



Feature

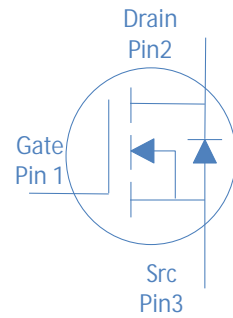
- High Speed Power Switching, Logic level
- Enhanced Body diode dv/dt capability
- Enhanced Avalanche Ruggedness
- 100% UIS Tested, 100% Rg Tested
- Lead Free

			Ω
			Ω

Application

- Synchronous Rectification in SMPS
- Hard Switching and High Speed Circuit
- Power Tools
- UPS
- Motor Control

TO-220



=25 (unless otherwise specified)

		=25	
		=100	
		=25	
		=25	

		e	W
		e	W



=25 (unless otherwise specified)

μ

μ

=25

=100

μ

Ω

Ω

fs

Open, f=1MHz

Ω

Reverse Transfer Capacitance

=60V, f=1MHz

Turn off Delay Time

Ω

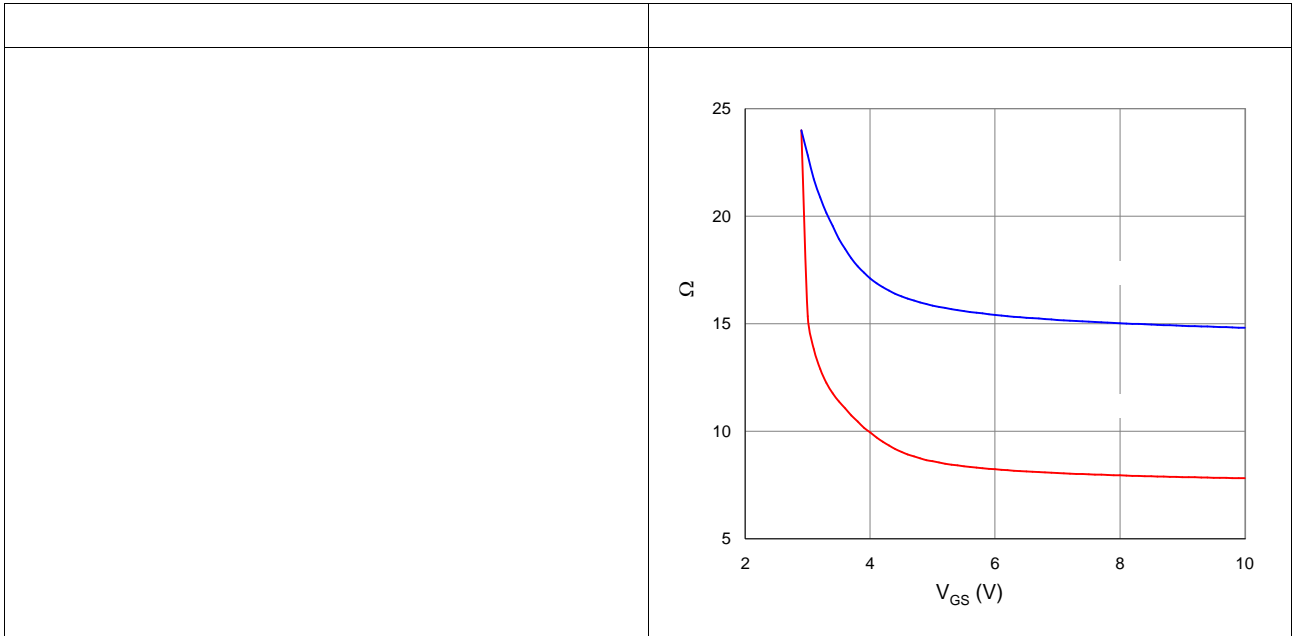


Figure 4. Normalized On-Resistance vs. Junction Temperature

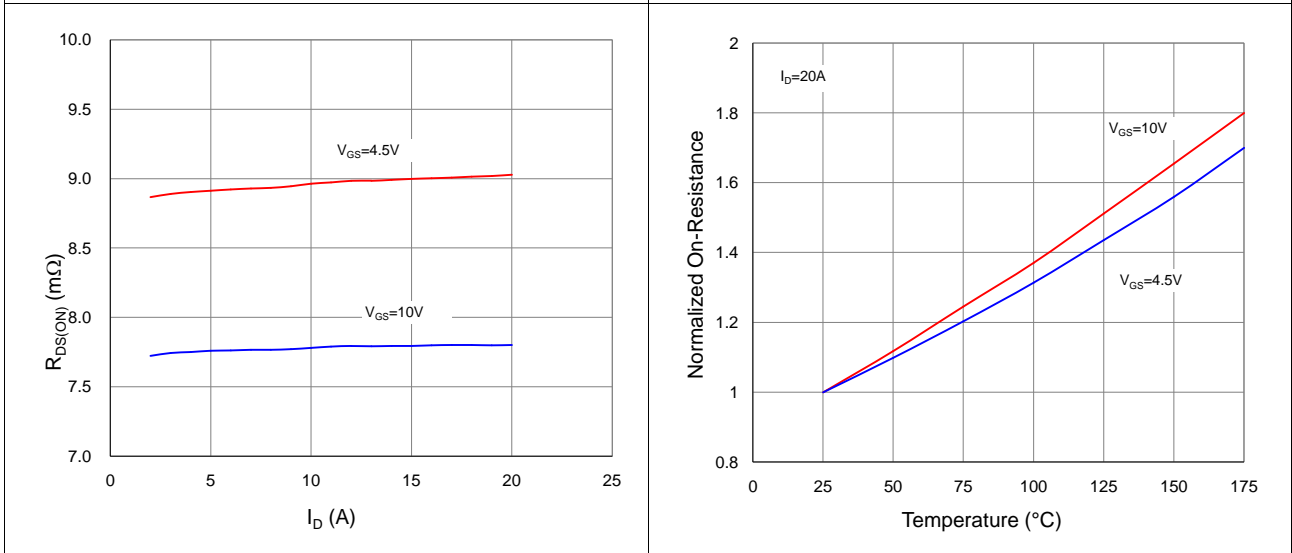
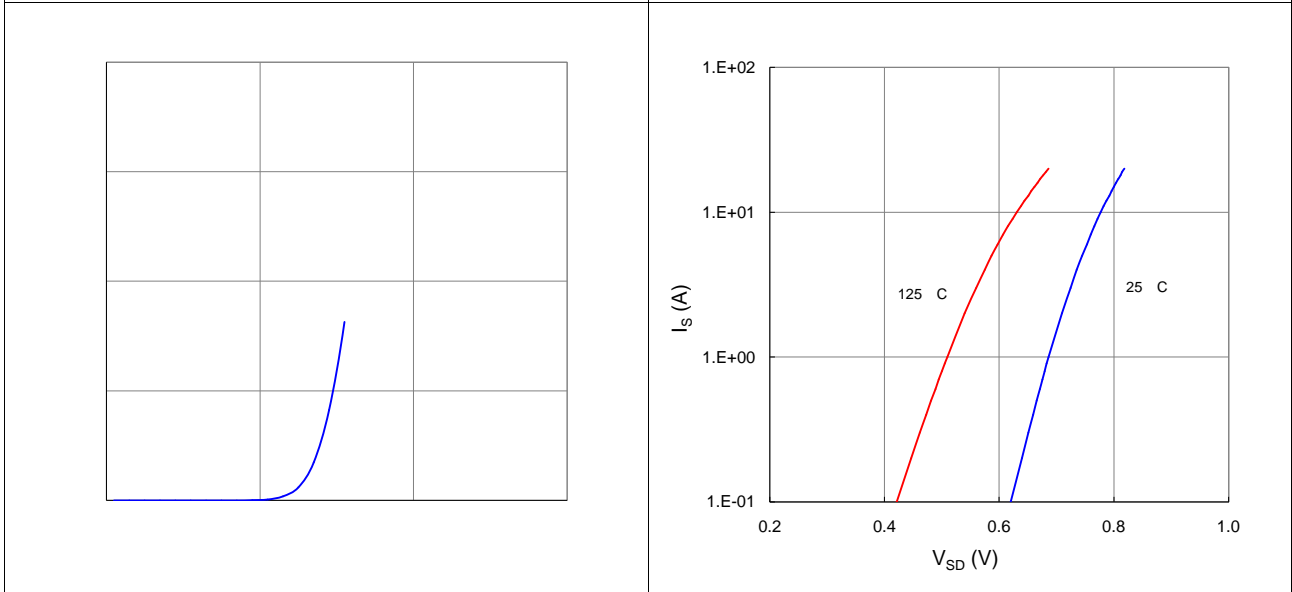


Figure 5. Typical Transfer Characteristics



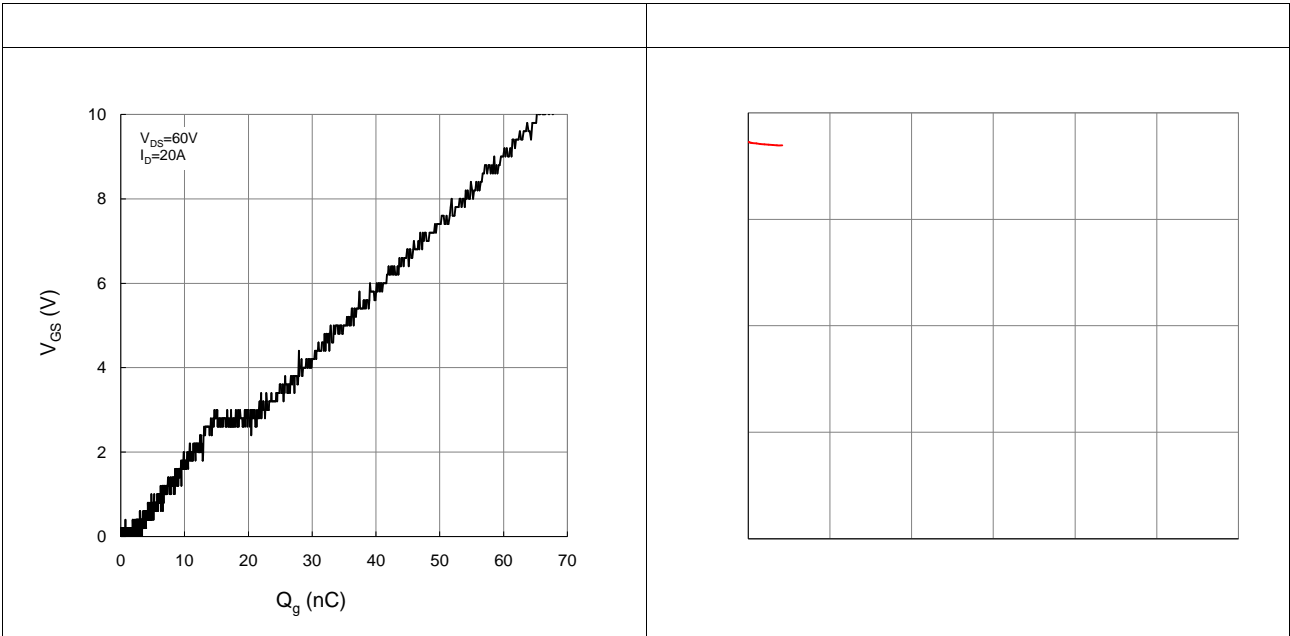


Figure 9. Maximum Safe Operating Area

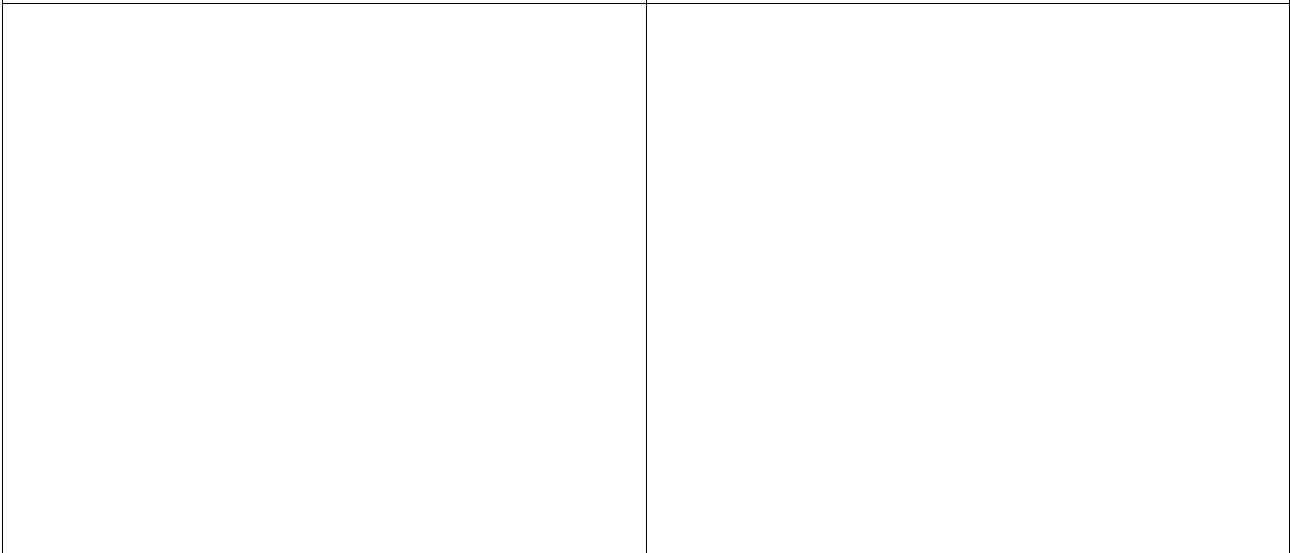


Figure 11. Normalized Maximum Transient Thermal Impedance, Junction-to-Case

