



DGW25N120CTL

Electrical Characteristics of the IGBT

Parameter	Symbol	Conditions	Min.	Typ.	Max.	Unit
Static						

Parameter	Symbol	Conditions	Min.	Typ.	Max.	Unit
Dynamic						



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Electrical Characteristics of the Diode

Parameter	Symbol	Conditions	Min.	Typ.	Max.	Unit
Static						

Switching Characteristic, Inductive Load

Parameter	Symbol	Conditions	Min.	Typ.	Max.	Unit
Dynamic , at $T_j= 25$						
Dynamic , at $T_j= 125$						
Dynamic , at $T_j= 150$						



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Electrical Characteristics of the DIODE

Parameter	Symbol	Conditions	Min.	Typ.	Max.	Unit
Dynamic , at T_j= 25						
Dynamic , at T_j= 125						
Dynamic , at T_j= 150						

Thermal Resistance

Parameter	Symbol	Max. Value	Unit



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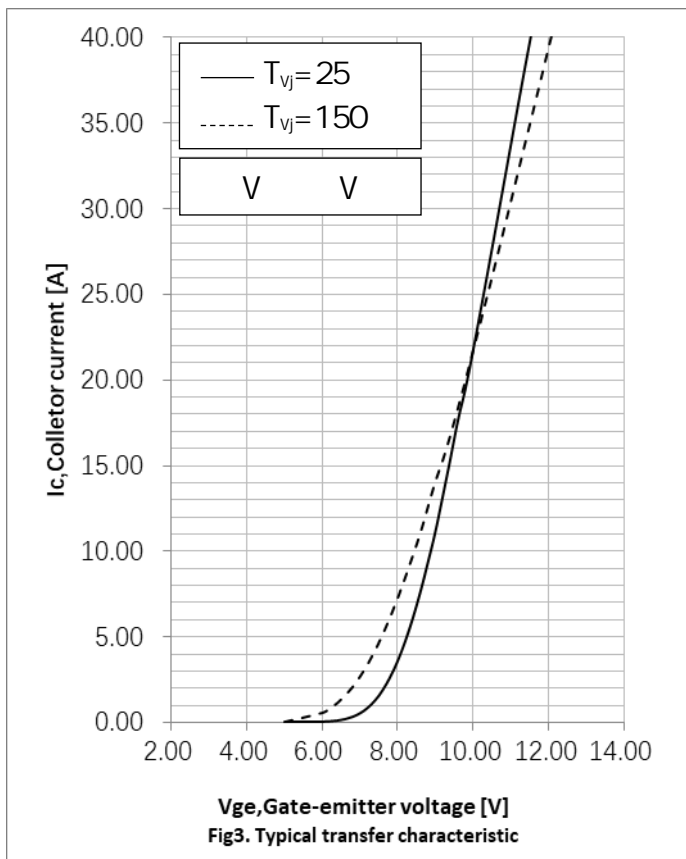
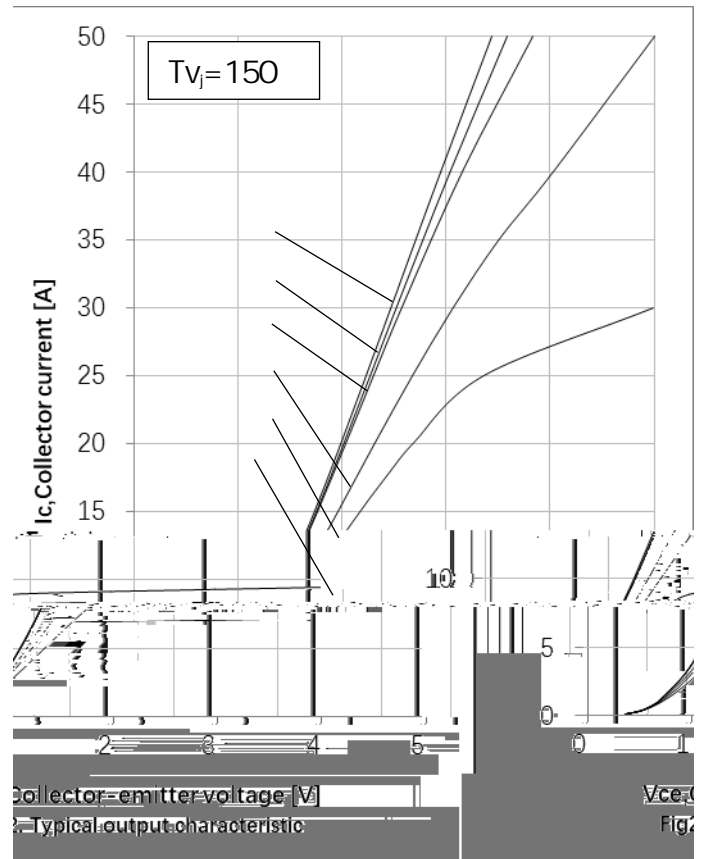
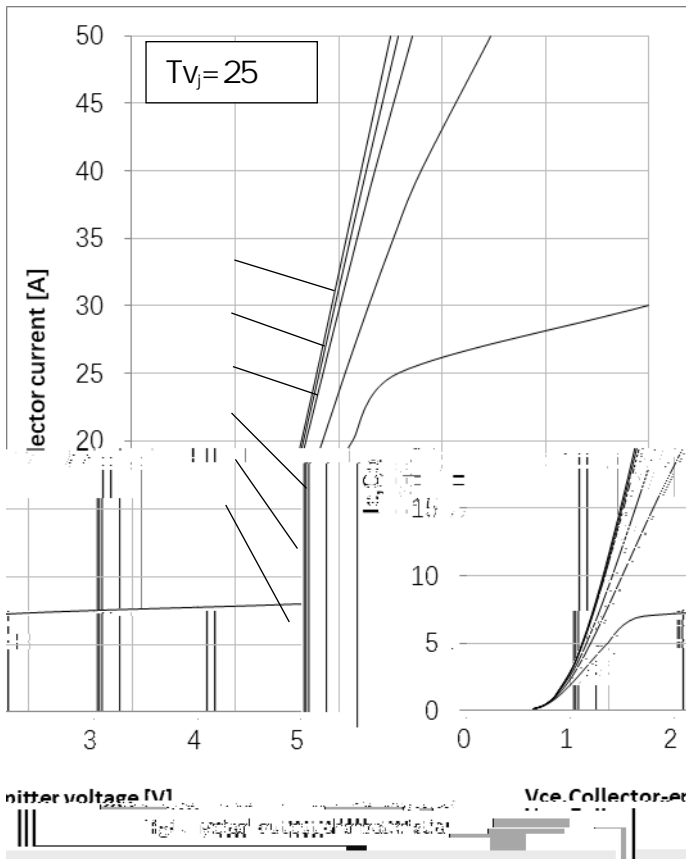


Fig3. Typical transfer characteristic

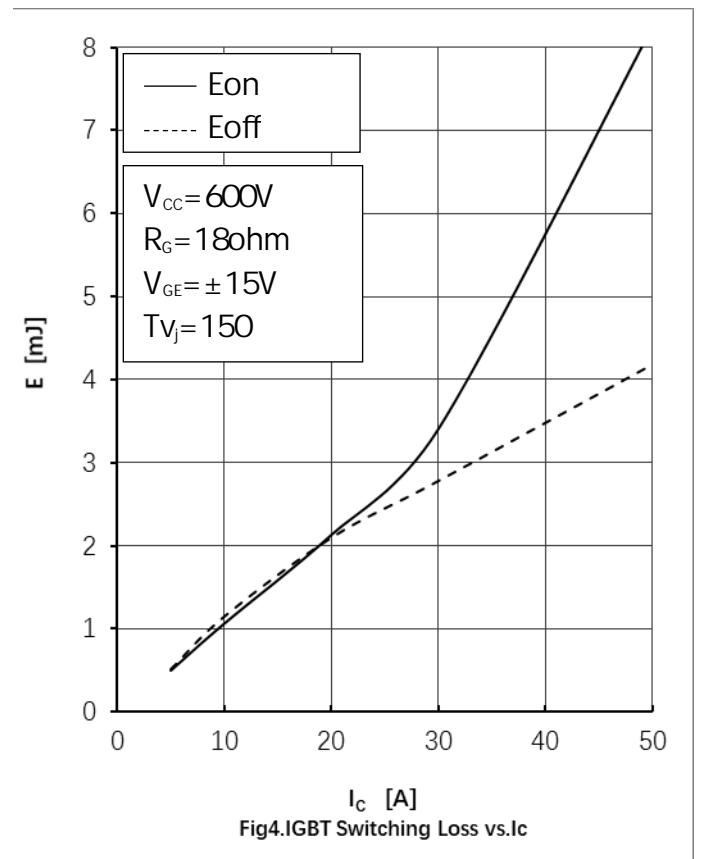
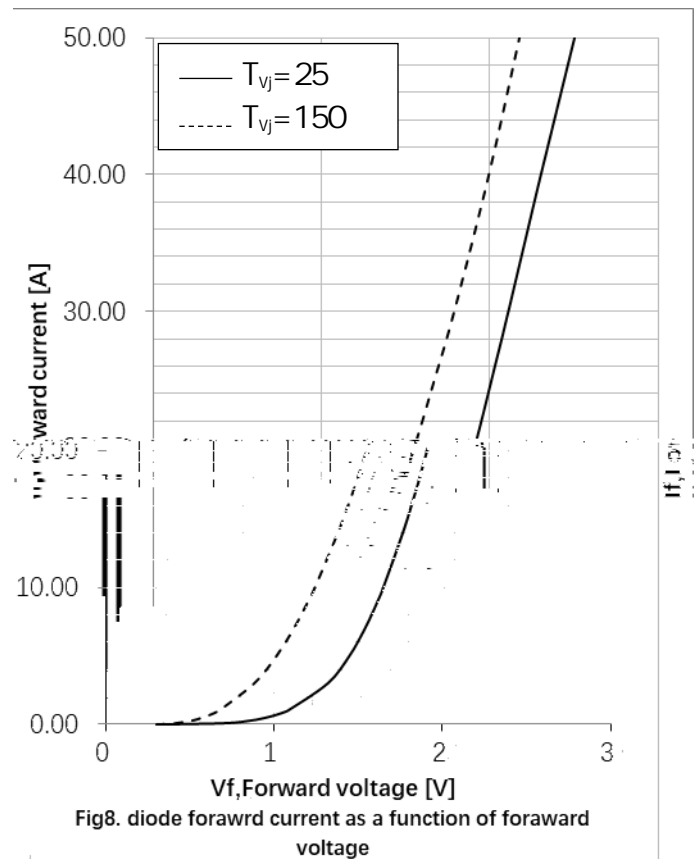
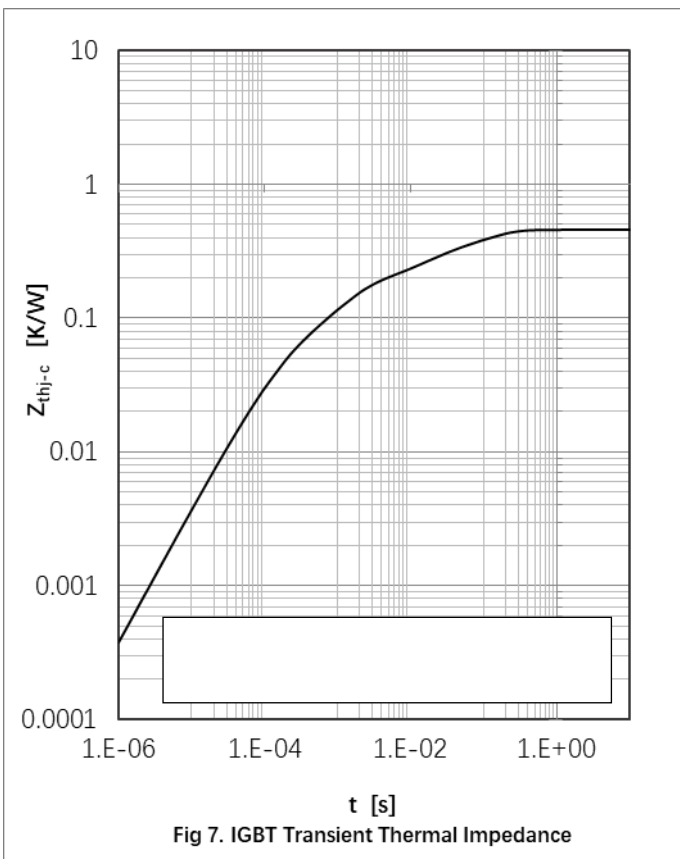
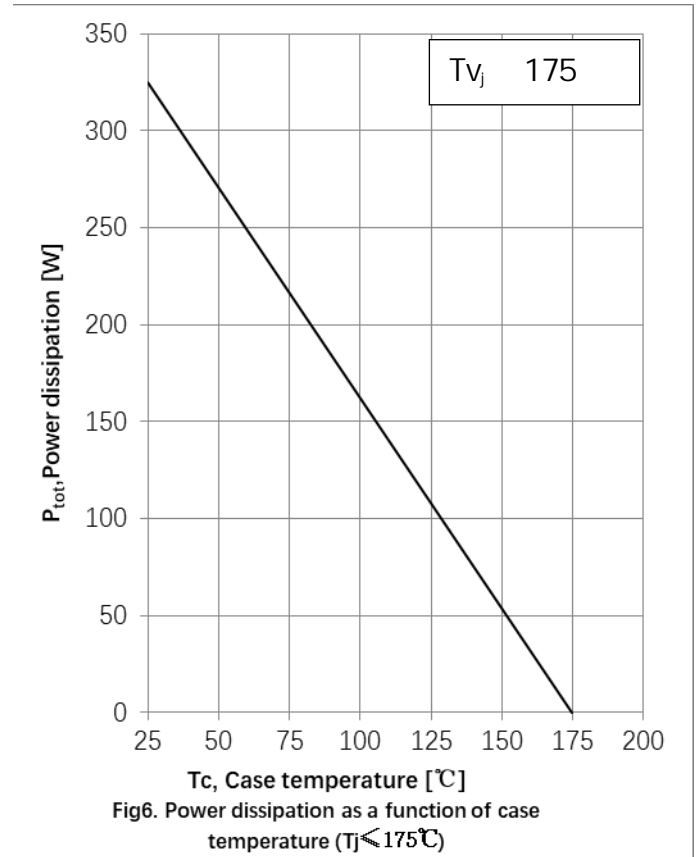
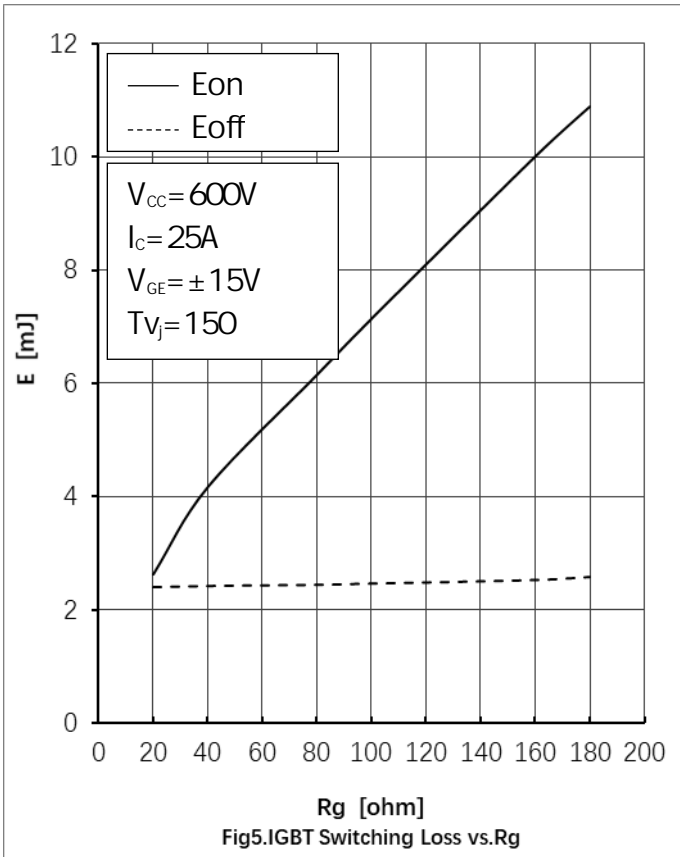


Fig4.IGBT Switching Loss vs.Ic

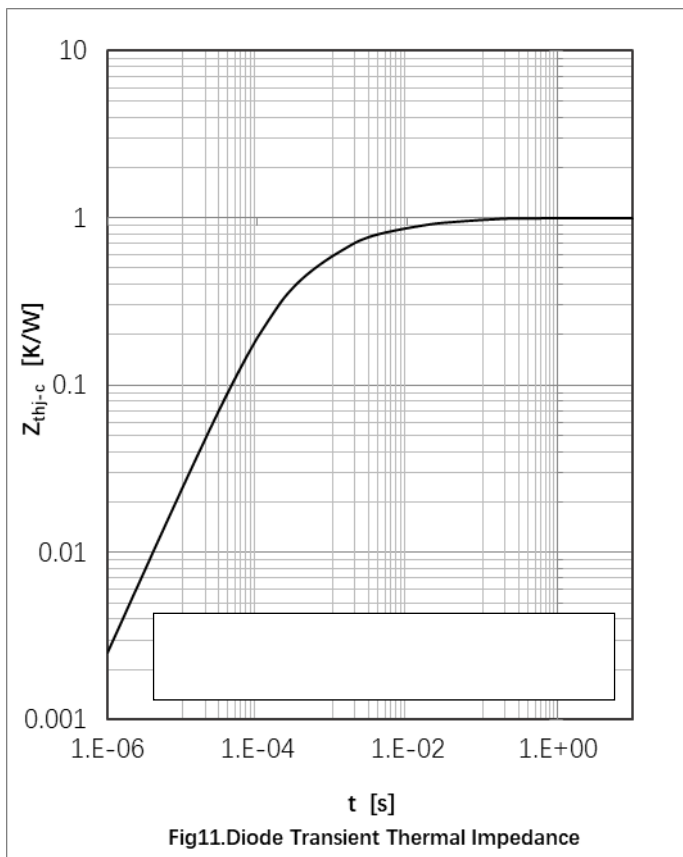
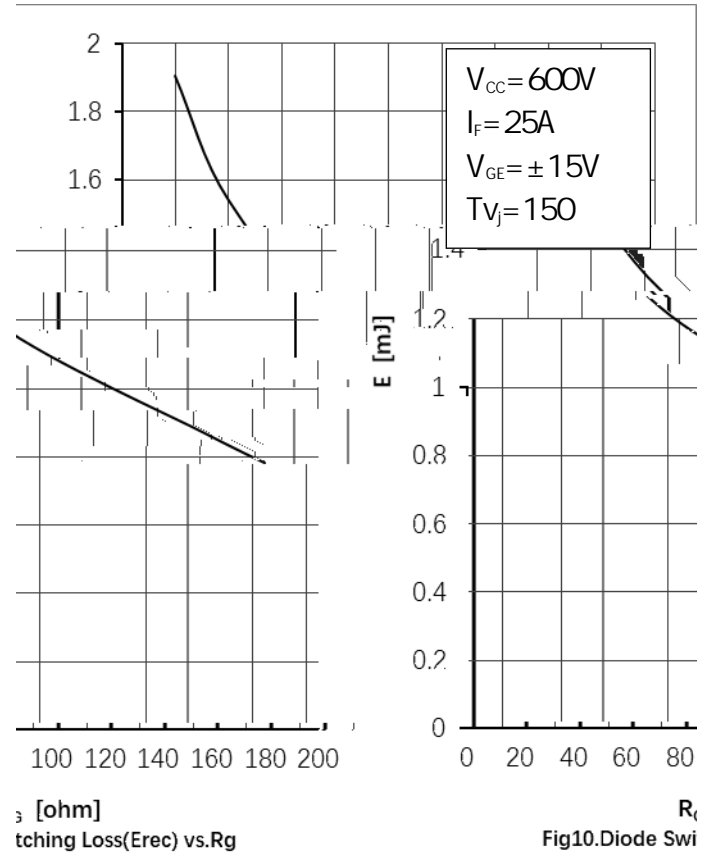
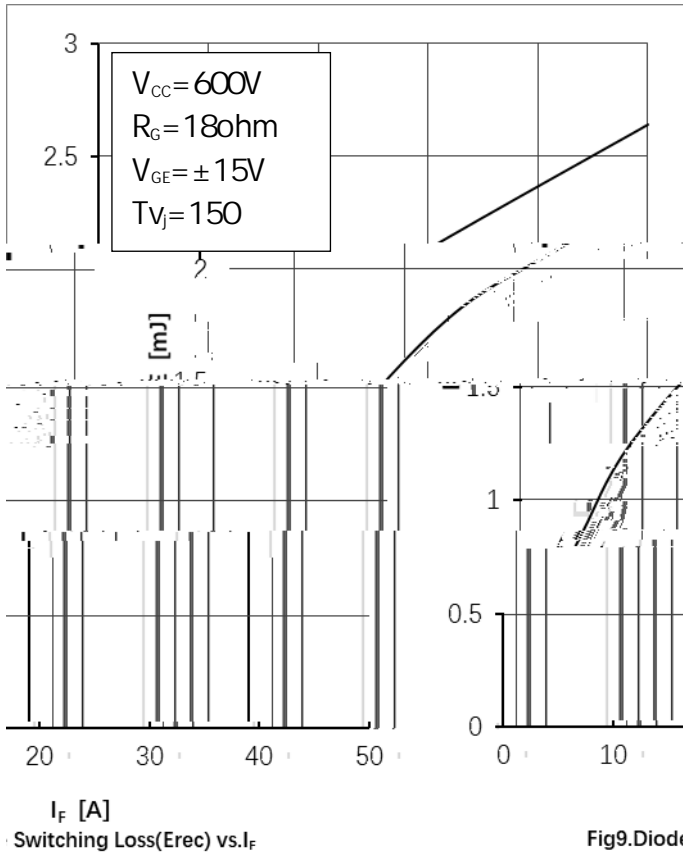


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v3DFNDJH 2XWOLQH ,QIRUPDWLRQ

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