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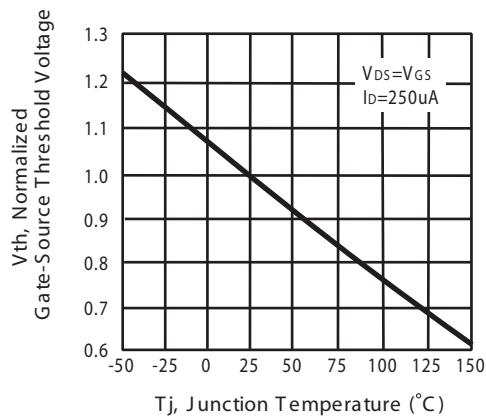


Figure 5. Gate Threshold Variation with Temperature

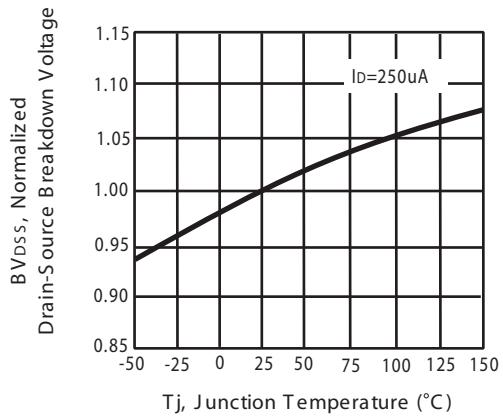


Figure 6. Breakdown Voltage Variation with Temperature

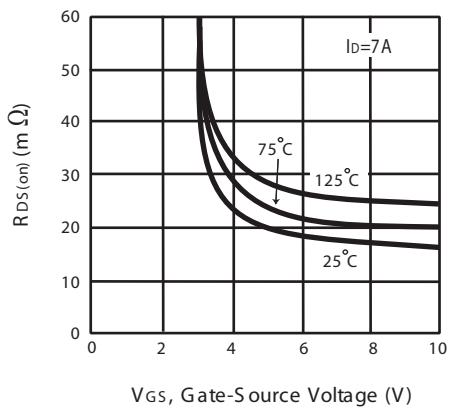


Figure 7. On-Resistance vs. Gate-Source Voltage

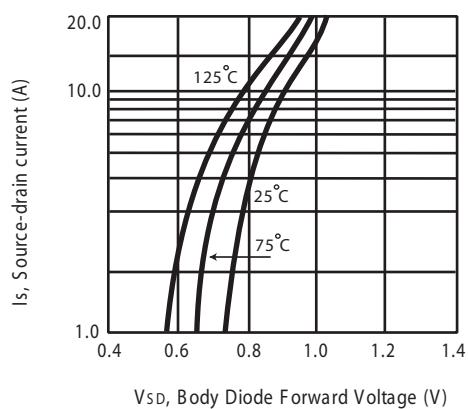
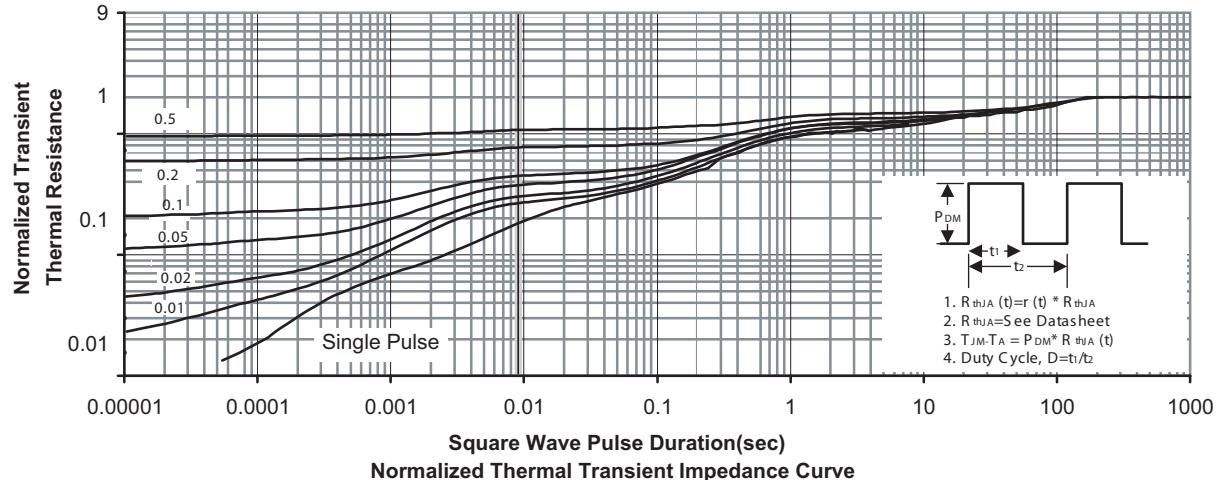
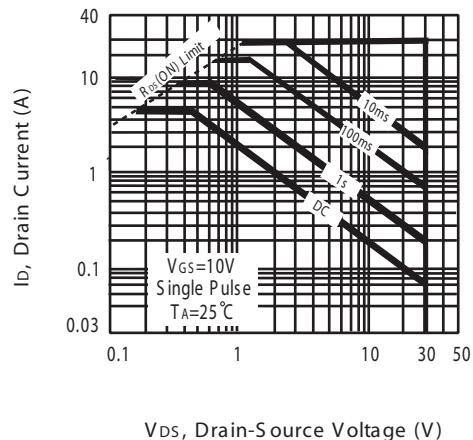
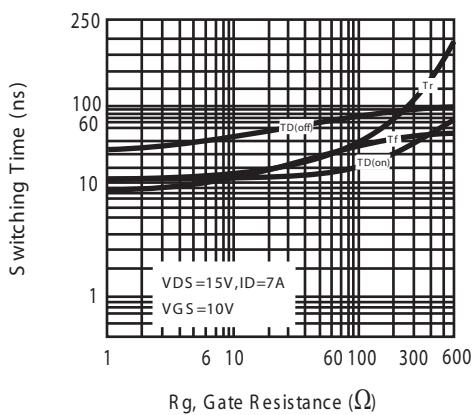
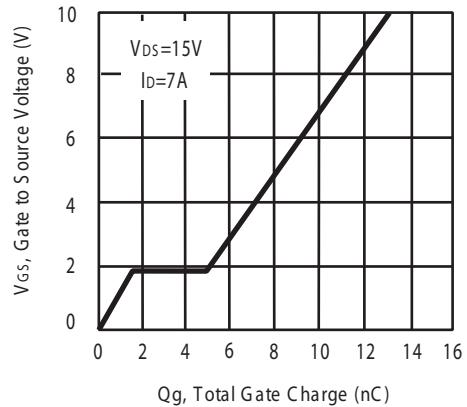
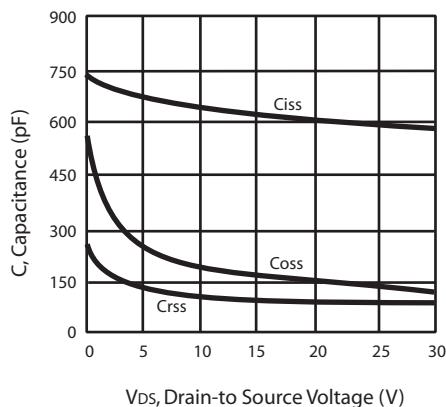


Figure 8. Body Diode Forward Voltage Variation with Source Current

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P-Channel

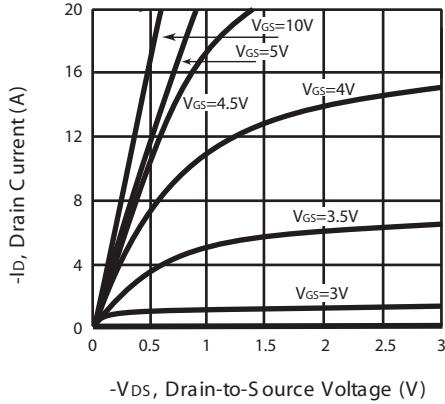


Figure 1. Output Characteristics

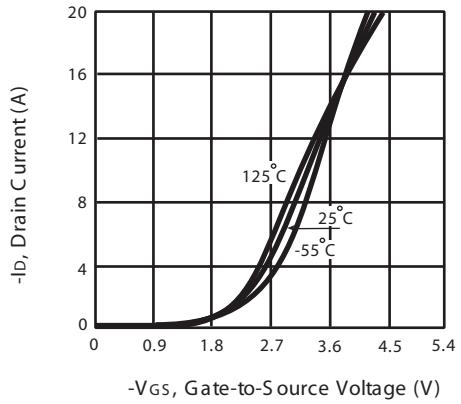


Figure 2. Transfer Characteristics

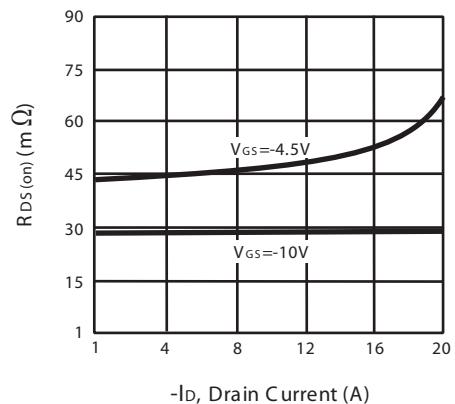


Figure 3. On-Resistance vs. Drain Current and Gate Voltage

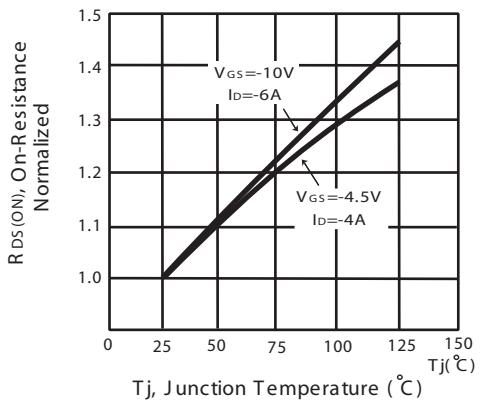


Figure 4. On-Resistance Variation with Drain Current and Temperature

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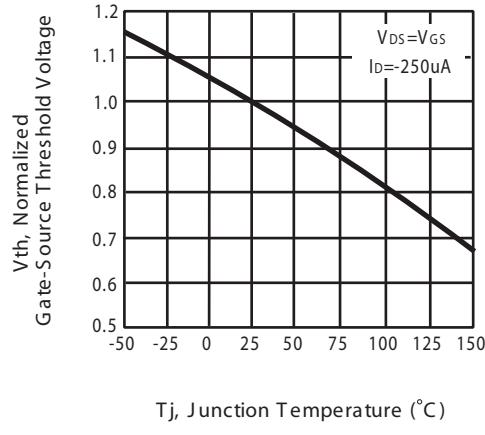


Figure 5. Gate Threshold Variation with Temperature

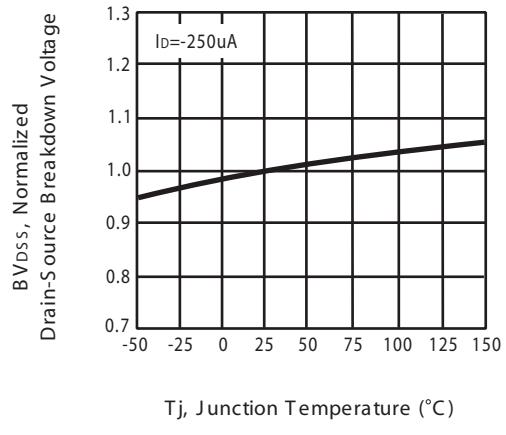


Figure 6. Breakdown Voltage Variation with Temperature

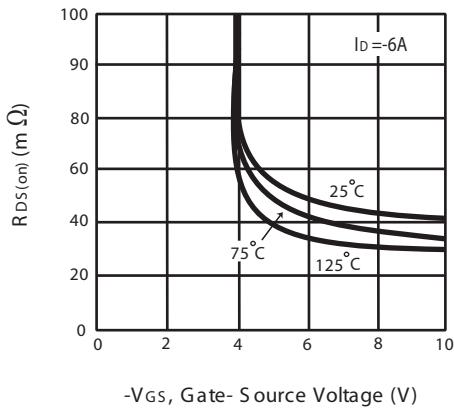


Figure 7. On-Resistance vs. Gate-Source Voltage

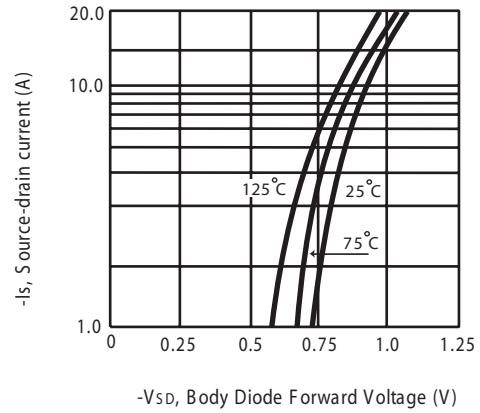
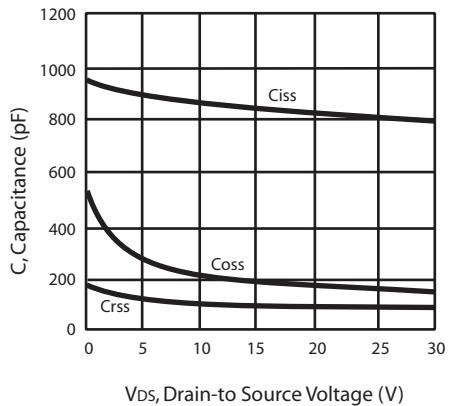


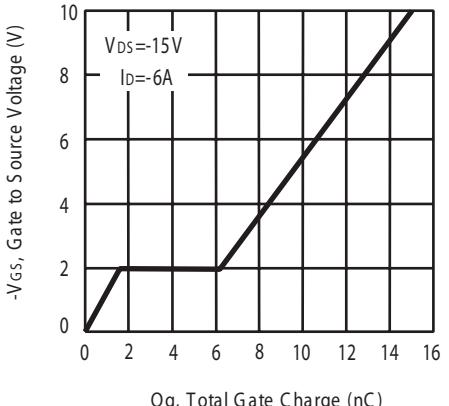
Figure 8. Body Diode Forward Voltage Variation with Source Current

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V_{DS}, Drain-to Source Voltage (V)

Figure 8. Capacitance



-V_{GS}, Gate to Source Voltage (V)

Q_g, Total Gate Charge (nC)

Figure 9. Gate Charge

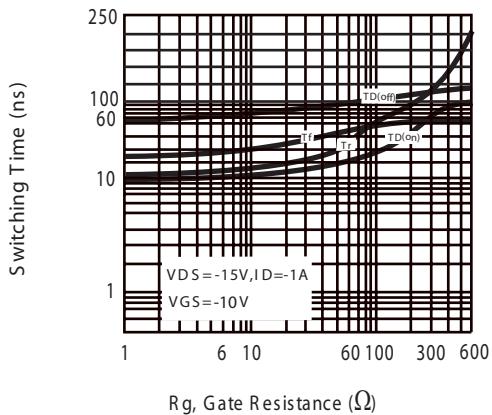
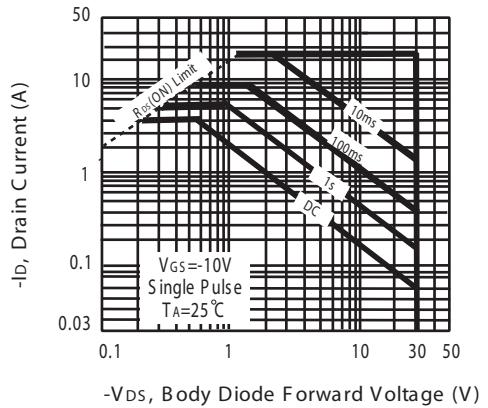


Figure 11. switching characteristics



-I_D, Drain Current (A)

-V_{DS}, Body Diode Forward Voltage (V)

V_{GS}=-10V
Single Pulse
T_A=25°C

R_{DS(on)} Limit

10ms

100ms

1s

DC

Figure 10. Maximum Safe Operating Area

