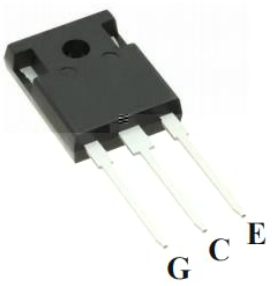
DGW15N120CTLS



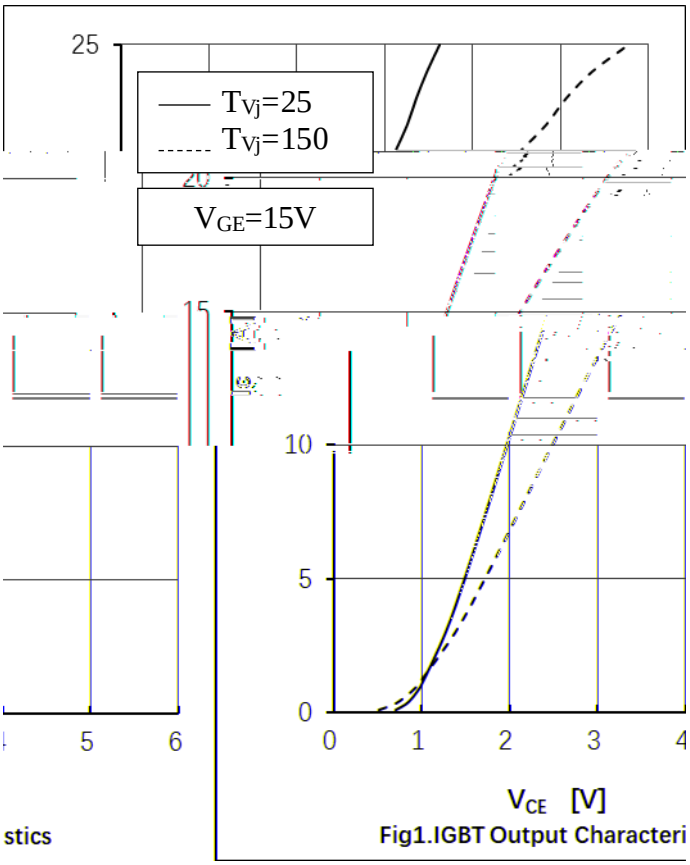
Maximum Ratings

Electrical Characteristics of the Diode T_j= 25 unless otherwise specified

Parameter	Symbol	Conditions	Min.	Typ.	Max.	Unit
Static						
Diode Forward Voltage						

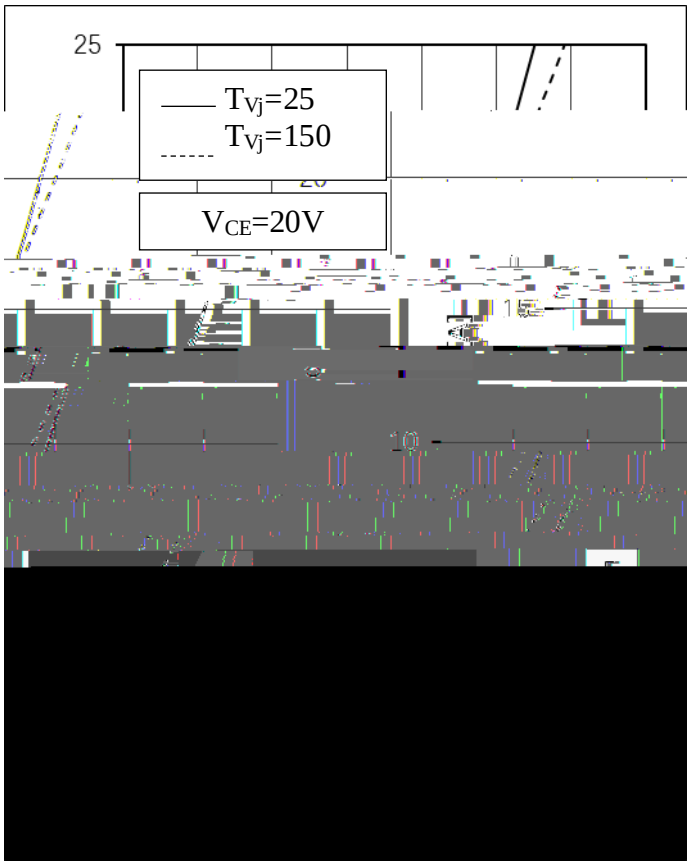
Electrical Characteristics of the DIODE

Parameter	Symbol	Conditions	Min.	Typ.	Max.



stics

Fig1.IGBT Output Characteri



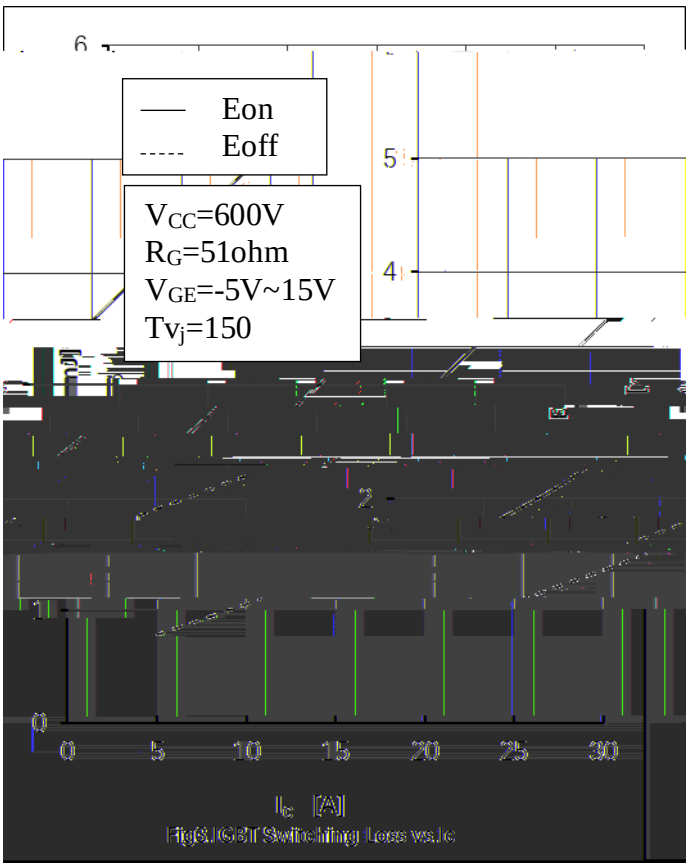
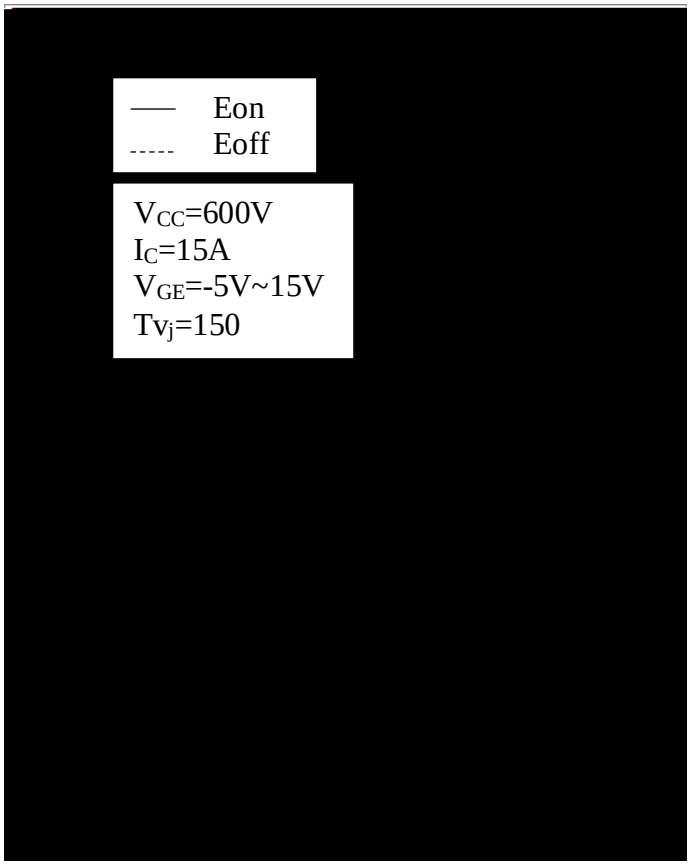
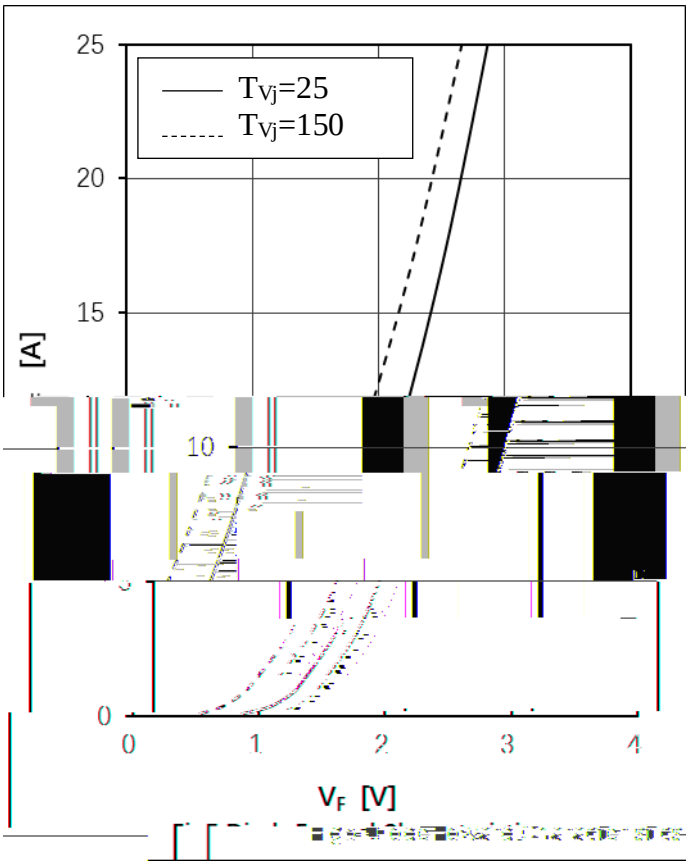
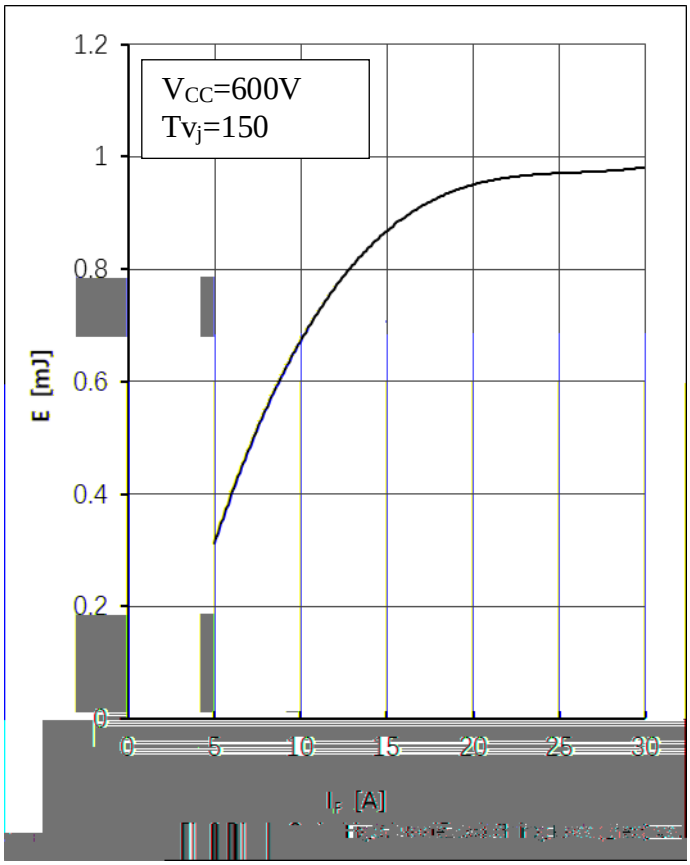


Fig3.IGBT Switching Loss vs.Ic







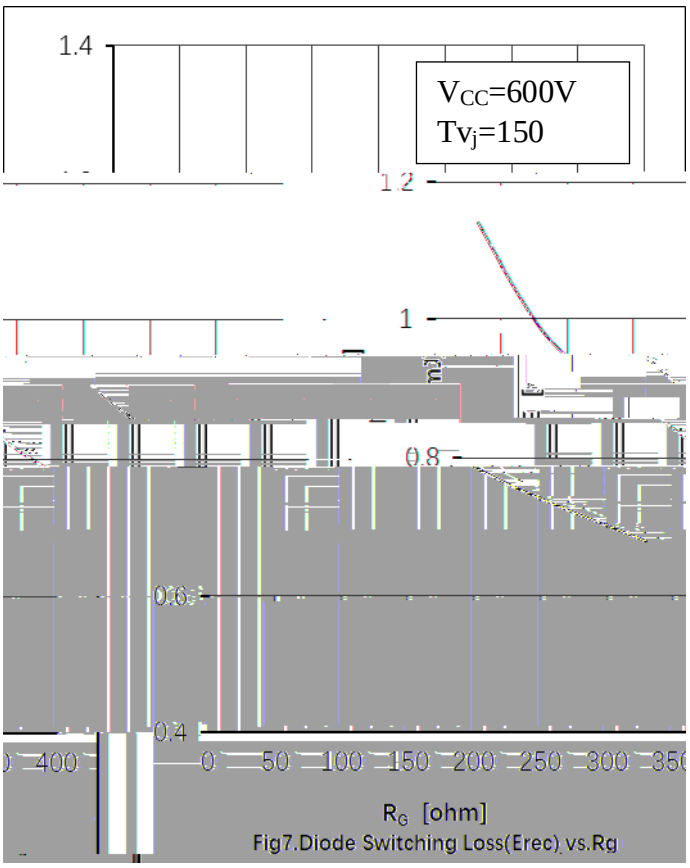
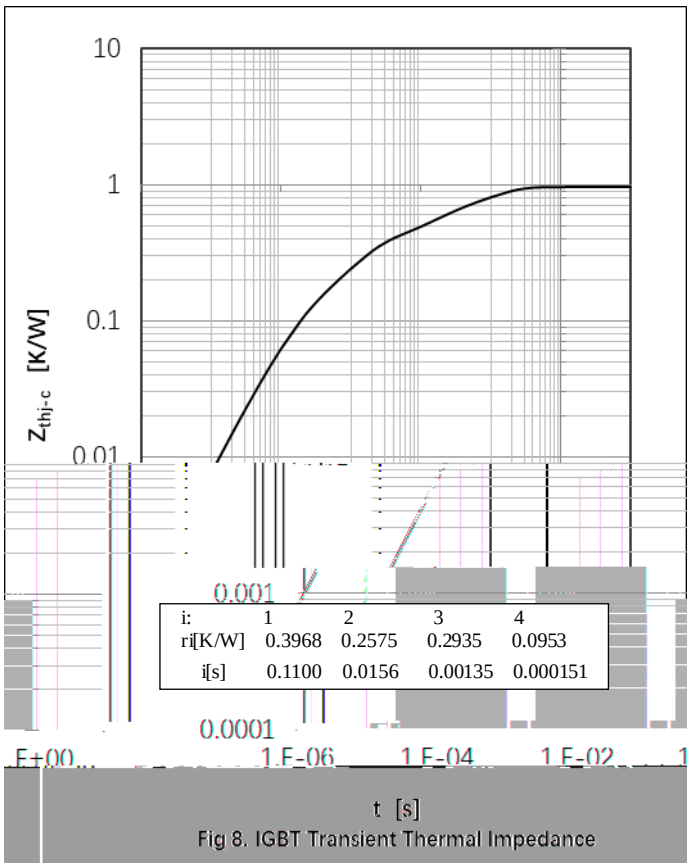
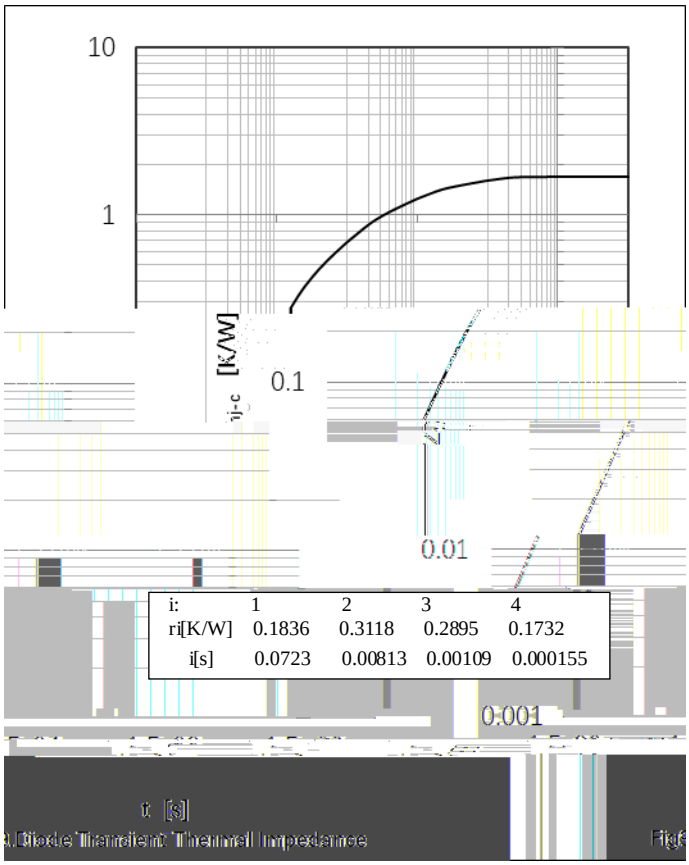


Fig7.Diode Switching Loss(Erec) vs.Rg



i:	1	2	3	4
ri[K/W]	0.3968	0.2575	0.2935	0.0953
i[s]	0.1100	0.0156	0.00135	0.000151

Fig 8. IGBT Transient Thermal Impedance



i:	1	2	3	4
ri[K/W]	0.1836	0.3118	0.2895	0.1732
i[s]	0.0723	0.00813	0.00109	0.000155

Fig.6 Diode Transient Thermal Impedance