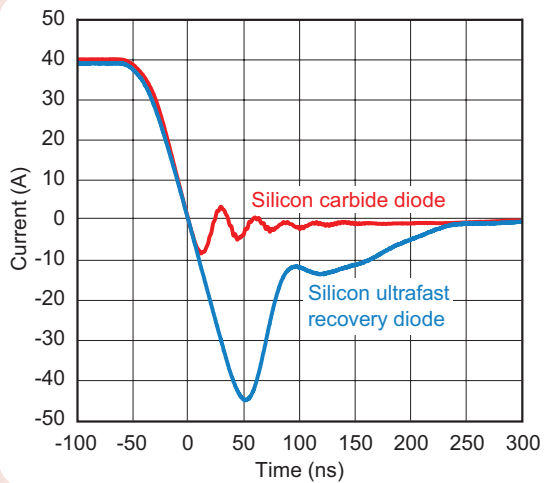




SOT-227 SILICON CARBIDE DIODE MODULES

Standard Package Configurations for High Frequency Applications

EXTREMELY LOW SWITCHING LOSSES



WIDE SELECTION OF RATINGS

Breakdown voltage

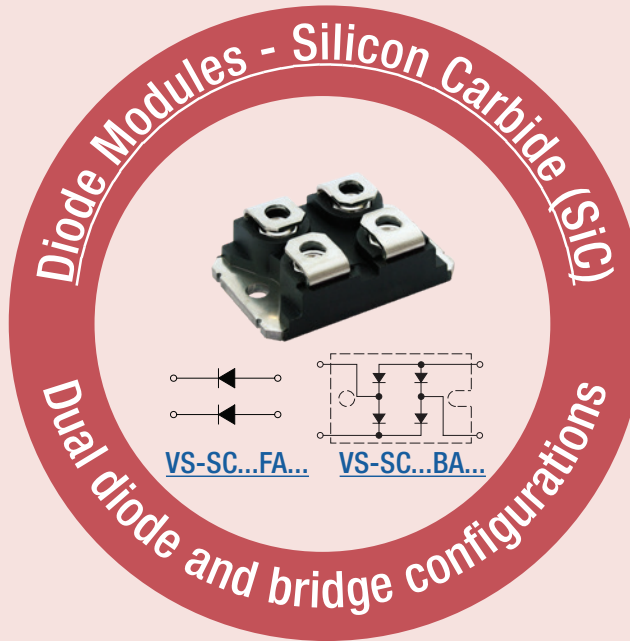
650 V and 1200 V

Device current

20 A to 120 A per diode

Operating temperature range

up to 175 °C of T_J



INDUSTRY-STANDARD OUTLINE



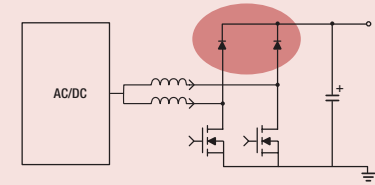
Drop-in replacement for competitor alternative



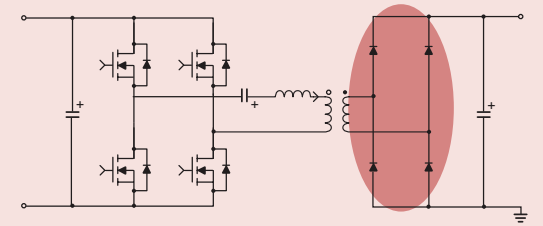
Enhanced thermal properties for Low R_{th}

APPLICATIONS

- Hard-switched rectifier circuits (PFC)



- High frequency, soft-switched DC/DC converters (LLC)



WELDING



UPS



SOLAR



ENERGY STORAGE



EV CHARGING STATIONS