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## Typical Characteristics



Figure 1. On-Region Characteristics.


Figure 3. On-Resistance Variation with Temperature.


Figure 5. Transfer Characteristics.


Figure 2. On-Resistance Variation with Drain Current and Gate Voltage.


Figure 4. On-Resistance Variation with Gate-to-Source Voltage.


Figure 6. Body Diode Forward Voltage Variation with Source Current and Temperature.


Figure 7. Gate Charge Characteristics.


Figure 9. Maximum Safe Operating Area.


Figure 8. Capacitance Characteristics.


Figure 10. Single Pulse Maximum Power Dissipation.


Figure 11. Transient Thermal Response Curve.
Thermal characterization performed using the conditions described in Note 1c. Transient thermal response will change depending on the circuit board design.



#### Abstract

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