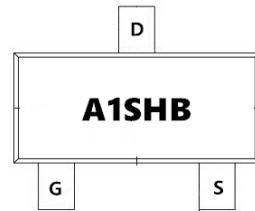
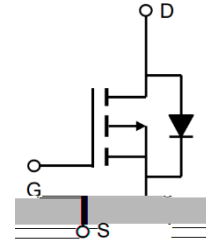


The XB2301A

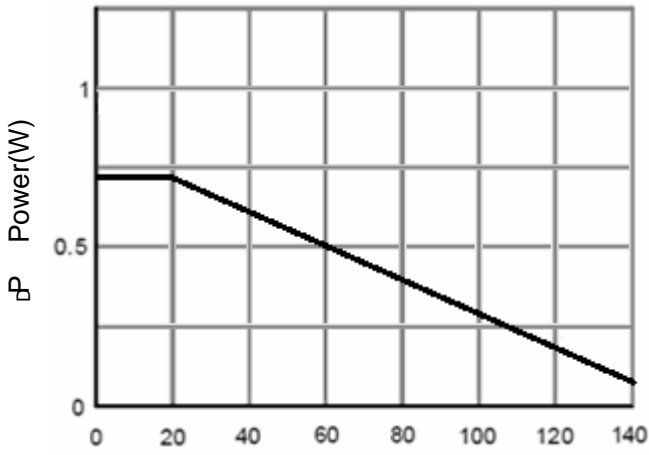


XB2301A			

°C

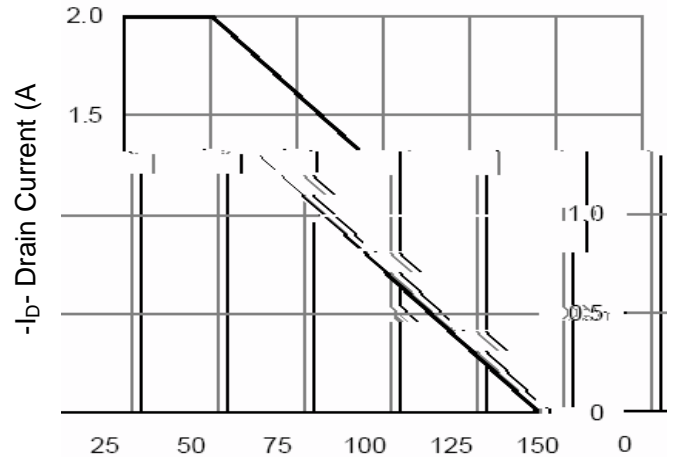
			°C
			°C





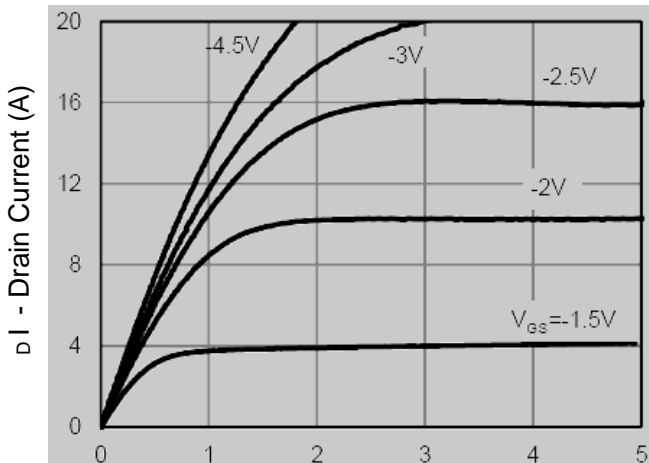
T_J -Junction Temperature(°C)

Figure 1 Power Dissipation



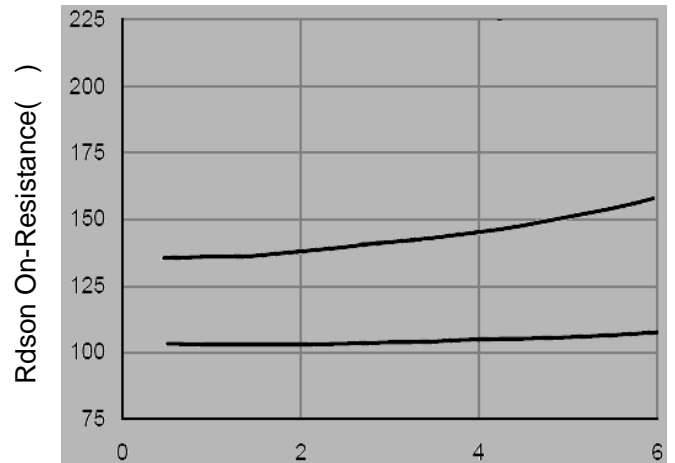
T_J -Junction Temperature(°C)

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

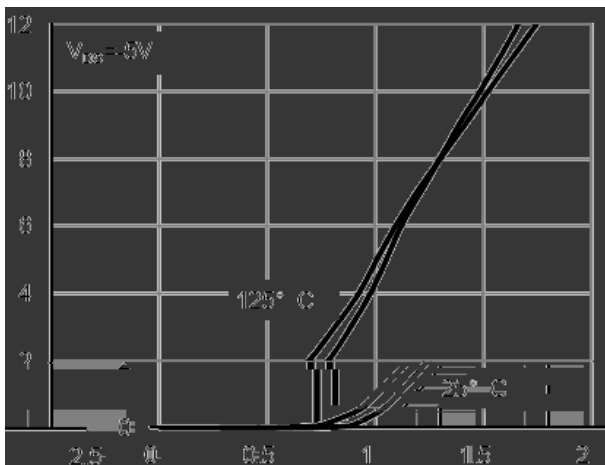


Figure 5 Transfer Characteristics

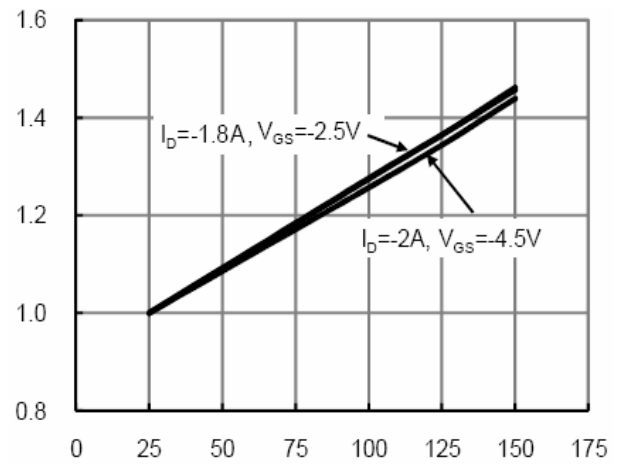
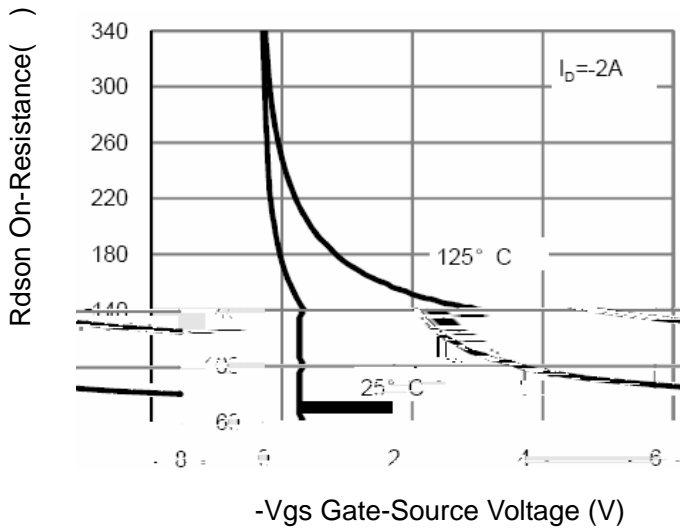
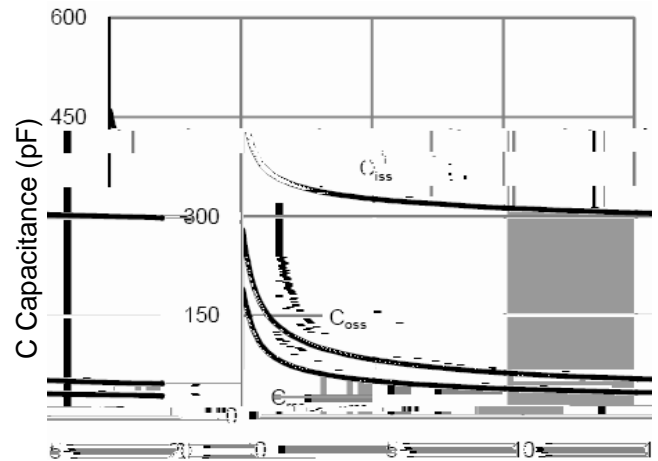


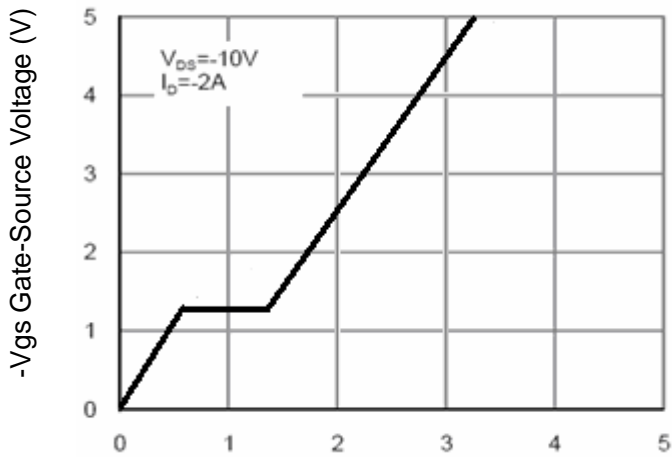
Figure 6 Drain-Source On-Resistance



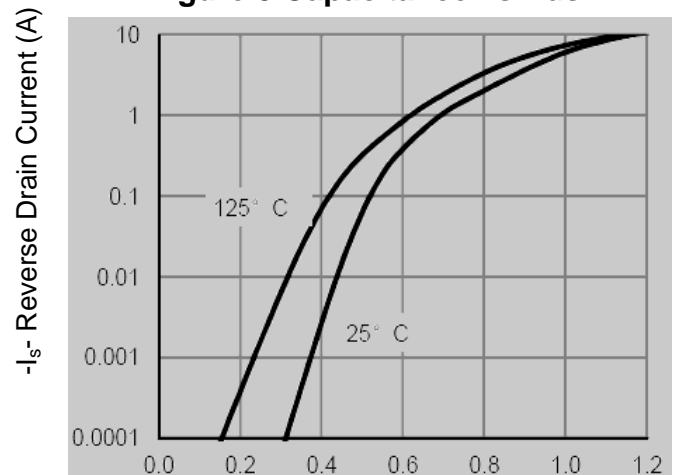
-Vgs Gate-Source Voltage (V)
Figure 7 Rdson vs Vgs



-Vds Drain-Source Voltage (V)
Figure 8 Capacitance vs Vds



Qg Gate Charge (nC)
Figure 9 Gate Charge



-Vsd Source-Drain Voltage (V)
Figure 10 Source-Drain Diode Forward

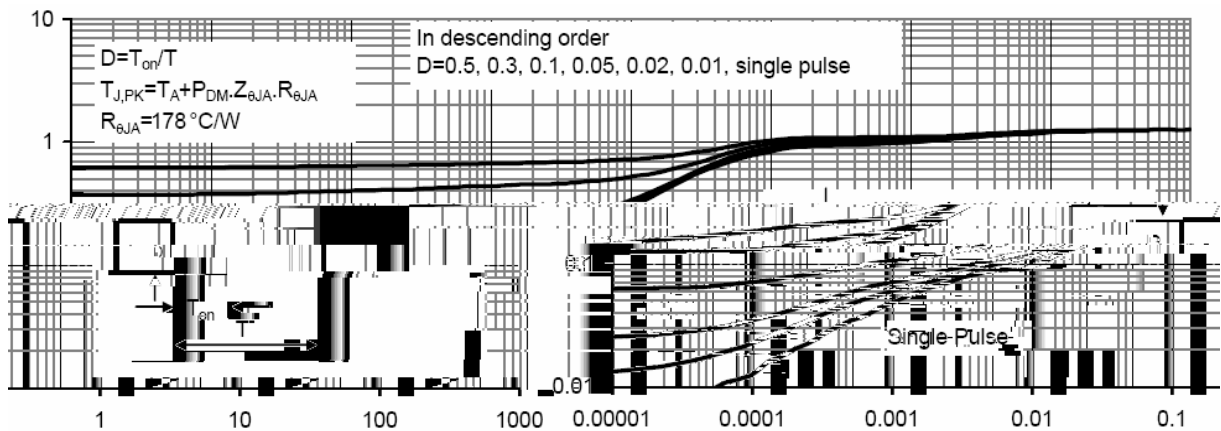


Figure 11 Normalized Maximum Transient Thermal Impedance

