



TMBS[®] RECTIFIERS IN eSMP[®] SERIES PACKAGES

Trench MOS Barrier Schottky Technology in Space-Saving Footprints and Low Profile Package Solutions

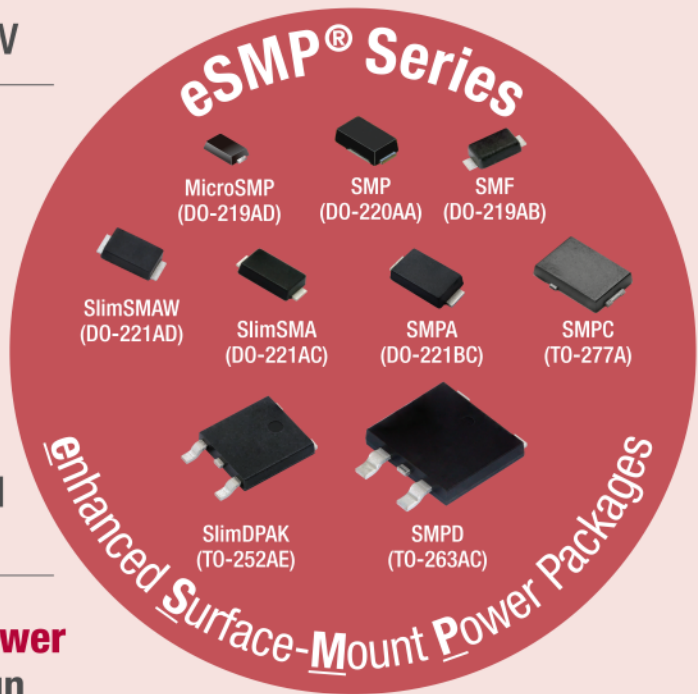
Reverse voltage from 45 V to 200 V

Current range from 1 A to 60 A

Low profile package heights

Low power losses and high efficiency

Trench MOS Schottky technology provides low forward voltage drop



Select **TMBS[®]** rectifiers available in the following packages:

eSMP[®] series

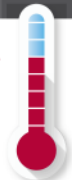
- [MicroSMP \(DO-219AD\)](#)
- [SlimDPAK \(TO-252AE\)](#)
- [SlimSMA \(DO-221AC\)](#)
- [SlimSMAW \(DO-221AD\)](#)
- [SMF \(DO-219AB\)](#)
- [SMP \(DO-220AA\)](#)
- [SMPA \(DO-221BC\)](#)
- [SMPC \(TO-277A\)](#)
- [SMPD \(TO-263AC\)](#)

Enable **higher current** and **power efficiency** with a **unique design** that promotes **better thermal performance** and **reliability**

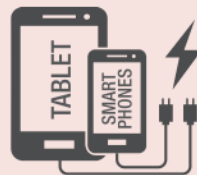
MAXIMUM OPERATING JUNCTION TEMPERATURE

Up to 175 °C

For M type Schottky barrier part numbers



APPLICATIONS



DC/DC CONVERTERS, FREE-WHEELING



AEC-Q101 Qualified



TMBS[®] **AEC-Q101 qualified** products have undergone **part average testing (PAT)** and **statistical yield limit (SYL)** analysis to ensure their electrical parameters meet the **highest quality** level for **automotive** applications

