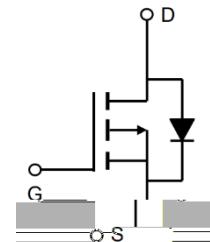


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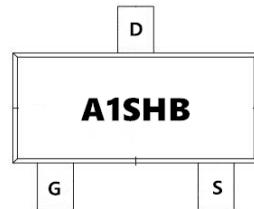
The XB2301A



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XB2301A			

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°C

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		○ ○	○
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			°C

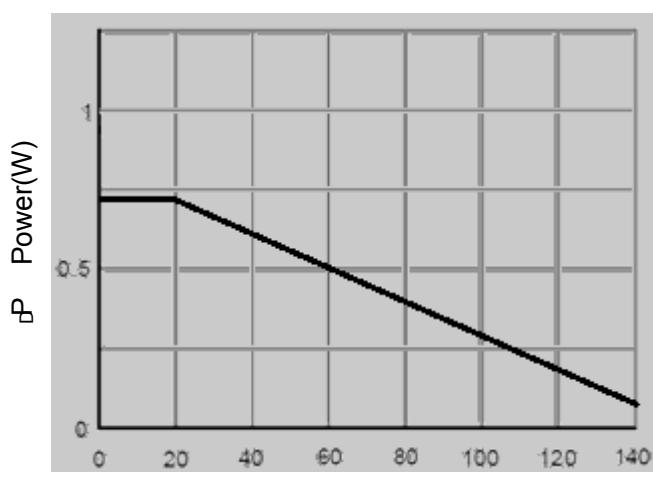


6

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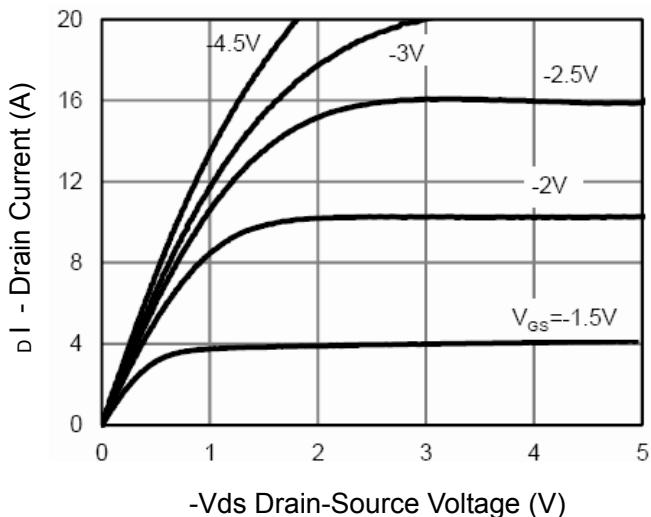
°C

1



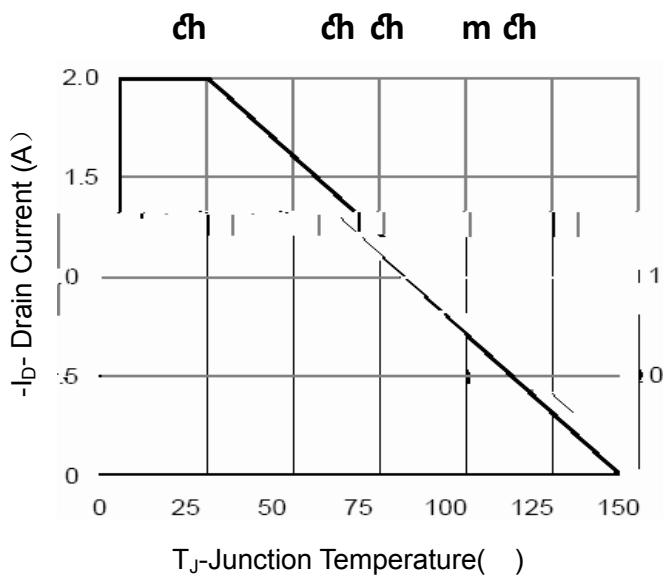
T_J-Junction Temperature(°C)

Figure 1 Power Dissipation



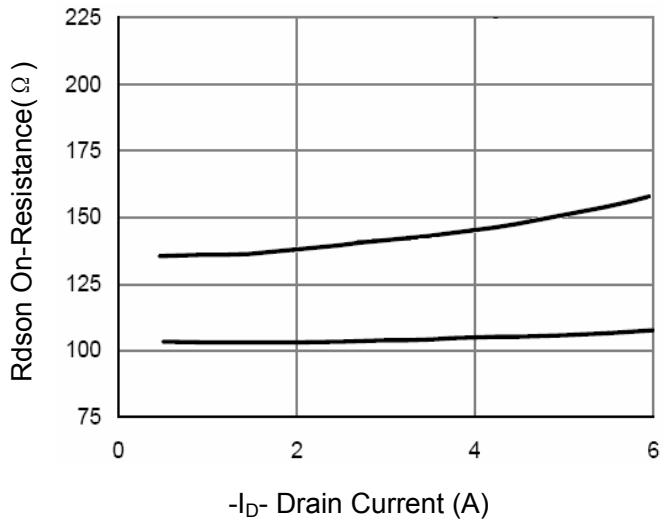
-V_{DS} Drain-Source Voltage (V)

Figure 3 Output Characteristics



T_J-Junction Temperature(°C)

Figure 2 Drain Current



-I_D- Drain Current (A)

Figure 4 Drain-Source On-Resistance

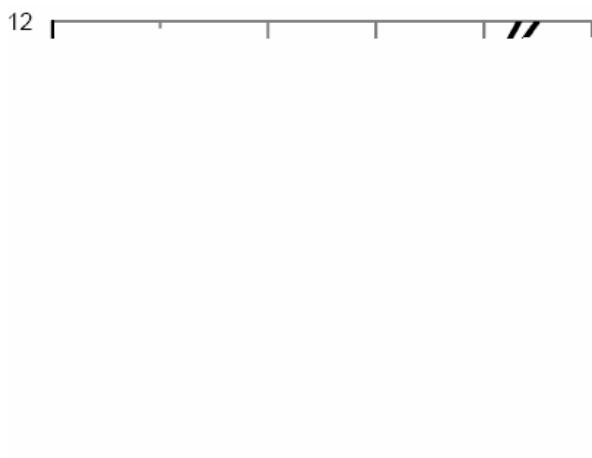


Figure 5 Transfer Characteristics

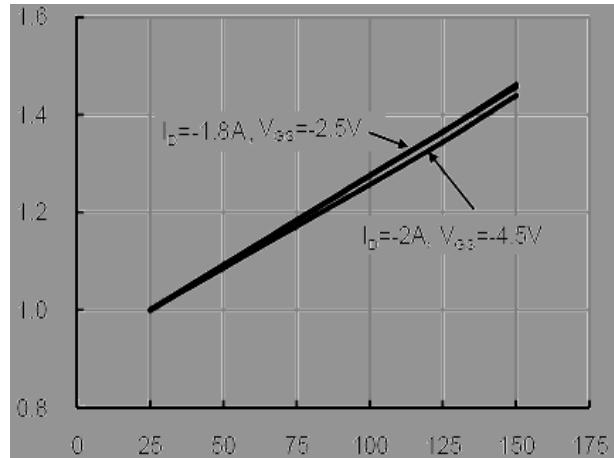


Figure 6 Drain-Source On-Resistance



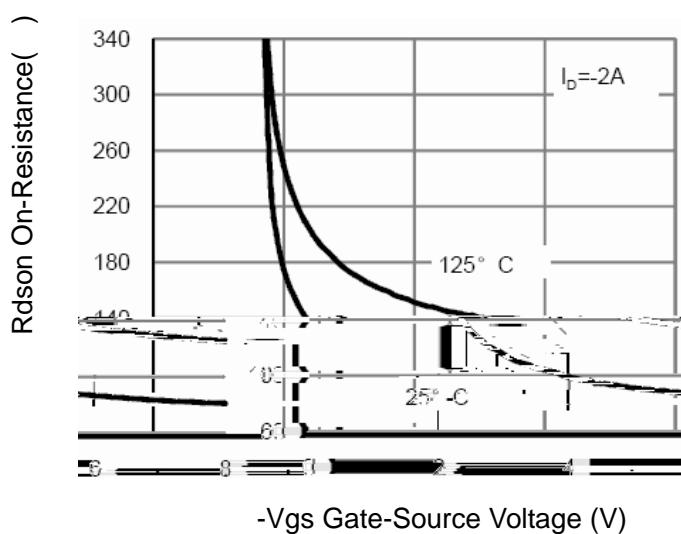


Figure 7 Rdson vs Vgs

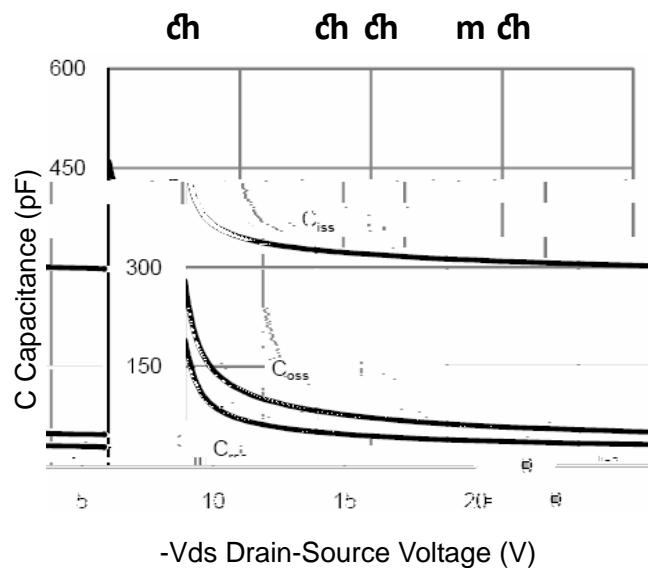


Figure 8 Capacitance vs Vds

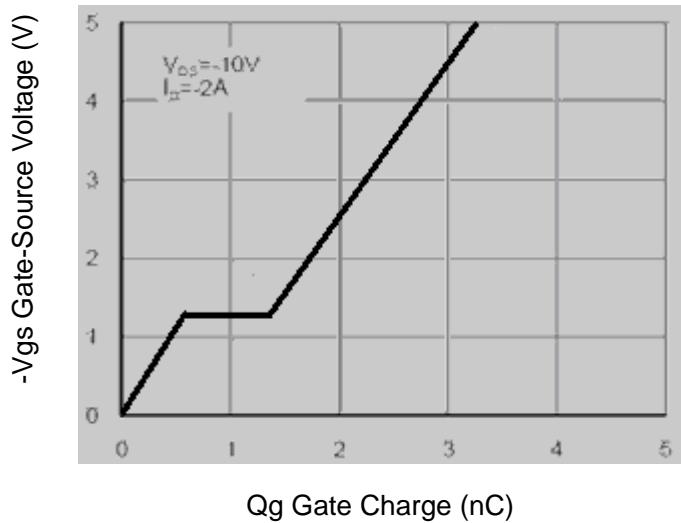


Figure 9 Gate Charge

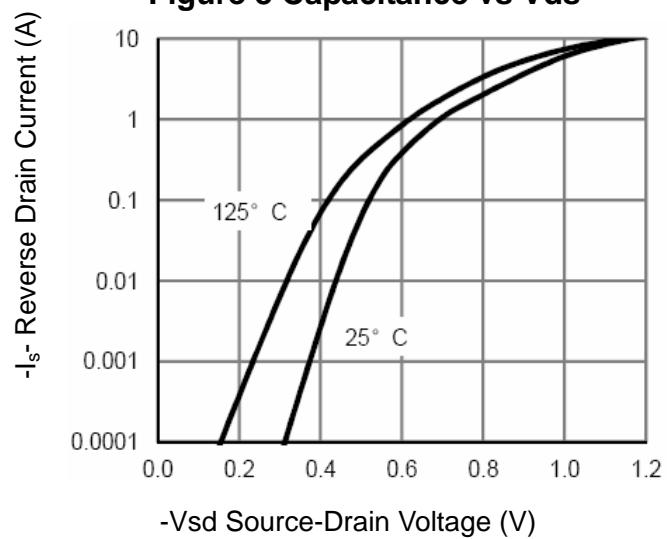


Figure 10 Source- Drain Diode Forward

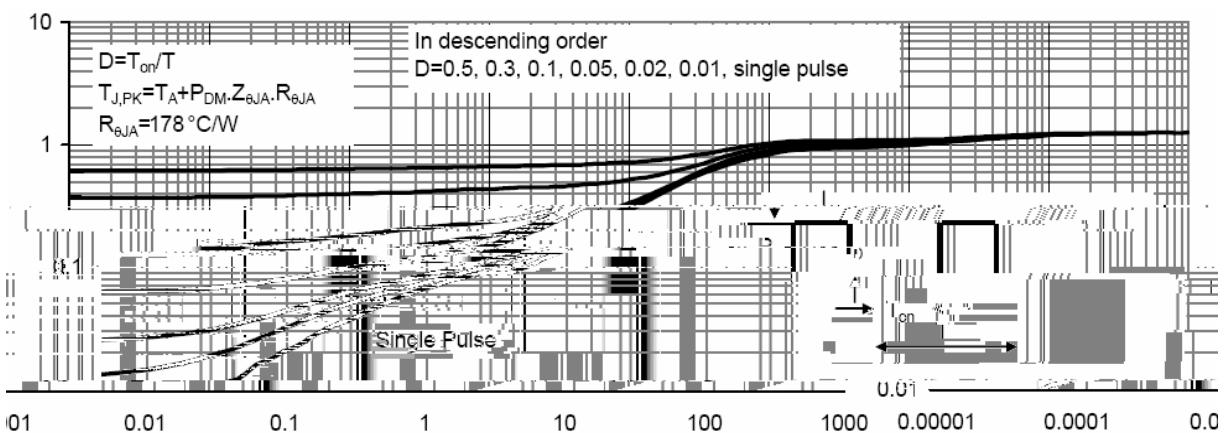


Figure 11 Normalized Maximum Transient Thermal Impedance

Package Mechanical Data-SOT-23