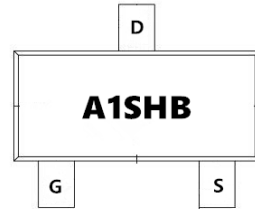
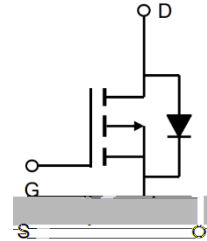


The XB2301A



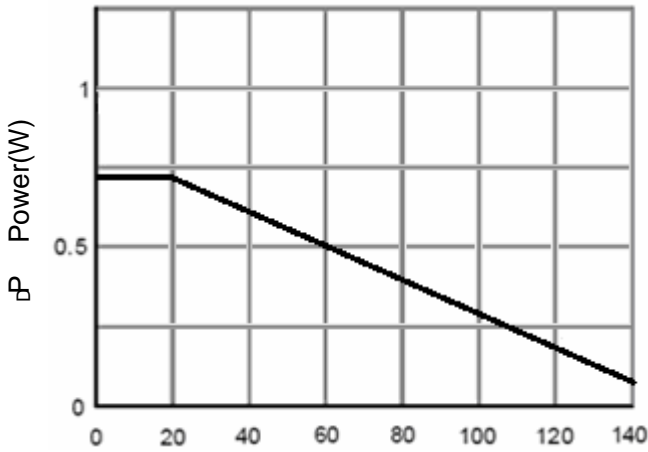
XB2301A			

°C

			°C
			°C

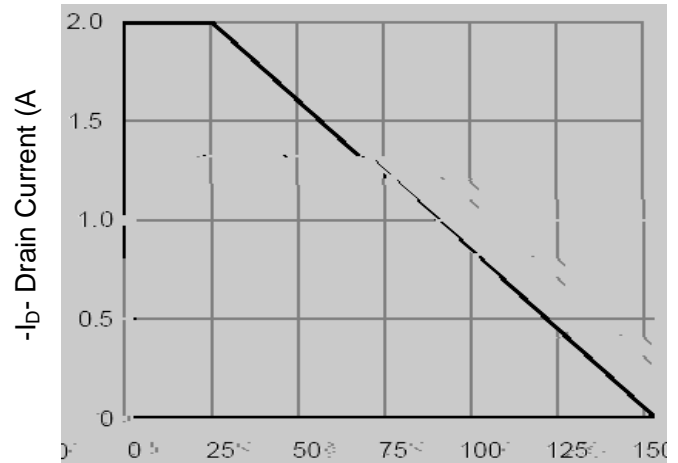


°C



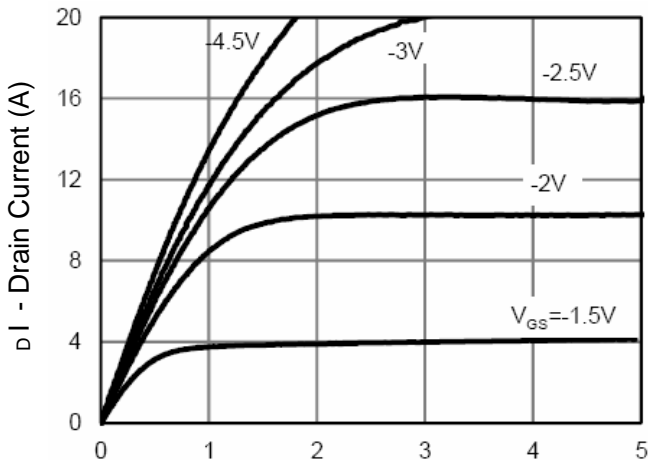
T_J-Junction Temperature(°C)

Figure 1 Power Dissipation



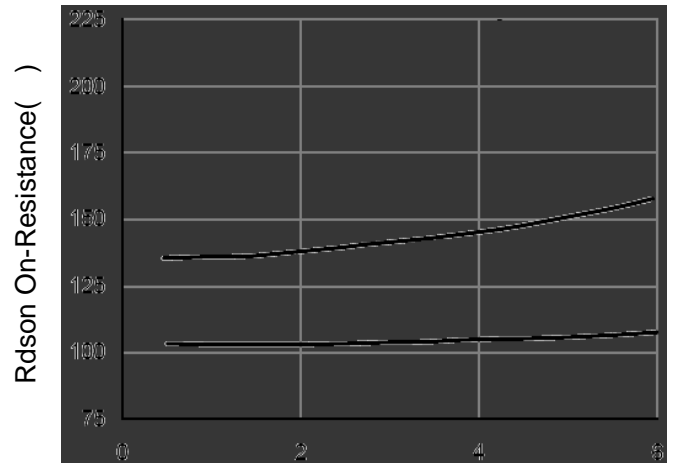
T_J-Junction Temperature(°C)

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



Figure 5 Transfer Characteristics

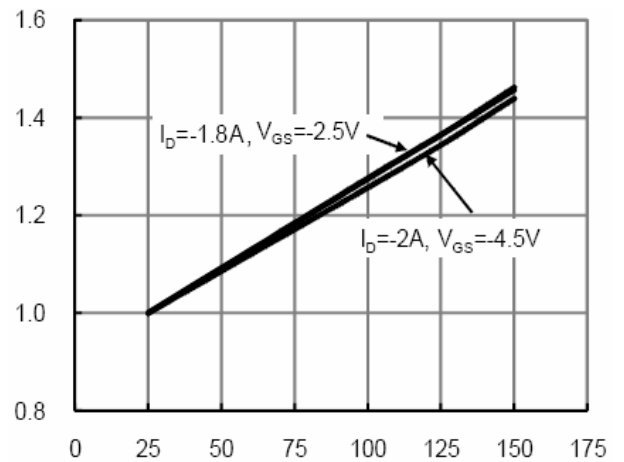


Figure 6 Drain-Source On-Resistance

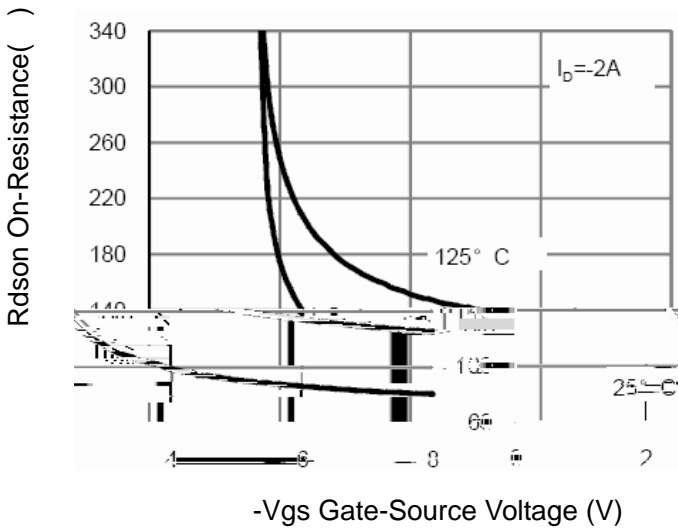


Figure 7 Rdson vs Vgs

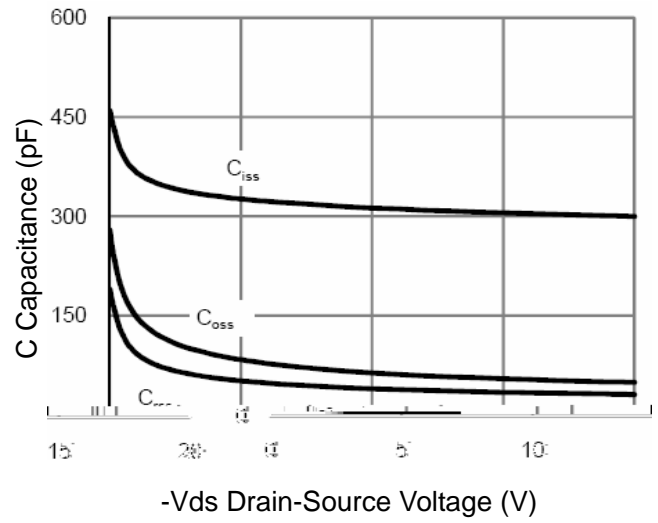


Figure 8 Capacitance vs Vds

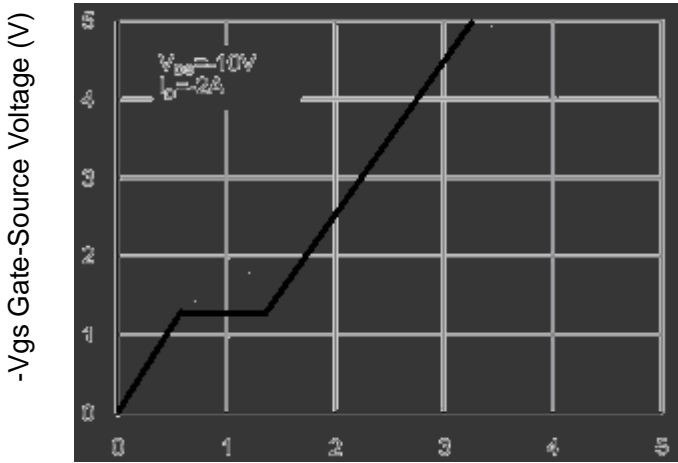


Figure 9 Gate Charge

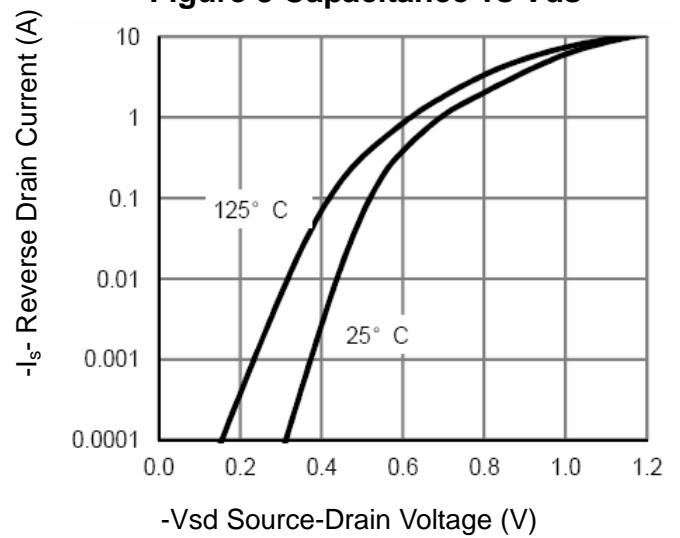


Figure 10 Source- Drain Diode Forward

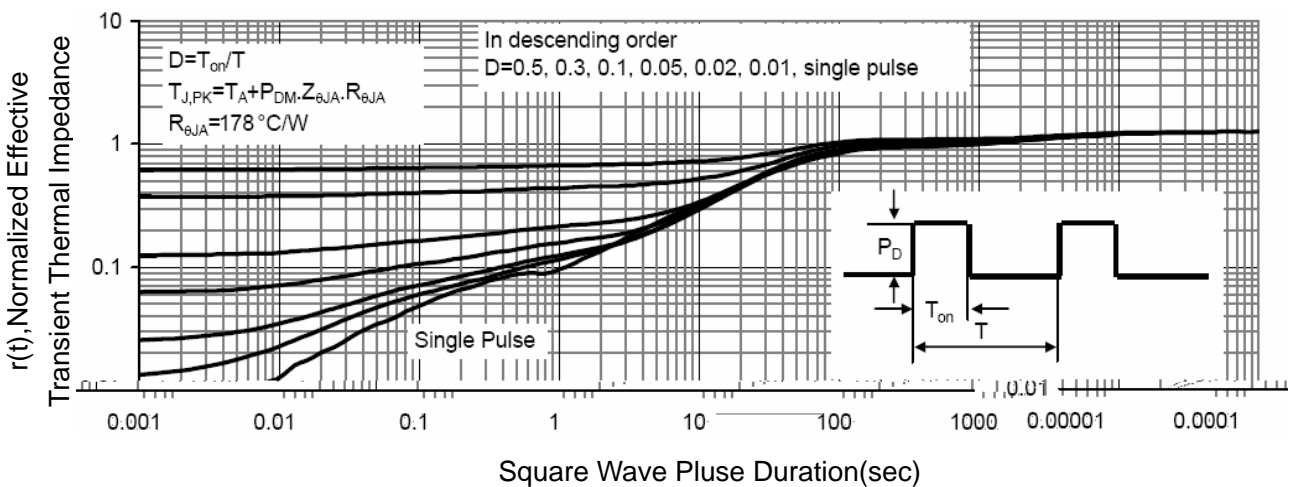


Figure 11 Normalized Maximum Transient Thermal Impedance

Package Mechanical Data-SOT-23
