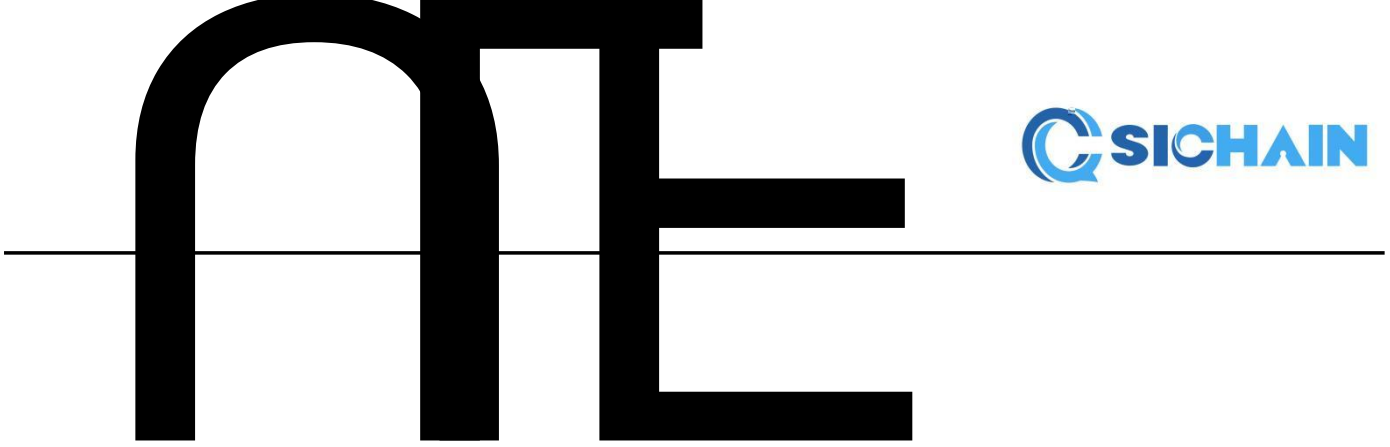
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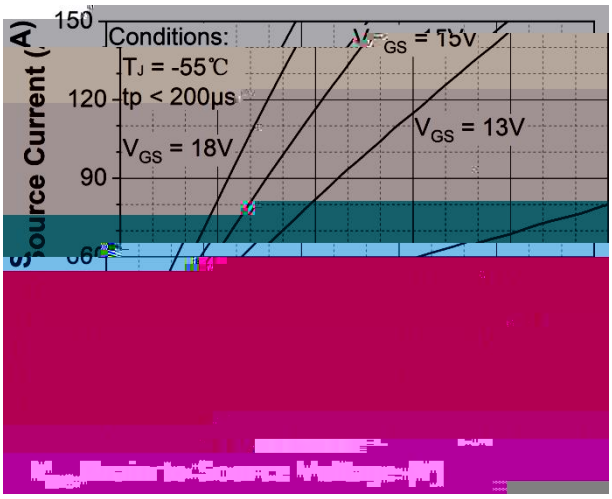
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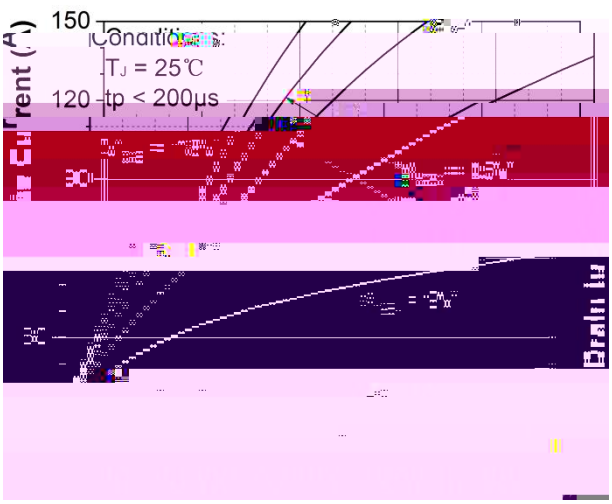
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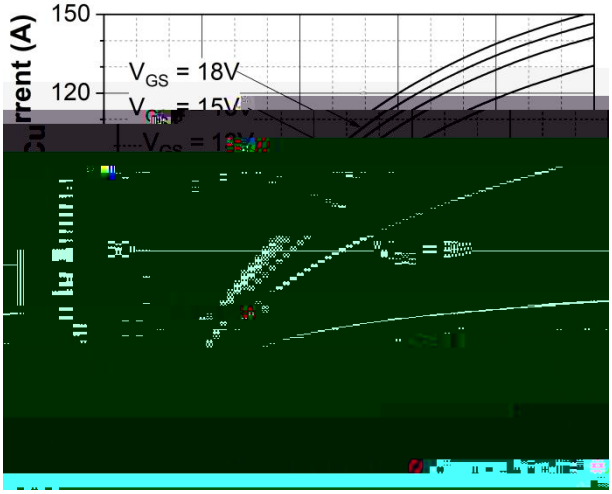


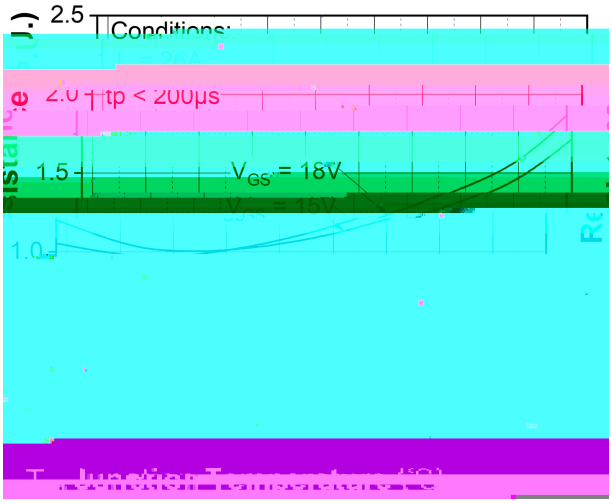
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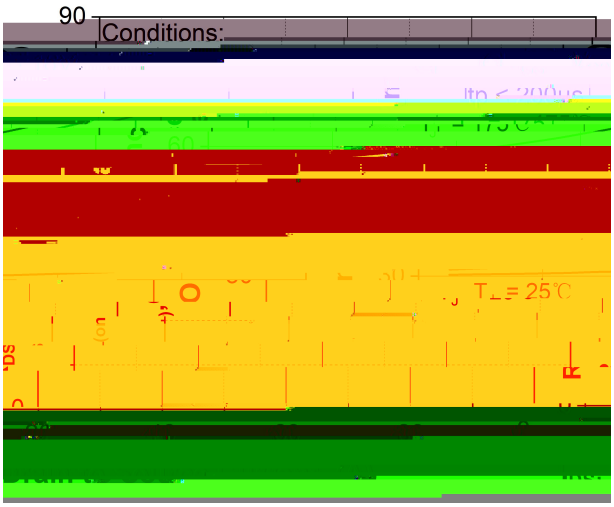
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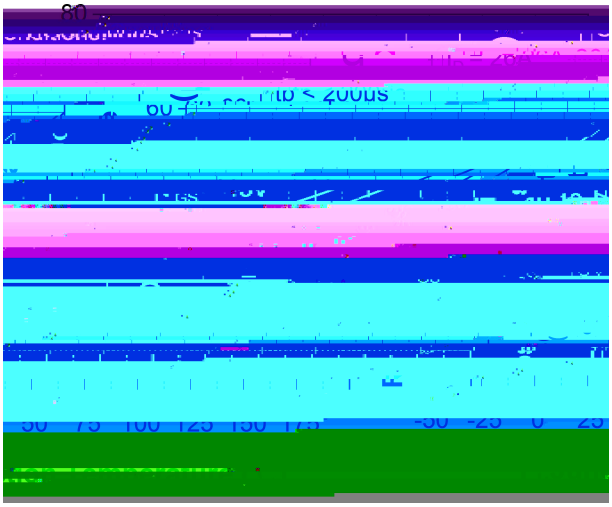

150
120
90
Conditions:
TJ = -55℃
tp < 200μs
VGS = 18V
VGS = 13V

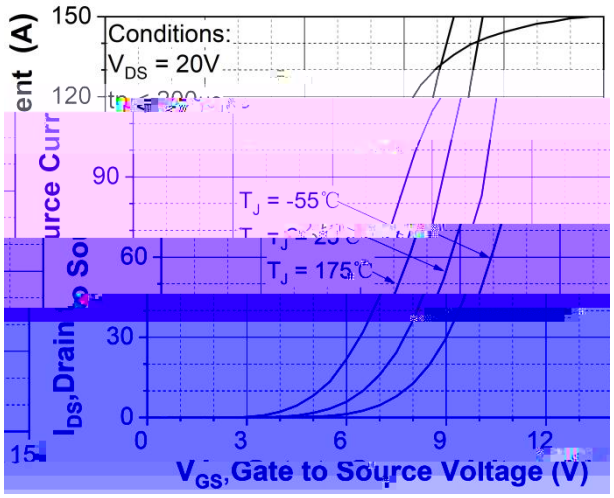

150
120
Conditions:
TJ = 25℃
tp < 200μs

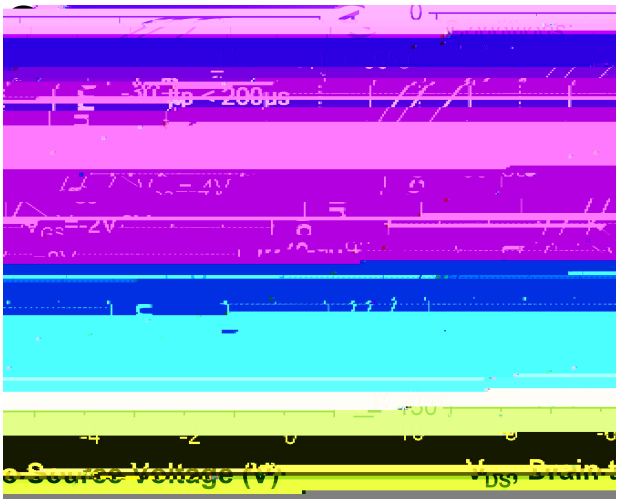

150
120
VGS = 18V
VGS = 15V

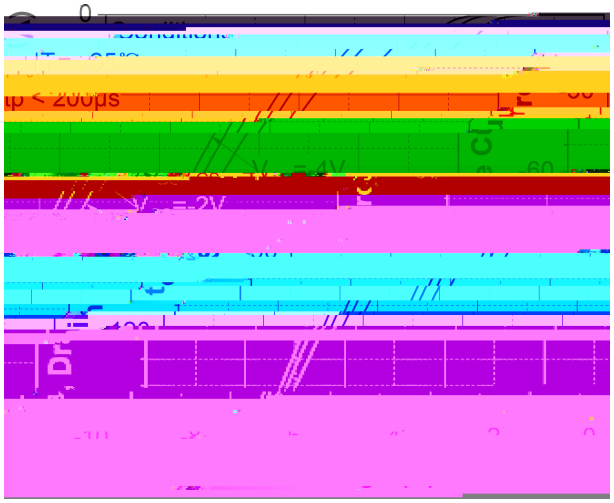

2.5
Conditions:
tp < 200μs
1.5
VGS = 18V
1.0

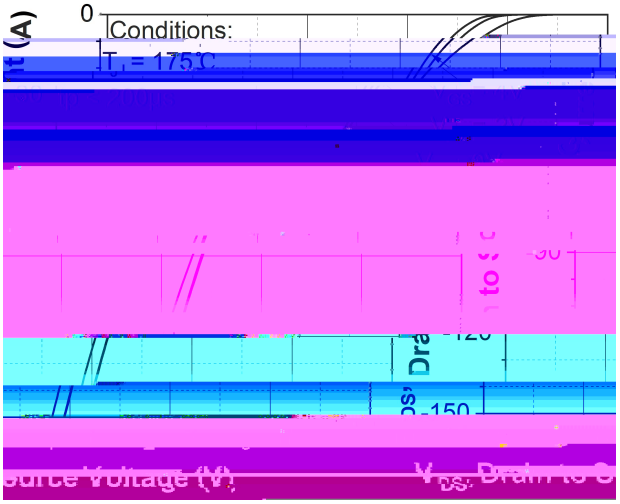

90
Conditions:

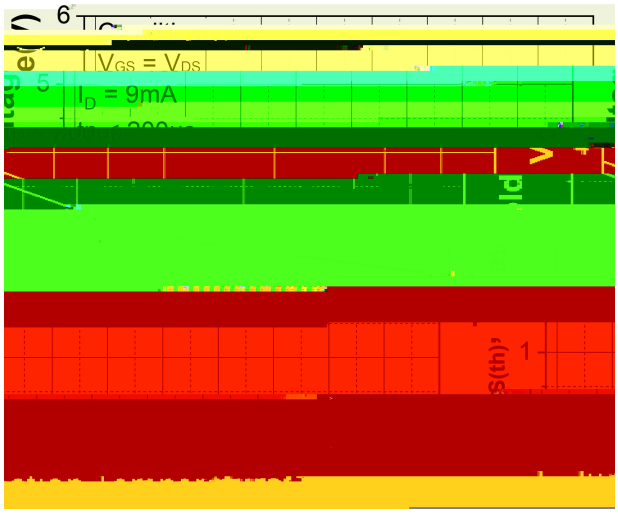

80

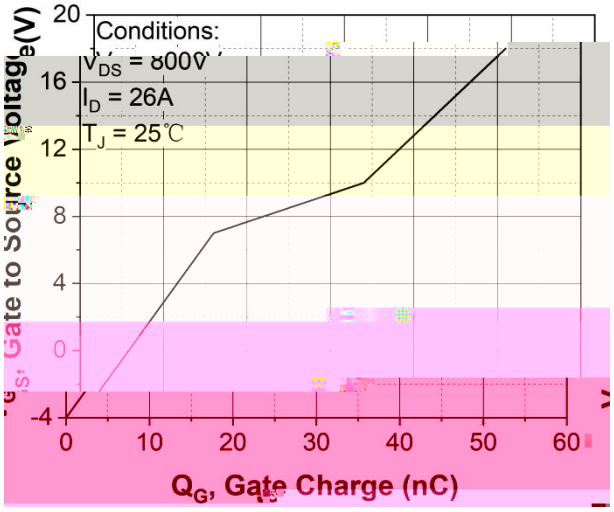

Conditions:
V_{DS} = 20V
T_J = -55℃
T_J = 175℃
I_{DS},Drain to Source Current (A)
V_{GS},Gate to Source Voltage (V)

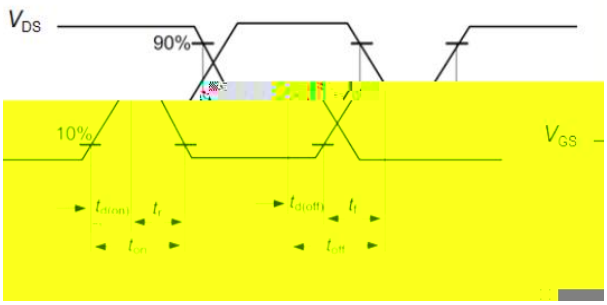


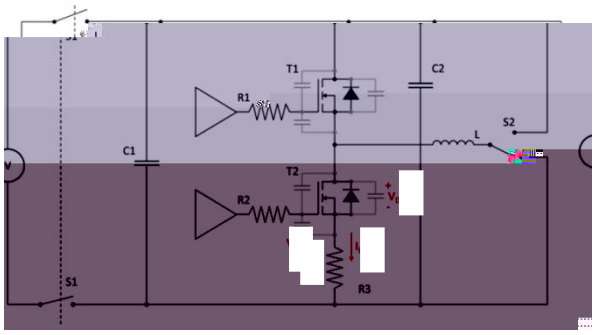


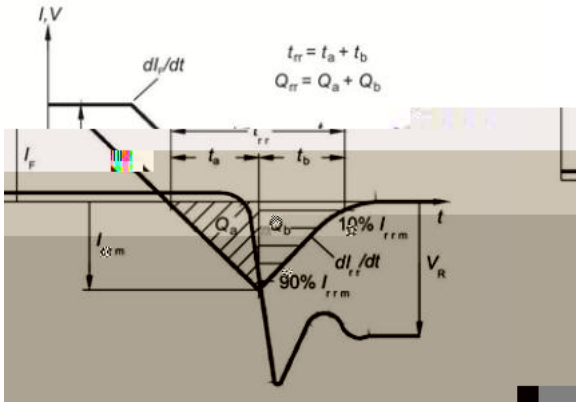

Conditions:
T_J = 175℃


V_{GS} = V_{DS}
I_D = 9mA


Conditions:
V_{DS} = 800V
I_D = 26A
T_J = 25℃
V_{GS}, Gate to Source Voltage (V)
Q_G, Gate Charge (nC)


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


T1
C2
R1
S2
L
C1
T2
R2
R3
S1


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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