






## Electrical Characteristics of the IGBT

<b>Static</b>						

<b>Dynamic</b>						



## Switching Characteristic, Inductive Load

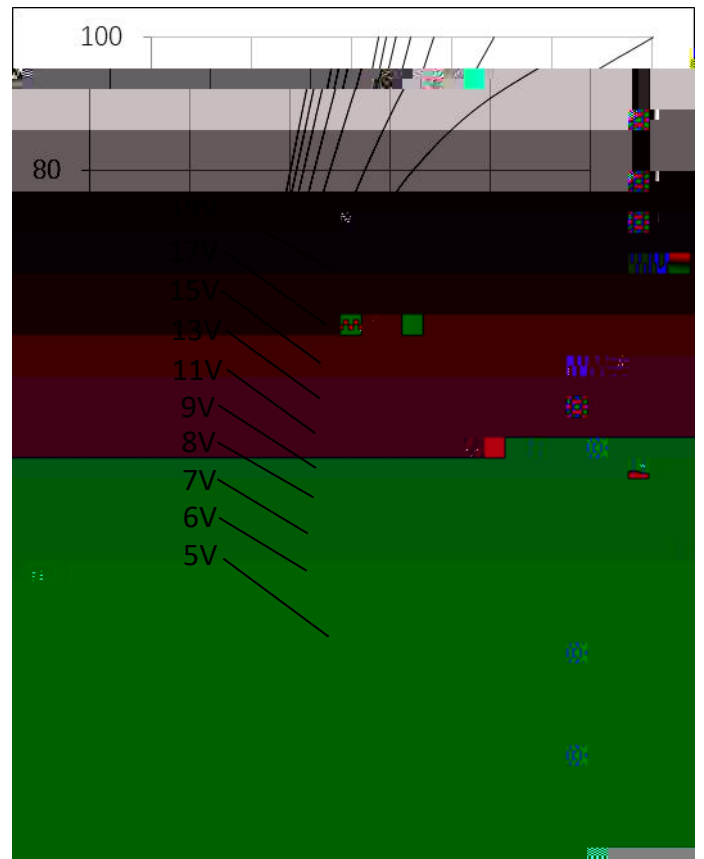
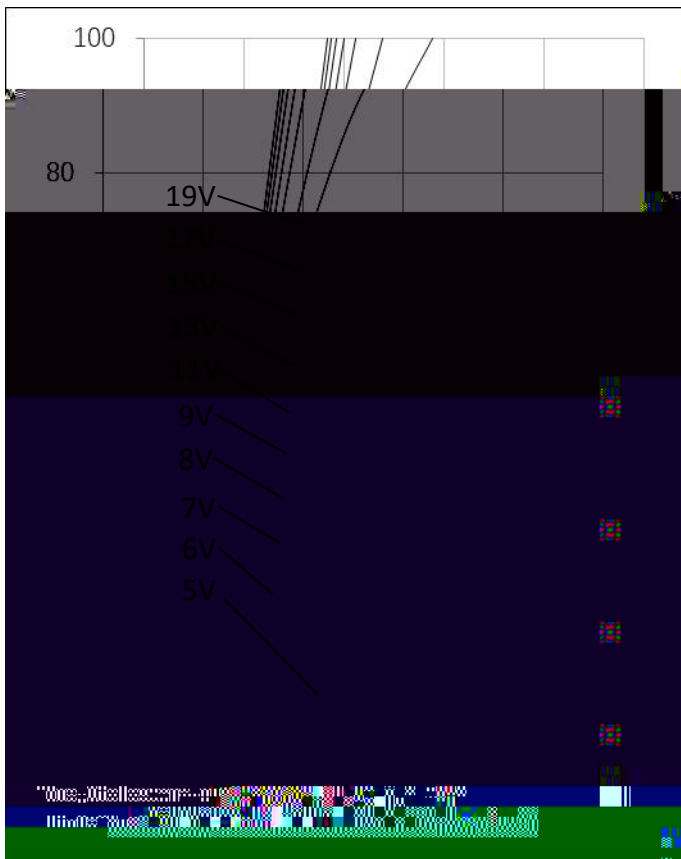
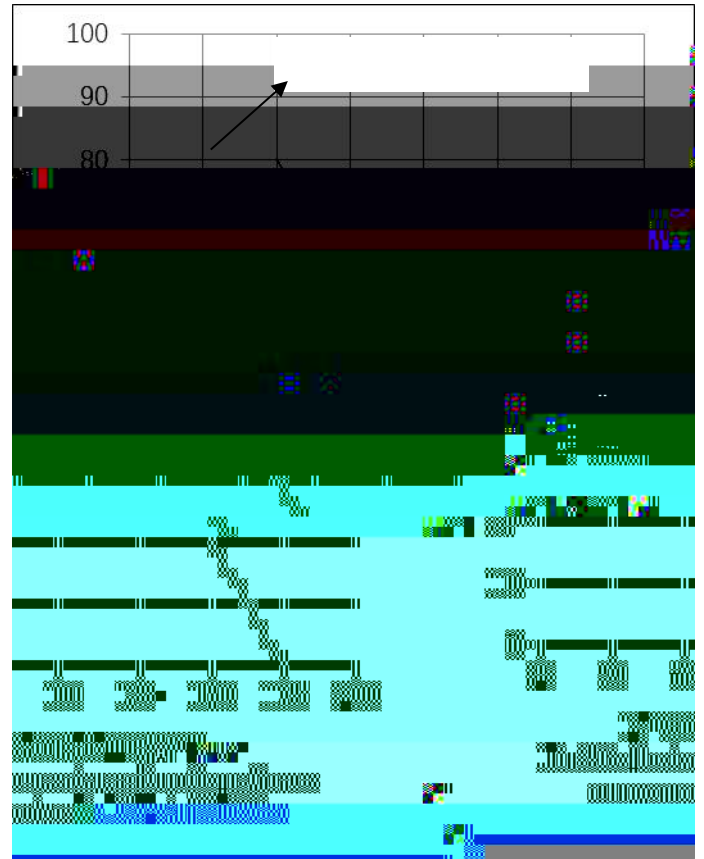
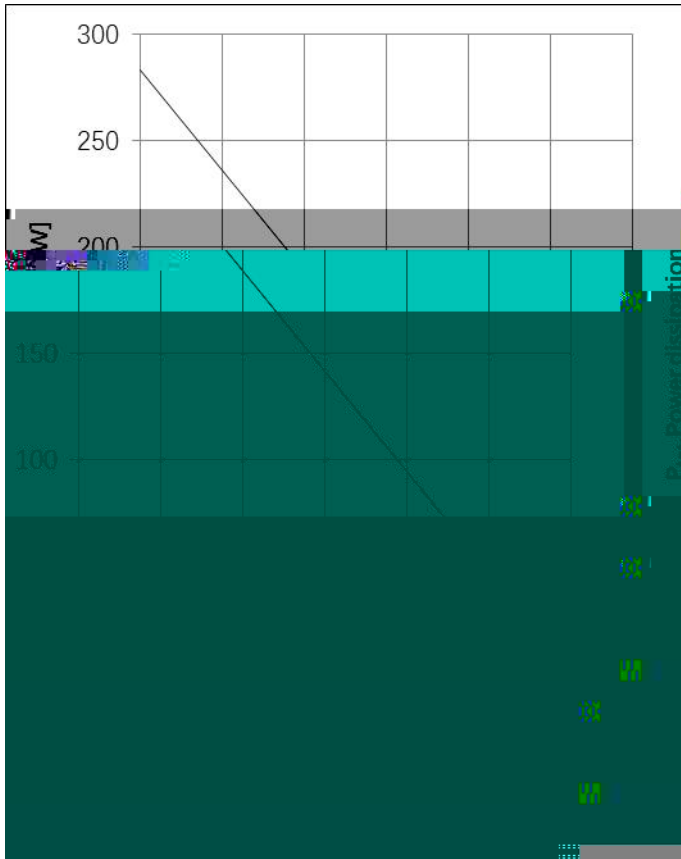
<b>Dynamic , at <math>T_j = 25</math></b>						
<b>Dynamic , at <math>T_j = 125</math></b>						
<b>Dynamic , at <math>T_j = 150</math></b>						

## Thermal Resistance




# DGP50N65ATS2A

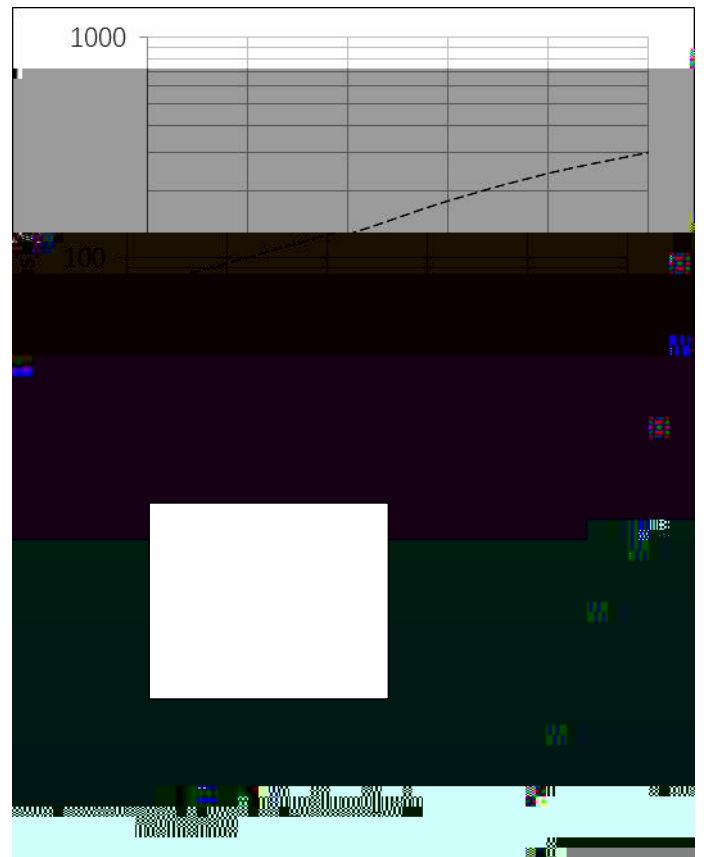
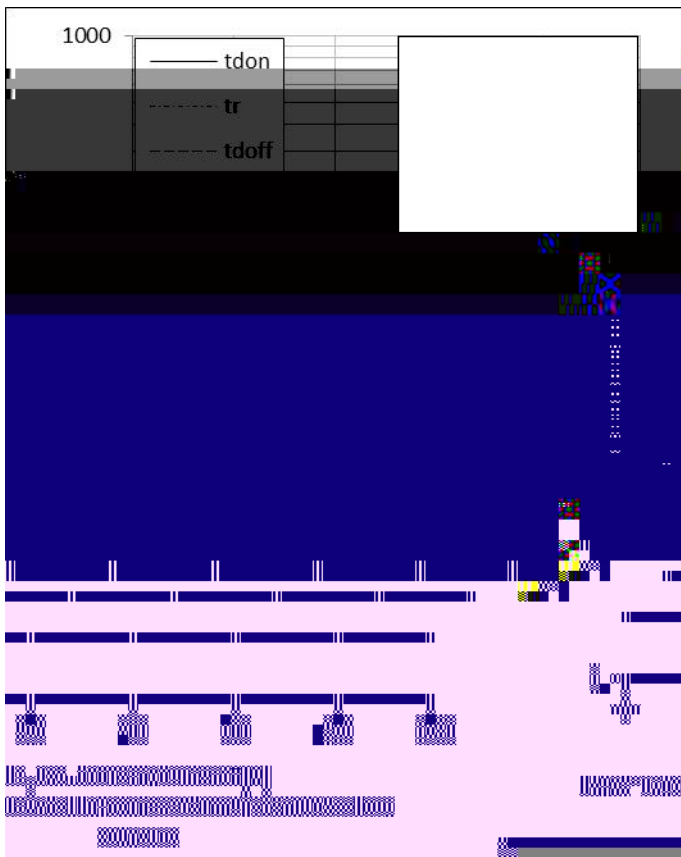
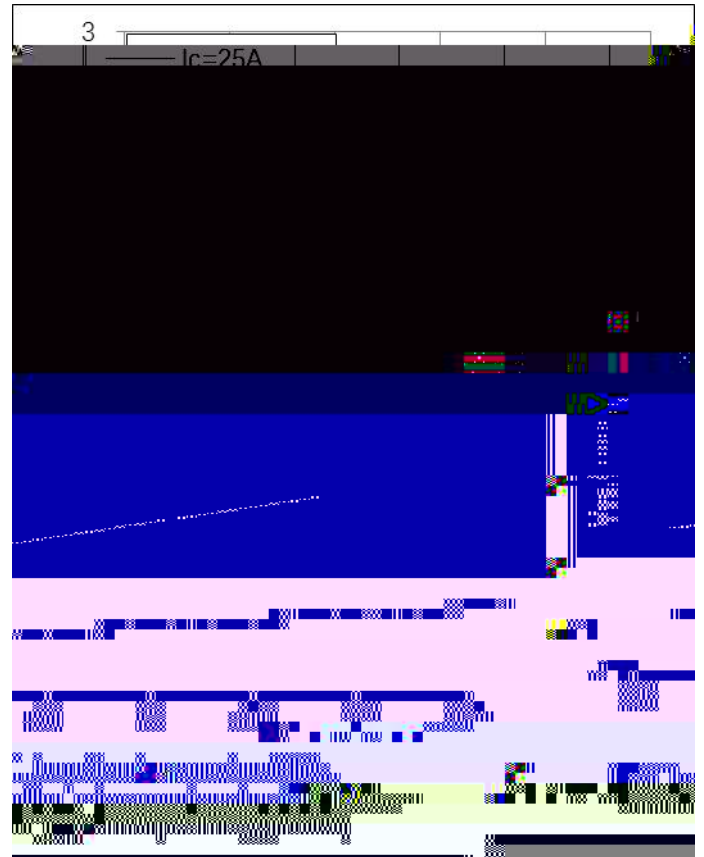
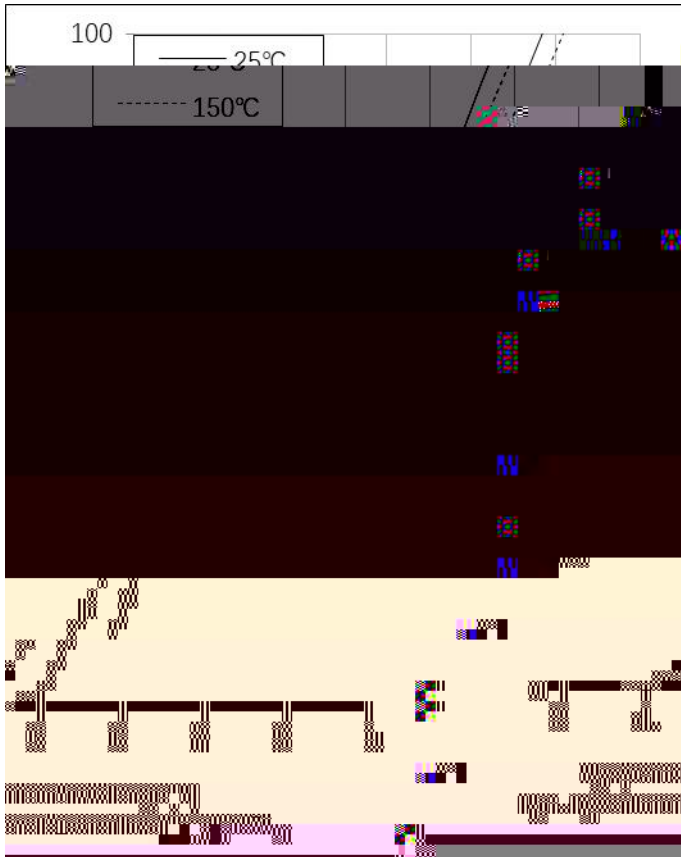
**RoHS**  
COMPLIANT





# DGP50N65ATS2A

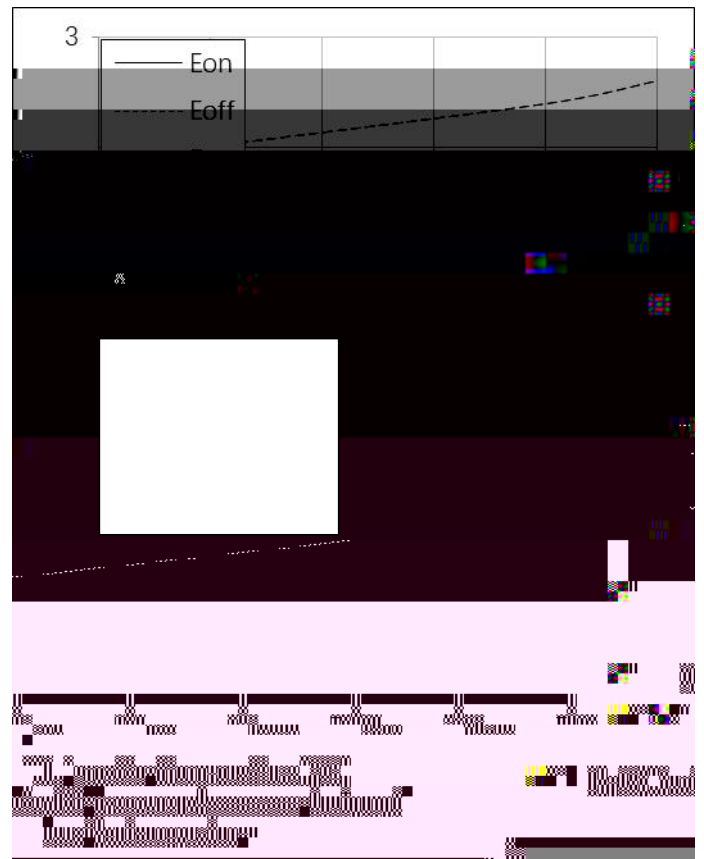
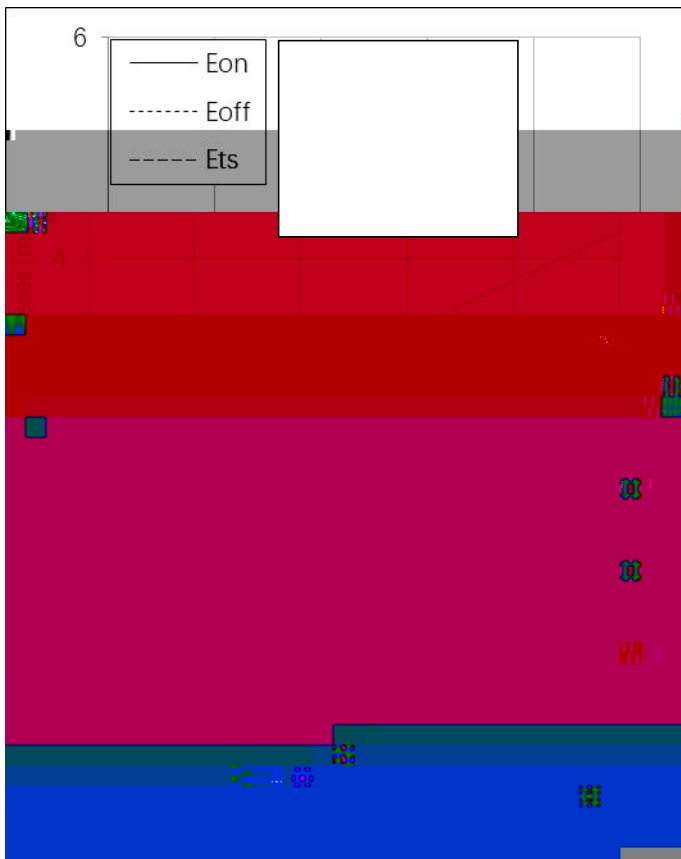
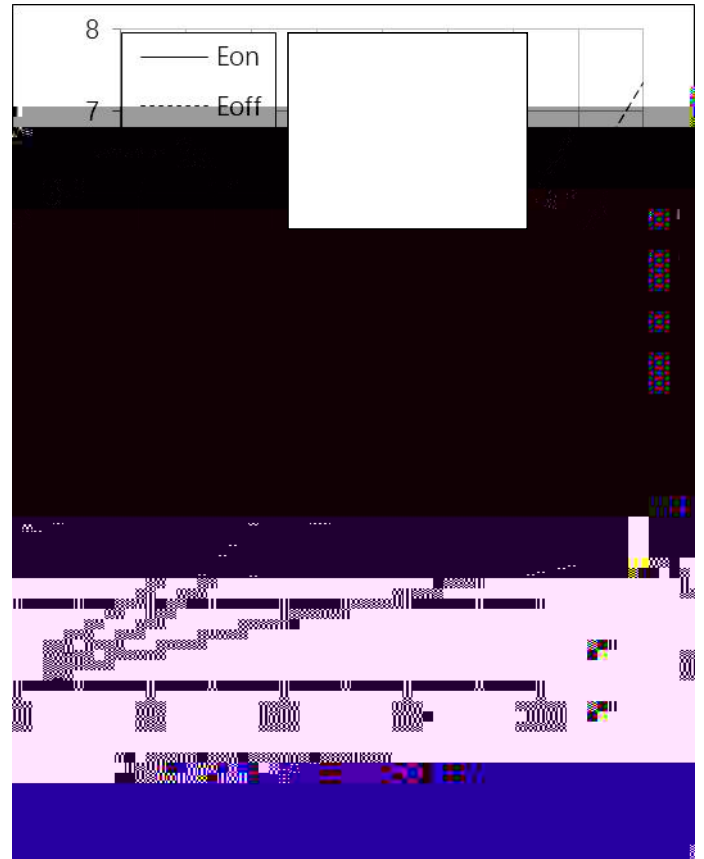
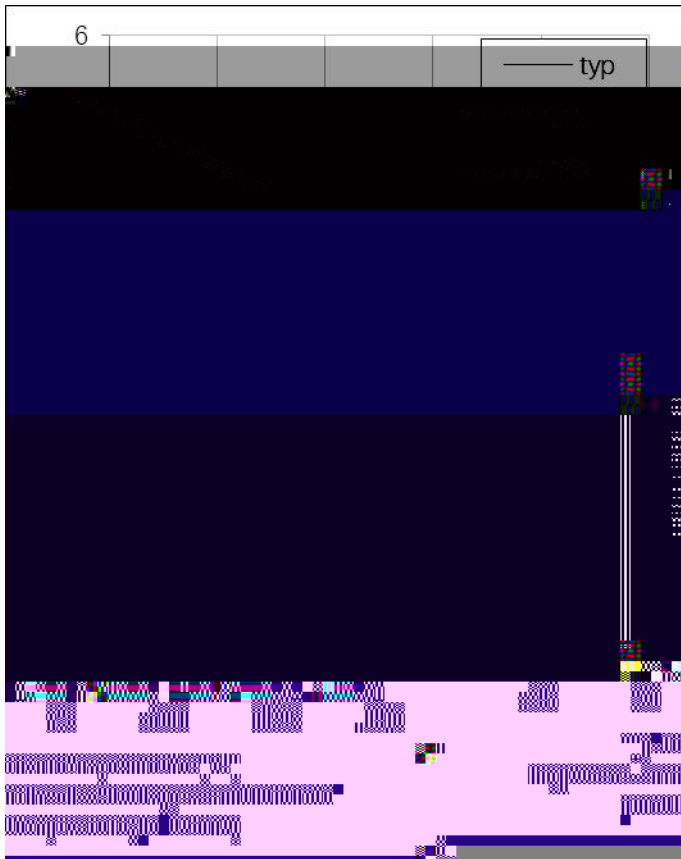
**RoHS**  
COMPLIANT





# DGP50N65ATS2A

**RoHS**  
COMPLIANT



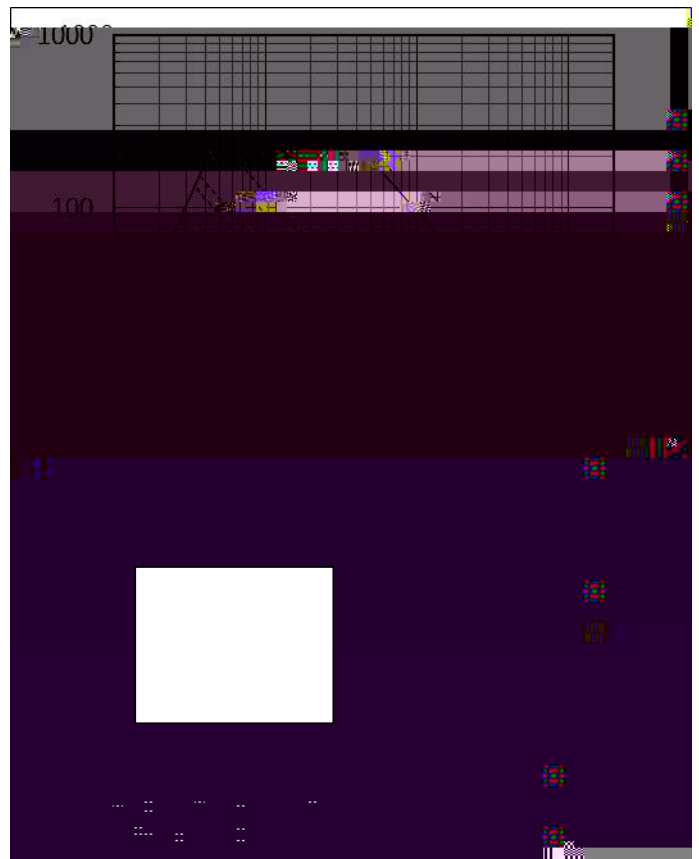
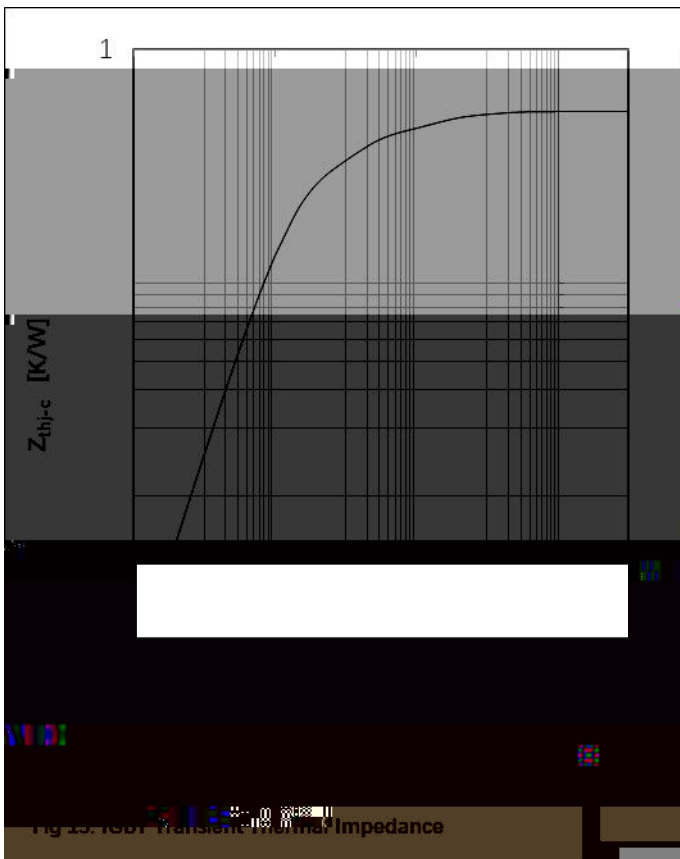
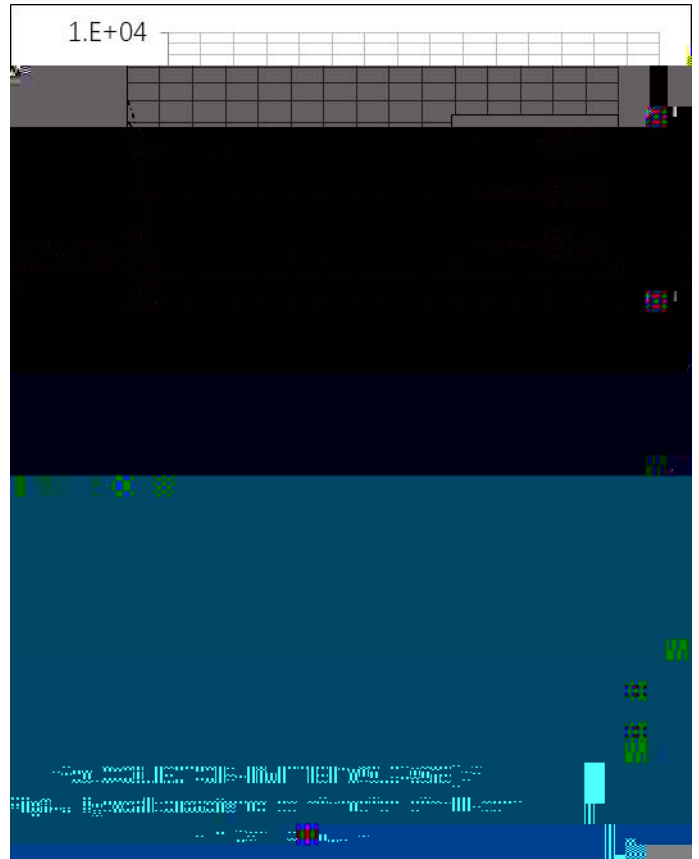
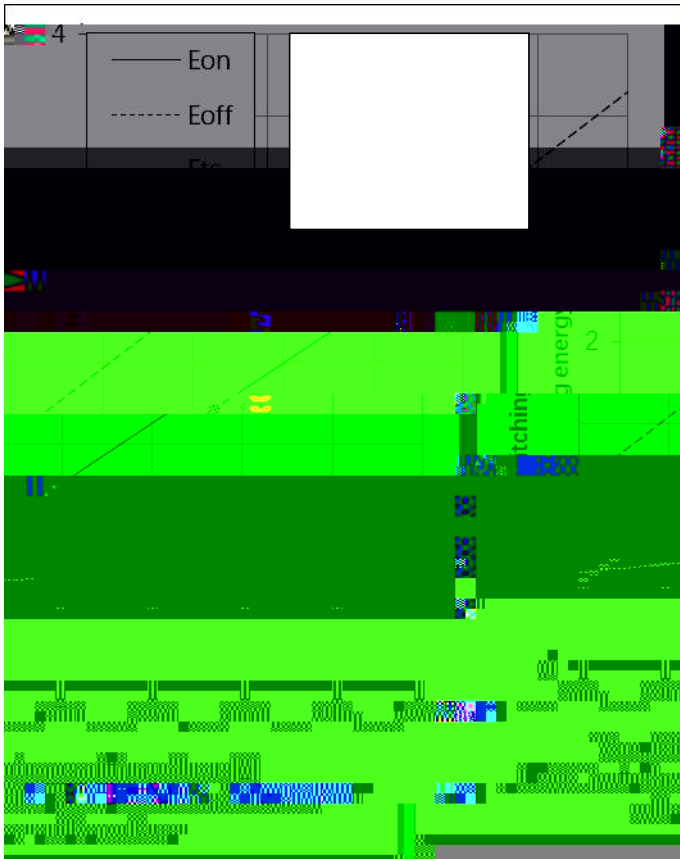
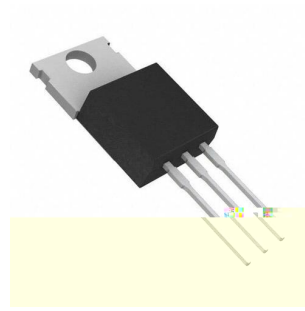
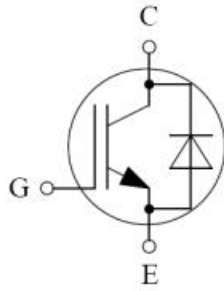


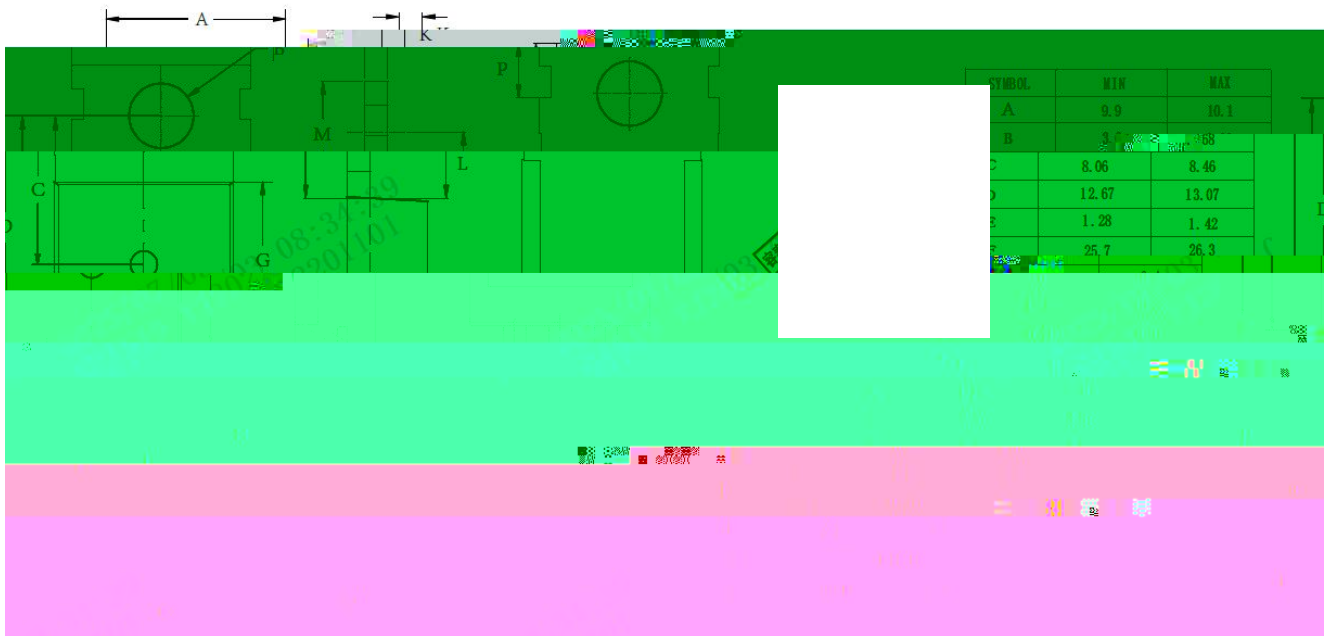
Fig. 15-1087 Transient Thermal Impedance



## Circuit Diagram



## TO-220 package information





**DGP50N65ATS2A**

**RoHS**  
COMPLIANT

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**Disclaimer**

