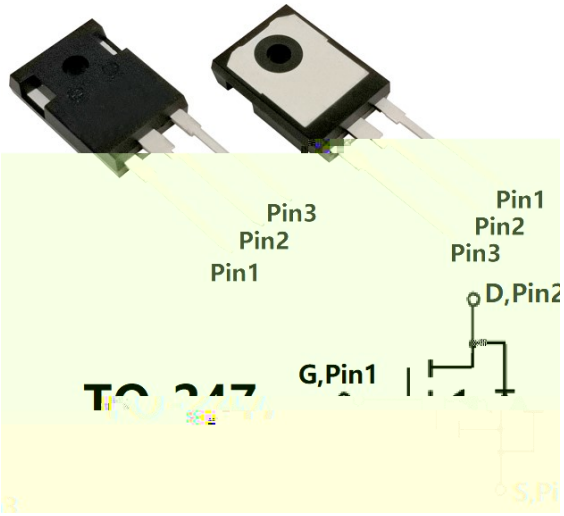
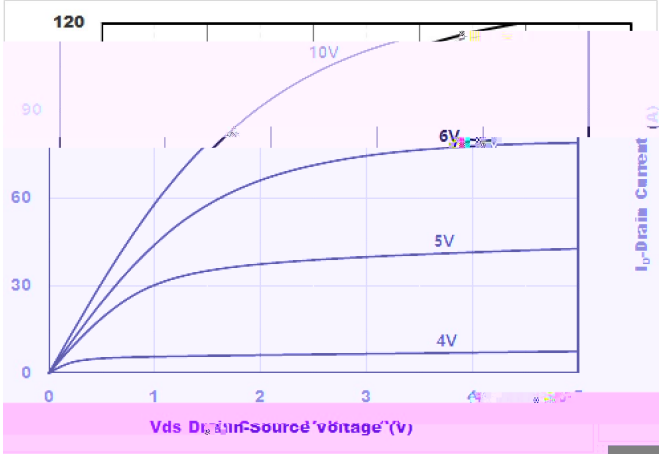
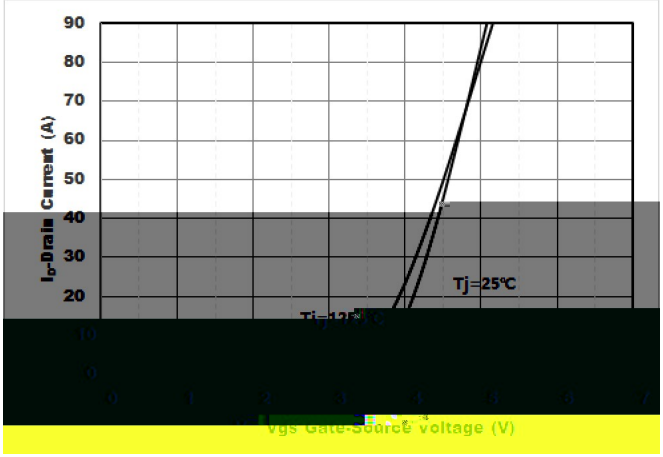
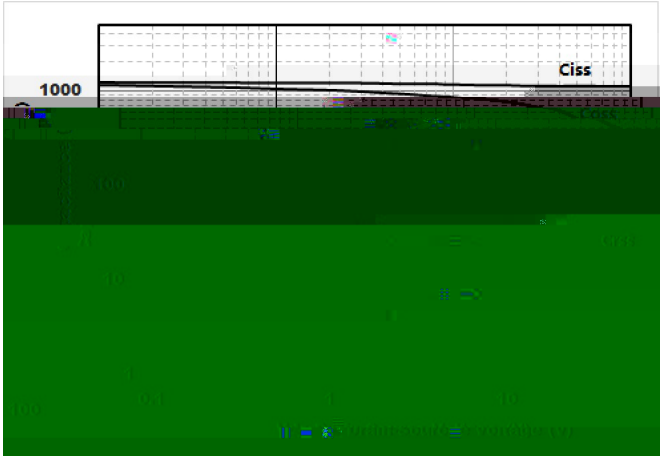
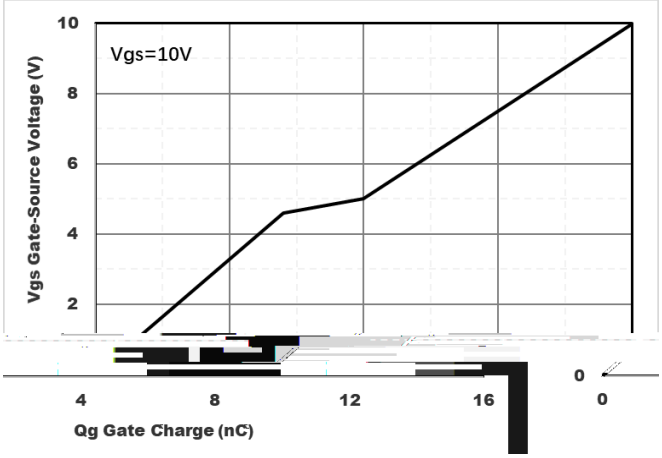
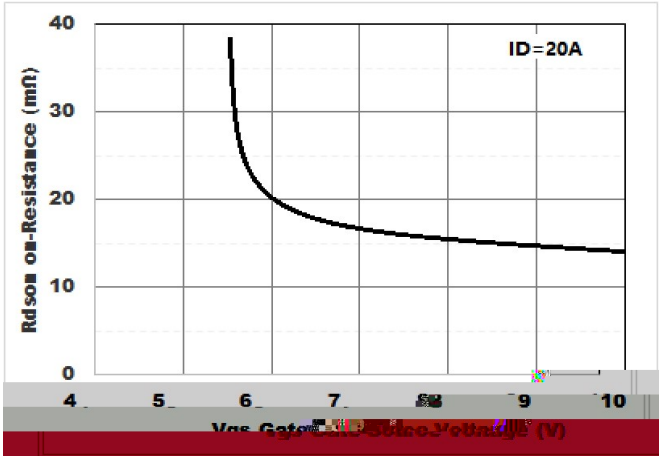

Pin3
Pin2
Pin1
Pin1
Pin2
Pin3
D,Pin2
G,Pin1

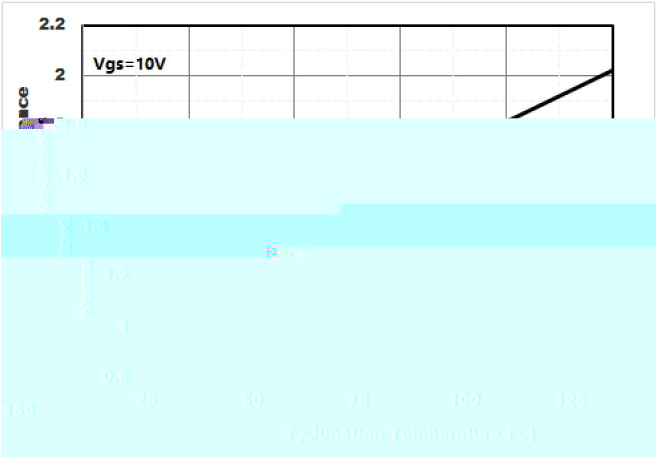

120
90
60
30
0
10V
6V
5V
4V
0
1
2
3
Vds Drain-Source voltage (V)
Id-Drain Current (A)

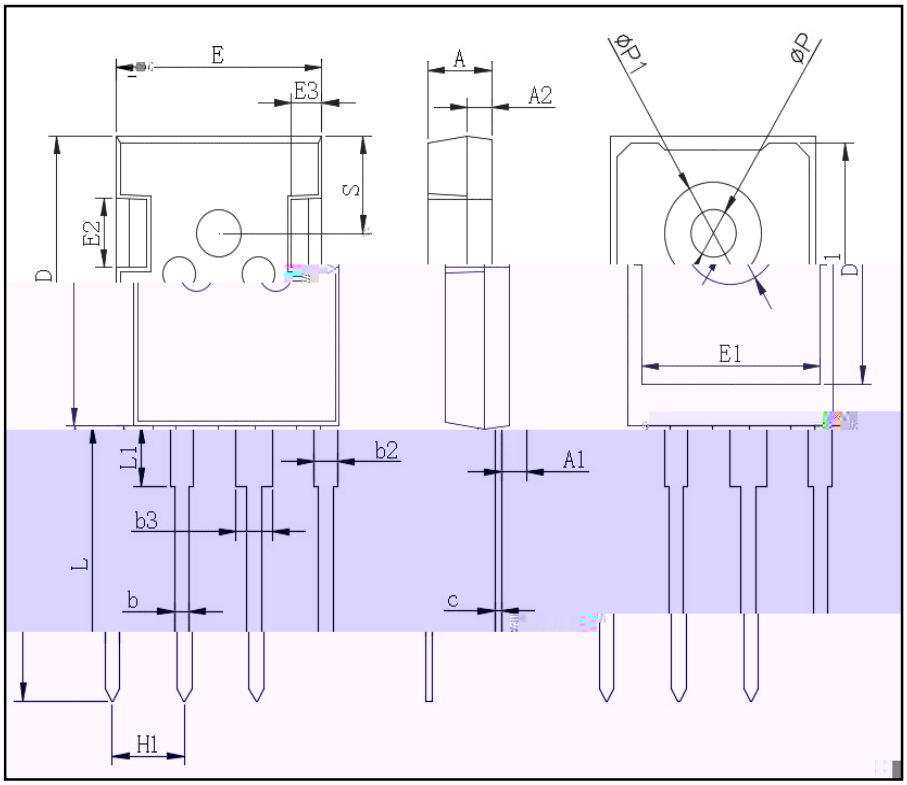

90
80
70
60
50
40
30
20
Id-Drain Current (A)
Tj=25℃
Vgs Gate-Source voltage (V)


Ciss
1000


10
8
6
4
2
0
Vgs=10V
Vgs Gate-Source Voltage (V)
4
8
12
16
0
Qg Gate Charge (nC)


40
30
20
10
0
ID=20A
Rdson on-Resistance (mΩ)
4
5
6
7
9
10


2.2
2
Vgs=10V


E
E3
A
A2
ØP1
ØP
S
E2
D
D1
E1
L1
b2
A1
b3
L
b
c
H1