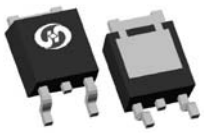
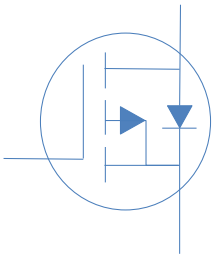
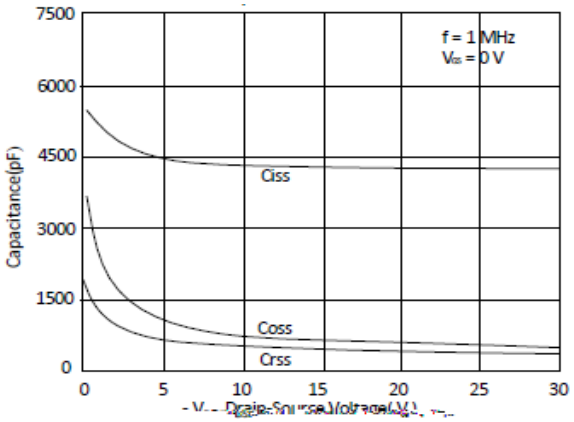
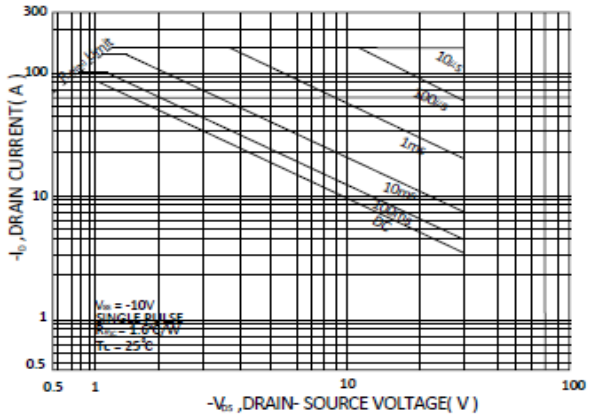
		Ω
		Ω

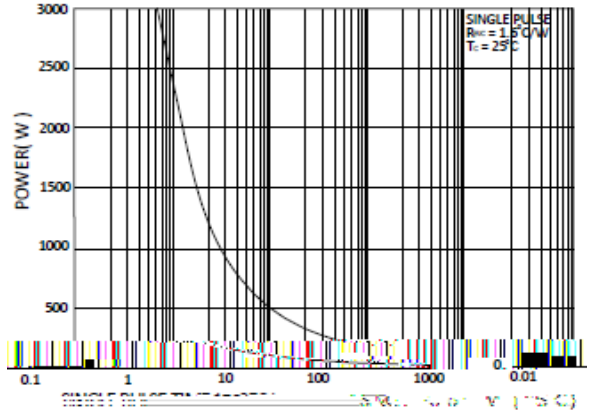


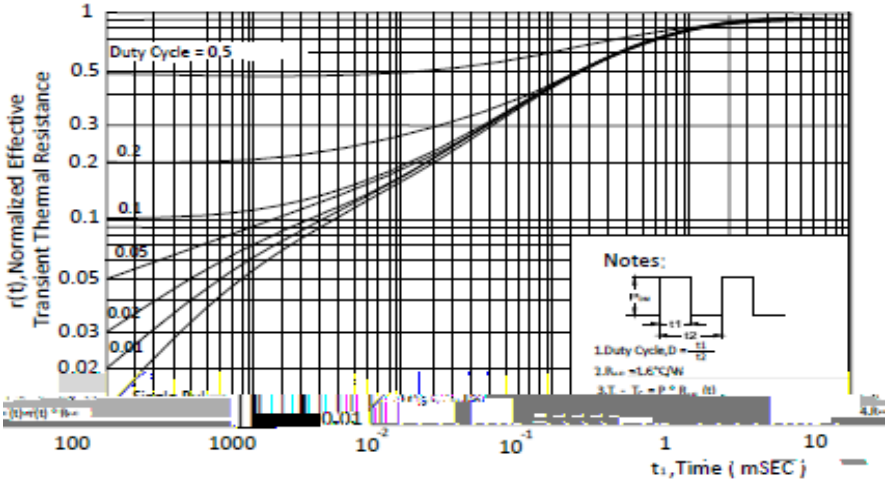


	θ		
	θ		


f = 1 MHz
Vgs = 0 V
Ciss
Coss
Crss
Capacitance(pF)
7500
6000
4500
3000
1500
0
0
5
10
15
20
25
30


-ID ,DRAIN CURRENT(A)
-Vds ,DRAIN- SOURCE VOLTAGE(V)
300
100
10
1
0.5
0.5
1
10
100
Vgs = -10V
SINGLE PULSE
RθJC = 1.6°C/W
TC = 25°C


POWER(W)
SINGLE PULSE
RθJC = 1.6°C/W
TC = 25°C
3000
2500
2000
1500
1000
500
0.1
1
10
100
1000
0.01


r(t),Normalized Effective Transient Thermal Resistance
Duty Cycle = 0.5
0.2
0.1
0.05
0.02
0.01
Notes:
1.Duty Cycle,D = t1/t2
2.RθJC =1.6°C/W
1
0.5
0.3
0.2
0.1
0.05
0.03
0.02
100
1000
10-2
10-1
1
10
t1 ,Time (mSEC)