■ **Electrical Characteristics** (T_J=25 unless otherwise noted)

Parameter	Symbol

Typical Electrical and Thermal Characteristics Diagrams

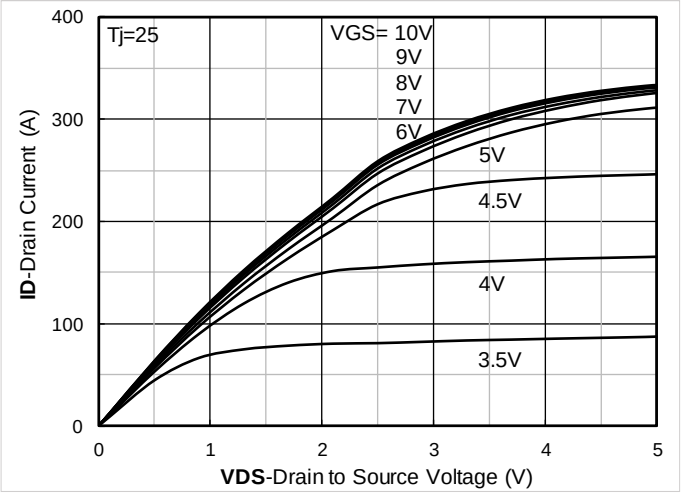

Figure 1. Output Characteristics

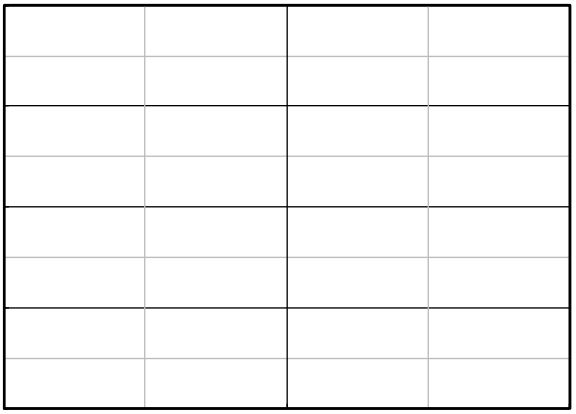

Figure 2. Transfer Characteristics

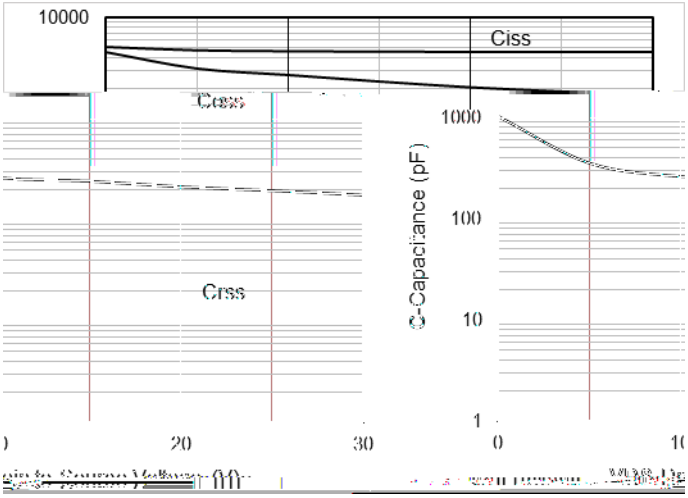

Figure 3. Capacitance Characteristics

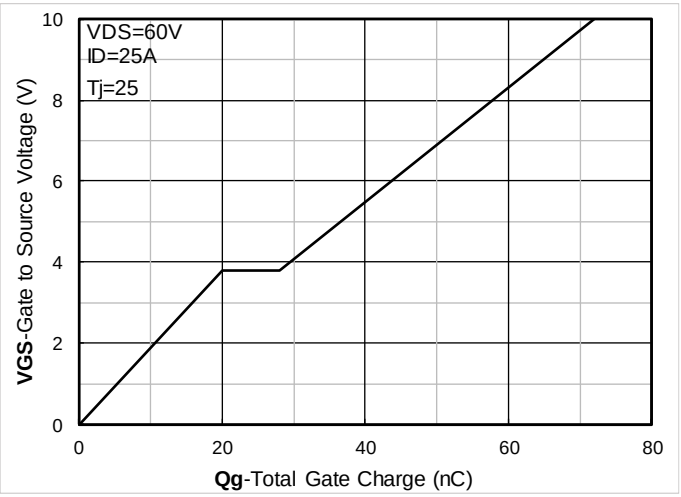

Figure 4. Gate Charge

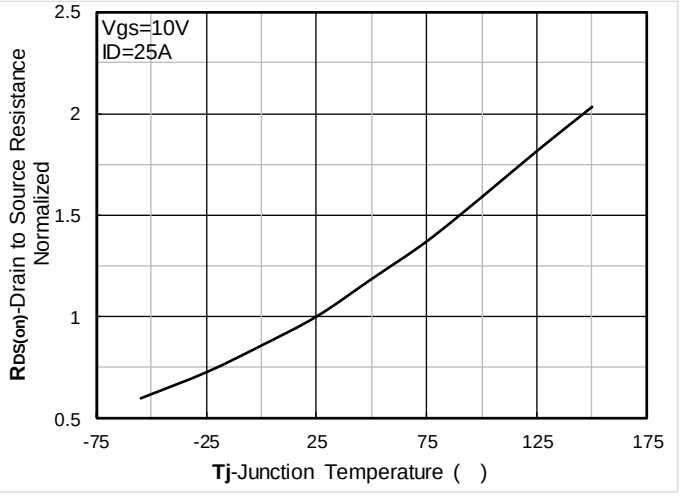

Figure 5. On-Resistance vs Gate to Source Voltage

Figure 6. Normalized On-Resistance

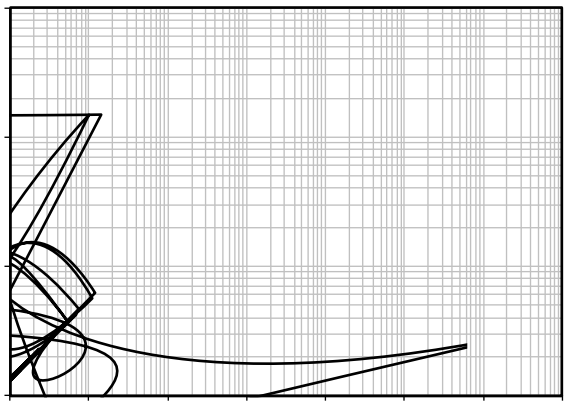

Figure 13. Maximum Transient Thermal Impedance

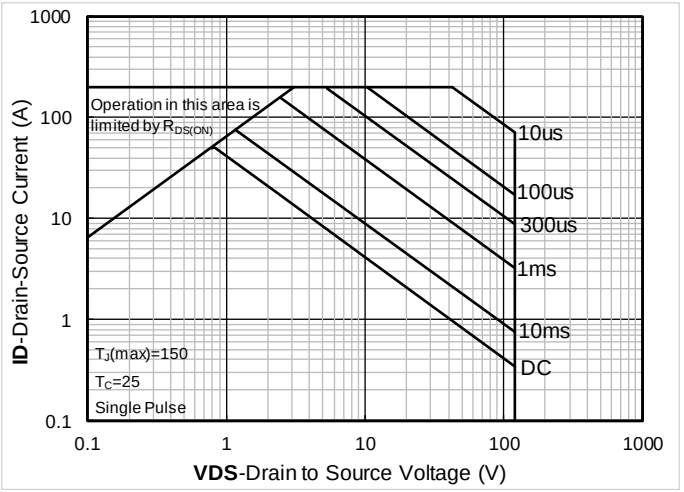

Figure 14. Safe Operation Area

■ Test Circuits & Waveforms

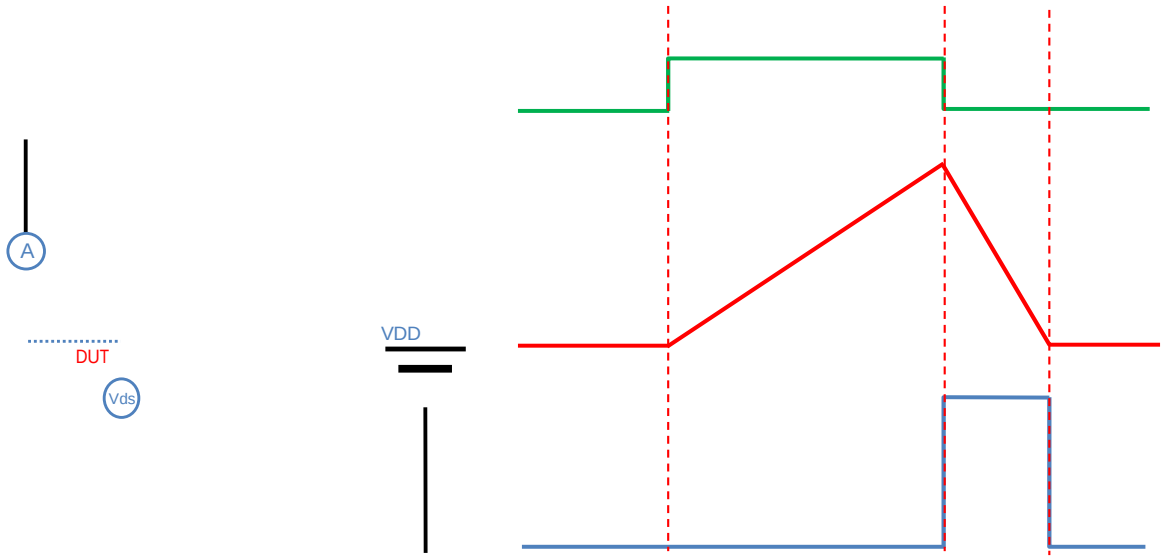

Figure A. Unclamped Inductive Switching (UIS) Test Circuit & Waveform

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