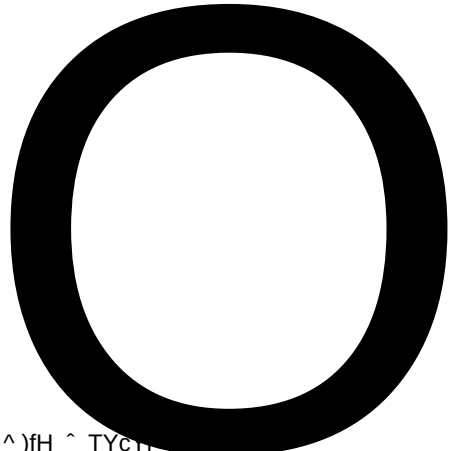

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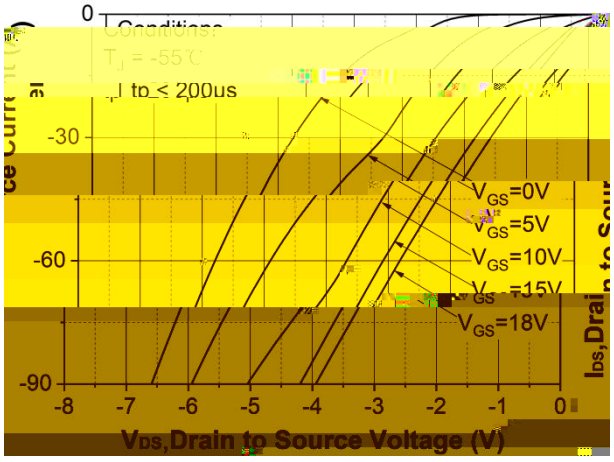
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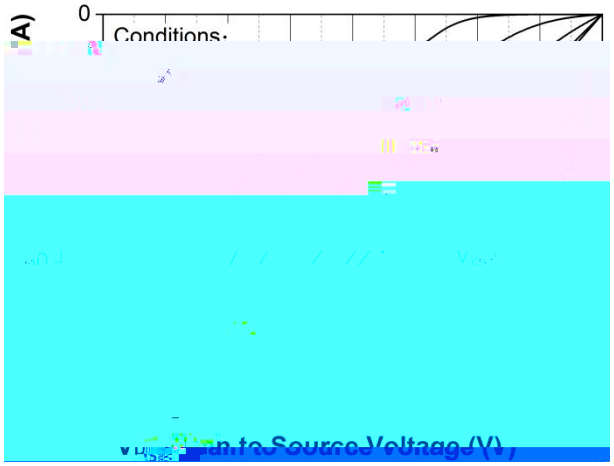


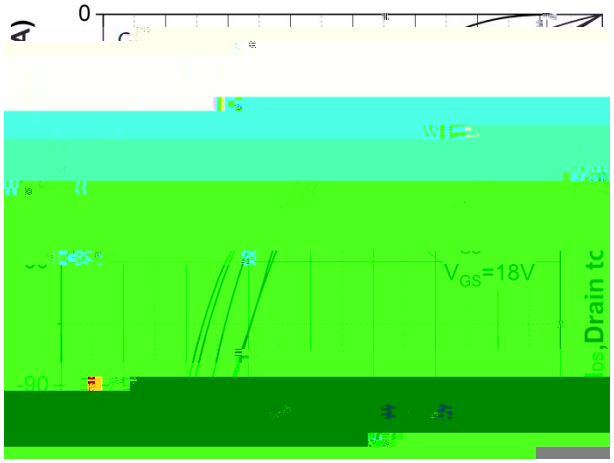


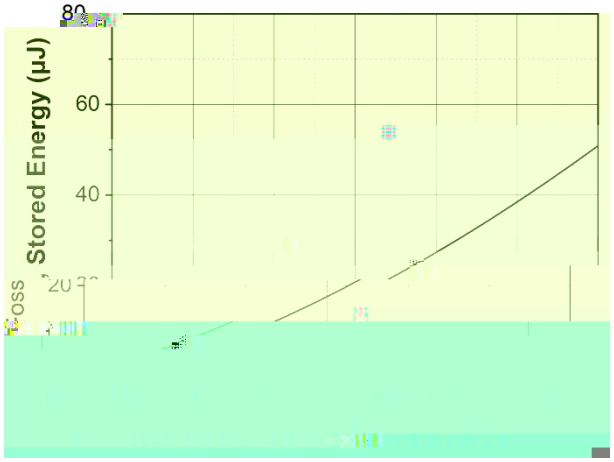


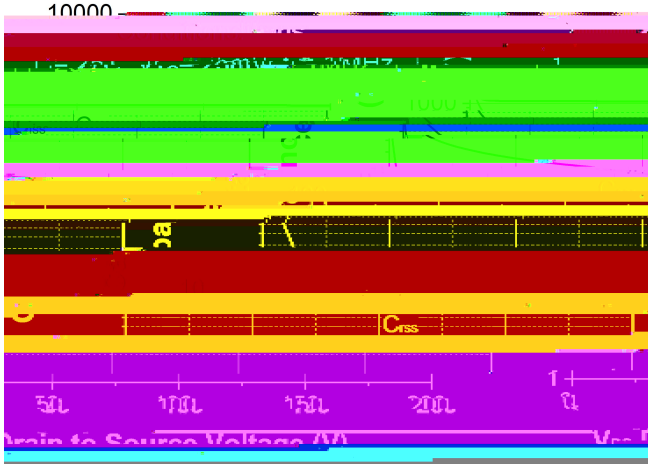
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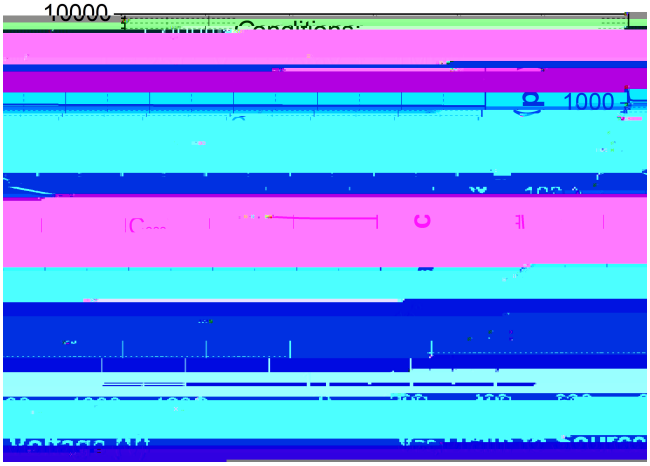

0
Conditions:
T_j = -55°C
t_p ≤ 200us
-30
-60
-90
-8
-7
-6
-5
-4
-3
-2
-1
0
V_GS=0V
V_GS=5V
V_GS=10V
V_GS=15V
V_GS=18V
I_DS,Drain to Source Current (A)
V_DS,Drain to Source Voltage (V)

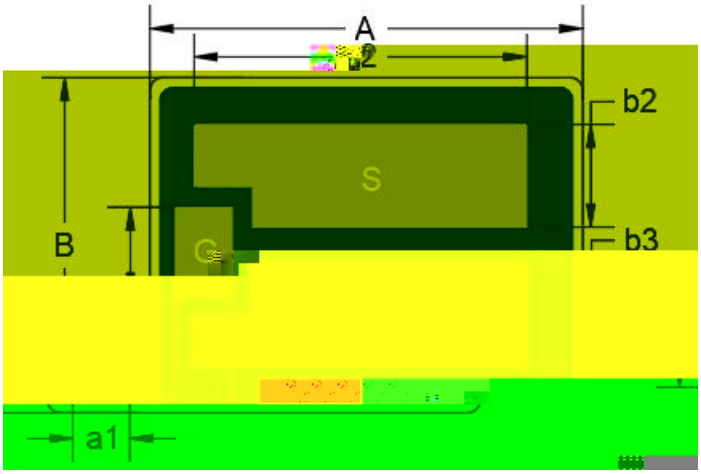

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Conditions:
I_DS,Drain to Source Current (A)
V_DS,Drain to Source Voltage (V)

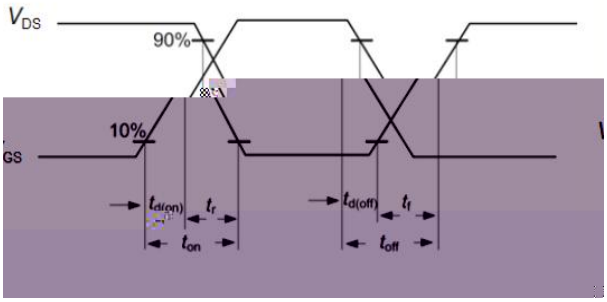

0
V_GS=18V
I_DS,Drain to Source Current (A)

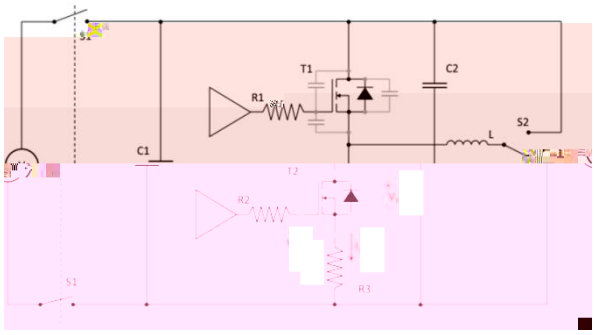

80
60
40
Stored Energy (µJ)
C_oss

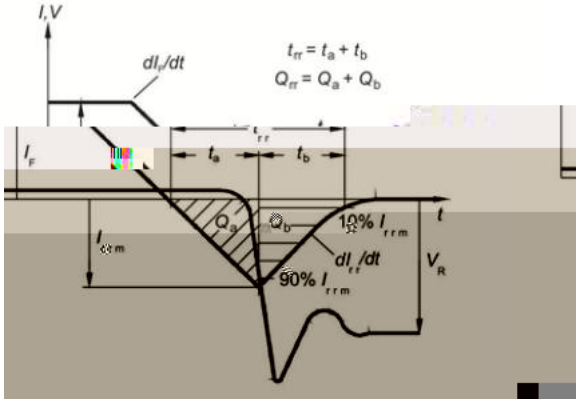

10000
C_rss
50
100
150
200
Drain to Source Voltage (V)


10000
1000
Conditions:


A
b2
S
B
b3
a1


V_{DS}
90%
10%
GS
$t_{d(on)}$
t_r
t_{on}
$t_{d(off)}$
t_f
t_{off}


S2
T1
C2
R1
S2
L
C1
T2
R2
S1
R3


I,V
dI_F/dt
$t_{rr} = t_a + t_b$
$Q_{rr} = Q_a + Q_b$
I_F
t_a
t_b
Q_a
Q_b
10% I_{rrm}
I_{rrm}
dI_{rr}/dt
90% I_{rrm}
V_R
t

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		——	——
			——

AWEQ