



Typical Electrical and Thermal Characteristics

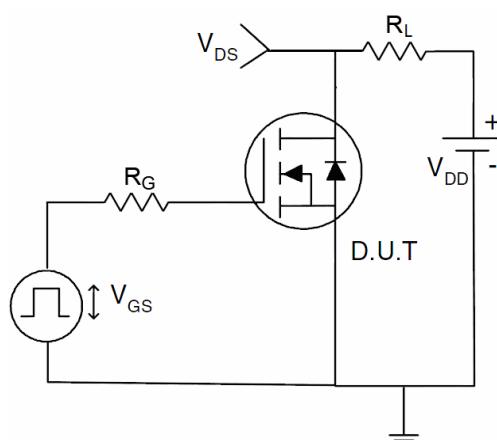


Figure 1 Switching Test Circuit

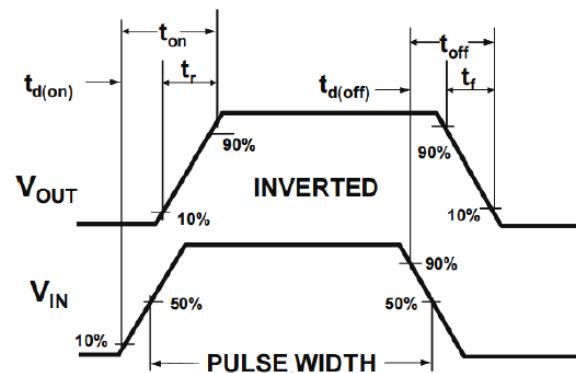
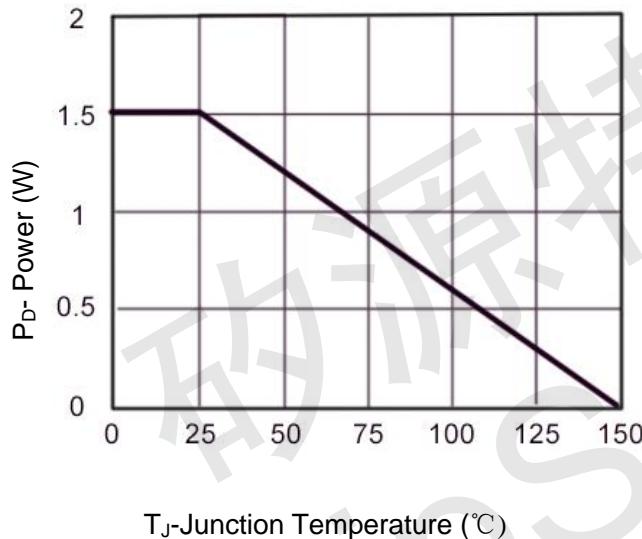
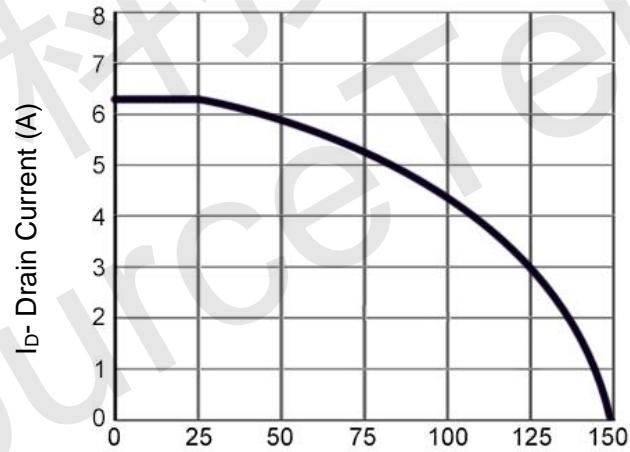


Figure 2 Switching Waveform



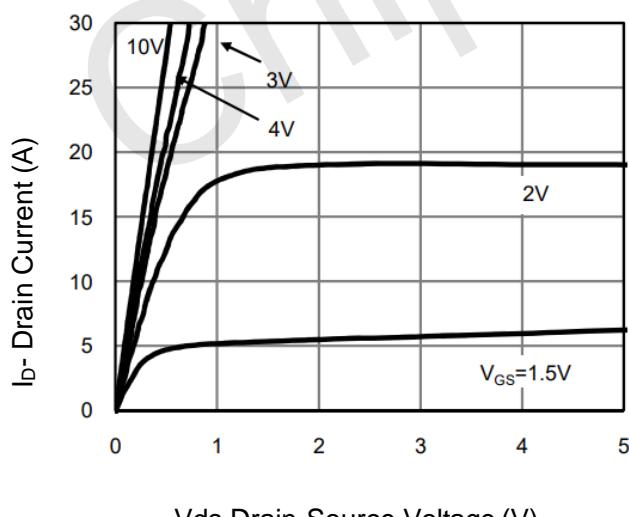
T_J-Junction Temperature (°C)

Figure 3 Power Dissipation



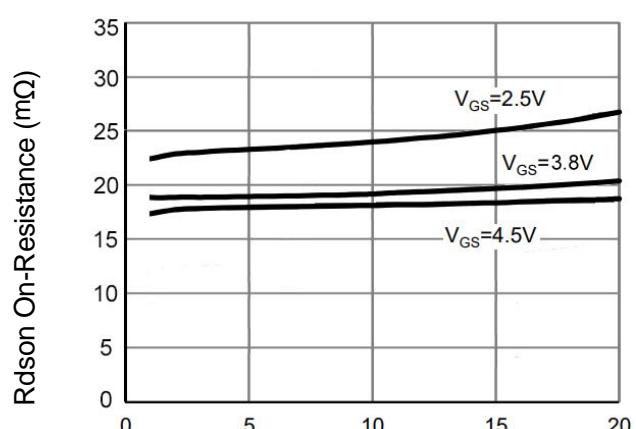
T_J-Junction Temperature (°C)

Figure 4 Drain Current



V_{ds} Drain-Source Voltage (V)

Figure 5 Output Characteristics



I_D- Drain Current (A)

Figure 6 Rdson vs Drain Current

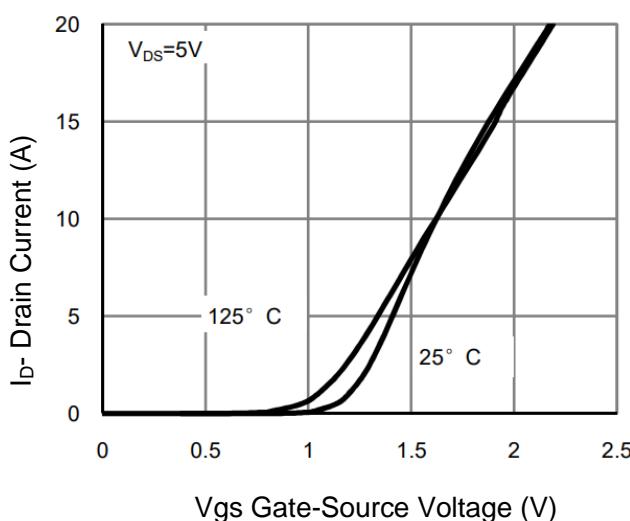


Figure 7 Transfer Characteristics

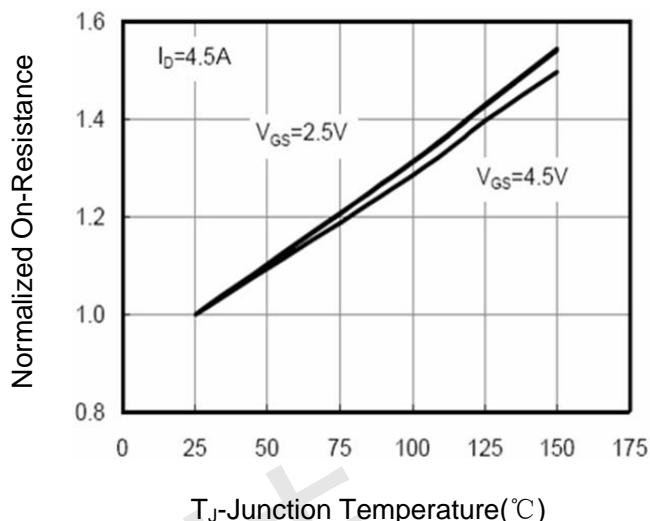


Figure 8 R_{DSON} vs Junction Temperature

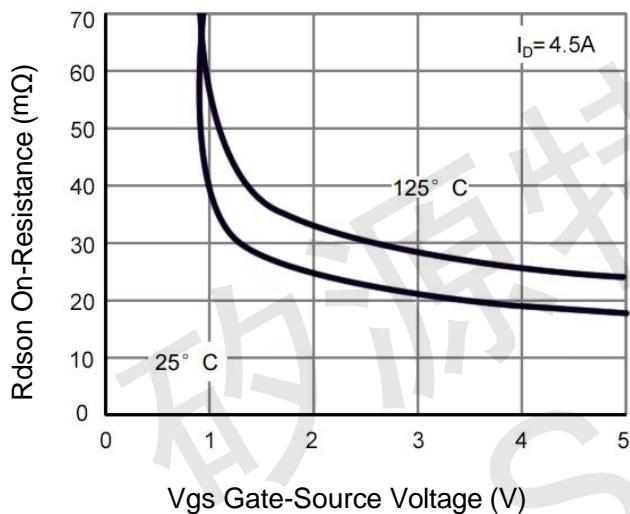


Figure 9 R_{DSON} vs V_{GS}

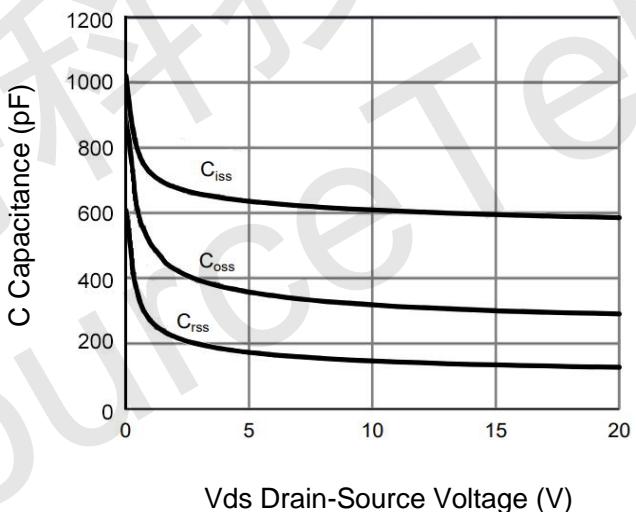


Figure 10 Capacitance vs V_{DS}

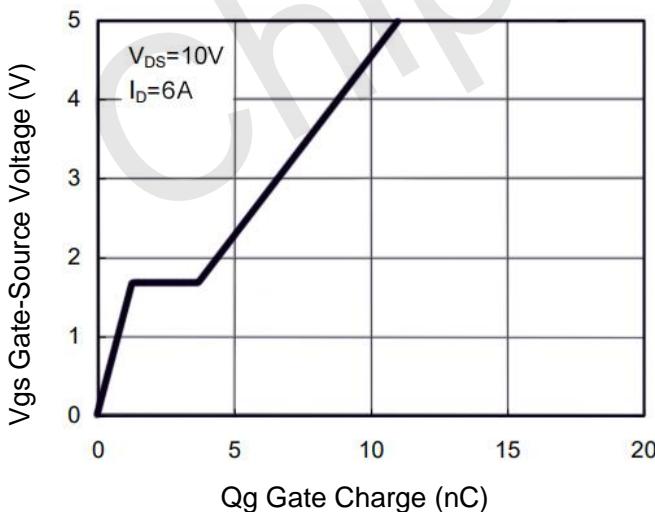


Figure 11 Gate Charge

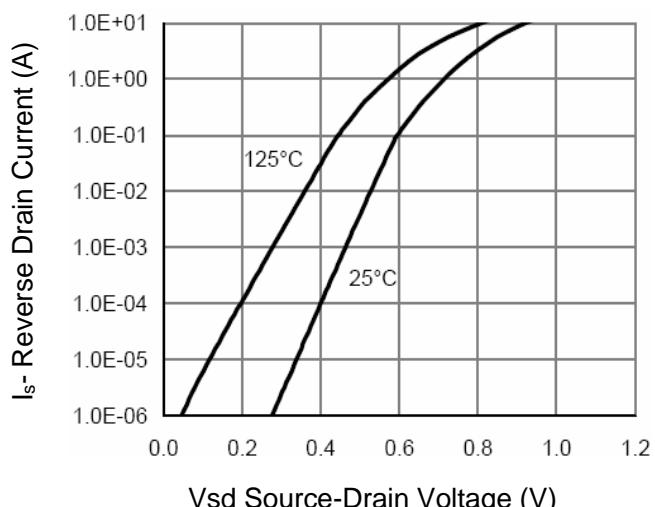
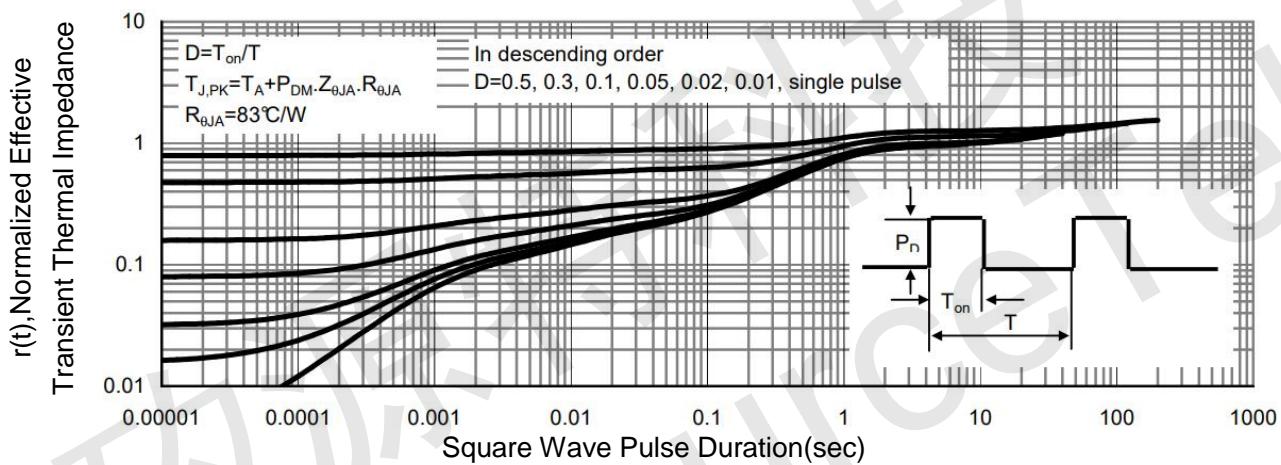
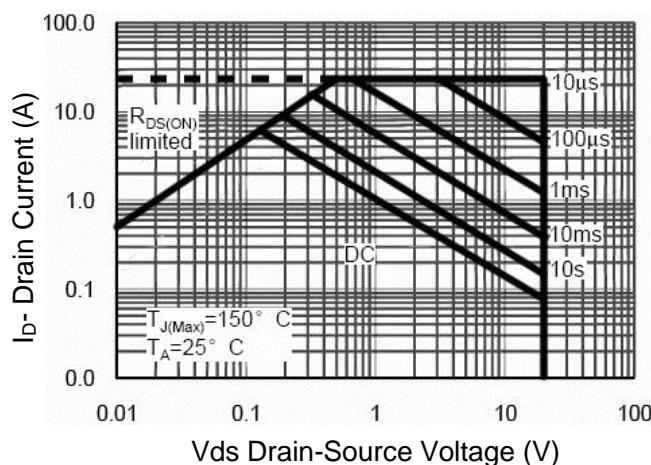
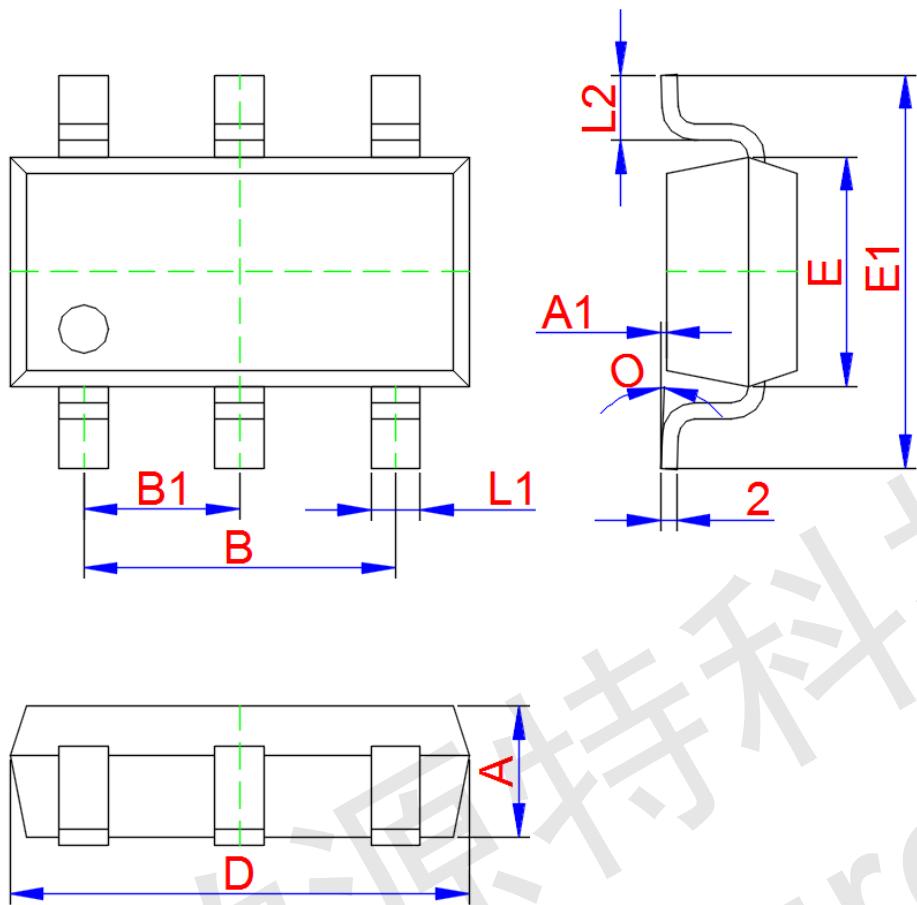


Figure 12 Source- Drain Diode Forward





SOT-23-6L Package Information



Symbol	Dimensions In Millimeters		
	Min.	Typ.	Max.
A	1.050	1.100	1.150
A1	0.000	0.050	0.100
L1	0.300	0.400	0.500
C	0.100	0.150	0.200
D	2.820	2.920	3.020
E	1.500	1.600	1.700
E1	2.650	2.800	2.950
B	1.800	1.900	2.000
B1	0.950 TYP.		
L2	0.300	0.450	0.600
O	0°	4°	8°