



Industry-First Rectifiers and TVS in DFN3820A Package

Power DFN - Power-Dual Flat, No-Leads Package Series

FEATURES

Extremely low profile and small dimensions: compact 3.8 mm by 2.0 mm footprint and height of 0.88 mm

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

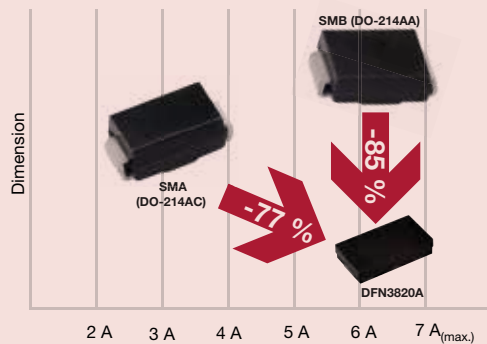
Offer AOI-capable package with wettable flanks

Rectifiers with maximum current rating up to 7 A, equivalent to larger SMPC (TO-277A) package, and more than double the performance under thermal equilibrium conditionals compared to the SMP (DO-220AA)

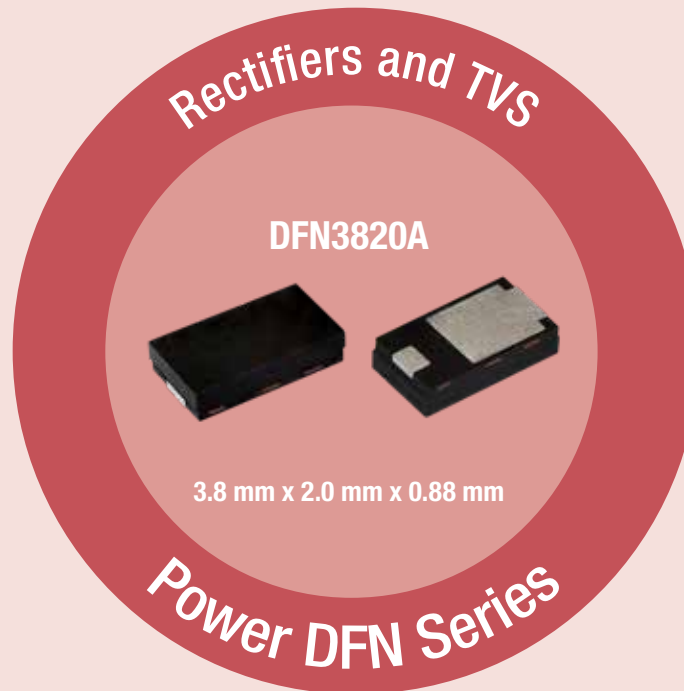
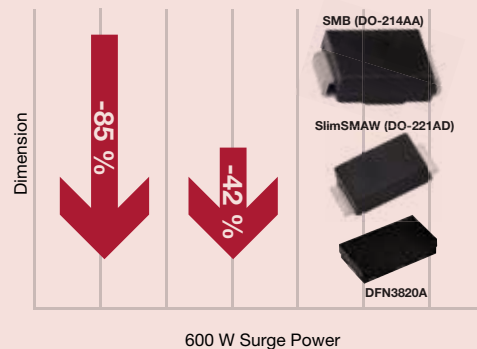
600 W unidirectional TVS in DFN3820A, surge power equivalent to conventional SMB (DO-214AA) package

AEC-Q101 and Vishay Automotive Grade qualified

COMPARISON OF CURRENT RATINGS AND DIMENSIONS



COMPARISON OF SURGE POWER AND DIMENSIONS



PRODUCT TECHNOLOGIES AVAILABLE IN POWER DFN PACKAGE

- [Standard rectifiers](#)
- [FRED Pt[®] ultrafast rectifiers](#)
- [TMBS[®] Schottky rectifiers](#)
- [Transient voltage suppressors](#)

LEARN MORE

- [Up to 600 V standard rectifiers](#)
- [200 V FRED Pt[®] ultrafast rectifiers](#)
- [Up to 150 V TMBS[®] Schottky rectifiers](#)
- [600 W TRANSZORB[®] and PAR[®] TVS](#)

APPLICATIONS



AUTOMOTIVE



DC/DC FREEWHEELING CONVERTERS



CONSUMER



INDUSTRIAL



COMPUTER



CONNECTIVITY

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