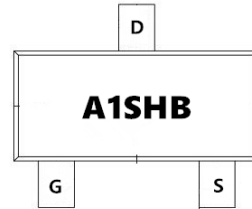
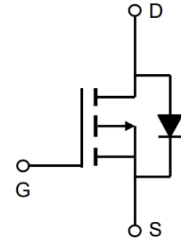


The XB2301A



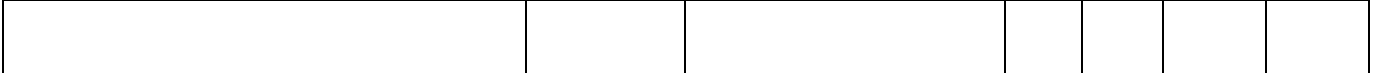
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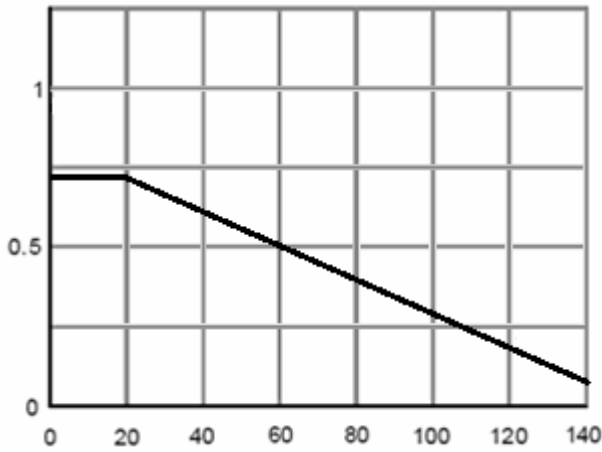
°C

			°C
			°C

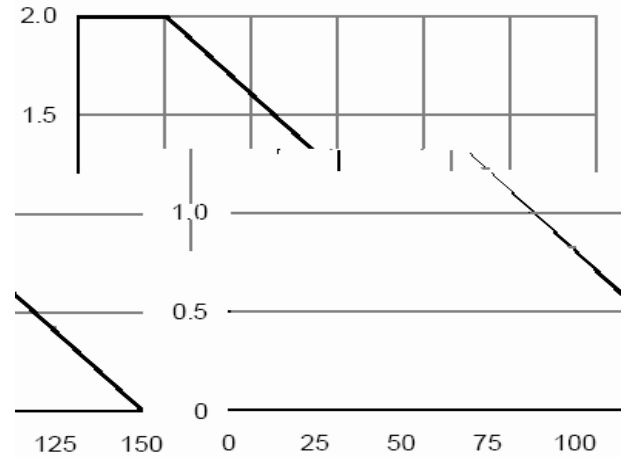


°C

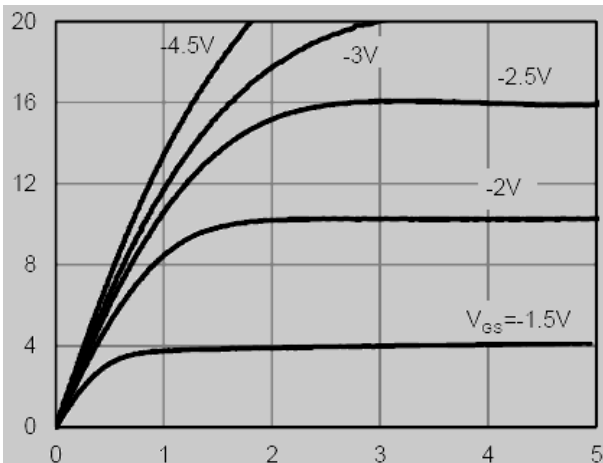




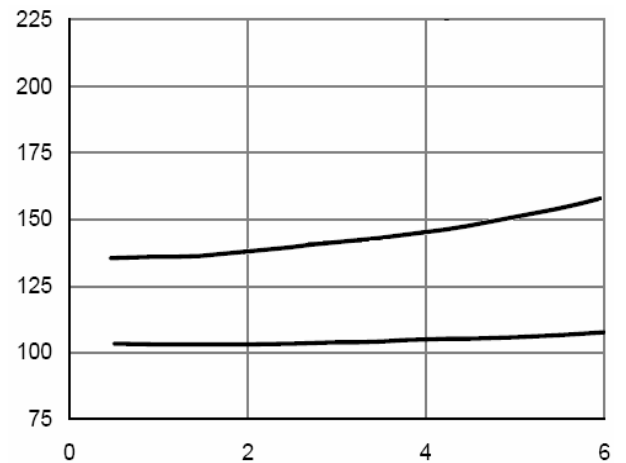
**Figure 1 Power Dissipation**



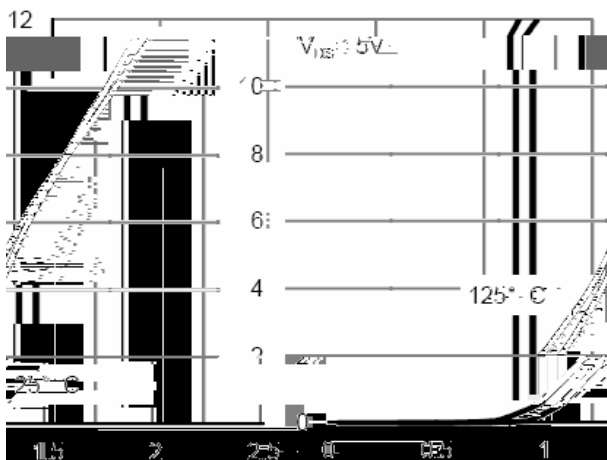
**Figure 2 Drain Current**



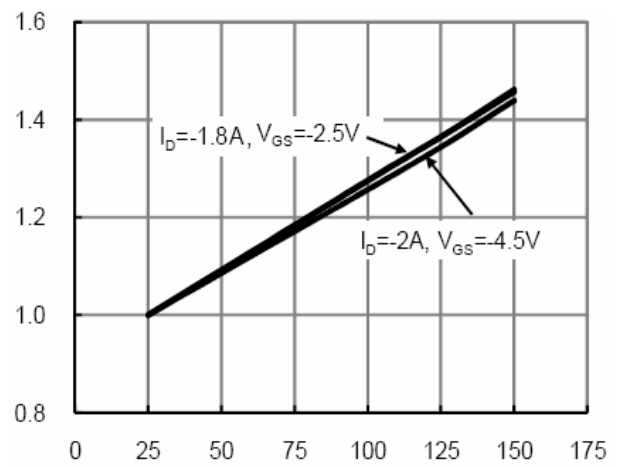
**Figure 3 Output Characteristics**



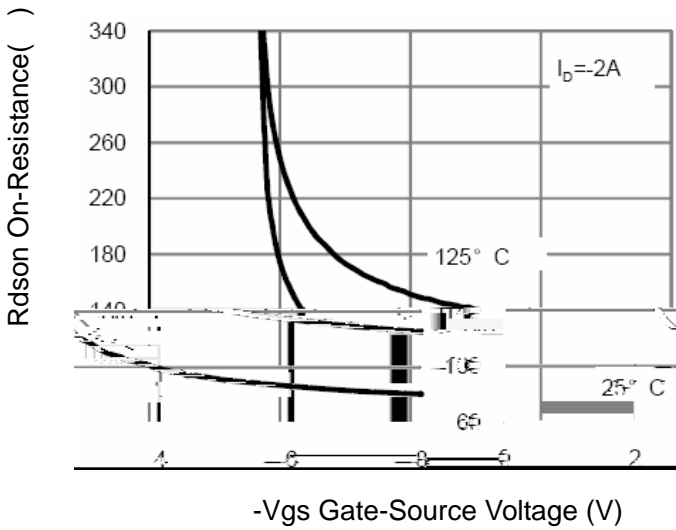
**Figure 4 Drain-Source On-Resistance**



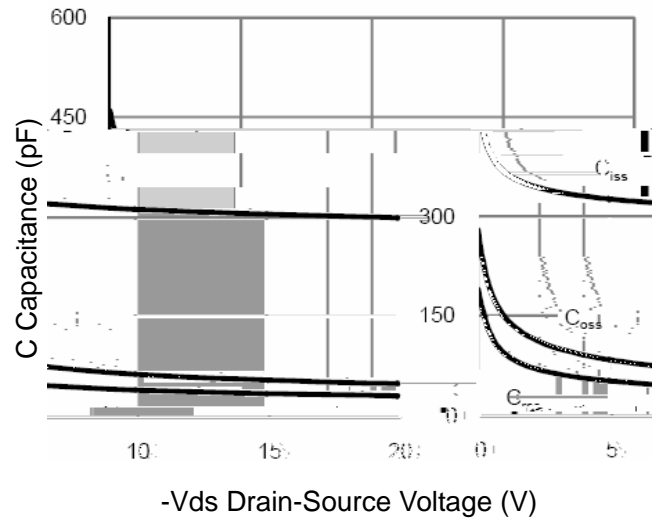
**Figure 5 Transfer Characteristics**



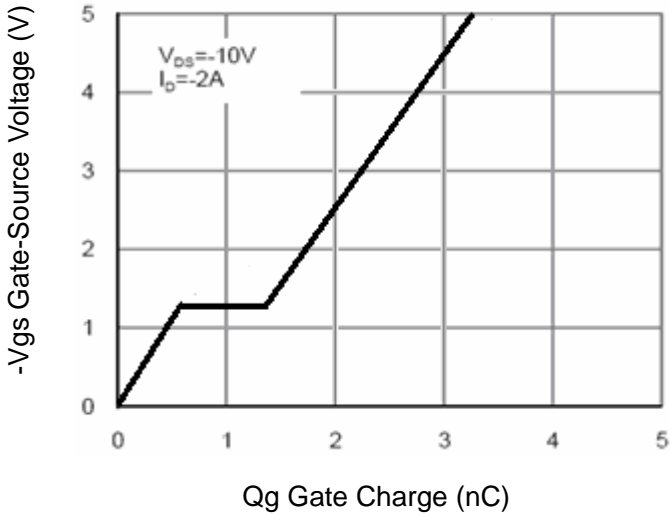
**Figure 6 Drain-Source On-Resistance**



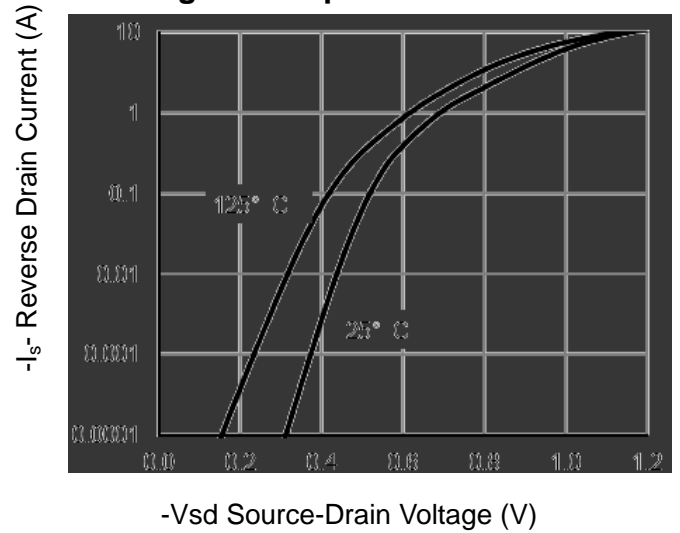
**Figure 7 Rdson vs Vgs**



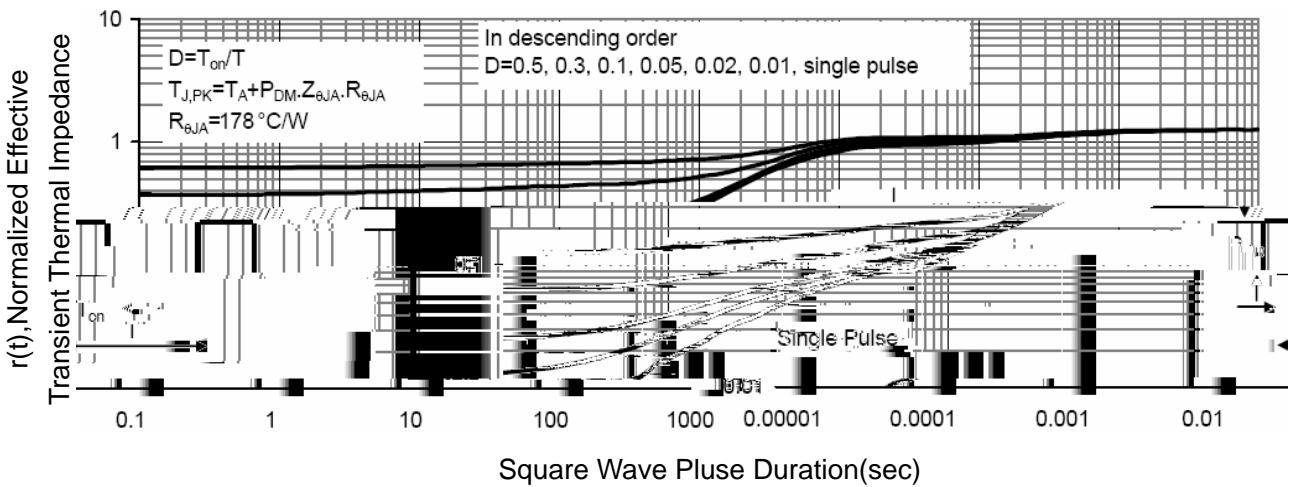
**Figure 8 Capacitance vs Vds**



**Figure 9 Gate Charge**



**Figure 10 Source- Drain Diode Forward**



**Figure 11 Normalized Maximum Transient Thermal Impedance**

## Package Mechanical Data-SOT-23
