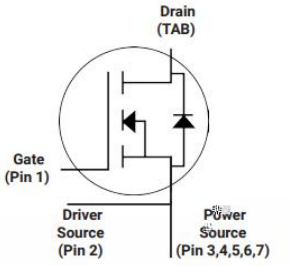
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Drain
(TAB)
Gate
(Pin 1)
Driver
Source
(Pin 2)
Power
Source
(Pin 3,4,5,6,7)

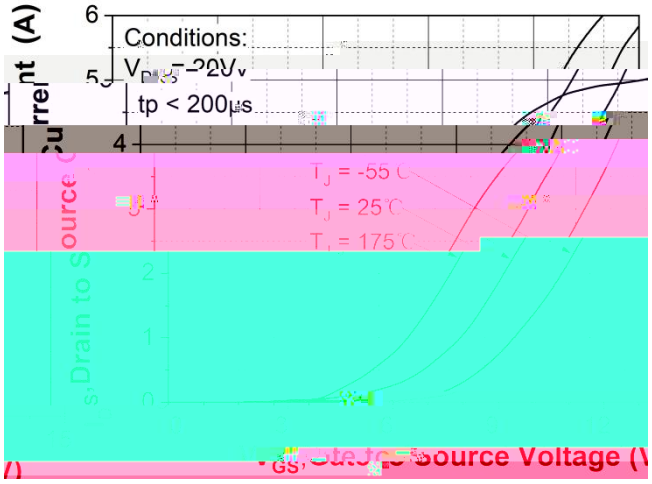
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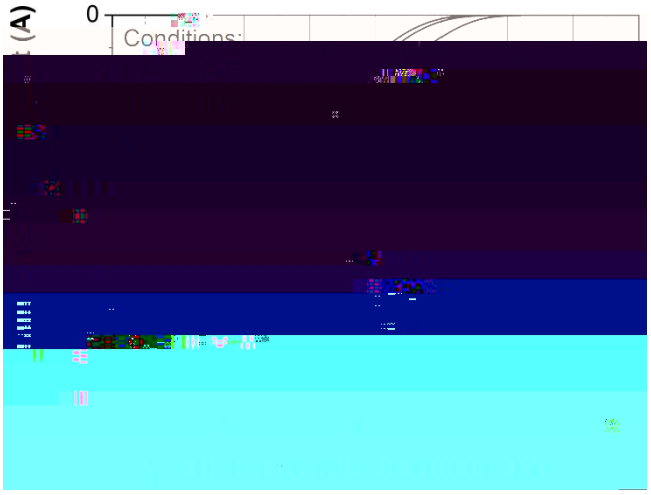

F
Cl
Halogen-Free
Br
I

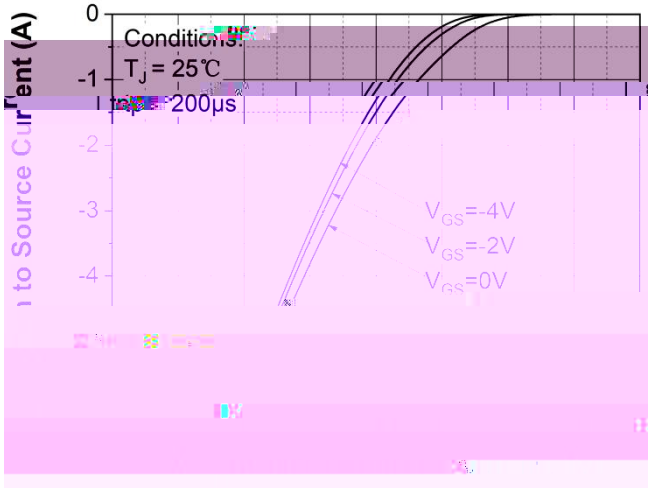

RoHS

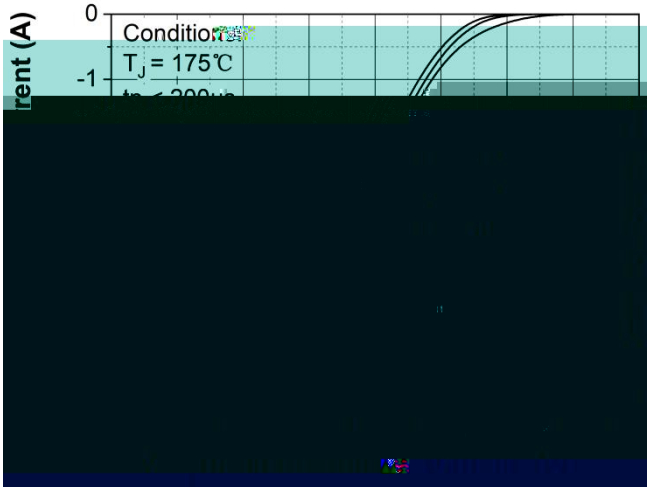
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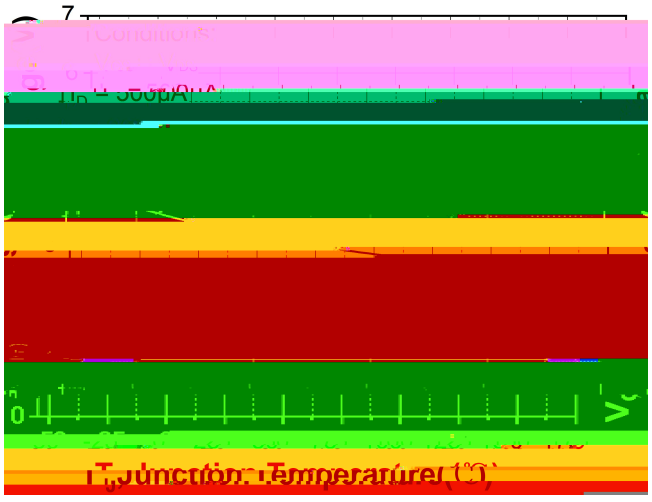
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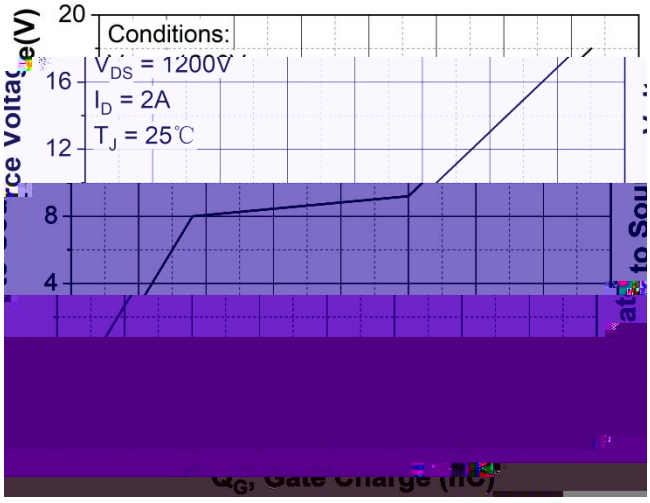

Conditions:
tp < 200μs
T_J = -55℃
T_J = 25℃
T_J = 175℃
Drain to Source Current (A)
V_{GS}, Gate to Source Voltage (V)

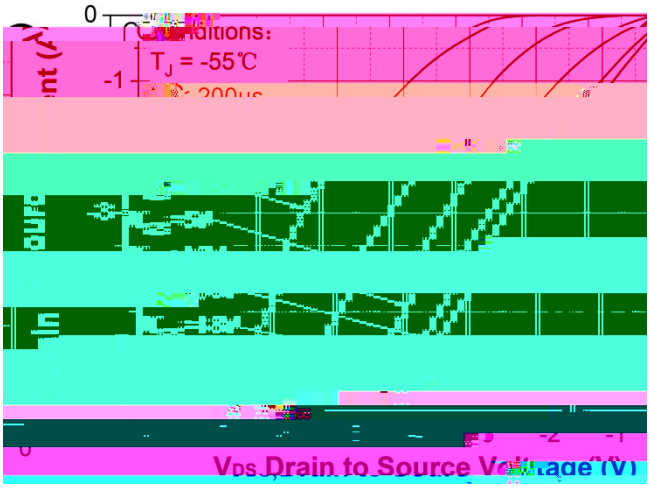

Conditions:

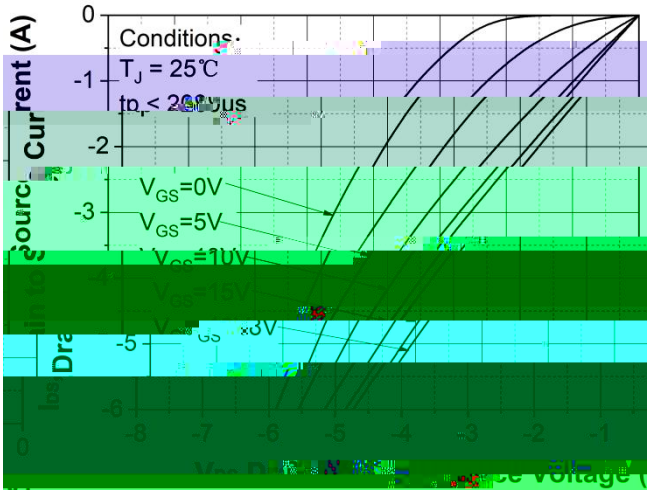

Conditions:
T_J = 25℃
tp = 200μs
V_{GS}=-4V
V_{GS}=-2V
V_{GS}=0V
Drain to Source Current (A)

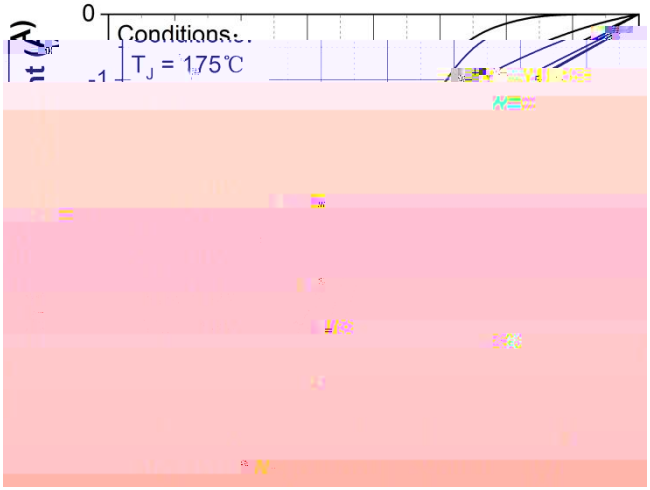

Conditions:
T_J = 175℃
Drain to Source Current (A)

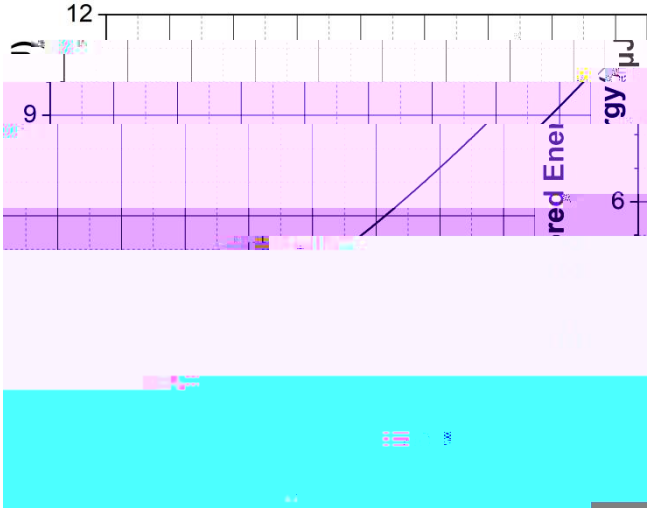

T_J, Junction Temperature (℃)

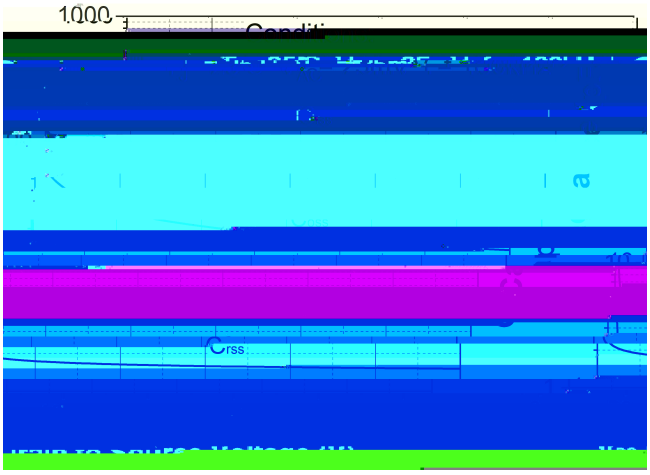

Conditions:
V_{DS} = 1200V
I_D = 2A
T_J = 25℃
Q_G, Gate Charge (nC)

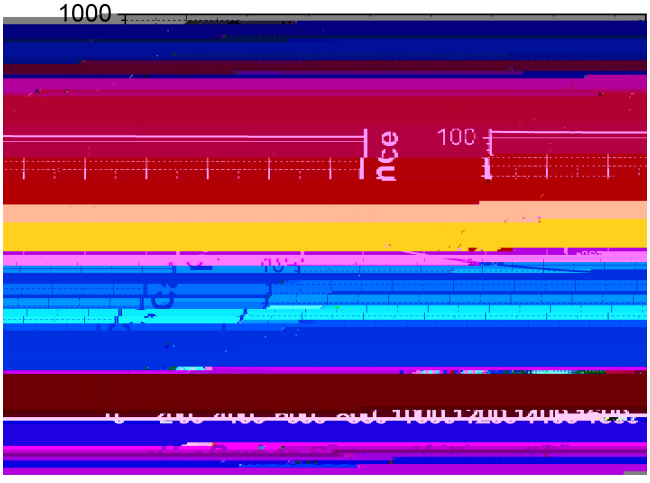

0
-1
Conditions:
T_J = -55℃
-3
-5
-2
-1
V_{DS} Drain to Source Voltage (V)

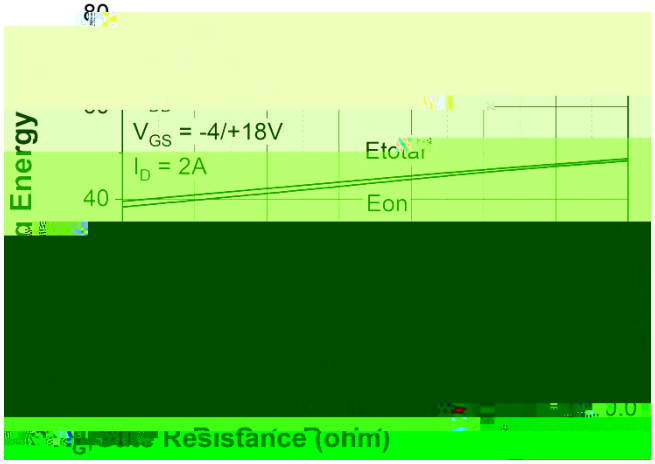

0
-1
-2
-3
-5
Conditions:
T_J = 25℃
V_{GS}=0V
V_{GS}=5V
-8
-7
-6
-5
-4
-3
-2
-1

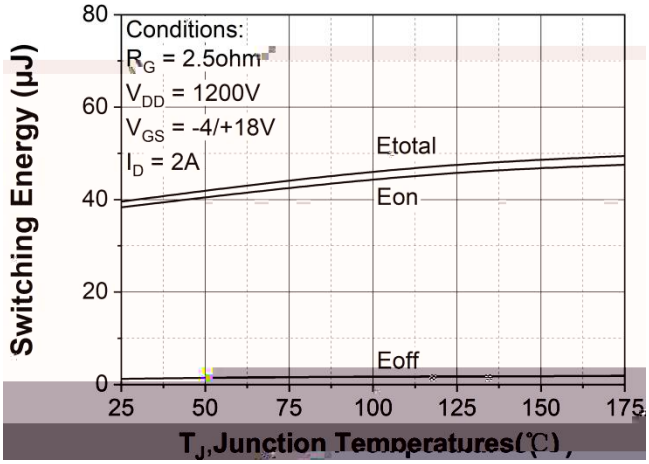

0
-1
Conditions:
T_J = 175℃

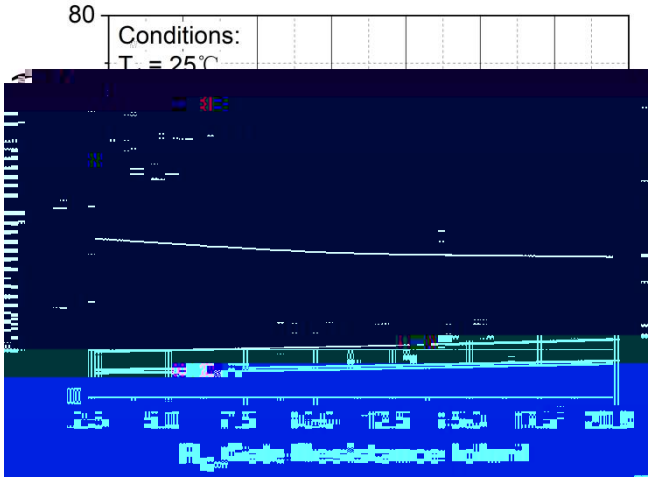

12
9
6

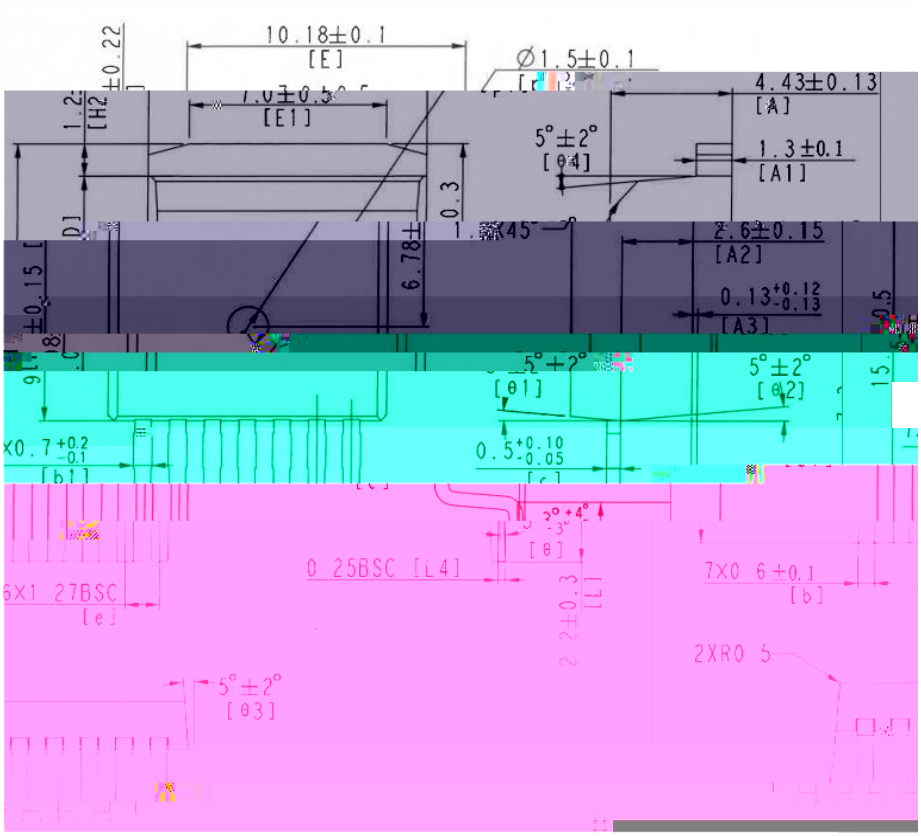

1000
C_{rss}

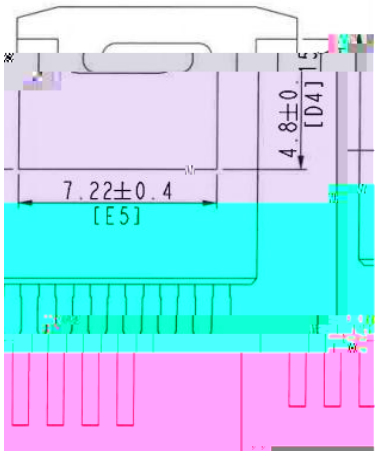

1000
100


Energy
V_{GS} = -4/+18V
I_D = 2A
Etotal
Eon
40
Resistance (ohm)


Switching Energy (μJ)
Conditions:
R_G = 2.5ohm
V_{DD} = 1200V
V_{GS} = -4/+18V
I_D = 2A
Etotal
Eon
Eoff
80
60
40
20
0
25
50
75
100
125
150
175
T_J,Junction Temperatures(℃)


80
Conditions:





Sylbol	Demensions In Millimeters		
	Min.	Nom.	Max.
A	4.30	4.43	4.56
A1	1.26	1.30	1.40
A2	2.45		

		——	——
		——	——
		——	——
			——