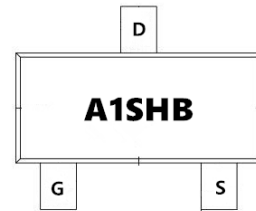
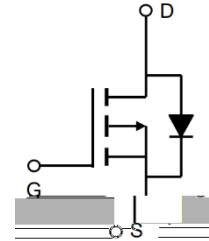


The XB2301A



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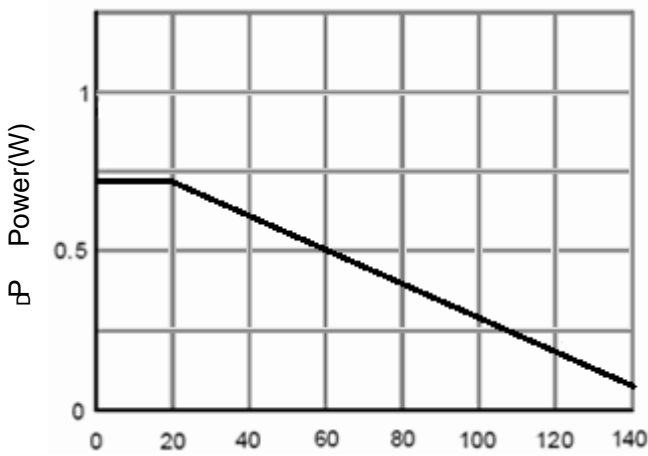
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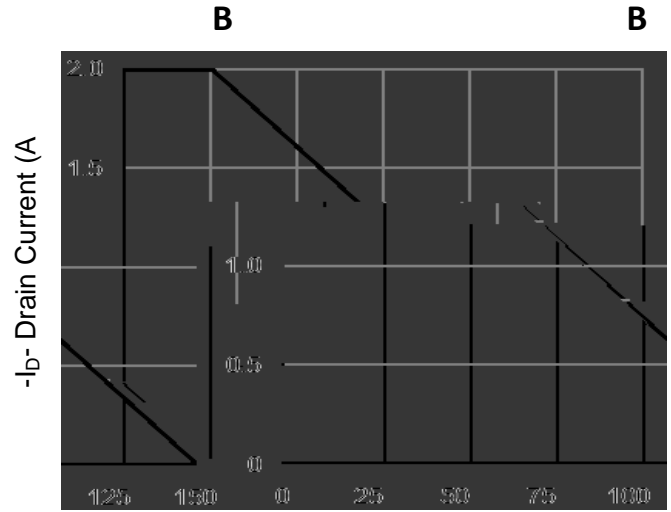
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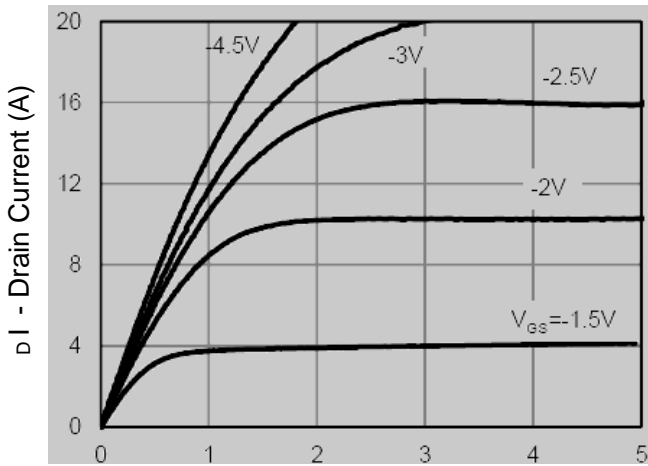
T_J -Junction Temperature ($^{\circ}$)

Figure 1 Power Dissipation



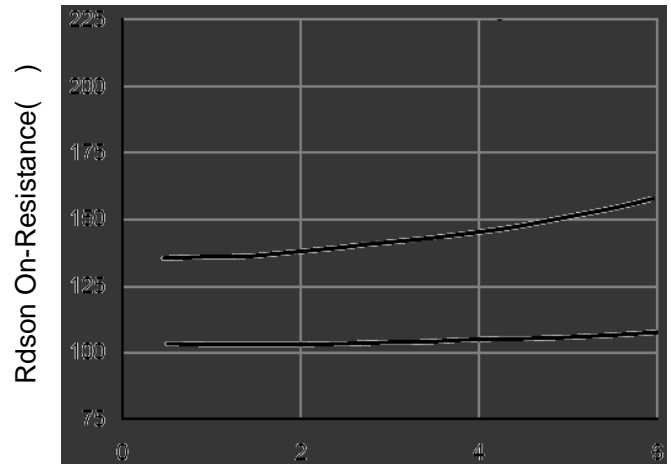
T_J -Junction Temperature ($^{\circ}$)

Figure 2 Drain Current



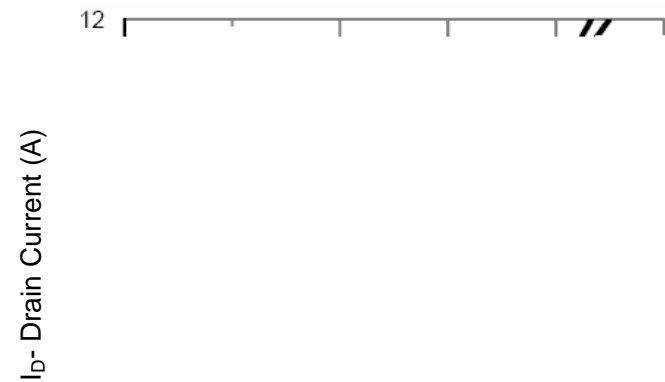
$-V_{ds}$ Drain-Source Voltage (V)

Figure 3 Output Characteristics



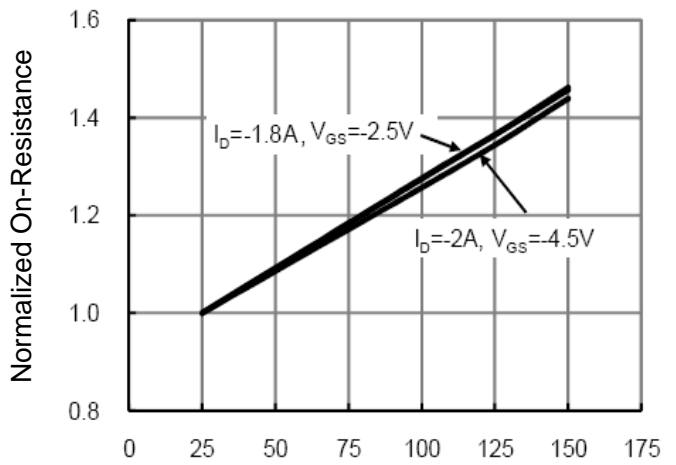
$-I_D$ - Drain Current (A)

Figure 4 Drain-Source On-Resistance



$-V_{gs}$ Gate-Source Voltage (V)

Figure 5 Transfer Characteristics



T_J -Junction Temperature ($^{\circ}$)

Figure 6 Drain-Source On-Resistance

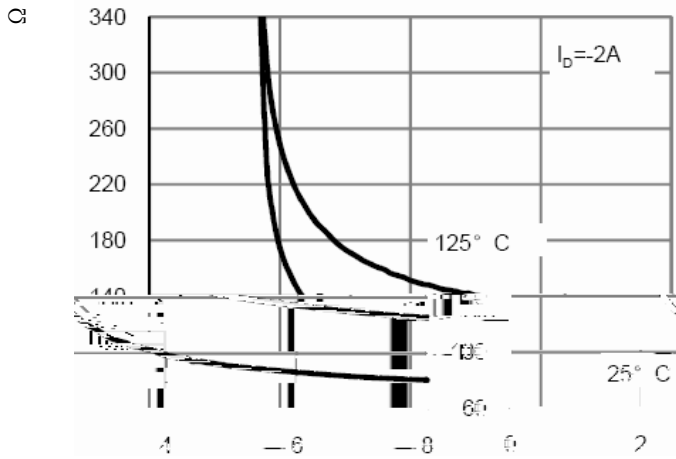


Figure 7 Rdson vs Vgs

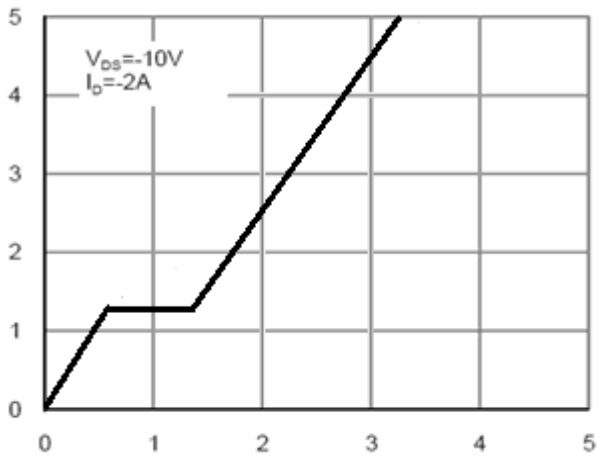


Figure 9 Gate Charge

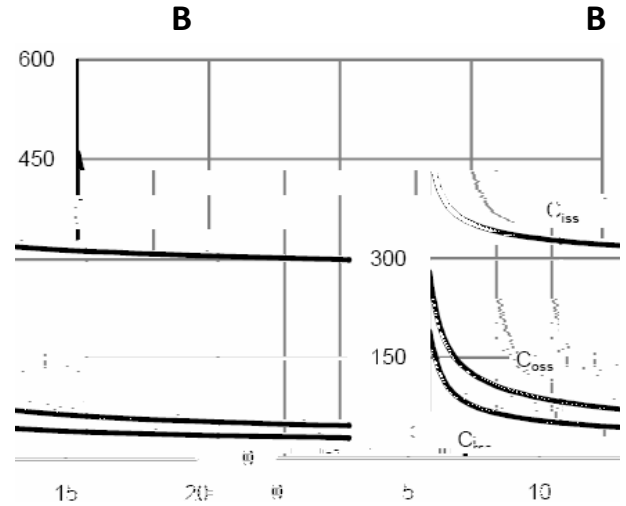


Figure 8 Capacitance vs Vds

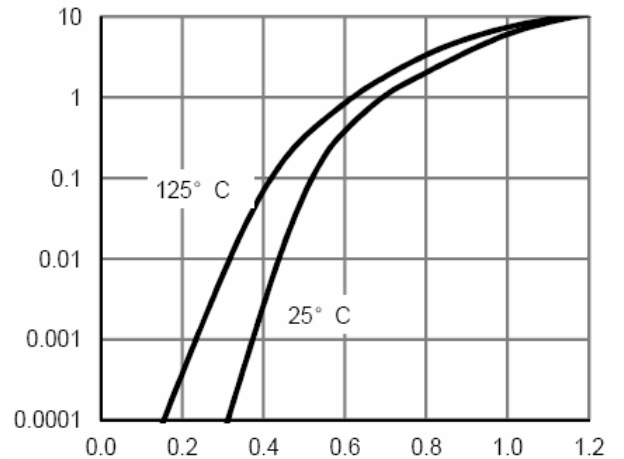


Figure 10 Source- Drain Diode Forward

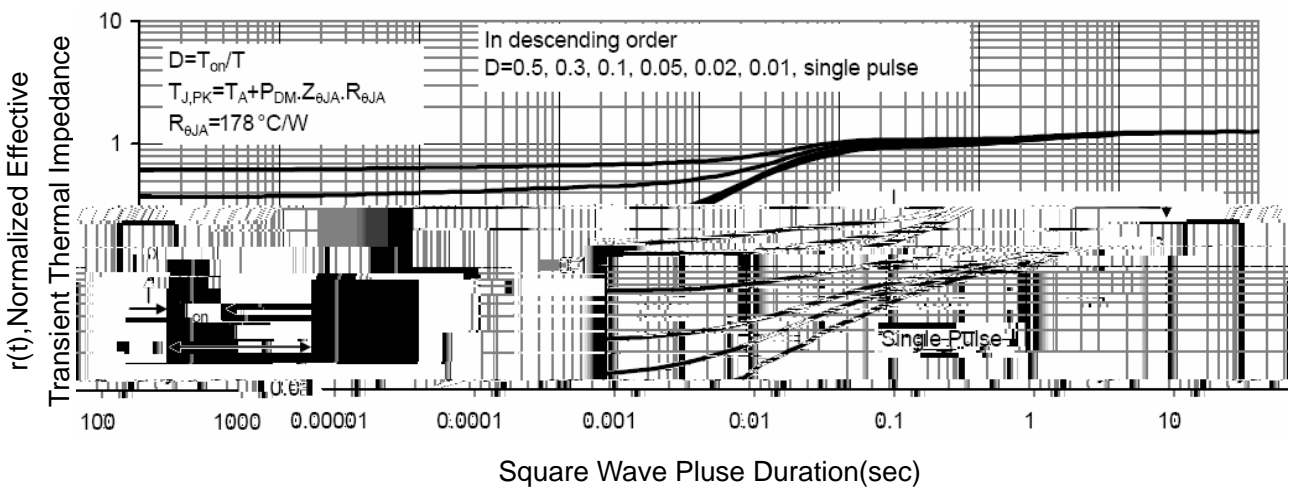


Figure 11 Normalized Maximum Transient Thermal Impedance

Package Mechanical Data-SOT-23

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