Littelfuse®

Expertise Applied | Answers Delivered

KIOSK 1

# MOS-Gated Discretes

## Low to Very High Voltage

### Silicon Carbide

- Industry leading performance with respect to operating characteristics
- Robust planar design with exceptional gate oxide reliability
- Internally owned device designs and process; secure manufacturing and supply chain ensures satisfactory delivery times
- Circuit topology 'building blocks' enabled by SMPD packaging (full-bridge, phase leg, boost, etc.)

### MOSFET

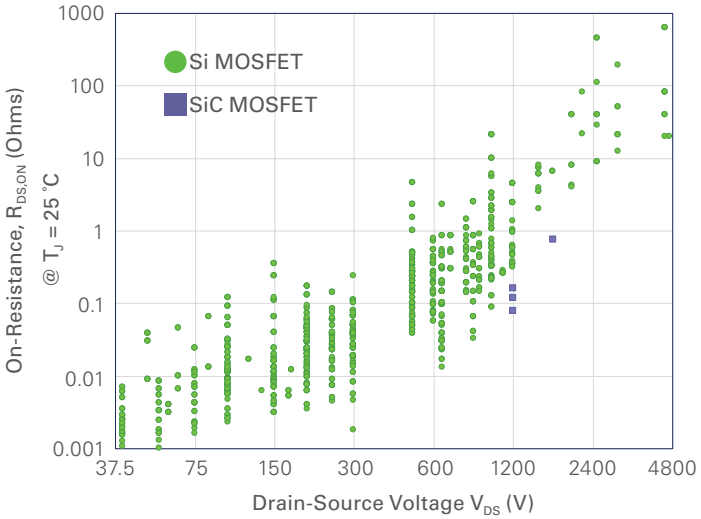
- Proven supply history and extensive customer base
- Only supplier for over 1700 V high voltage MOSFET products
- The most robust MOSFET products with high avalanche capability
- Highest switching speed MOSFETs commercially available
- High reliability in unique packages

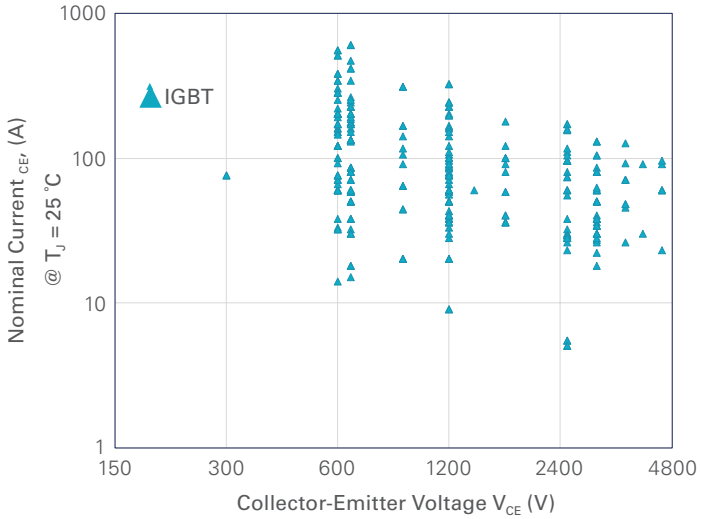
### IGBT

- The widest Discrete IGBT portfolio in the market
- Exclusive supplier for many specific products
- Competitive product performance with leading technical expertise
- Ruggedness and high reliability verified over a long history in various applications

## Product Portfolio

**Si and SiC MOSFETs**




**IGBTs**