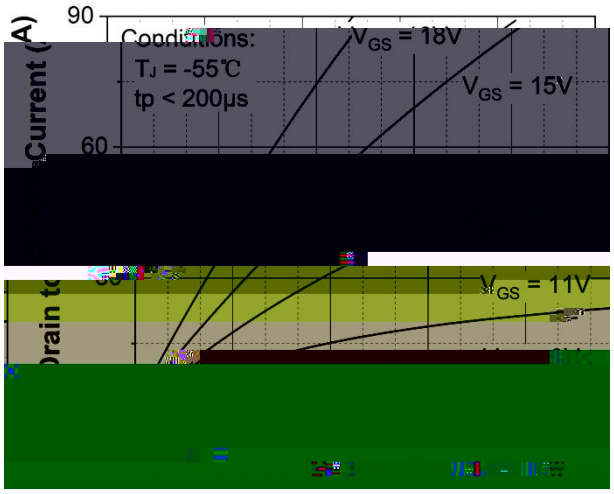
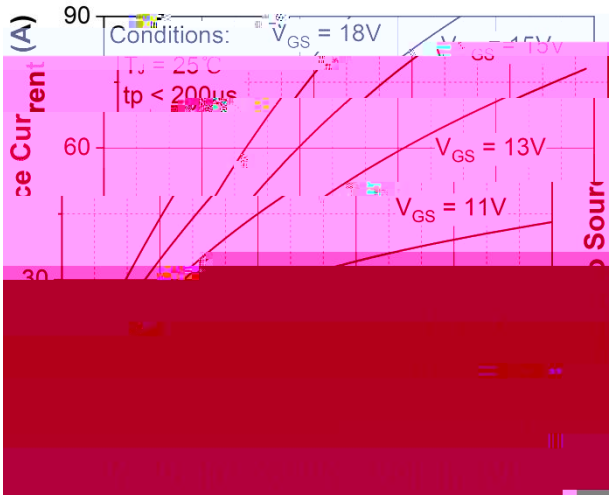
SICHAIN

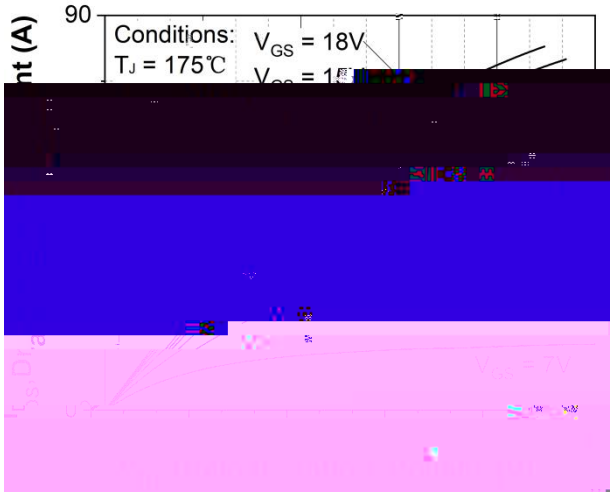


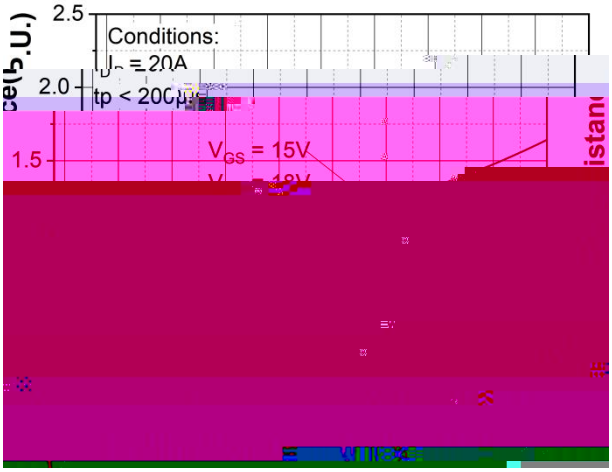
≤

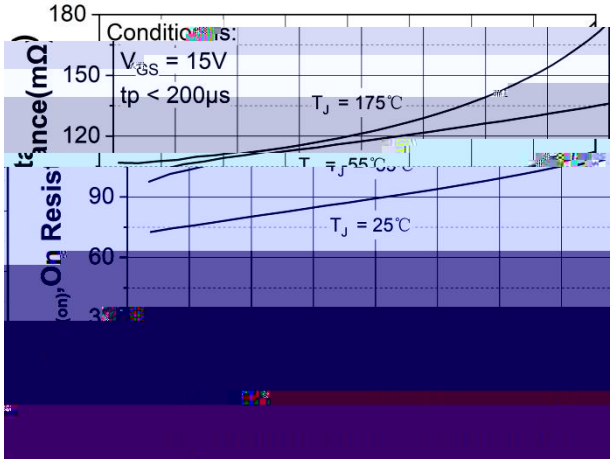
EX

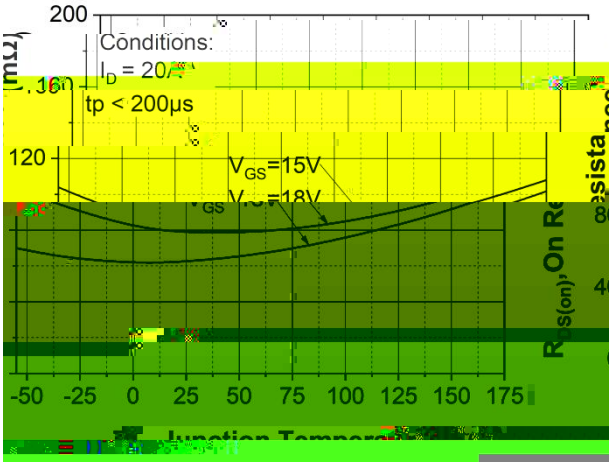

90
60
Conditions:
T_J = -55℃
tp < 200μs
V_{GS} = 18V
V_{GS} = 15V
V_{GS} = 11V


90
60
Conditions:
V_{GS} = 18V
tp < 200μs
V_{GS} = 13V
V_{GS} = 11V

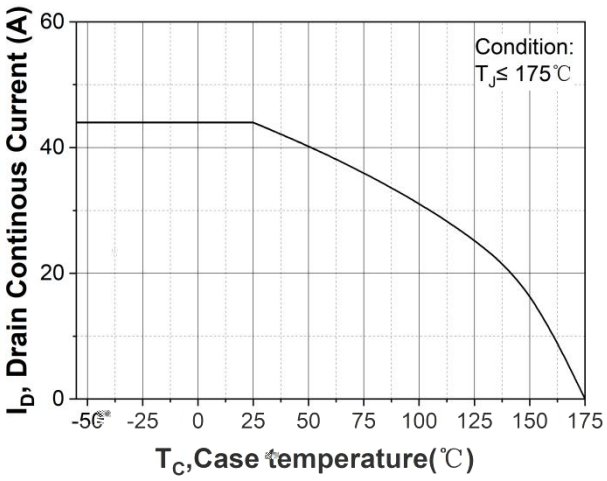

90
Conditions:
T_J = 175℃
V_{GS} = 18V

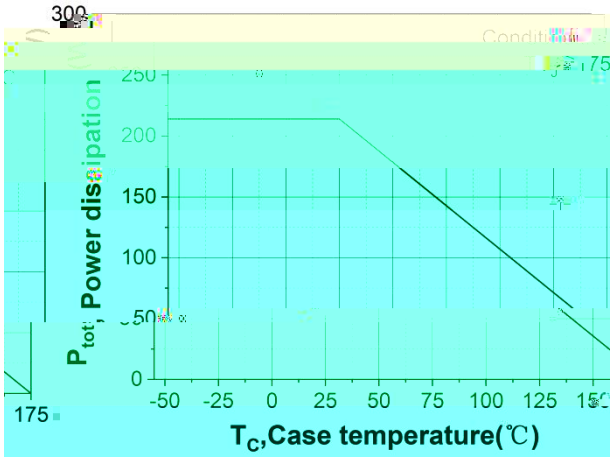

2.5
2.0
1.5
Conditions:
tp < 200μs
V_{GS} = 15V

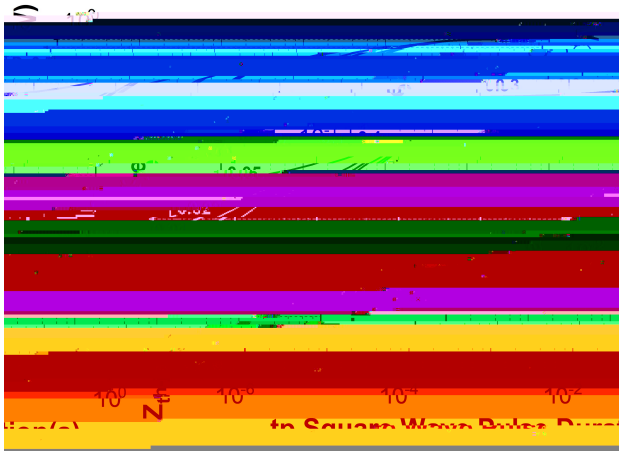

180
150
120
90
60
Conditions:
V_{GS} = 15V
tp < 200μs
T_J = 175℃
T_J = 25℃

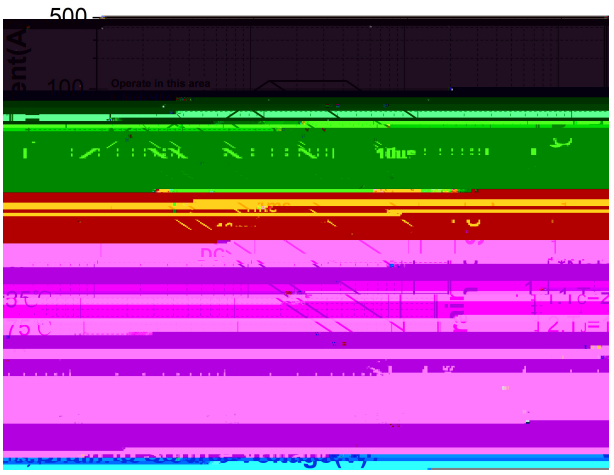

200
120
Conditions:
tp < 200μs
V_{GS}=15V
-50 -25 0 25 50 75 100 125 150 175

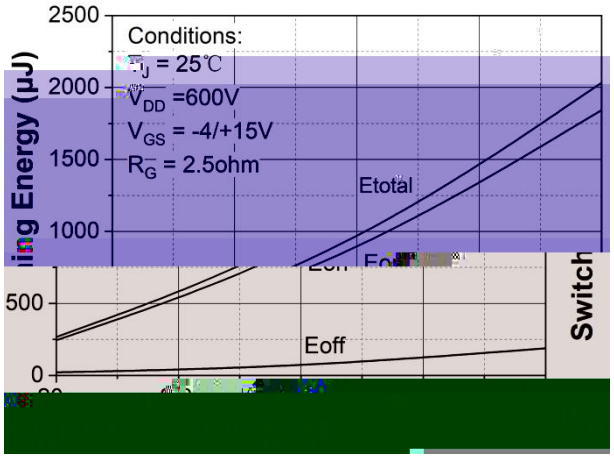
VñA€ñ0 U1y i

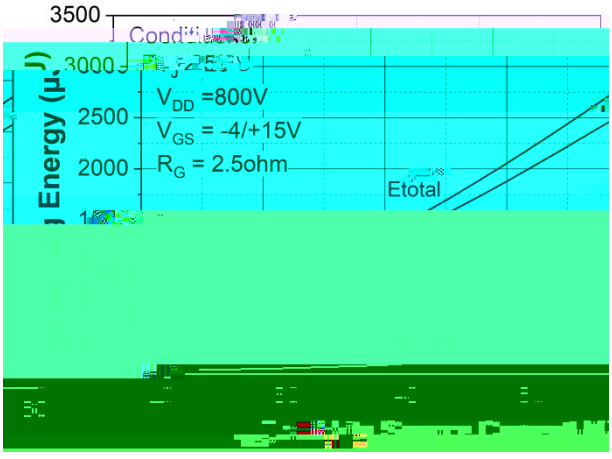

Condition:
$T_J \leq 175℃$
I_D, Drain Continous Current (A)
T_C,Case temperature(℃)

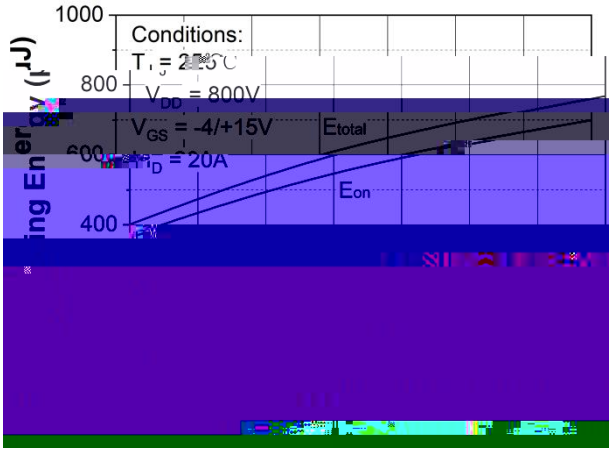

P_{tot}, Power dissipation
T_C,Case temperature(℃)

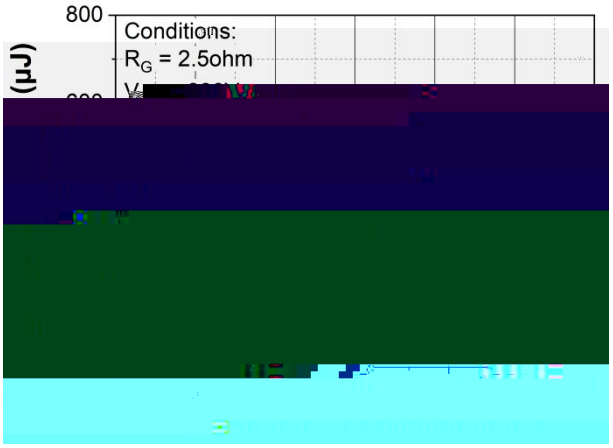


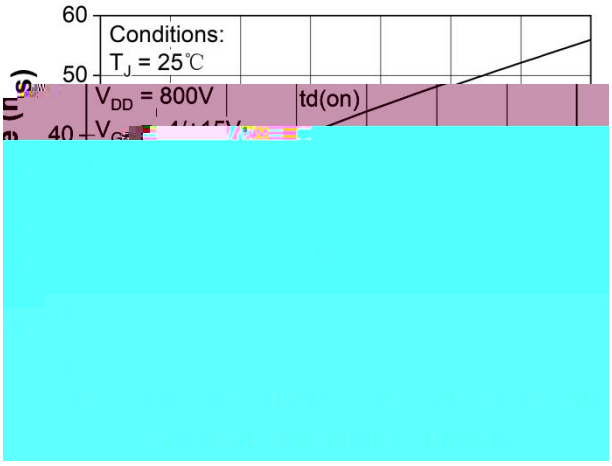



Conditions:
T_J = 25℃
V_{DD} =600V
V_{GS} = -4/+15V
R_G = 2.5ohm
Etotal
Eoff
Switching Energy (μJ)


V_{DD} =800V
V_{GS} = -4/+15V
R_G = 2.5ohm
Etotal


1000
800
600
400
Conditions:
T_J = 25℃
V_{DD} = 800V
V_{GS} = -4/+15V
I_D = 20A
Etotal
Eon


800
(μJ)
Conditions:
R_G = 2.5ohm


60
50
40
Conditions:
T_J = 25℃
V_{DD} = 800V
td(on)

		——	——
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