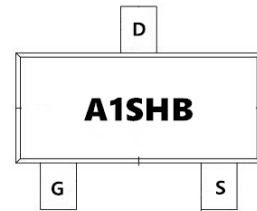
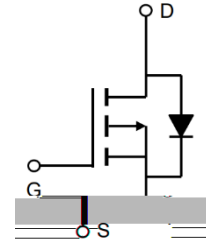


The XB2301A



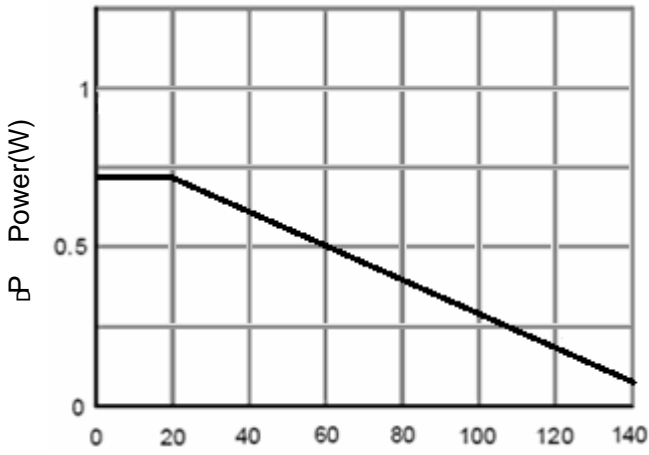
XB2301A			

°C

			°C
			°C

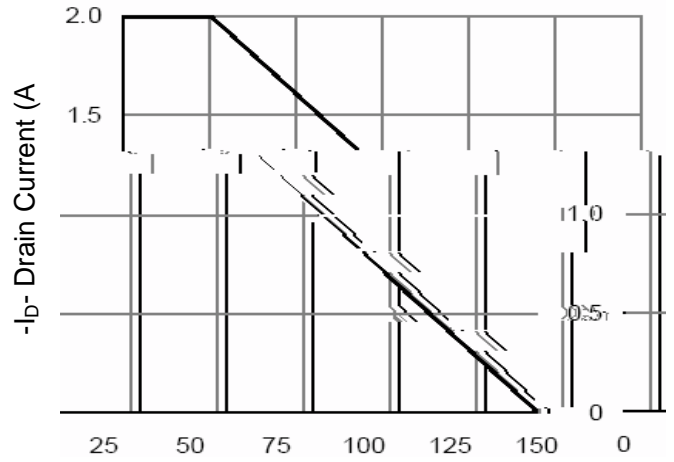






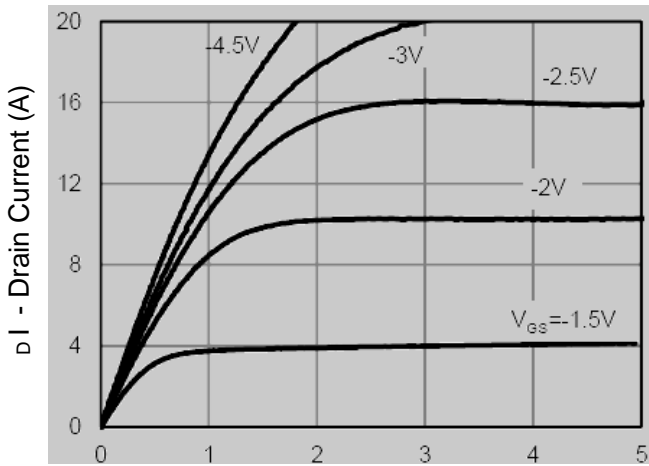
$T_J$ -Junction Temperature( °C )

**Figure 1 Power Dissipation**



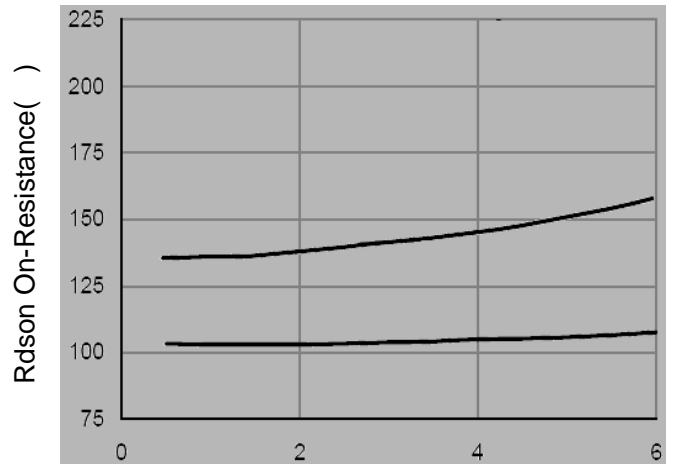
$T_J$ -Junction Temperature( °C )

**Figure 2 Drain Current**



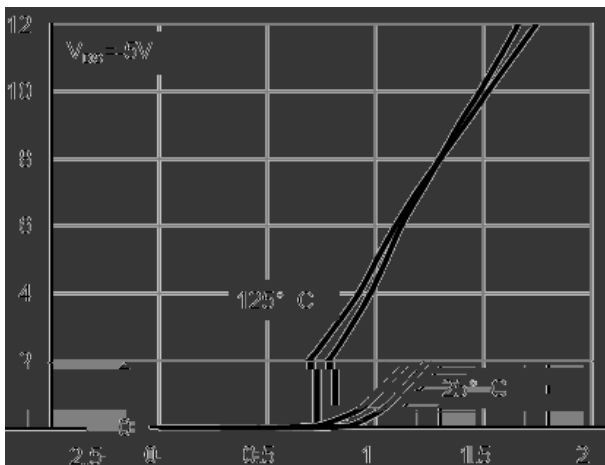
$-V_{DS}$  Drain-Source Voltage (V)

**Figure 3 Output Characteristics**

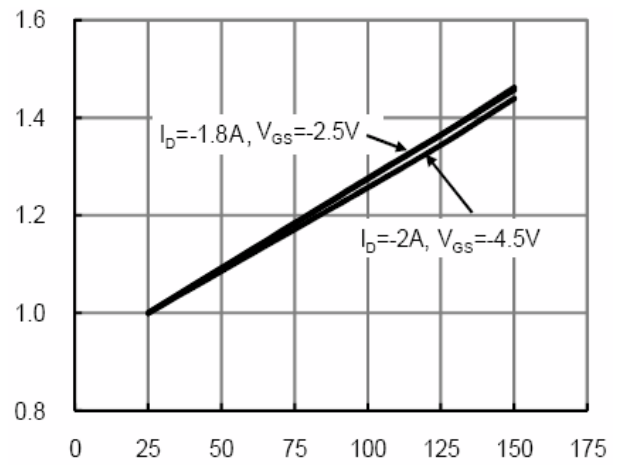


$-I_D$ - Drain Current (A)

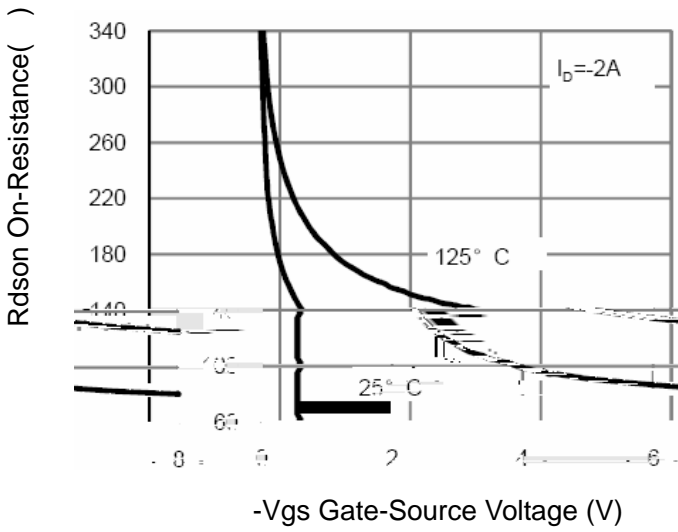
**Figure 4 Drain-Source On-Resistance**



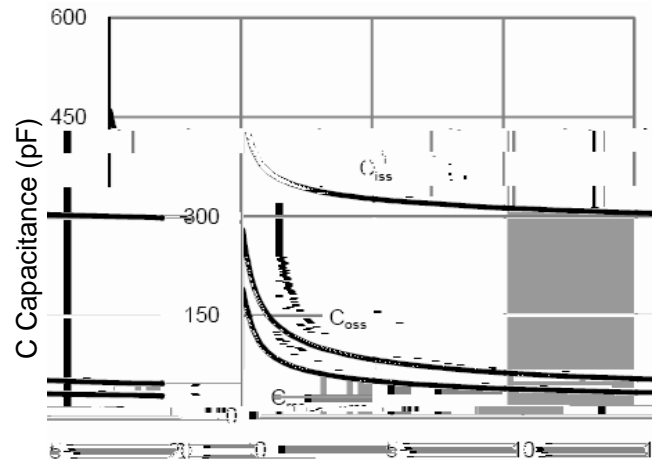
**Figure 5 Transfer Characteristics**



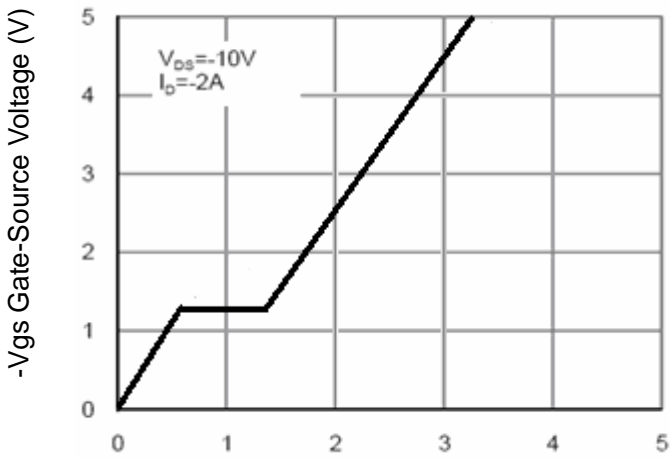
**Figure 6 Drain-Source On-Resistance**



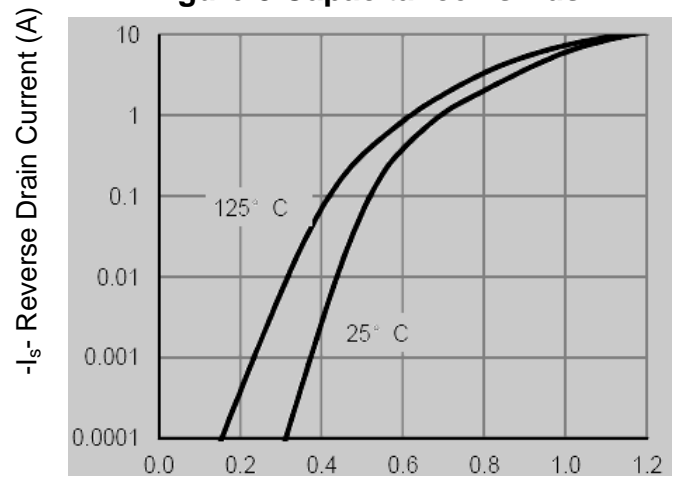
-Vgs Gate-Source Voltage (V)  
**Figure 7 Rdson vs Vgs**



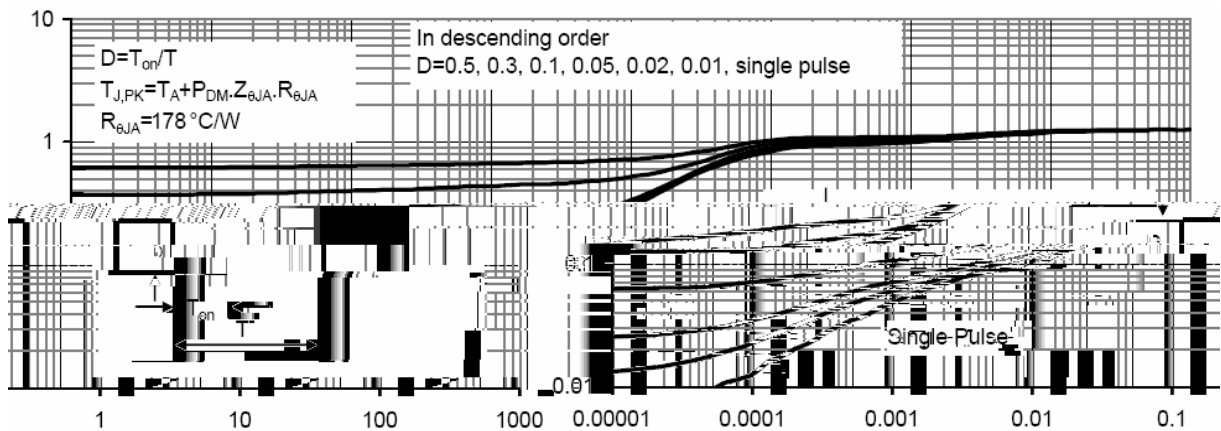
-Vds Drain-Source Voltage (V)  
**Figure 8 Capacitance vs Vds**



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**

