIONS

For use in low voltage, high frequency inverters, freewheeling, DC/DC converters, and polarity protection applications



AUTOMOTIVE



INDUSTRIAL



DC/DC CONVERTERS
FREEWHEELING



COMPUTER



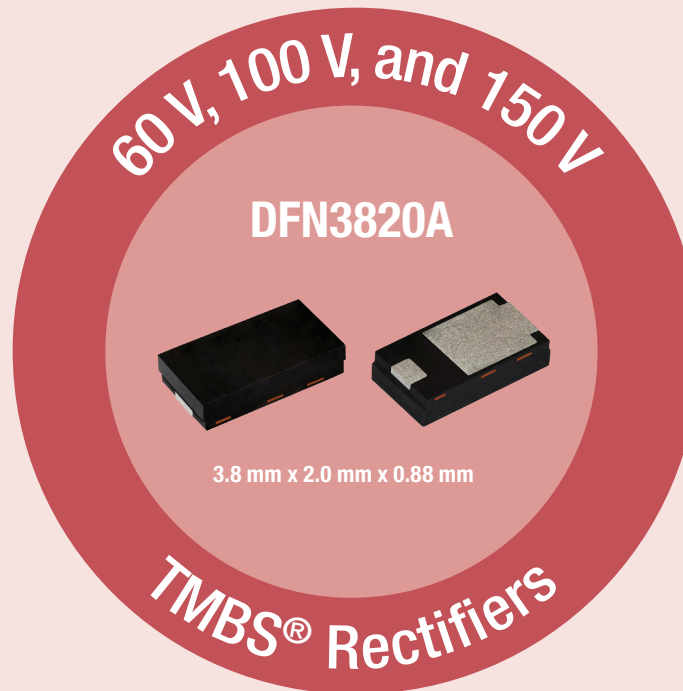
ENERGY SECTOR



CONSUMER



CONNECTIVITY



PRODUCT PORTFOLIO

Part Number	$I_{F(AV)}$ (A)	I_{FSM} (A)	Rev. Voltage (V)	V_F at I_F (V)	T_J Max. (°C)
V2NM153	2	50	150	0.56	175
V2NL63	2	50	60	0.36	150
V2NM63	2	50	60	0.42	175
V2N103	2	50	100	0.45	150
V2NM103	2	50	100	0.48	175
V3NM153	3	80	150	0.55	175
V3NL63	3	80	60	0.35	150
V3NM63	3	80	60	0.42	175
V3N103	3	80	100	0.43	150
V3NM103	3	80	100	0.46	175
V5NM153	5	100	150	0.56	175
V5NL63	5	100	60	0.35	150
V5NM63	5	100	60	0.43	175
V5N103	5	100	100	0.46	150
V5NM103	5	100	100	0.49	175
V7NM153	7	120	150	0.56	175
V7NL63	7	120	60	0.37	150
V7NM63	7	120	60	0.43	175
V7N103	7	120	100	0.45	150
V7NM103	7	120	100	0.49	175