



**YJQ35P03B**

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## Typical Electrical and Thermal Characteristics Diagrams

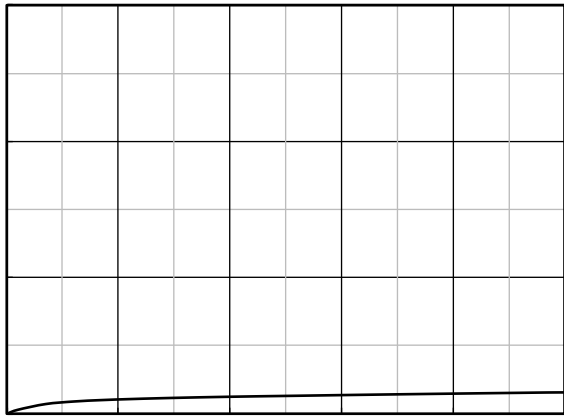
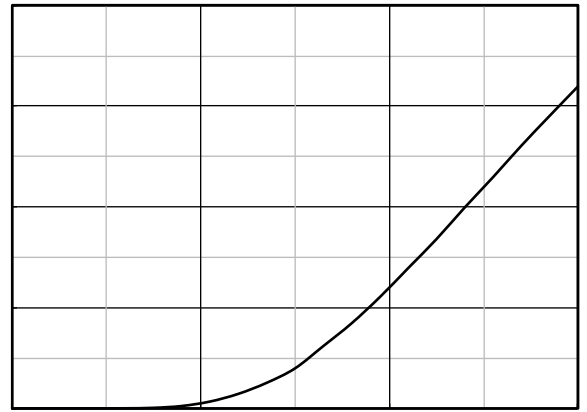


Figure 1. Output Characteristics



60

Figure 2. Transfer Characteristics

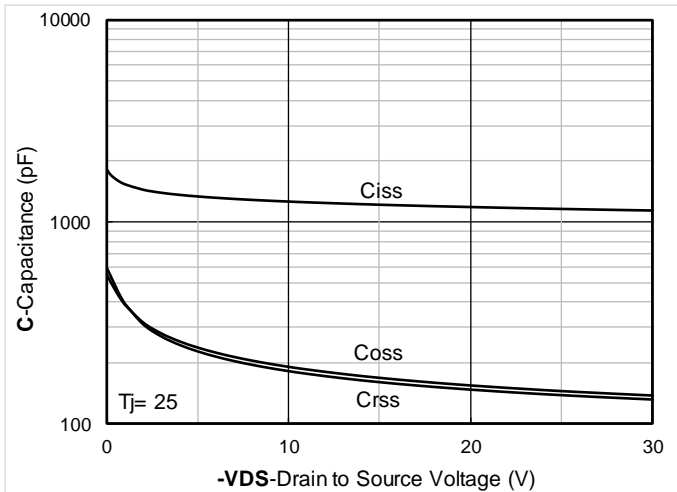


Figure 3. Capacitance Characteristics

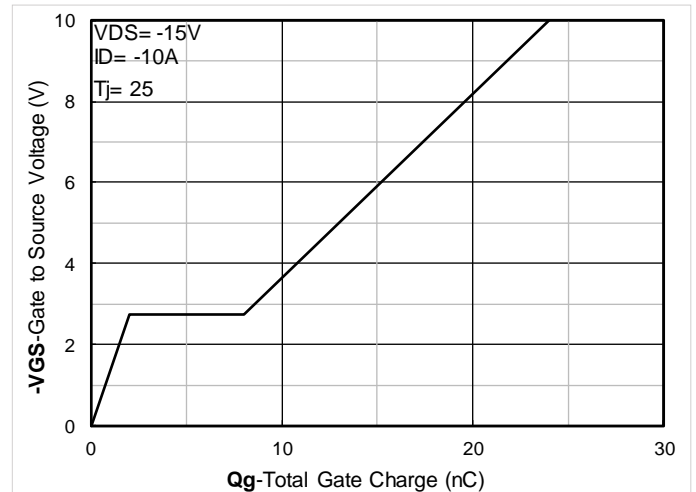


Figure 4. Gate Charge

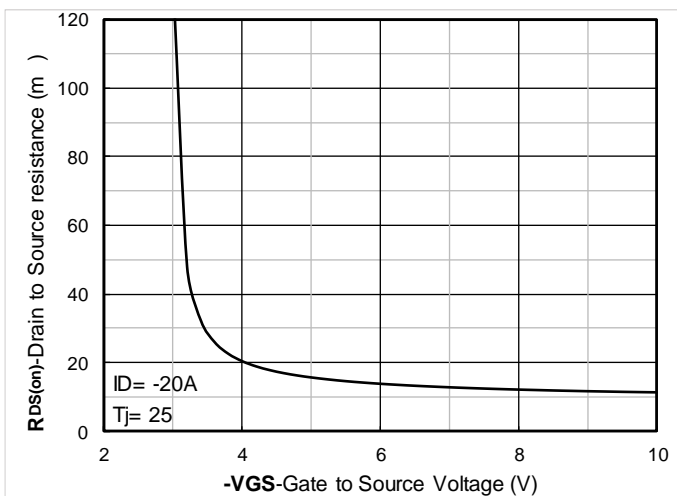


Figure 5. On-Resistance vs Gate to Source Voltage

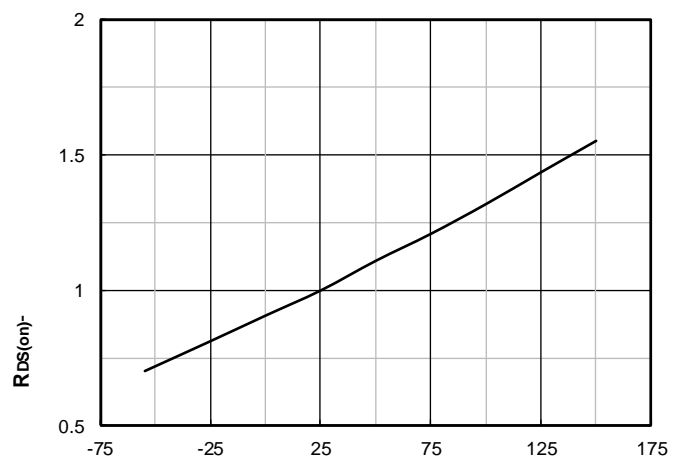


Figure 6. Normalized On-Resistance



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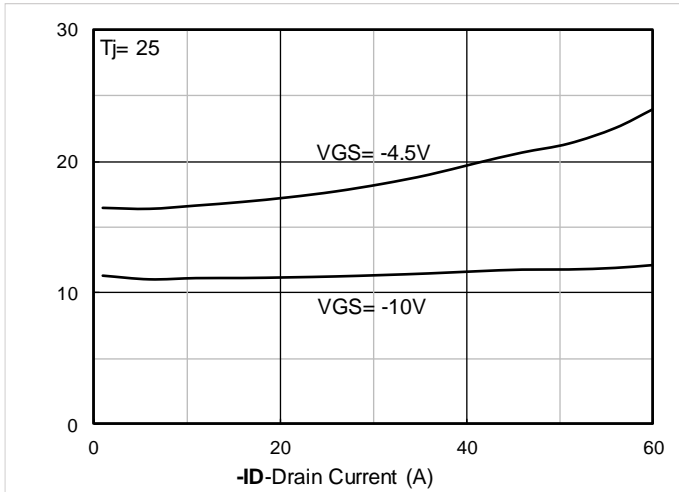


Figure 7.  $R_{DS(on)}$  VS Drain Current

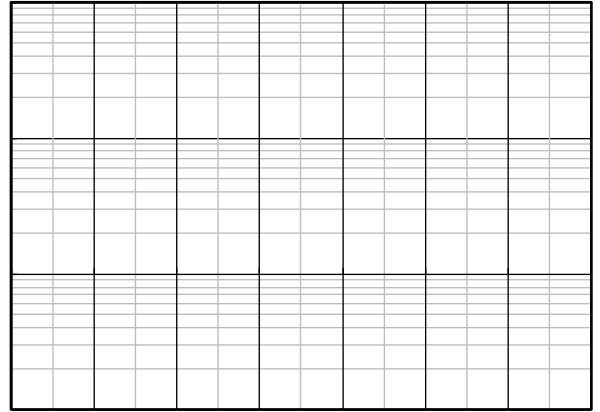


Figure 8. Forward characteristics of reverse diode

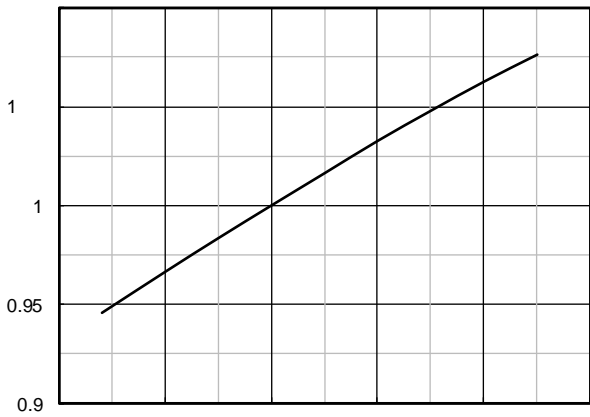


Figure 9. Normalized breakdown voltage

Figure 10. Normalized Threshold voltage

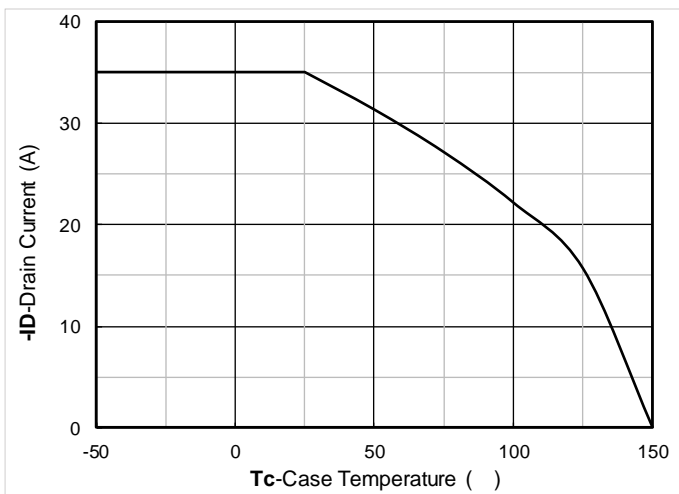
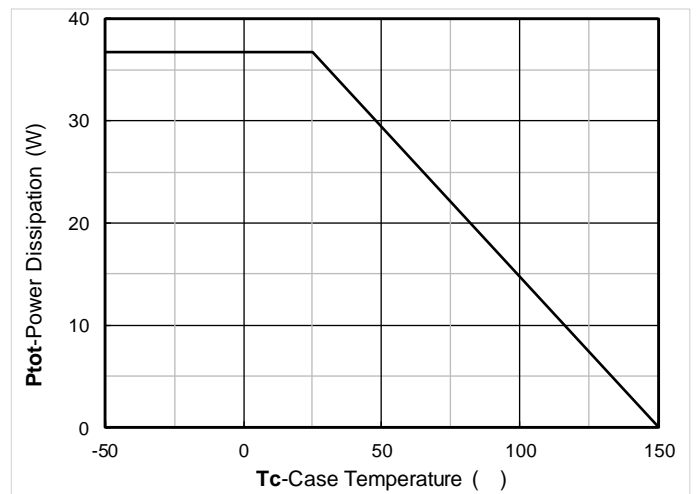


Figure 11. Current dissipation





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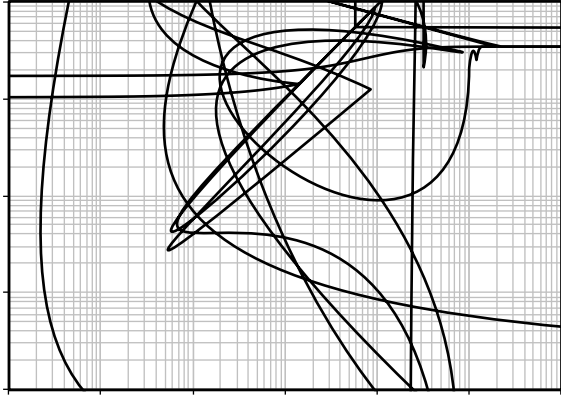
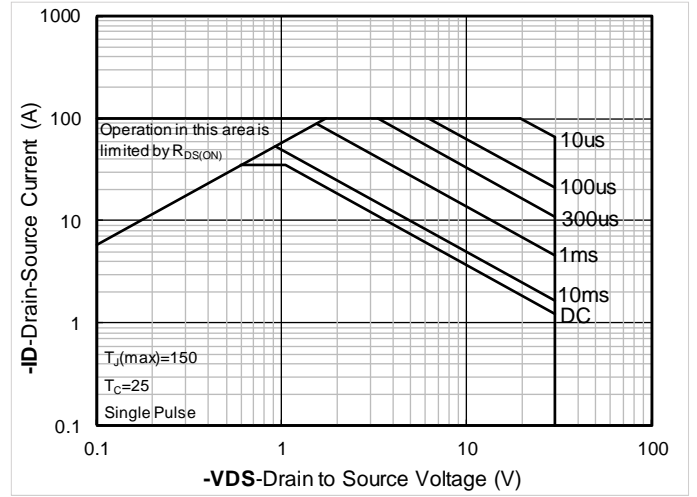


Figure 13. Maximum Transient Thermal Impedance



Figure





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