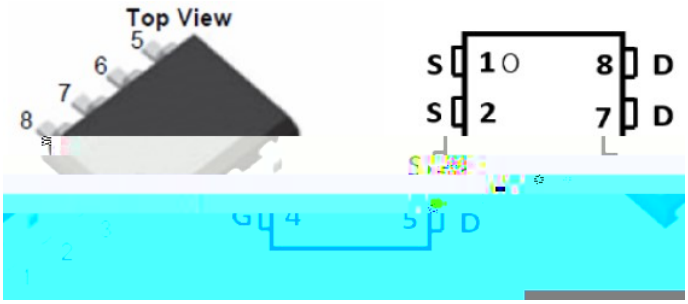
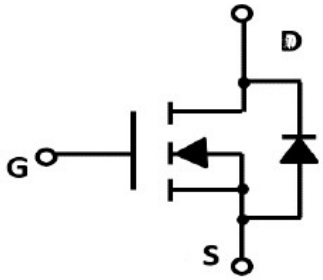
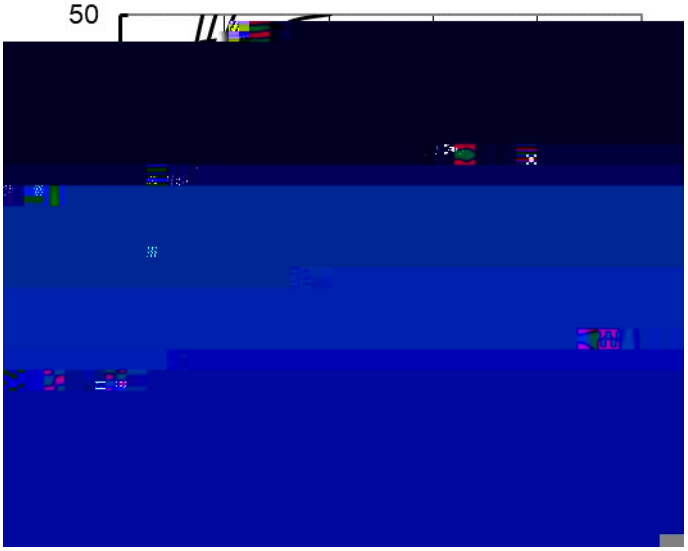

Top View
5
6
7
8
S
1
S
2
8
D
7
D
G
4
5
D


D
G
S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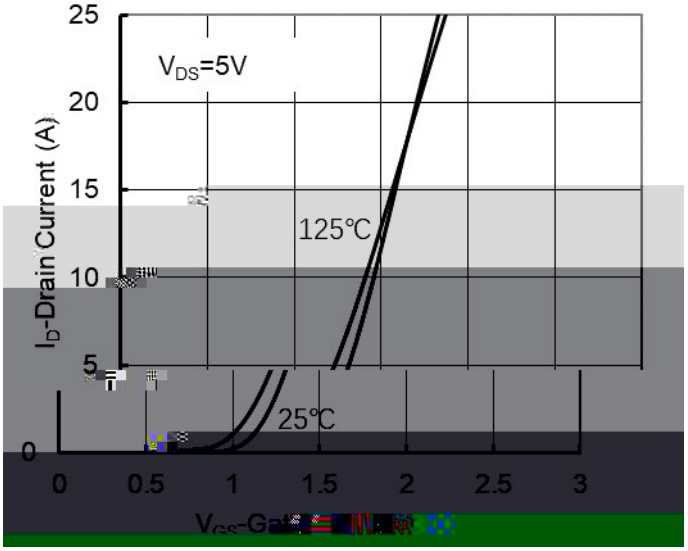
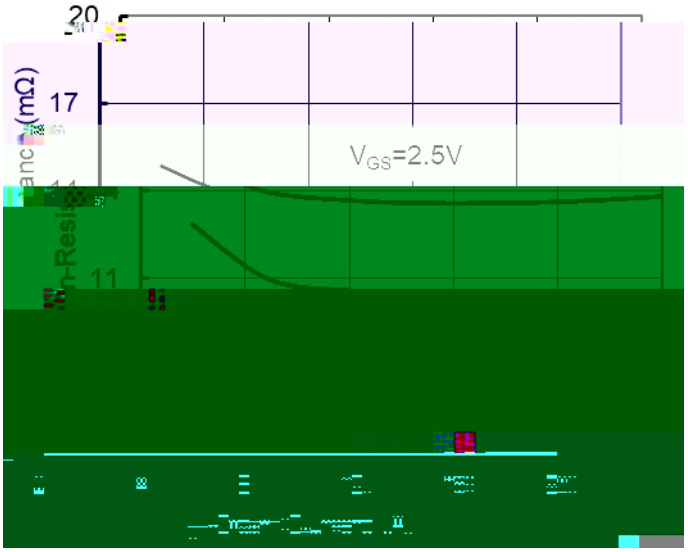
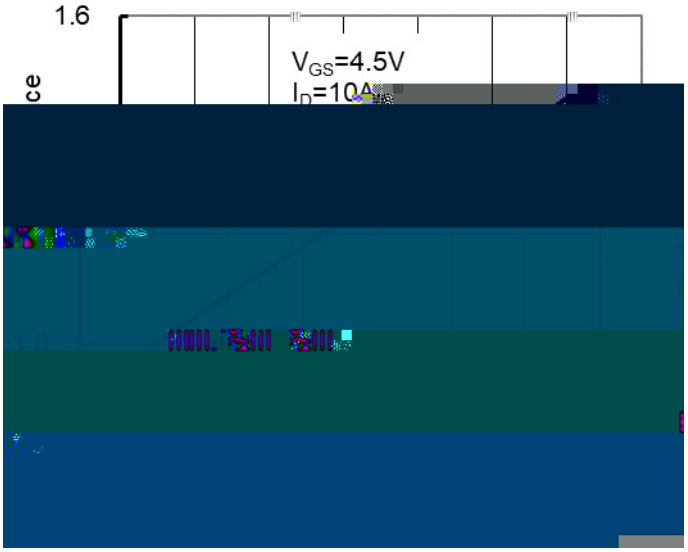
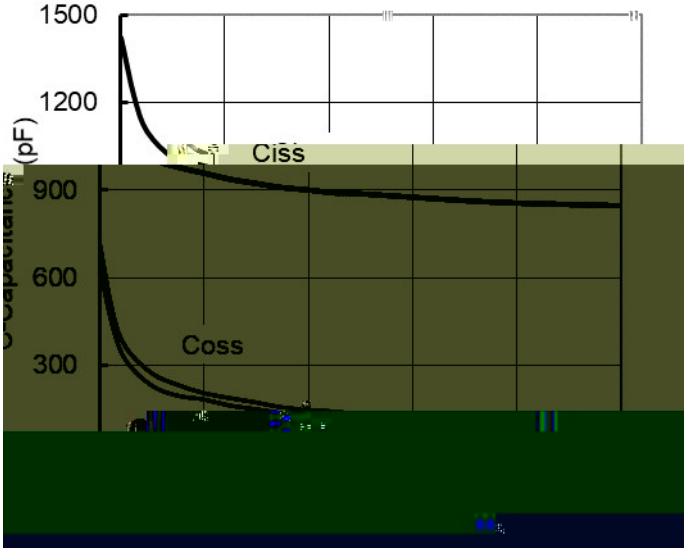
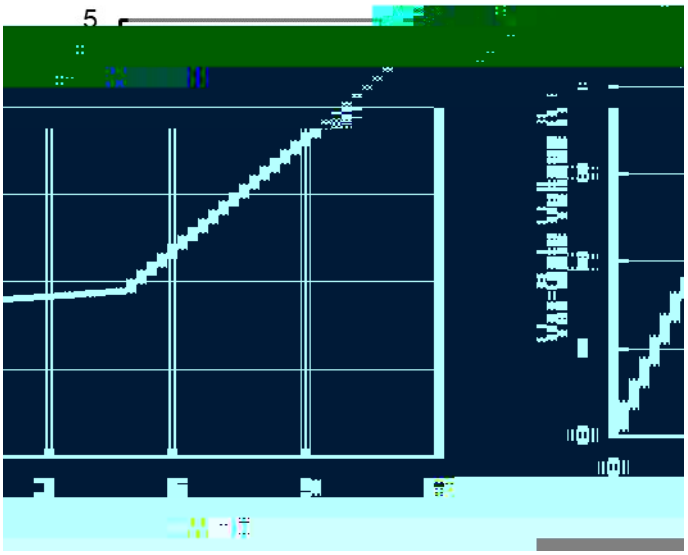
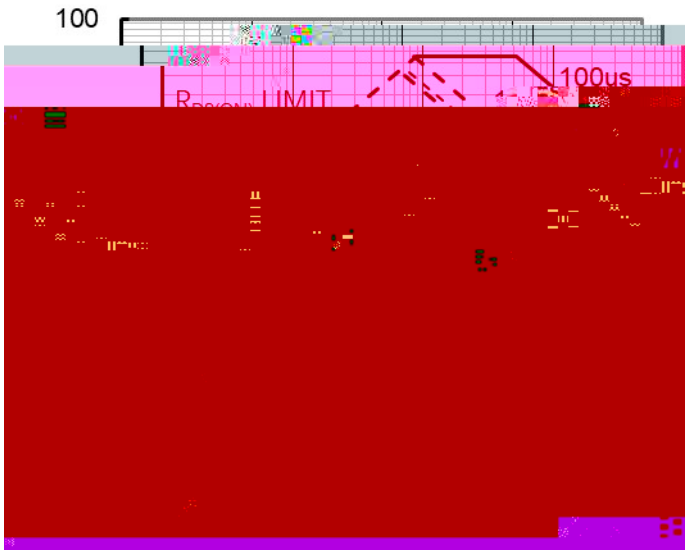

25
20
15
10
5
0
V_{DS}=5V
125℃
25℃
I_D-Drain Current (A)
0
0.5
1
1.5
2
2.5
3

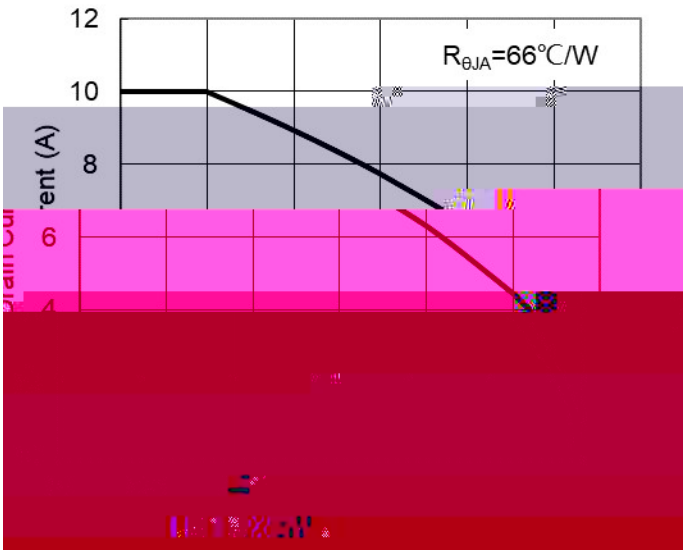

20
17
11
V_{GS}=2.5V

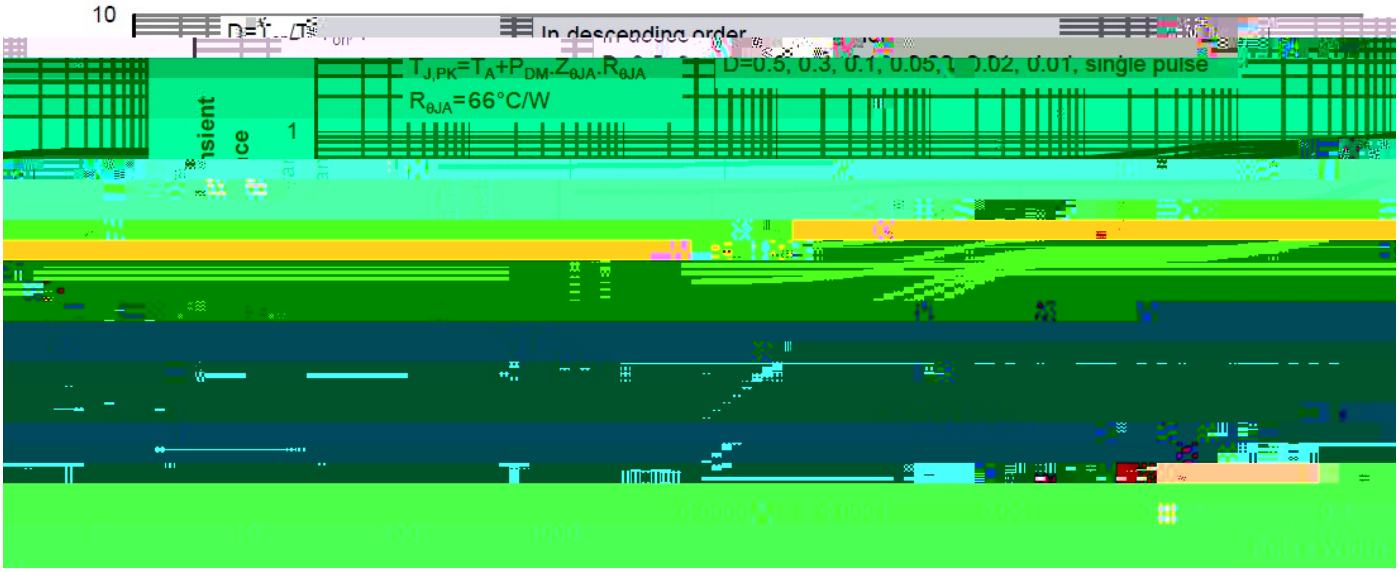

1.6
V_{GS}=4.5V

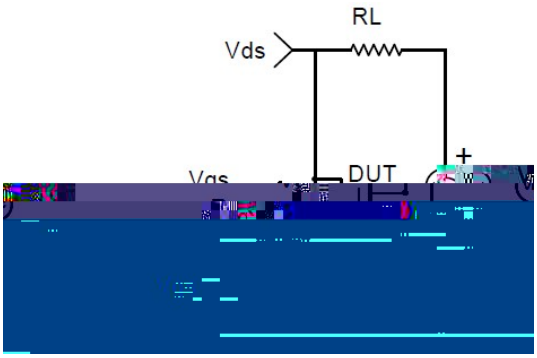

1500
1200
900
600
300
(pF)
Ciss
Coss

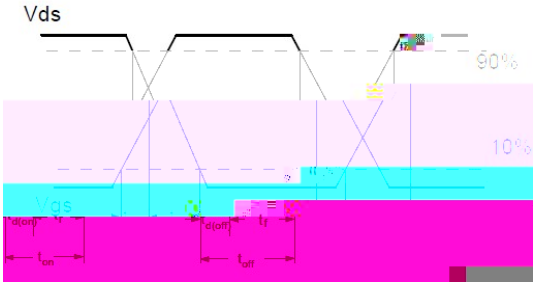

5

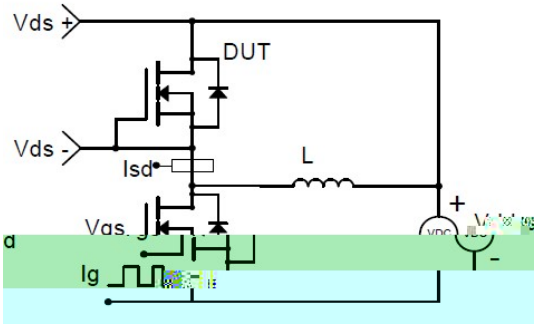

100
100us

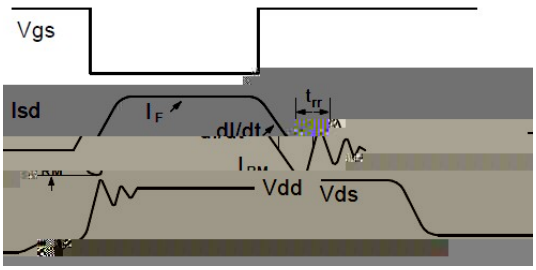

12
10
8
6
$R_{\theta JA}$=66°C/W

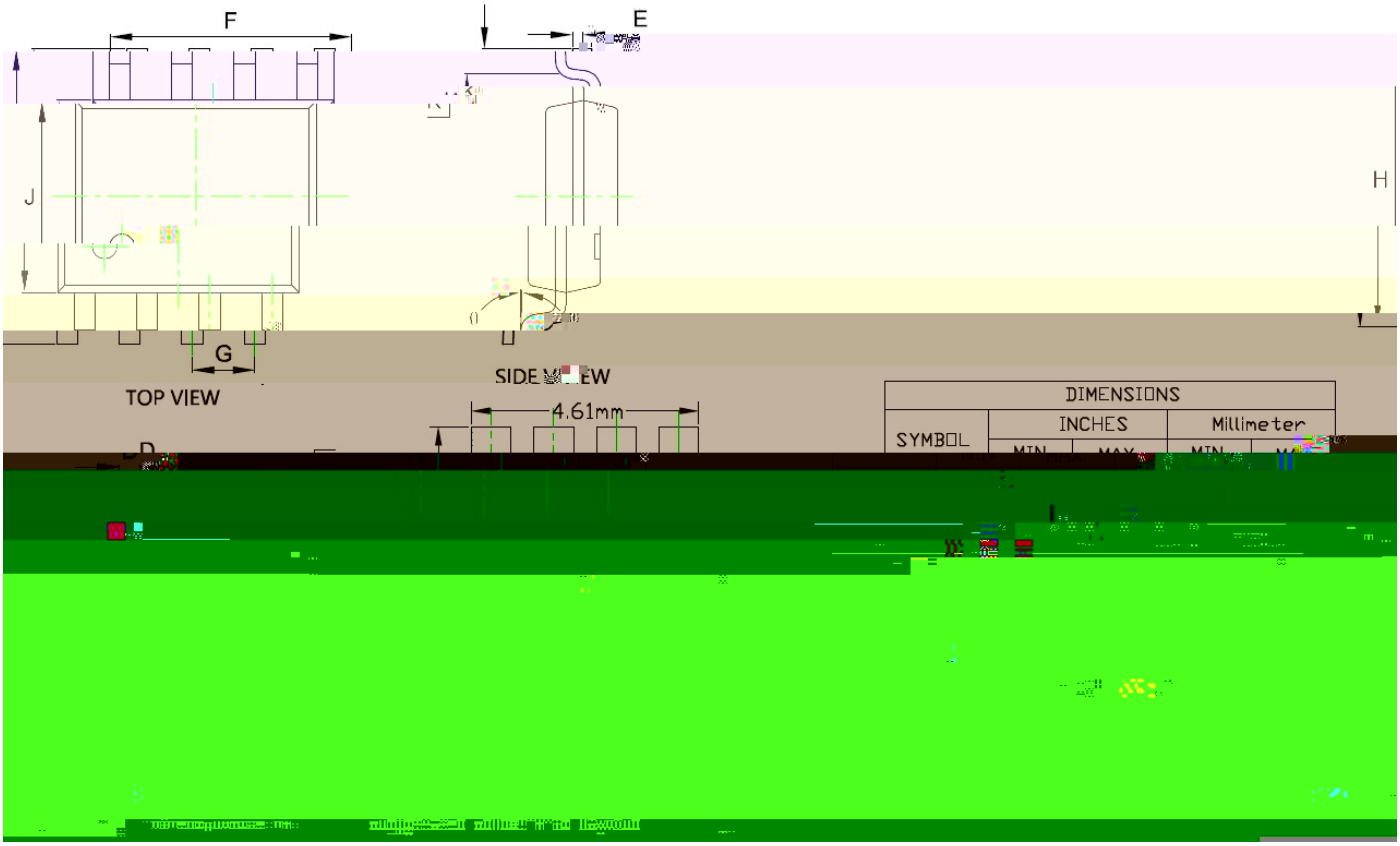

10
1
In descending order
$T_{J,PK}=T_A+P_{DM}\cdot Z_{\theta JA}\cdot R_{\theta JA}$
$R_{\theta JA}$=66°C/W
D=0.5, 0.3, 0.1, 0.05, 0.02, 0.01, single pulse


RL
Vds
DUT
+


Vds
90%
10%
Vgs


Vds +
DUT
Vds -
Isd
L
+
Vgs
Ig
-


Vgs
Isd
Vdd
Vds


F
E
J
H
G
TOP VIEW
SIDE VIEW
4.61mm
DIMENSIONS
SYMBOL
INCHES
Millimeter
MIN
MAX
MIN