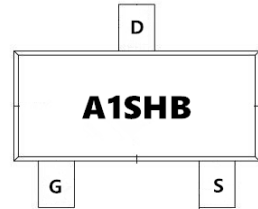
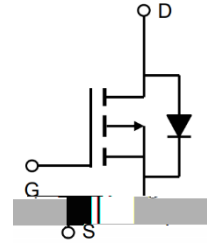


The XB2301A



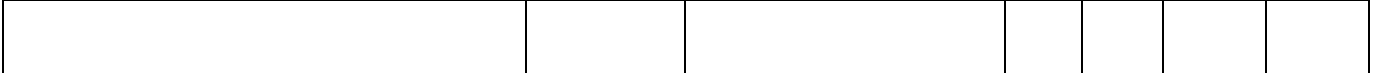
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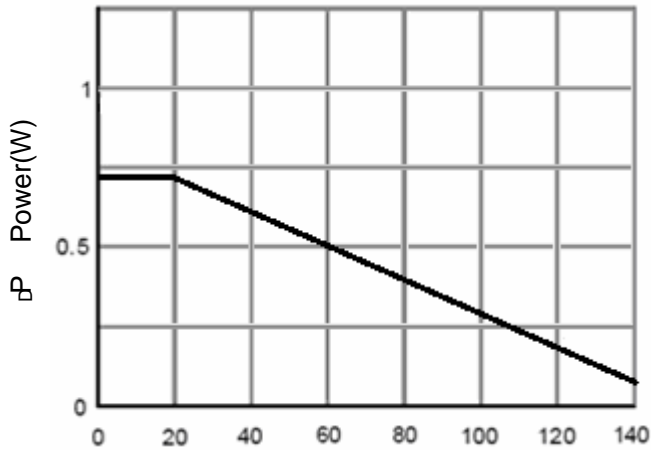
°C

			°C
			°C



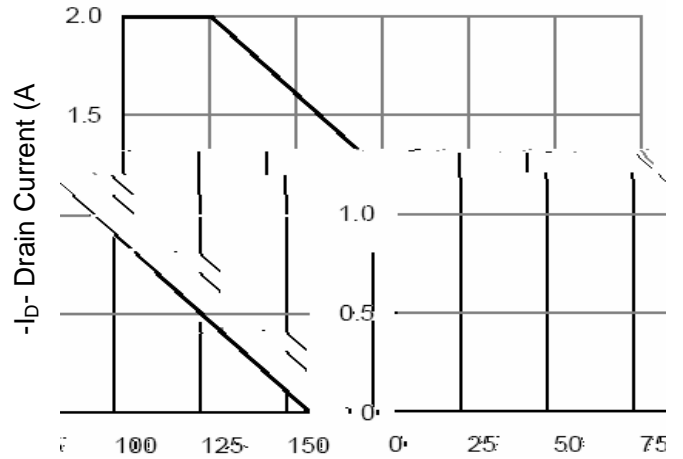
°C





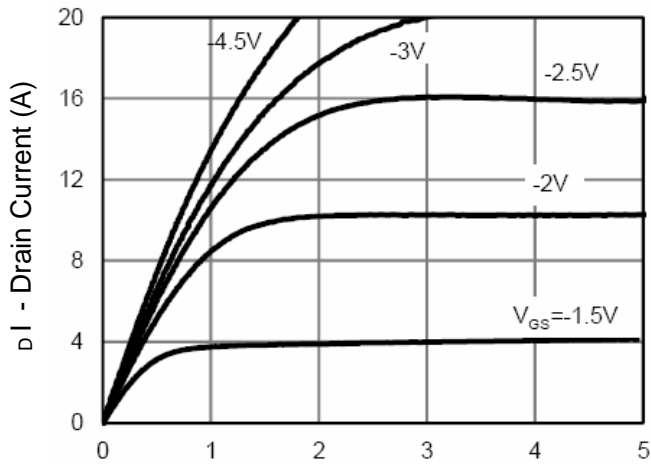
T_J -Junction Temperature ($^{\circ}$)

Figure 1 Power Dissipation



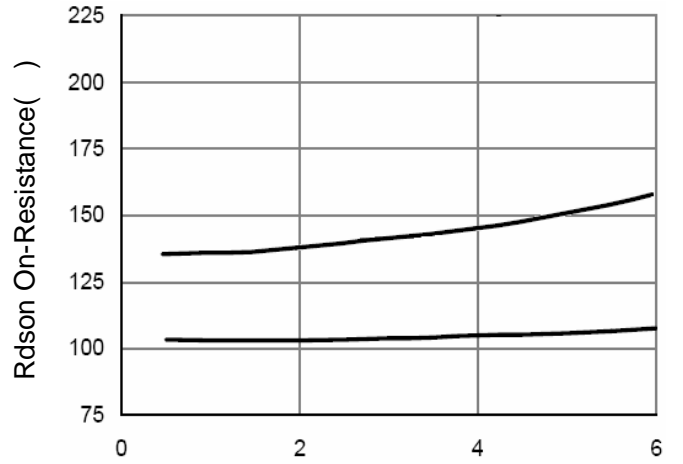
T_J -Junction Temperature ($^{\circ}$)

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



Figure 5 Transfer Characteristics

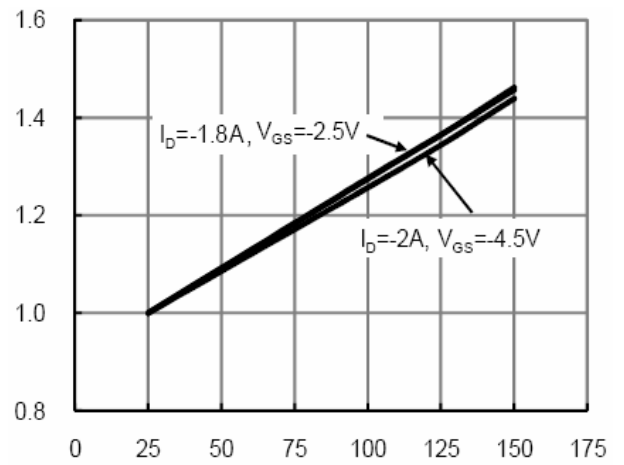


Figure 6 Drain-Source On-Resistance

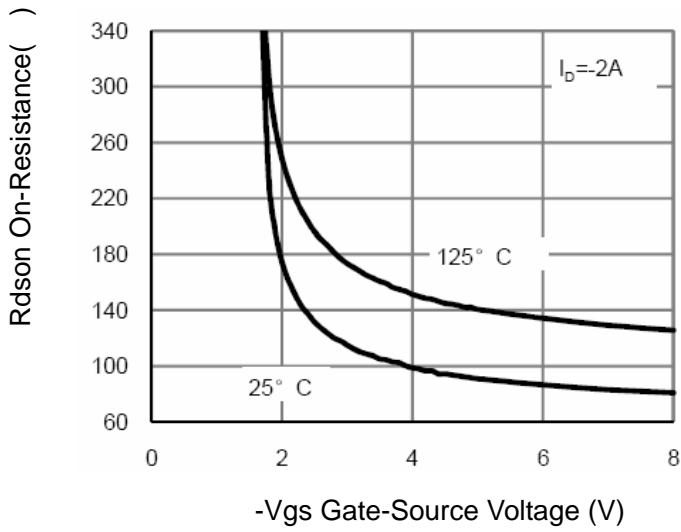


Figure 7 Rdson vs Vgs

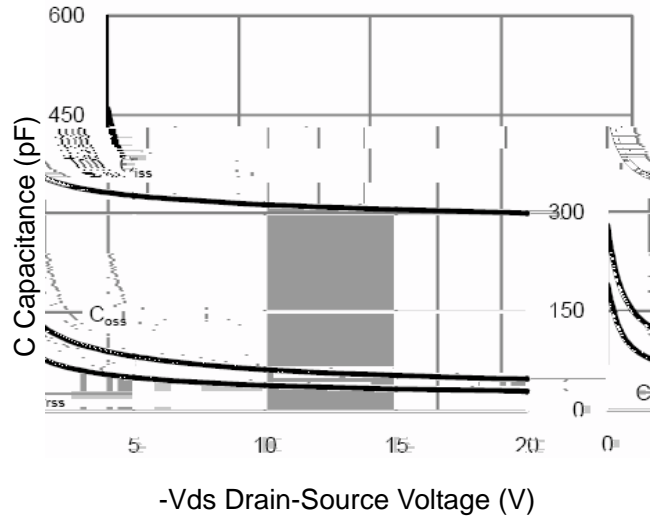


Figure 8 Capacitance vs Vds

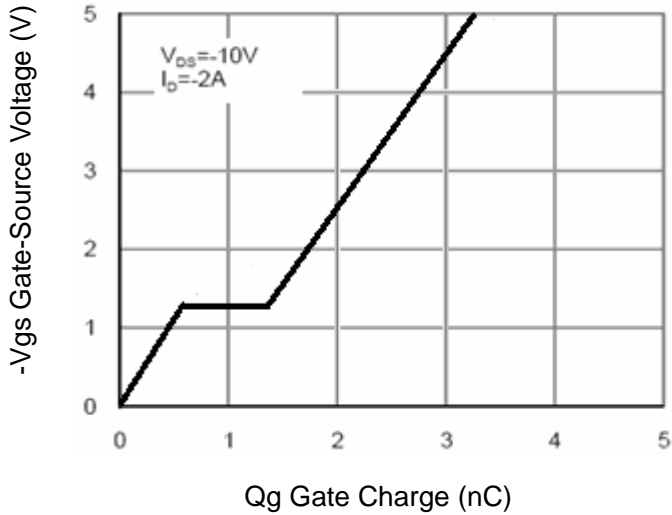


Figure 9 Gate Charge

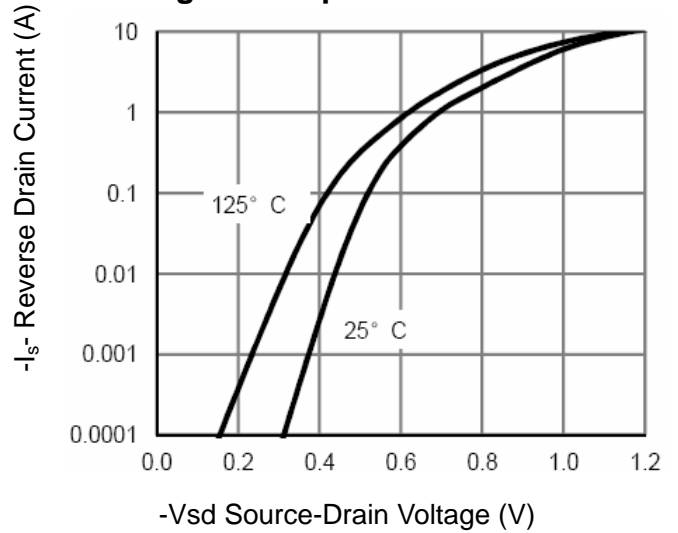


Figure 10 Source- Drain Diode Forward

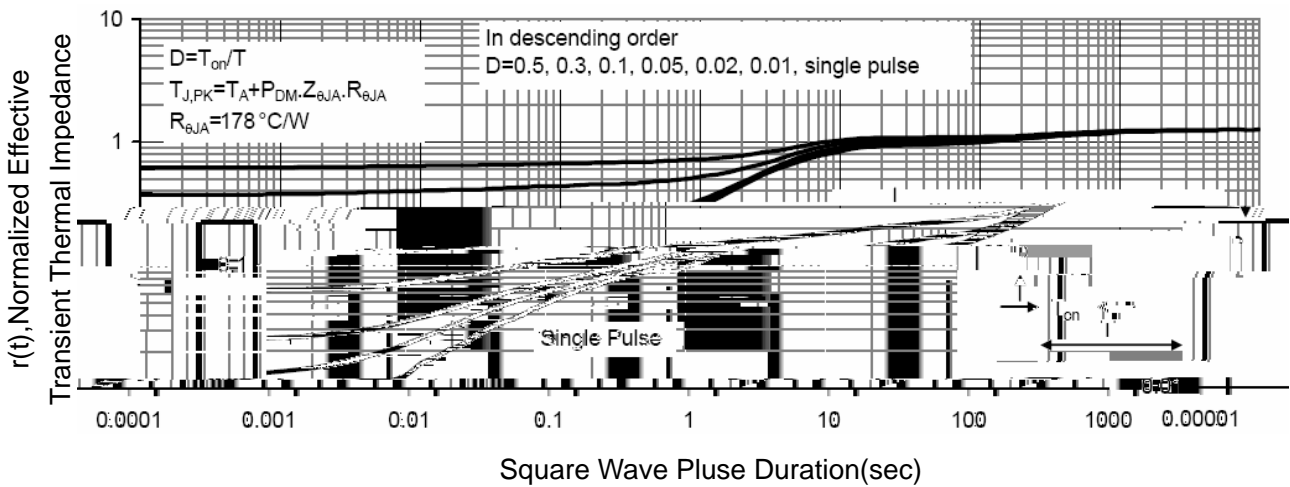


Figure 11 Normalized Maximum Transient Thermal Impedance

Package Mechanical Data-SOT-23
