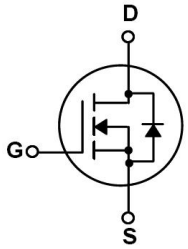
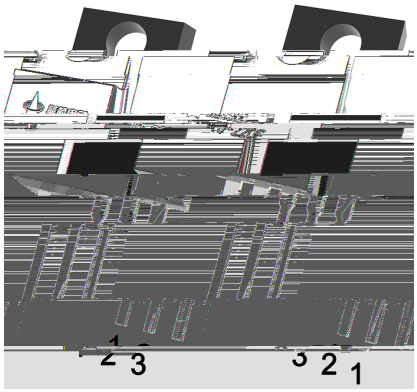
SiC

≤ Ω Ω

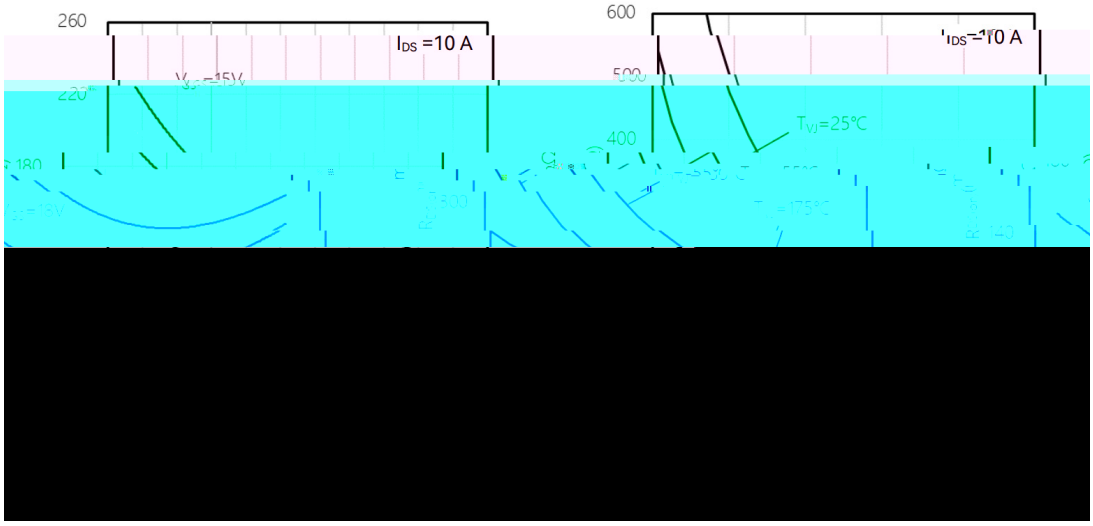
≤ Ω Ω

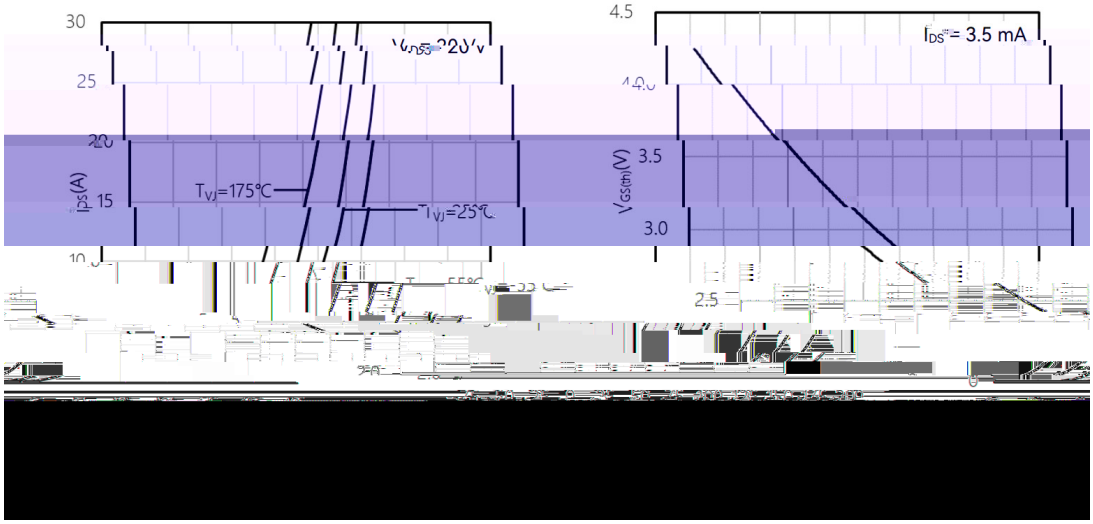
LED PD PC

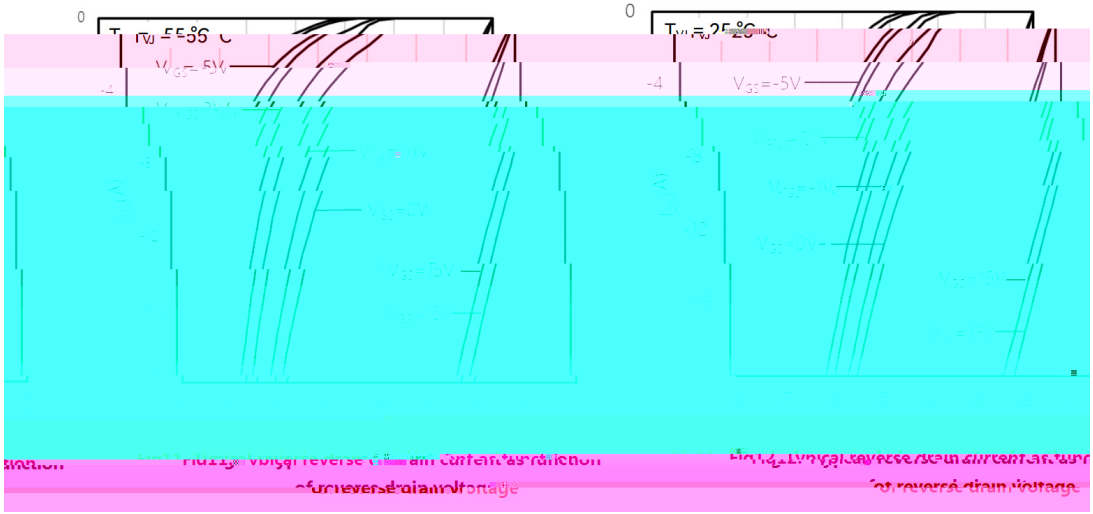


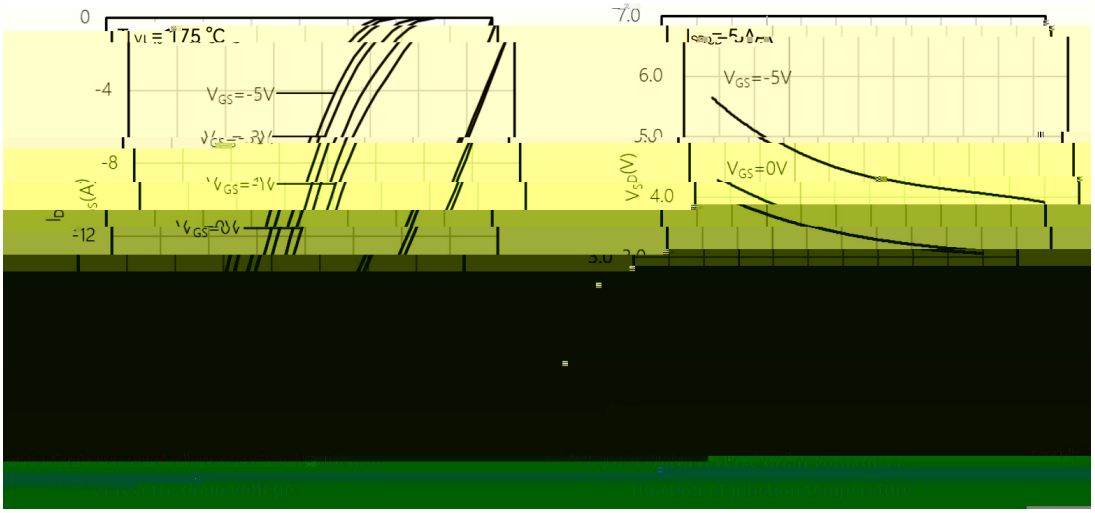


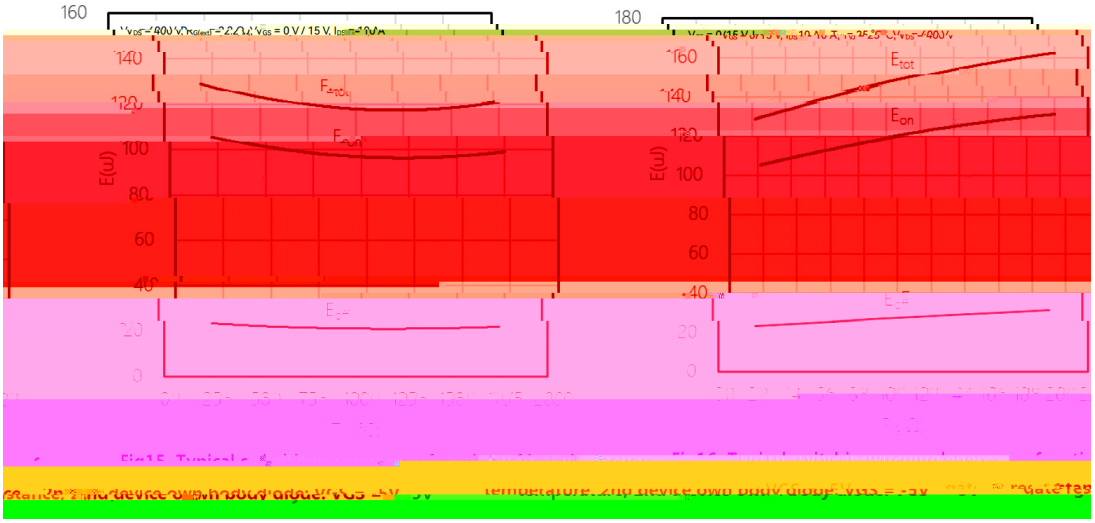
						μ
						Ω
						μ

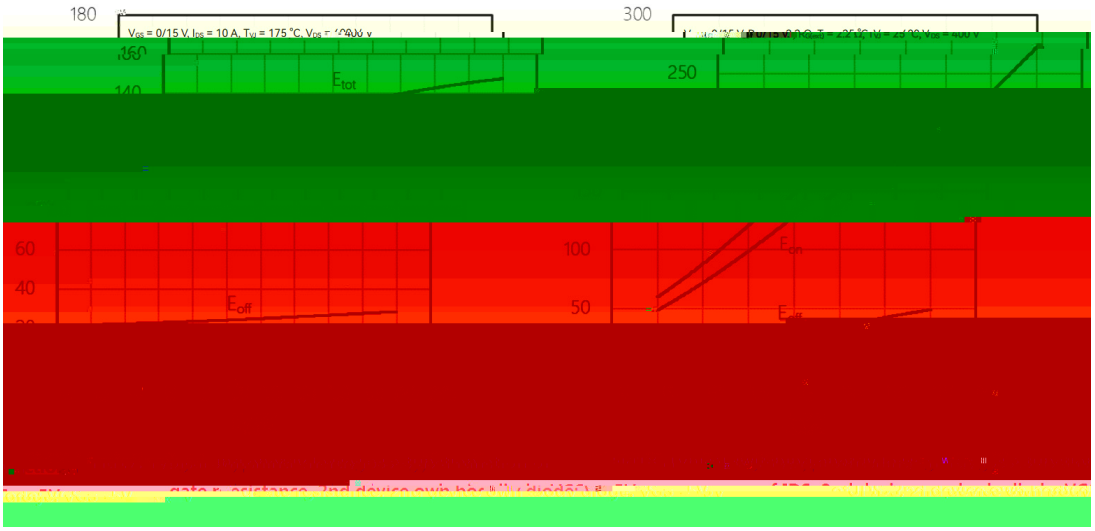

260
I_{DS} =10 A
600
I_{DS} =10 A
T_{VJ}=25°C

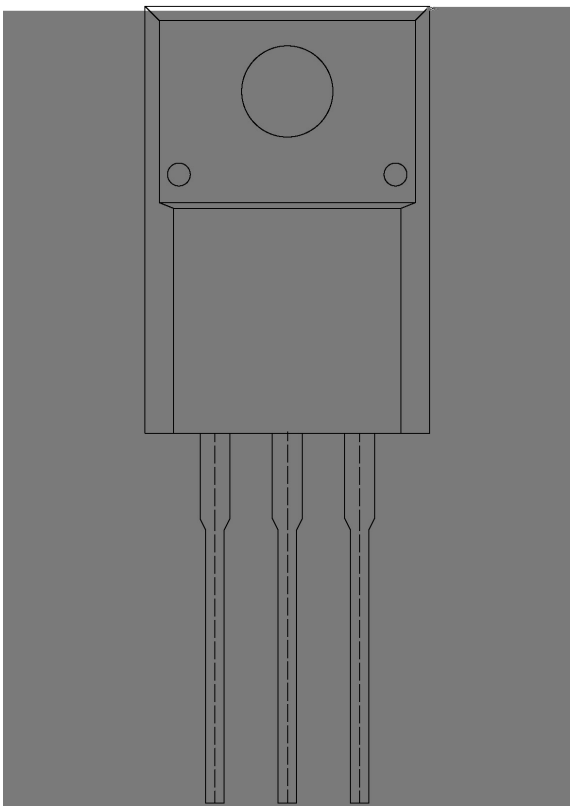

30
25
I_{DS}(A)
T_{VJ}=175°C
T_{VJ}=25°C
4.5
I_{DS}= 3.5 mA
$V_{GS(th)}$(V)
3.5
3.0
2.5


0
V_{GS}=-5V
V_{GS}=0V
V_{GS}=5V
0
V_{GS}=-5V
V_{GS}=0V
V_{GS}=5V


0
-4
-8
-12
I_D(A)
V_{GS}=-5V
V_{GS}=0V
7.0
6.0
5.0
4.0
3.0
V_{SD}(V)
V_{GS}=-5V
V_{GS}=0V


160
140
120
100
80
60
40
20
0
E(uJ)
180
160
140
120
100
80
60
40
20
0
E(uJ)
E_{tot}
E_{on}


180
140
60
40
E_{tot}
E_{off}
300
250
100
50
E_{on}



SC

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