

Industry-Leading 1700V & 3300V SiC MOSFETs

We Came. We Saw. We Delivered.



Unrivalled Performance, Quality and Robustness

- ✓ Industry's **lowest** gate charge (**Q_G**) and internal gate resistance (**R_{G(INT)}**)
- ✓ **Low** output capacitance (**C_{OSS}**) and miller capacitance (**C_{GD}**)
- ✓ **Lowest R_{DS(ON)}** change with temperature
- ✓ Excellent **short circuit** withstand capability and avalanche (UIL) ruggedness
- ✓ **High** and **stable** gate threshold voltage (**V_{TH}**) across all temperatures and drain-bias conditions
- ✓ Advanced packaging technology for **lower thermal resistance** and **lower ringing**
- ✓ **Manufacturing uniformity** of R_{DS(ON)}, V_{TH} and breakdown voltage (BV)
- ✓ Comprehensive product portfolio and **safer supply** chain with **automotive-qualified** high volume manufacturing