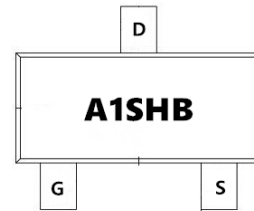
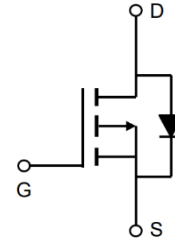


The XB2301A



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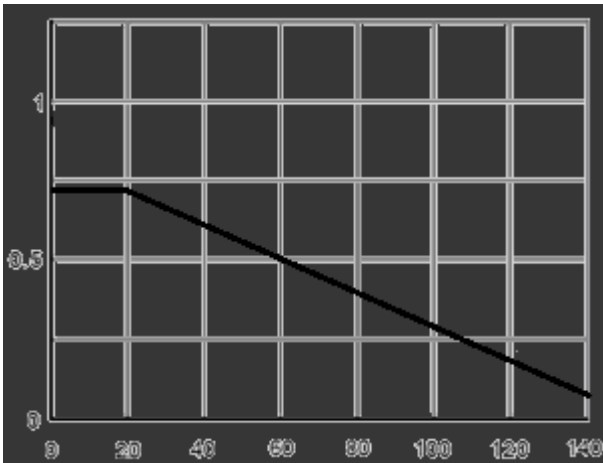
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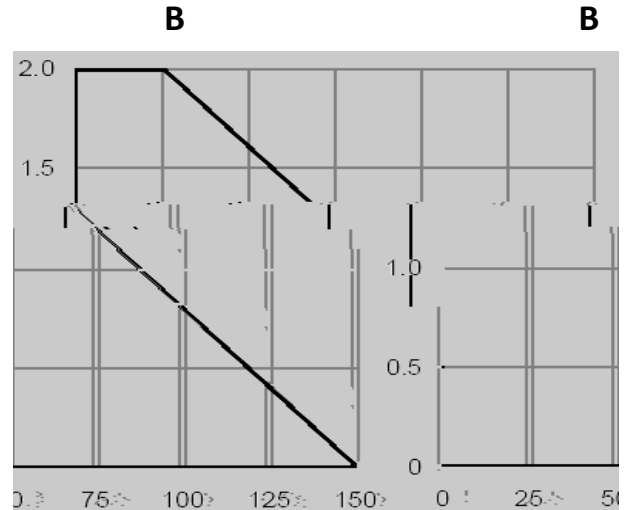


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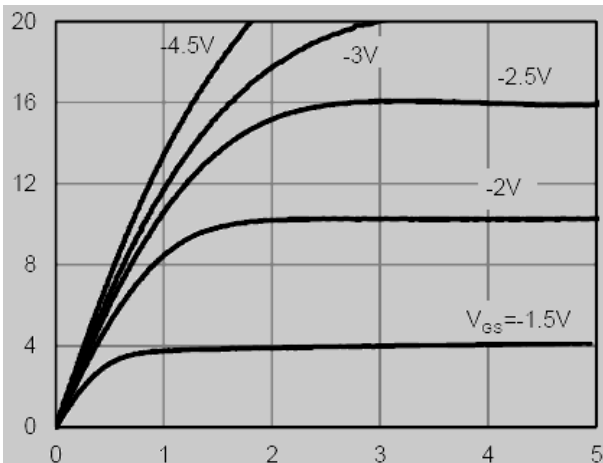
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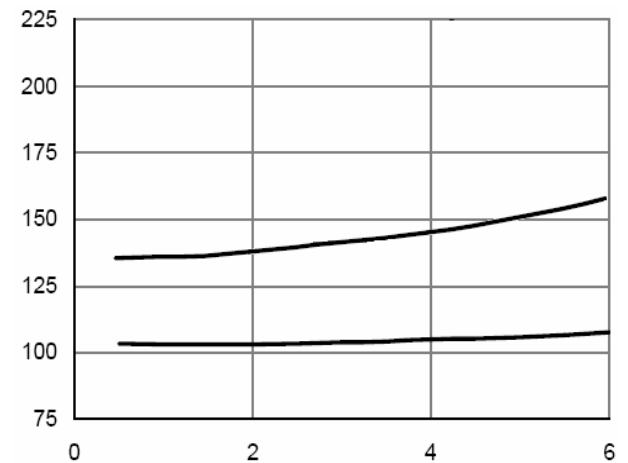
**Figure 1 Power Dissipation**



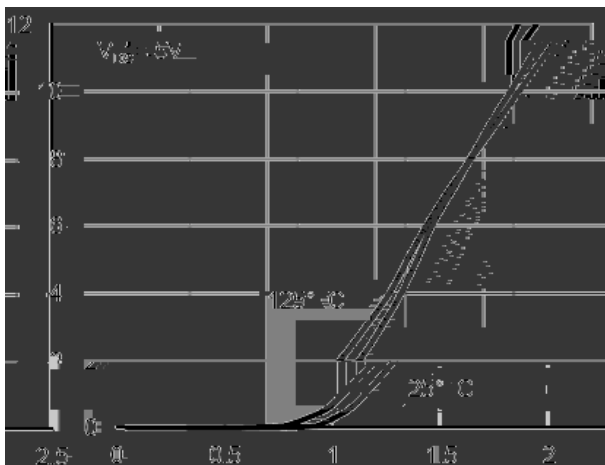
**Figure 2 Drain Current**



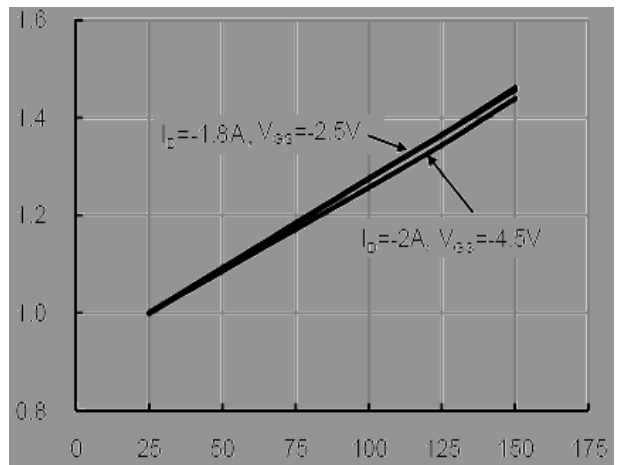
**Figure 3 Output Characteristics**



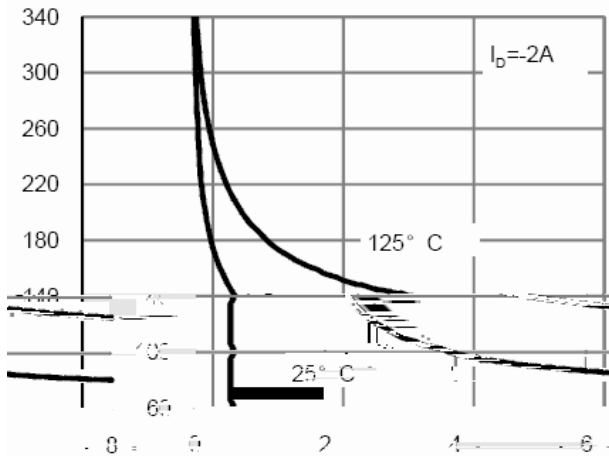
**Figure 4 Drain-Source On-Resistance**



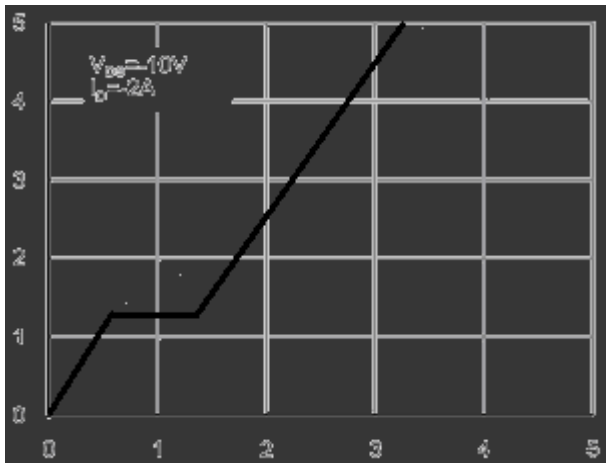
**Figure 5 Transfer Characteristics**



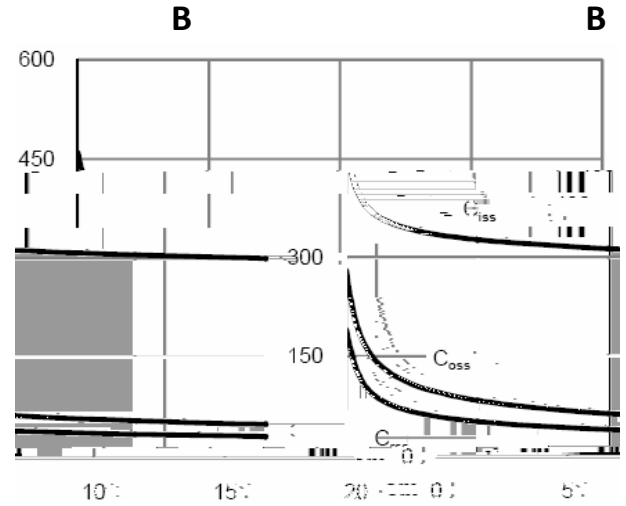
**Figure 6 Drain-Source On-Resistance**



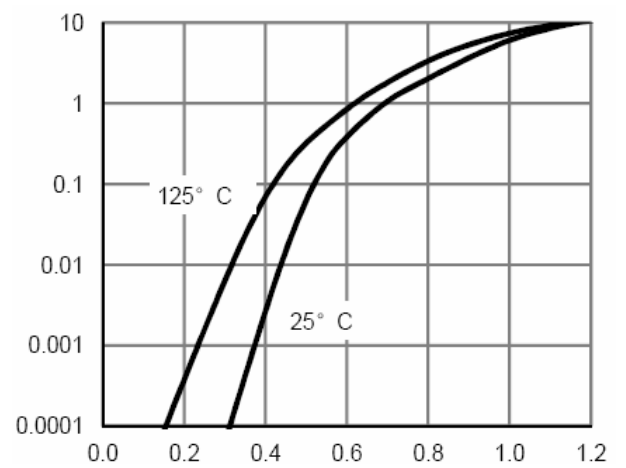
**Figure 7 Rds(on) vs Vgs**



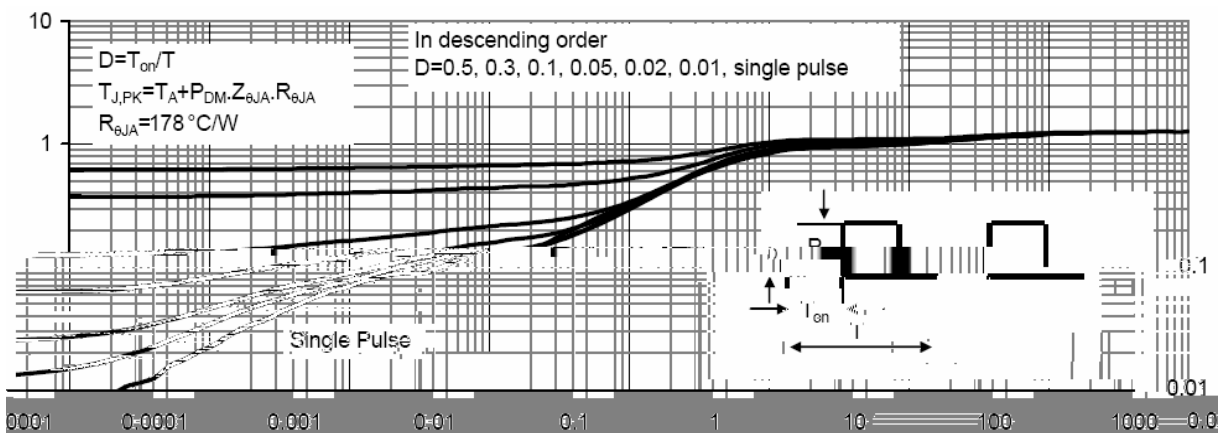
**Figure 9 Gate Charge**



**Figure 8 Capacitance vs Vds**



**Figure 10 Source- Drain Diode Forward**



**Figure 11 Normalized Maximum Transient Thermal Impedance**

