

# 5<sup>th</sup> Generation 650V SiC Schottky MPS™

**Revolutionary  
Low Built-In Voltage  
for Best-In-Class  
Efficiency**

- ✓ **Low** built-in voltage ( $V_{BI}$ ) for lowest conduction losses at all load conditions
- ✓ **Superior** figure-of-merit –  $Q_C \times V_F$
- ✓ **100% Avalanche (UIL)** tested in production
- ✓ Enhanced **surge current ( $I_{FSM}$ )** robustness
- ✓ **Zero** forward and reverse recovery with **temperature-independent** fast switching
- ✓ Advanced packaging technology for **lower thermal resistance** and **lower ringing**
- ✓ Comprehensive product portfolio and **safer supply** chain with **automotive-qualified** high volume manufacturing