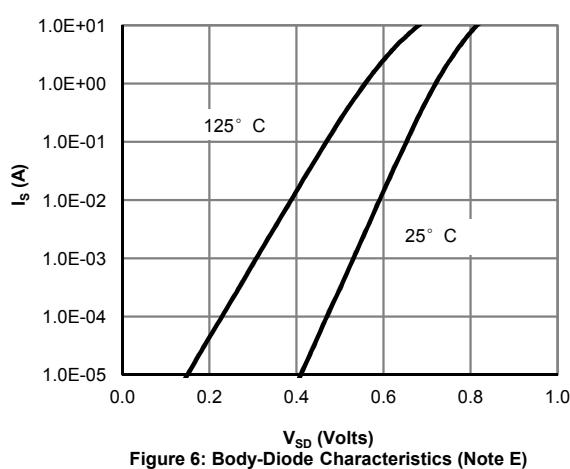
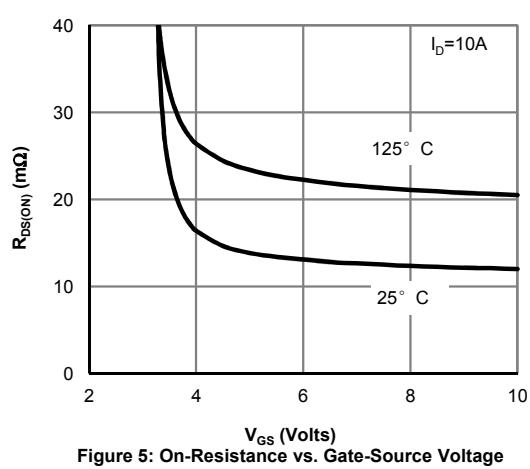
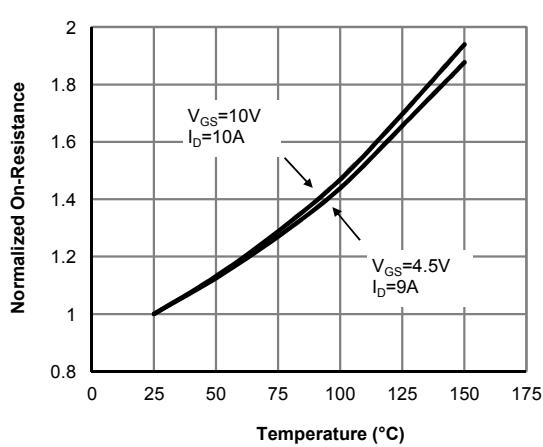
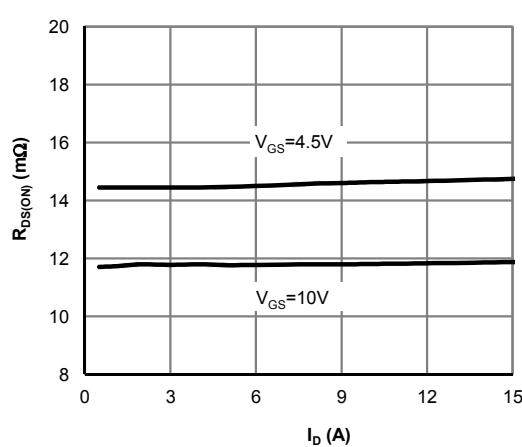
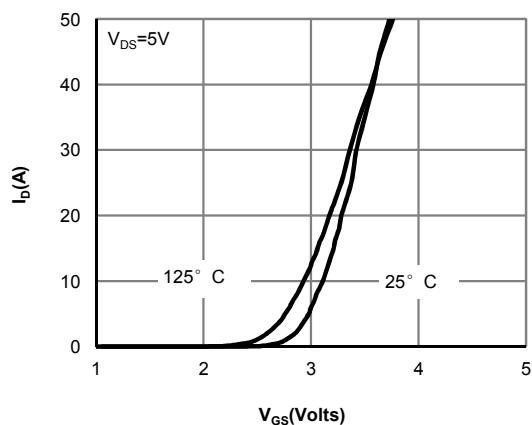
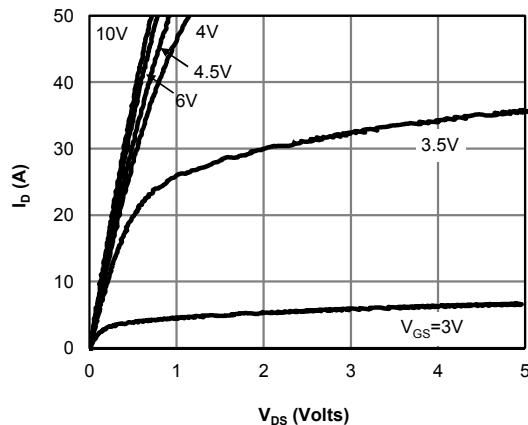
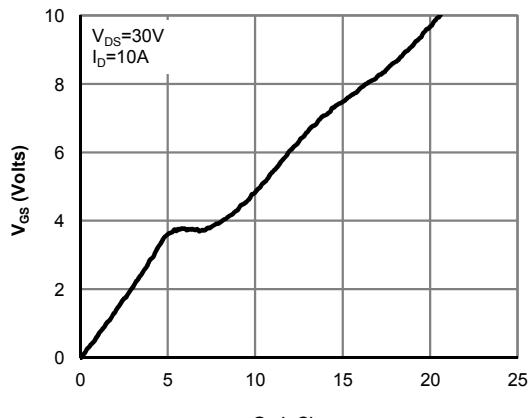
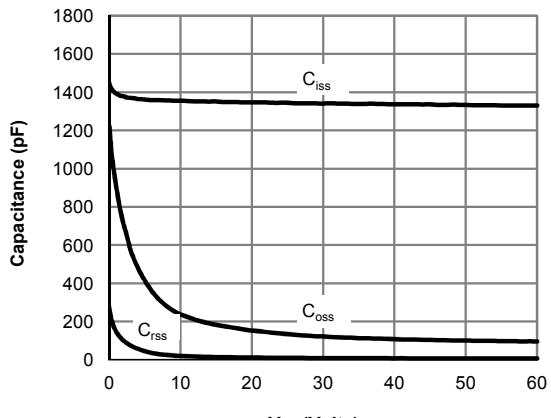
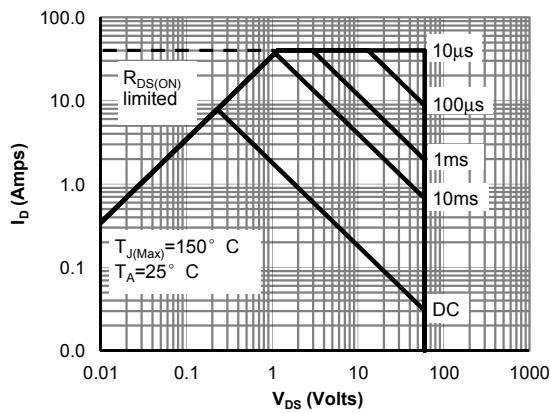
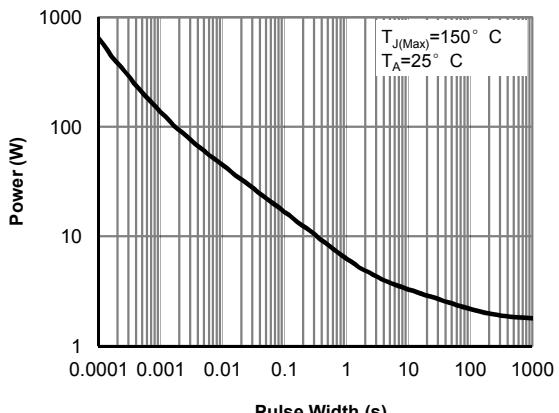
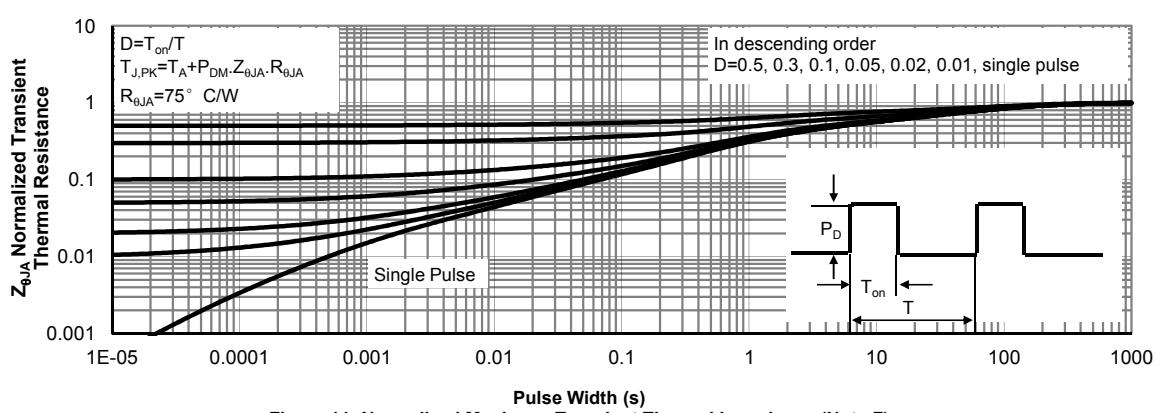
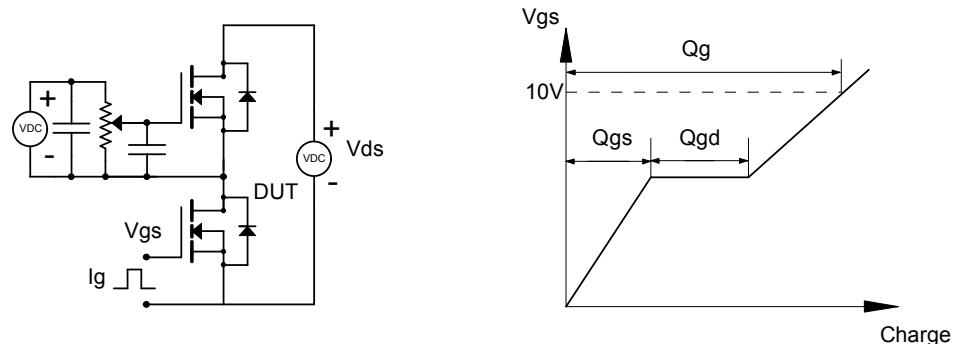
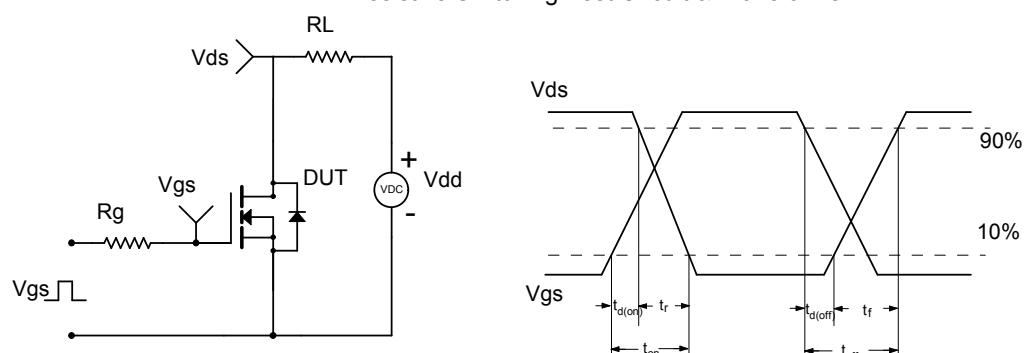
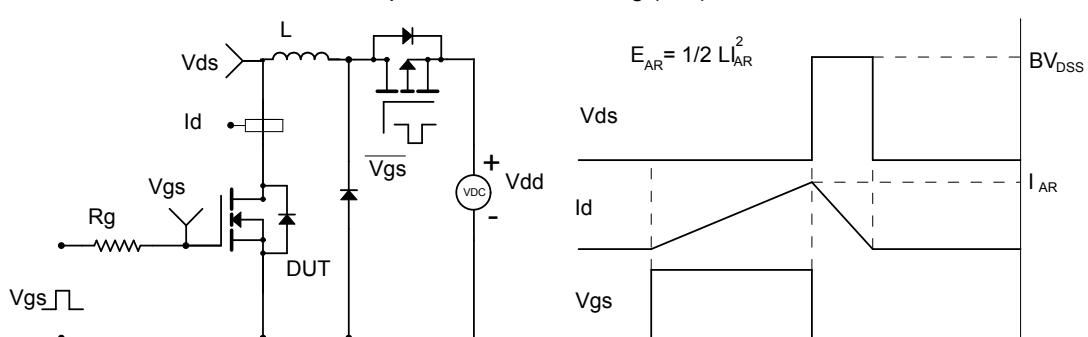






**TYPICAL ELECTRICAL AND THERMAL CHARACTERISTICS**


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**Figure 7: Gate-Charge Characteristics**

**Figure 8: Capacitance Characteristics**

**Figure 9: Maximum Forward Biased Safe Operating Area (Note F)**

**Figure 10: Single Pulse Power Rating Junction-to-Ambient (Note F)**

**Figure 11: Normalized Maximum Transient Thermal Impedance (Note F)**

**Gate Charge Test Circuit & Waveform**

**Resistive Switching Test Circuit & Waveforms**

**Unclamped Inductive Switching (UIS) Test Circuit & Waveforms**

**Diode Recovery Test Circuit & Waveforms**
