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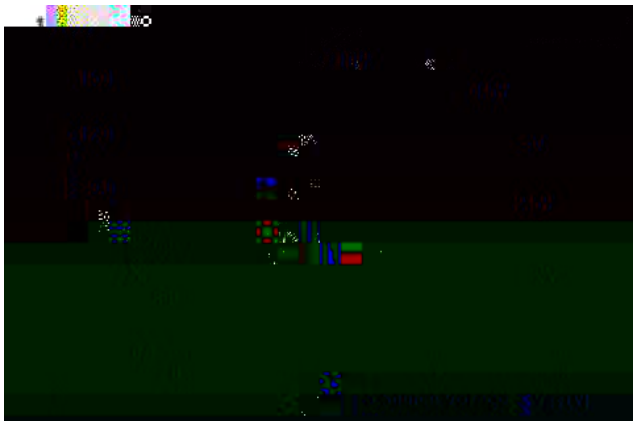
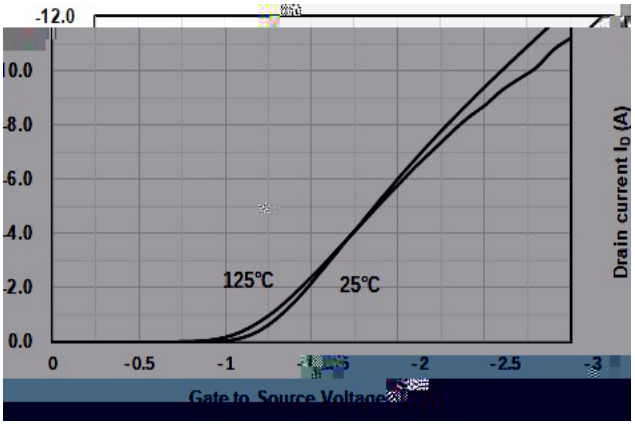
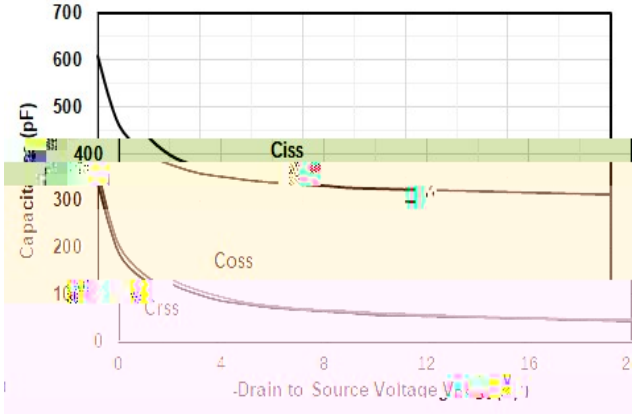
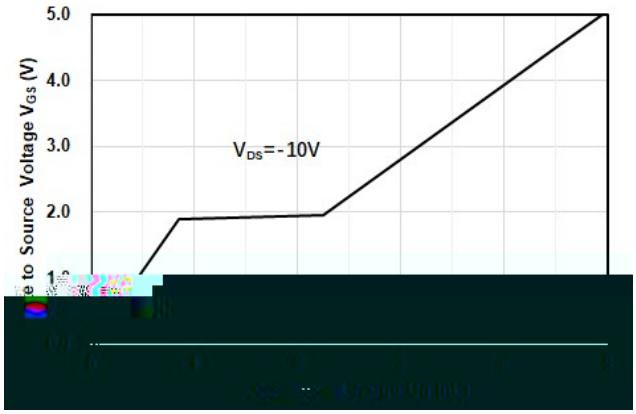
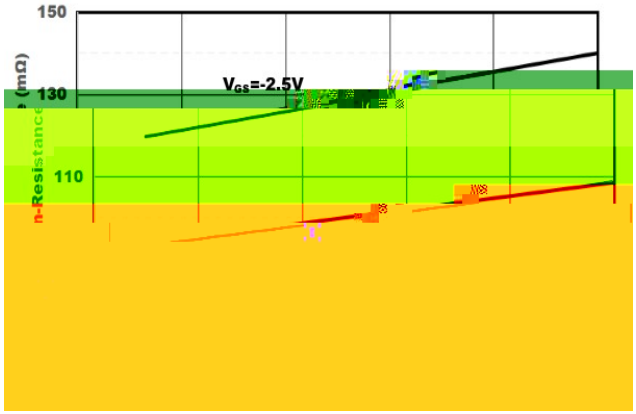
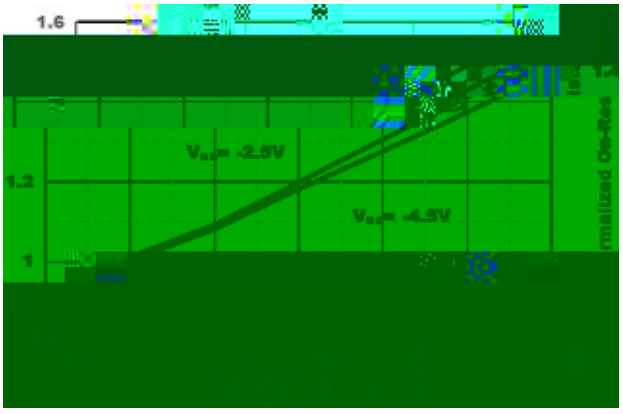


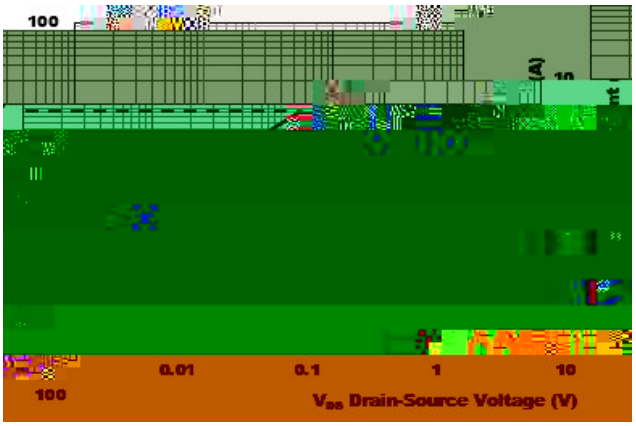

-12.0
10.0
8.0
6.0
4.0
2.0
0.0
125℃
25℃
0
-0.5
-1
-2
-2.5
-3
Drain current $I_D$ (A)
Gate to Source Voltage

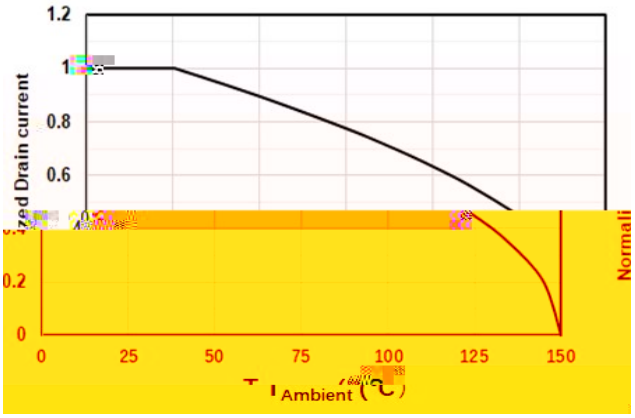

700
600
500
400
300
200
100
0
Ciss
Coss
Crss
0
4
8
12
16
2
-Drain to Source Voltage

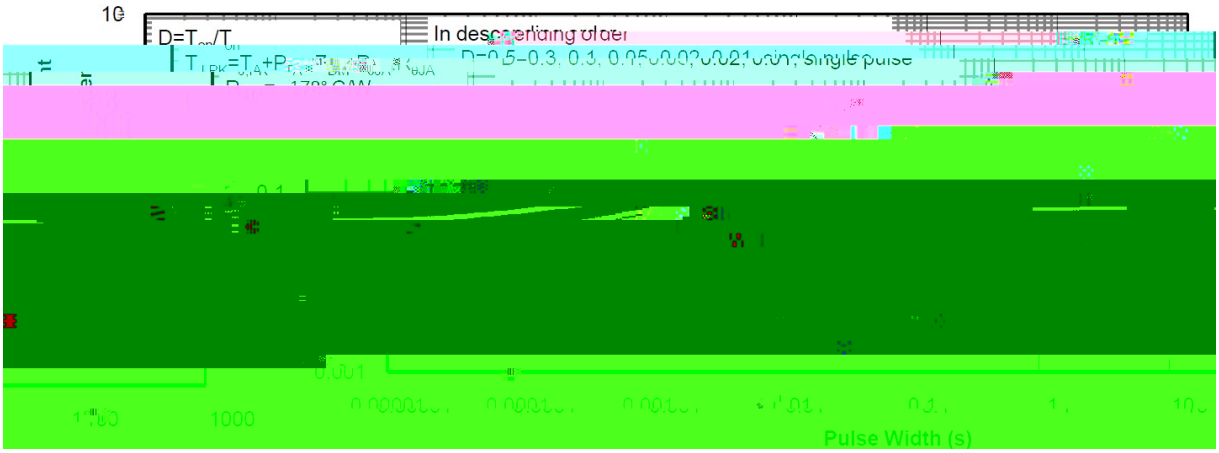

5.0
4.0
3.0
2.0
$V_{DS}$=-10V
Source Voltage $V_{GS}$ (V)


150
130
110
$V_{GS}$=-2.5V
n-Resistance (mΩ)


1.6
1.2
1
$V_{GS}$= -2.5V
$V_{GS}$= -4.5V


100
0.01
0.1
1
10
100
$V_{DS}$ Drain-Source Voltage (V)


1.2
1
0.8
0.6
0.2
0
0
25
50
75
100
125
150
Ambient (°C)


D=T_on/T
In descending order
D=0.5, 0.3, 0.1, 0.05, 0.02, 0.01, single pulse
0.001
1000
Pulse Width (s)