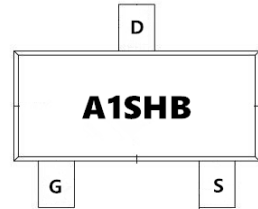
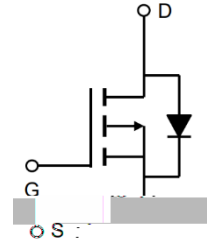


The XB2301A



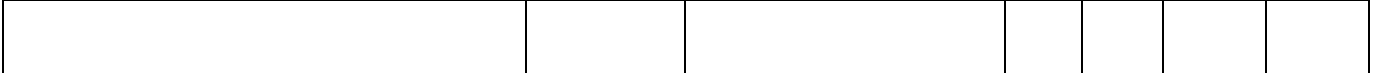
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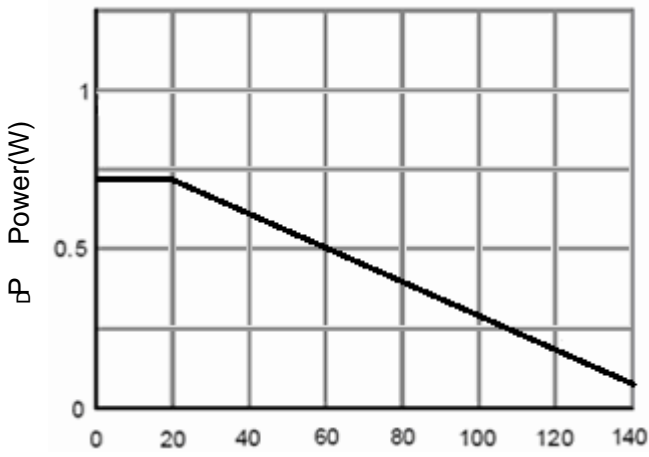
°C

			°C
			°C

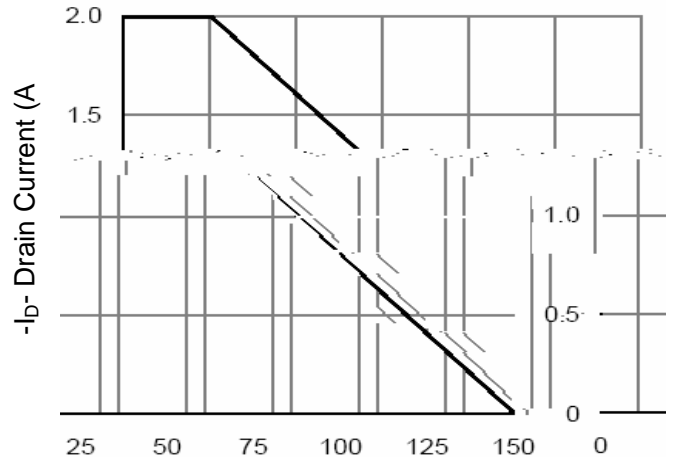


°C

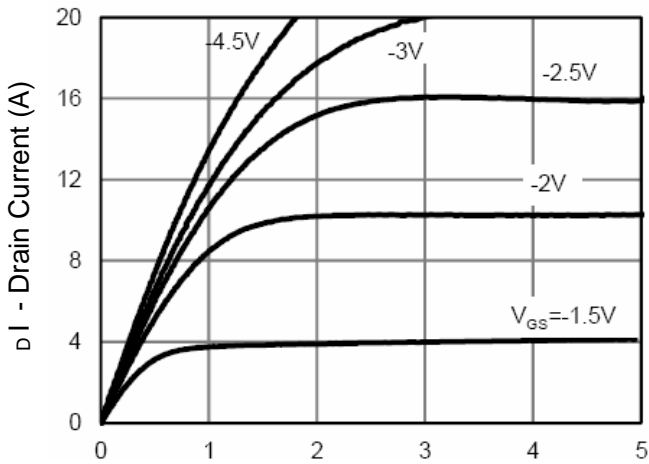




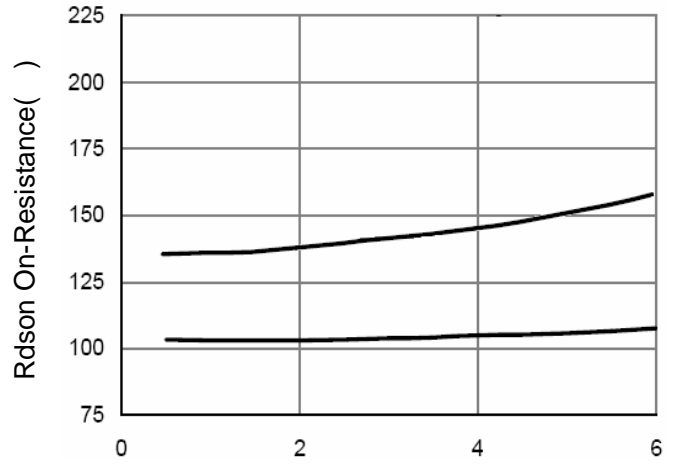
T_J -Junction Temperature (°C)
Figure 1 Power Dissipation



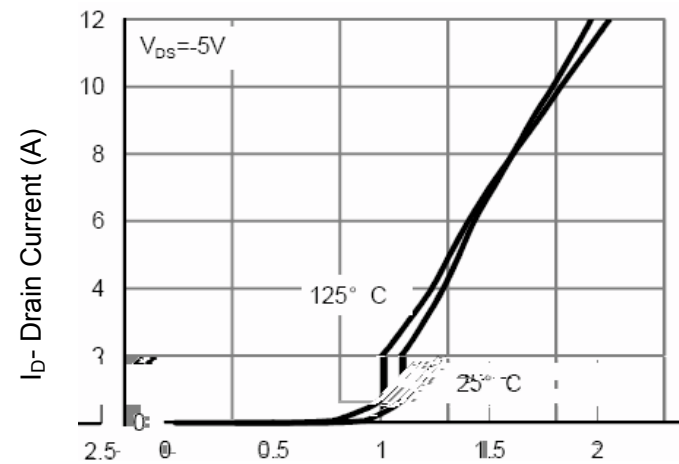
T_J -Junction Temperature (°C)
Figure 2 Drain Current



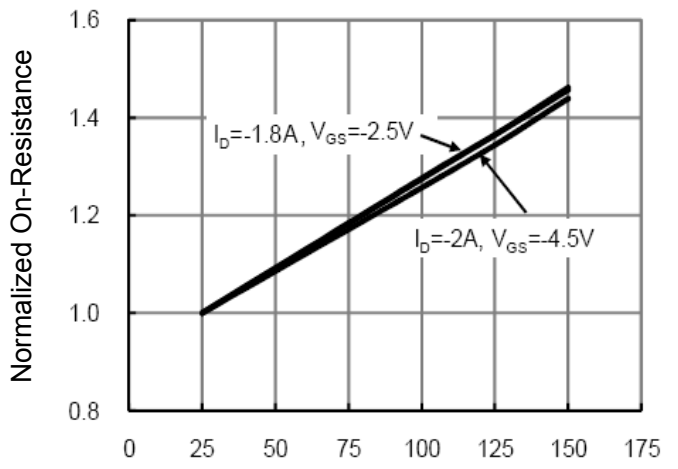
$-V_{DS}$ Drain-Source Voltage (V)
Figure 3 Output Characteristics



$-I_D$ - Drain Current (A)
Figure 4 Drain-Source On-Resistance



$-V_{GS}$ Gate-Source Voltage (V)
Figure 5 Transfer Characteristics



T_J -Junction Temperature (°C)
Figure 6 Drain-Source On-Resistance

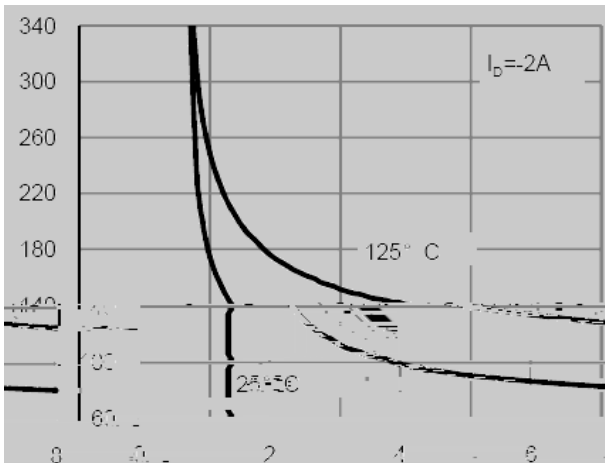


Figure 7 Rdson vs Vgs

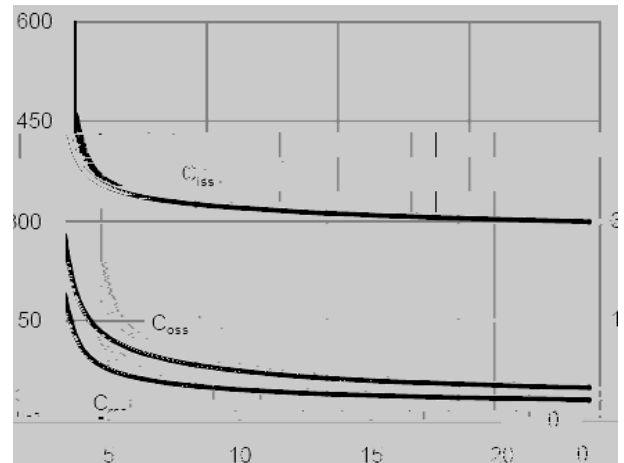


Figure 8 Capacitance vs Vds

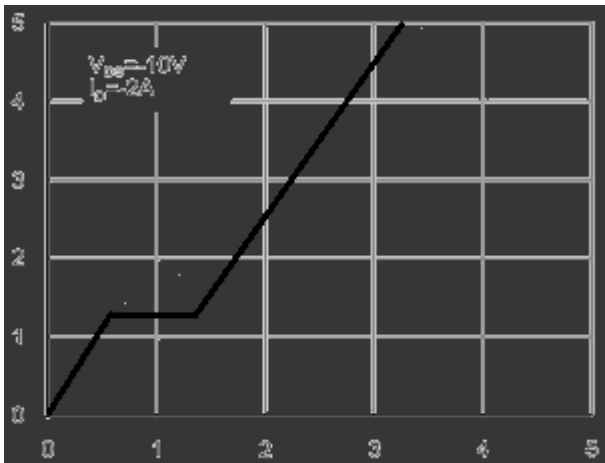


Figure 9 Gate Charge

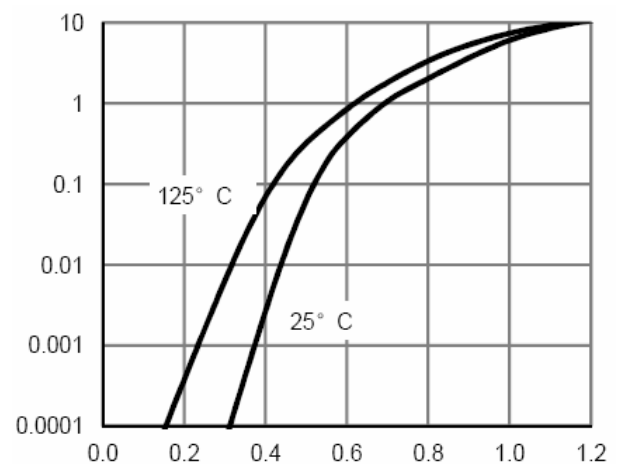


Figure 10 Source- Drain Diode Forward

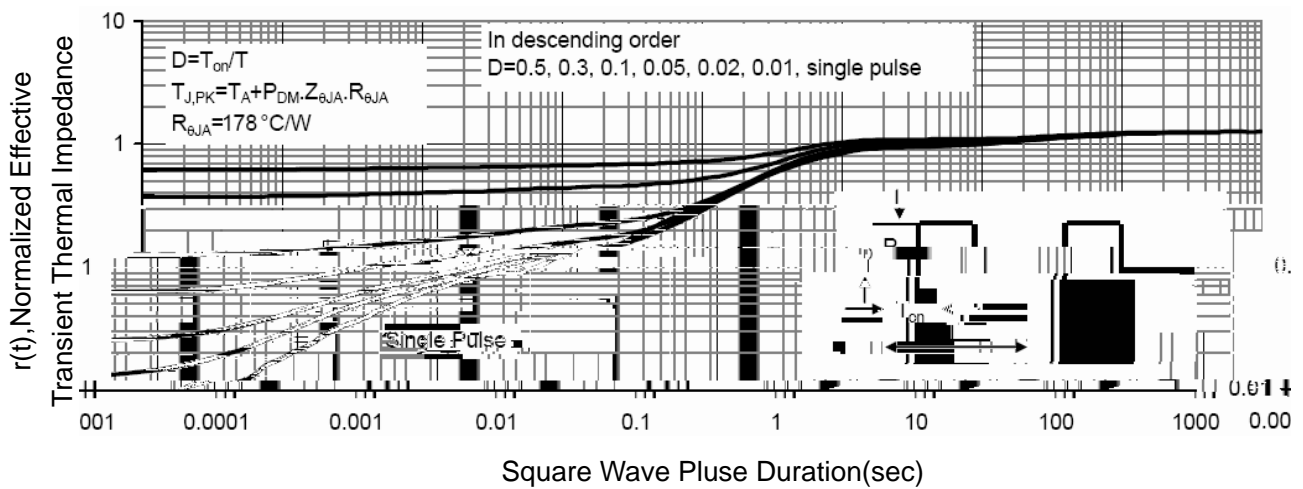


Figure 11 Normalized Maximum Transient Thermal Impedance

Package Mechanical Data-SOT-23
