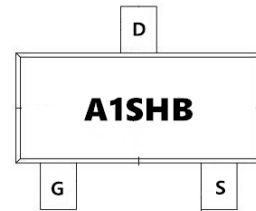
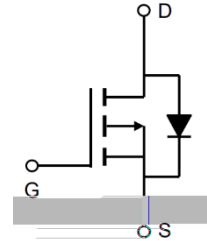


d d d d

The XB2301A



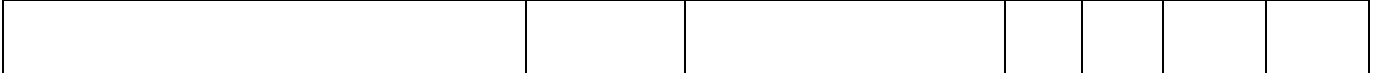
XB2301A			

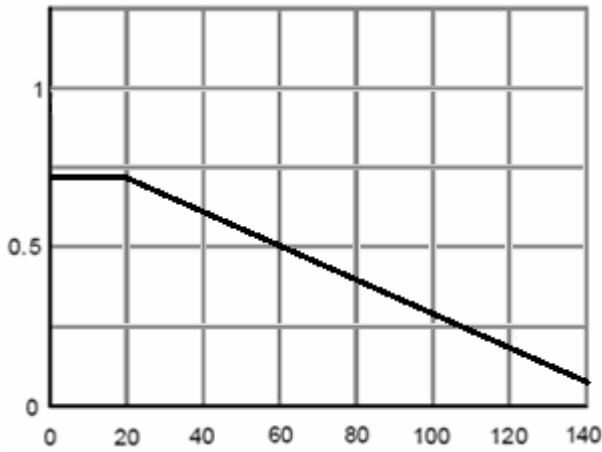
°C

			°C
			°C

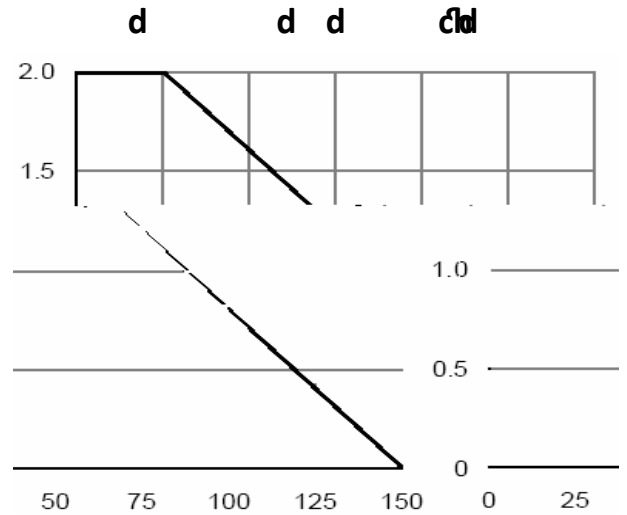


°C

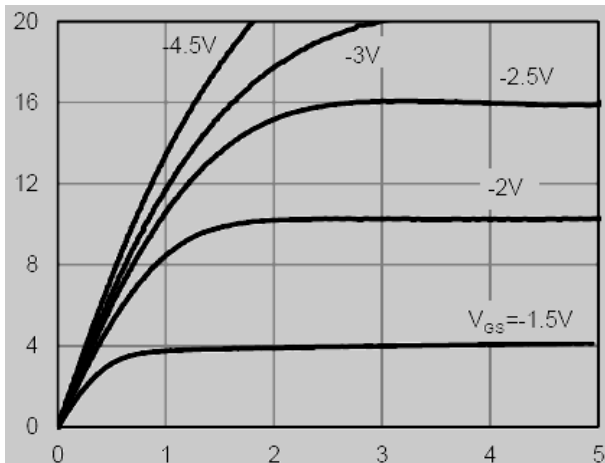




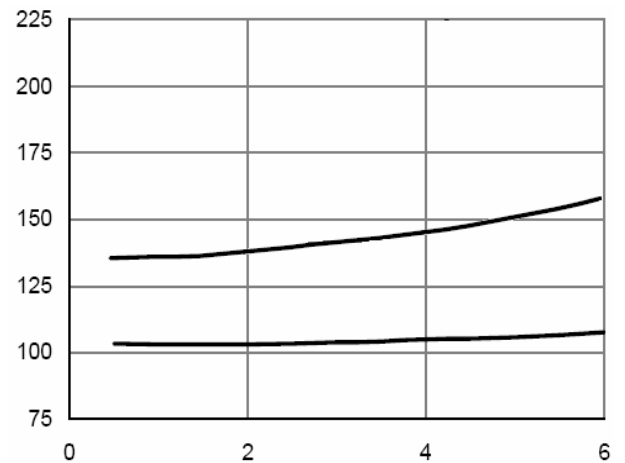
**Figure 1 Power Dissipation**



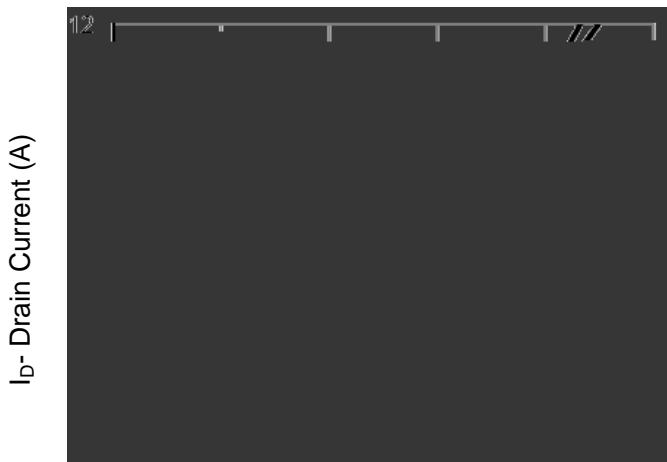
**Figure 2 Drain Current**



**Figure 3 Output Characteristics**

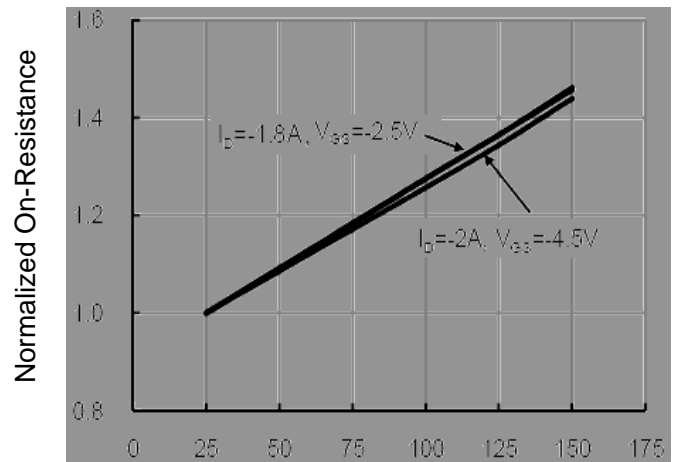


**Figure 4 Drain-Source On-Resistance**



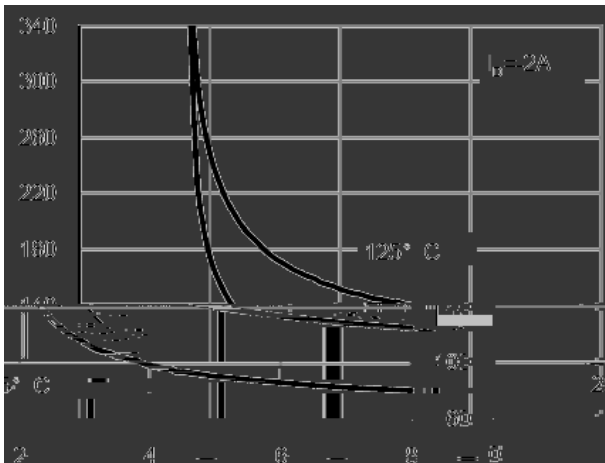
-Vgs Gate-Source Voltage (V)

**Figure 5 Transfer Characteristics**

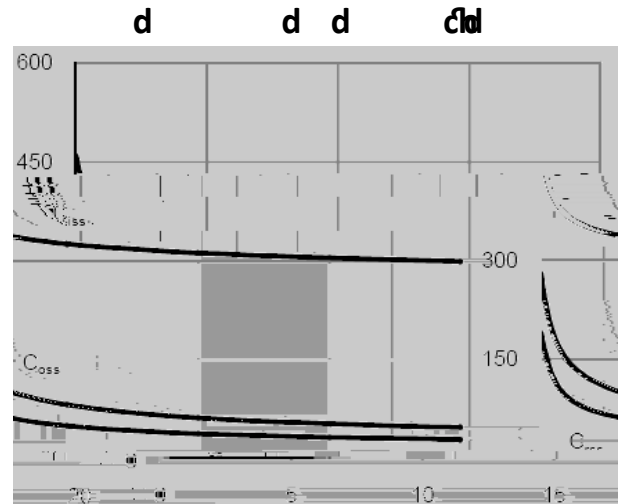


$T_J$ -Junction Temperature( )

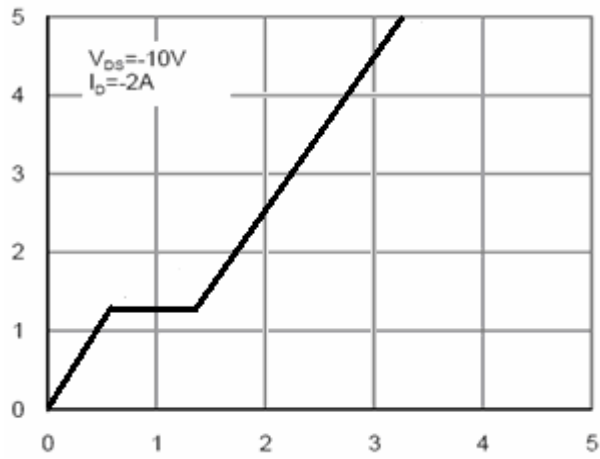
**Figure 6 Drain-Source On-Resistance**



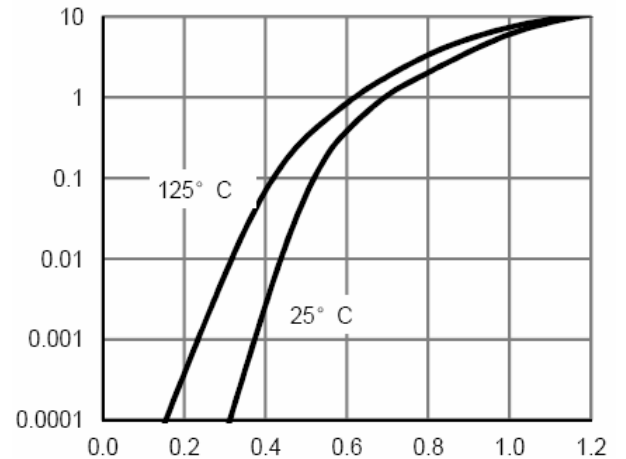
**Figure 7 Rds(on) vs Vgs**



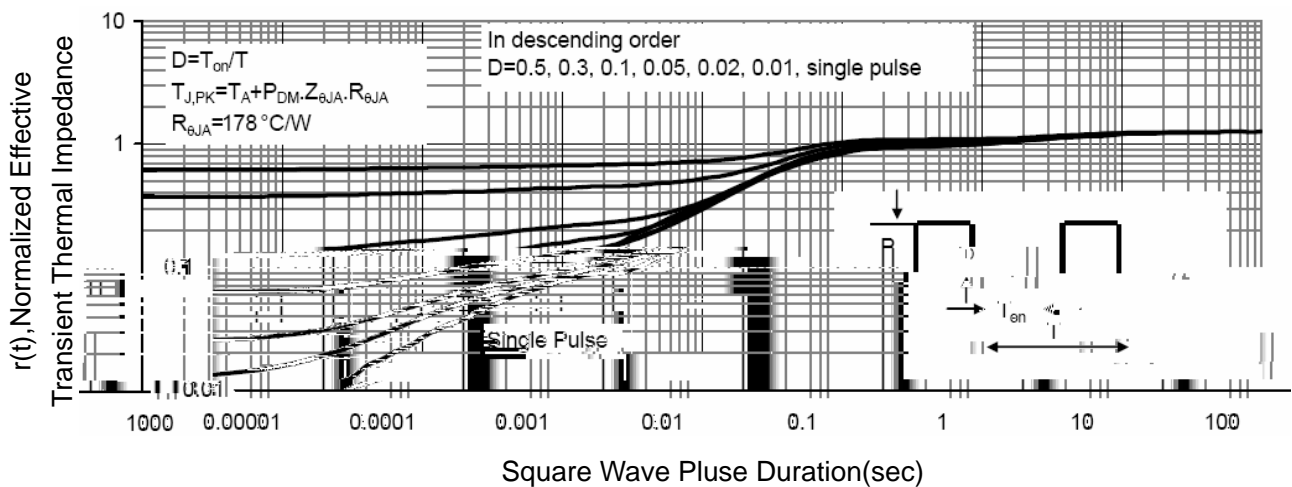
**Figure 8 Capacitance vs Vds**



**Figure 9 Gate Charge**



**Figure 10 Source- Drain Diode Forward**



**Figure 11 Normalized Maximum Transient Thermal Impedance**

