×　　N　　MOS

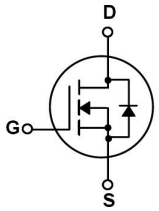
×

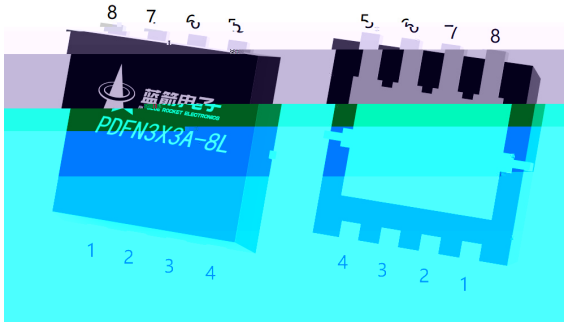
±

≤

AEC-Q101

DC/DC





	≤	θ		
		θ		

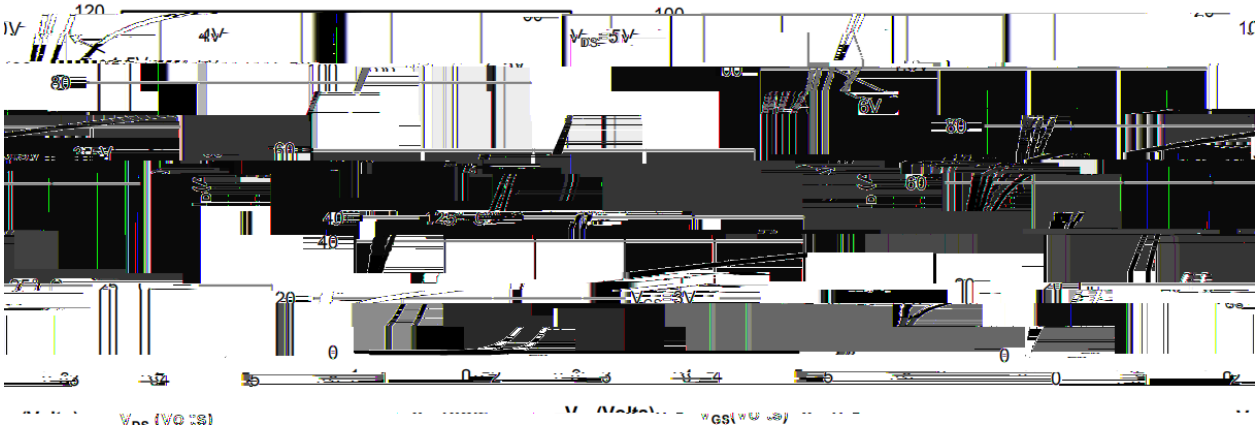
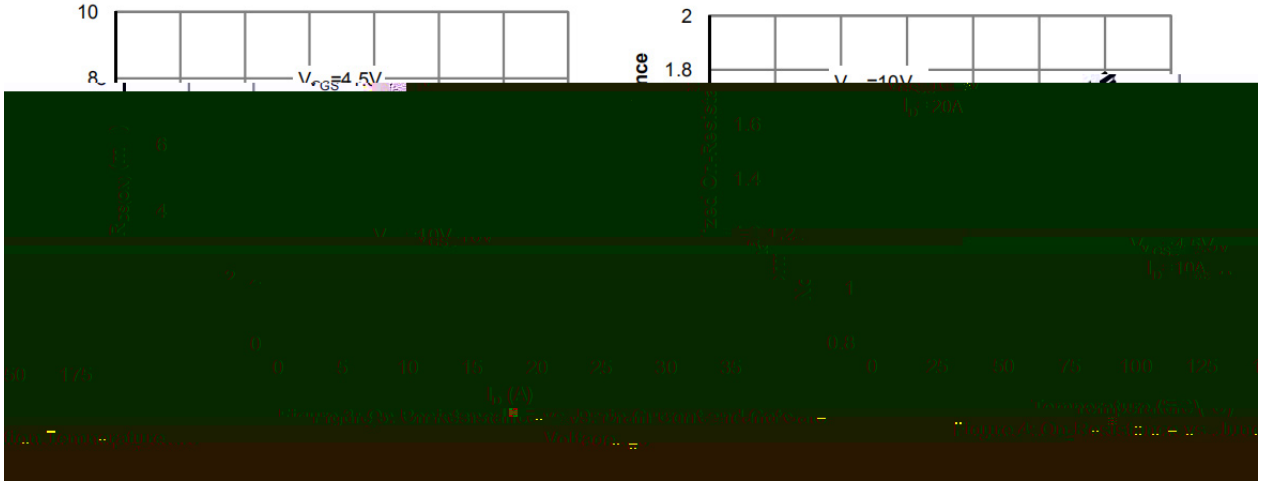
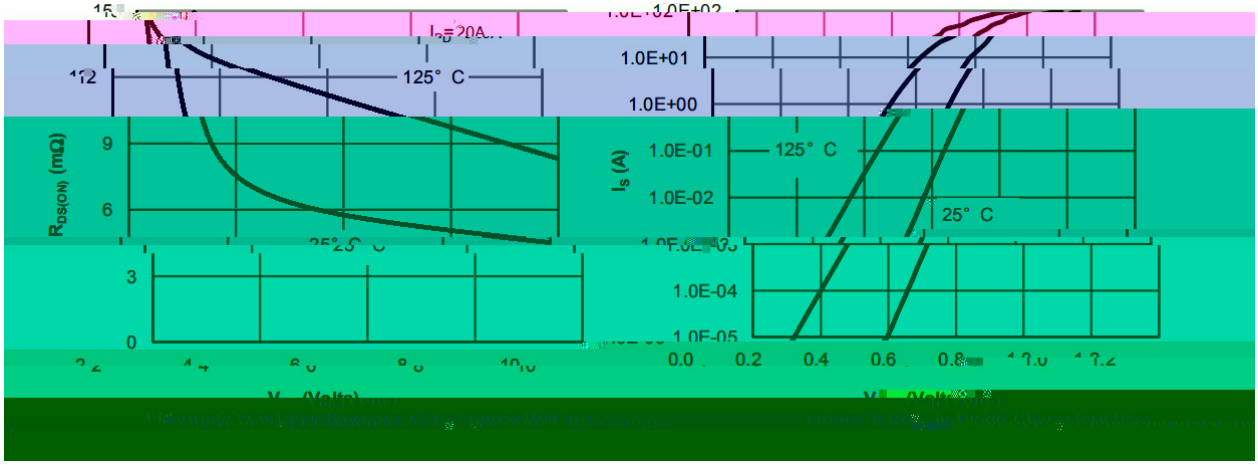
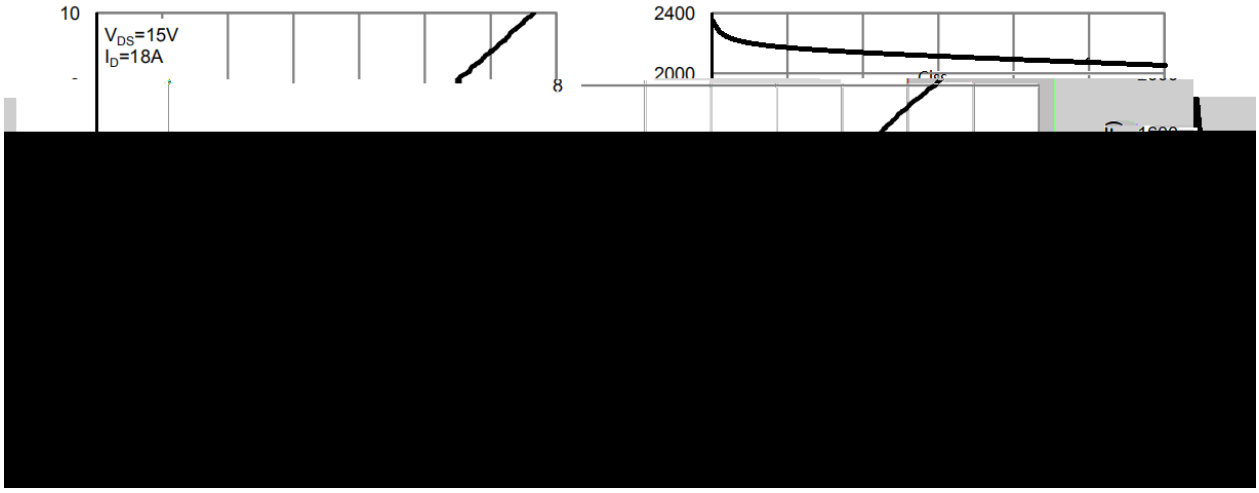


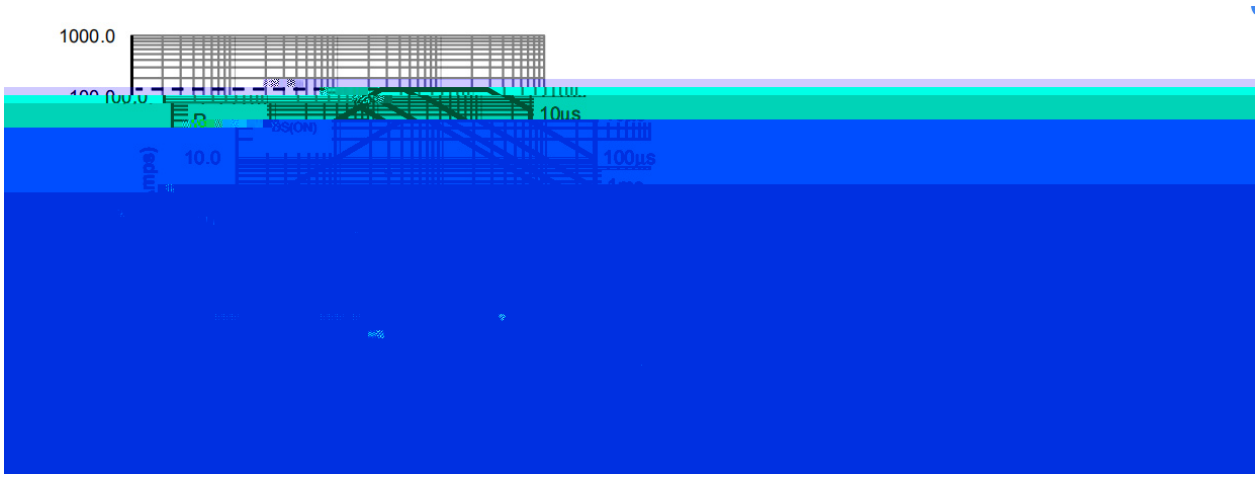
Fig.1: On-Region Characteristics

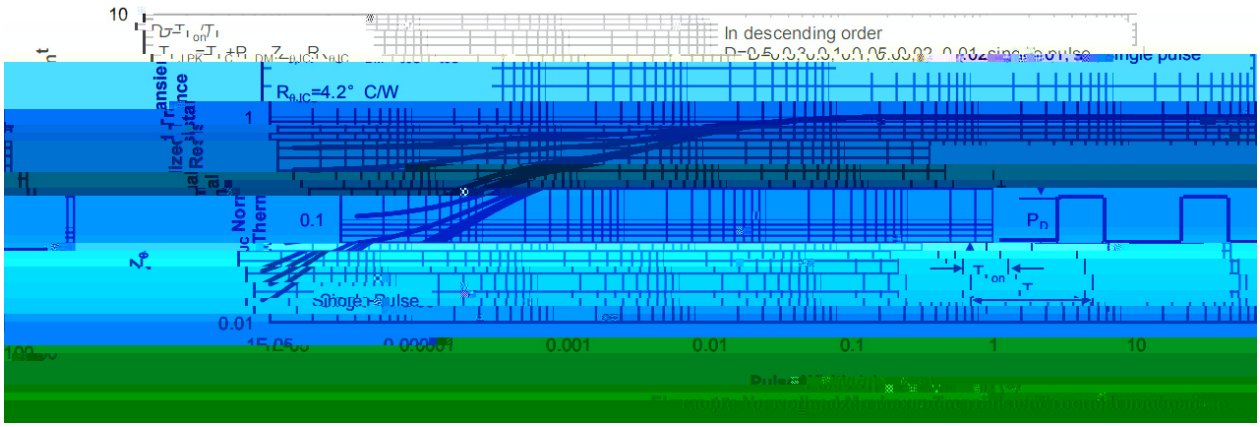
Figure 2: Transfer Characteristics





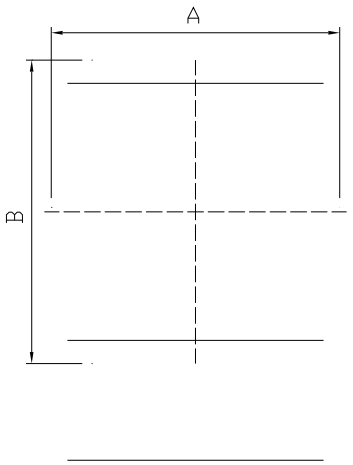

10
V_{DS}=15V
I_D=18A
8
2400
2000


1000.0
10us
100us
10.0


10
In descending order
$R_{\theta JC}$=4.2° C/W
1
0.1
0.01
Single Pulse
P_D
T_{on}
T
0.001
0.01
0.1
1
10

PDFN3X3A-8L

Unit:mm



Dimensions In Millimeterer			
Symbol	MIN	TYP	MAX
A	3.20	3.30	3.40
A1	3.10	3.15	3.20
B	3.20	3.30	3.40
B1	2.95	3.00	3.05
C	0.75		
L1	-	-	0.75
L2	0.55	0.65	0.75
L4	0.14	0.15	0.20
a	2.35	2.45	2.55
b	1.635	1.735	1.835

Rev.00 202011

Temperature Profile for IR Reflow Soldering(Pb-Free)

± ± ± ±

± ± ± ±