

IGBT Discrete

V_{CE}	1200	V
I_C	25	A
$V_{CE(SAT)}$ $I_C=25A$	1.85	V

Circuit

Applications

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Features

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Maximum Ratings

Parameter	Symbol	Value	Unit



DGW25N120CTL

Electrical Characteristics of the IGBT

Parameter	Symbol	Conditions	Min.	Typ.	Max.	Unit
Static						

Parameter	Symbol	Conditions	Min.	Typ.	Max.	Unit
Dynamic						



DGW25N120CTL

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 $T_j = 150$						



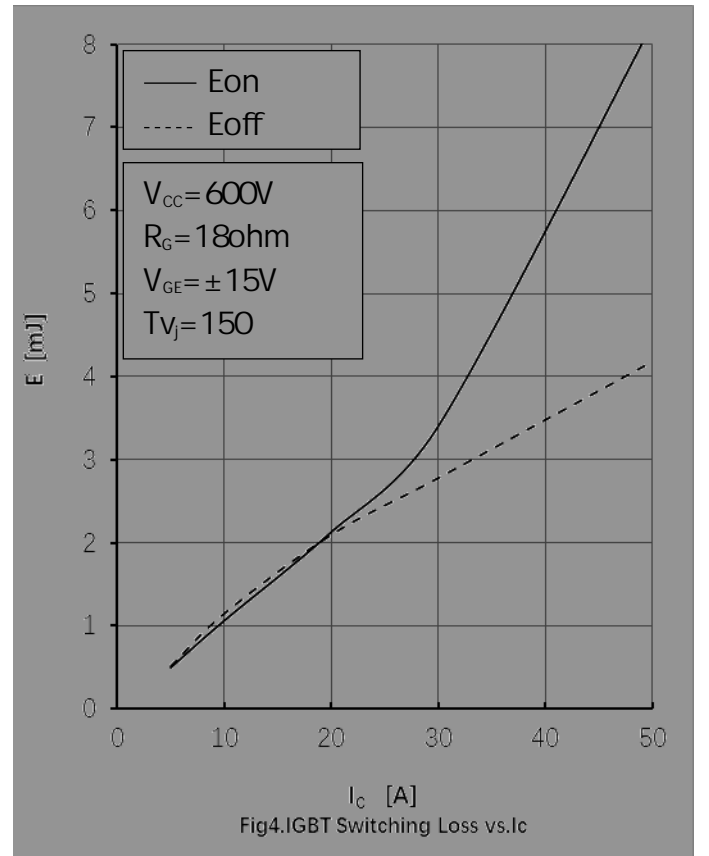
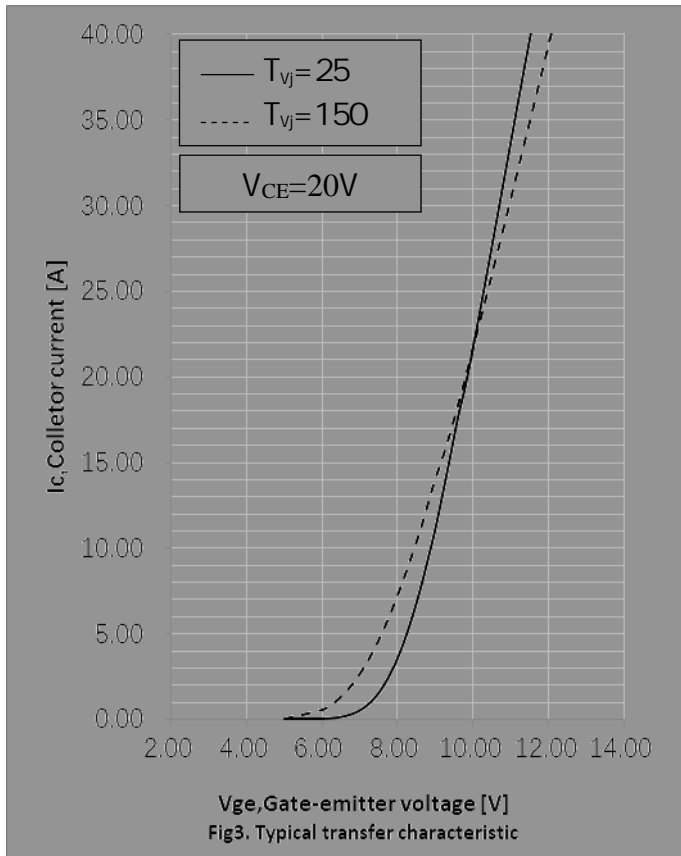
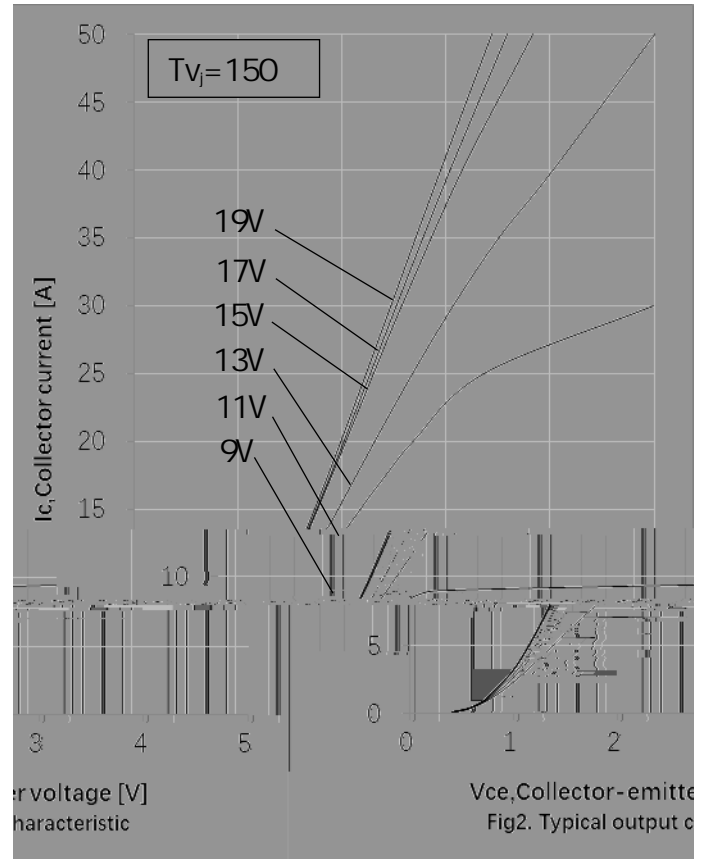
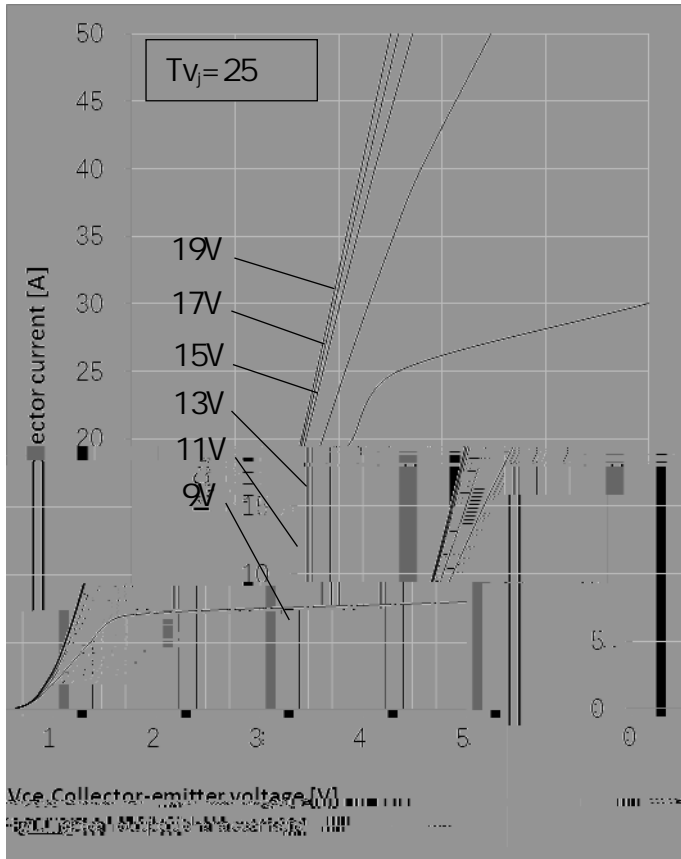
DGW25N120CTL

Electrical Characteristics of the DIODE

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

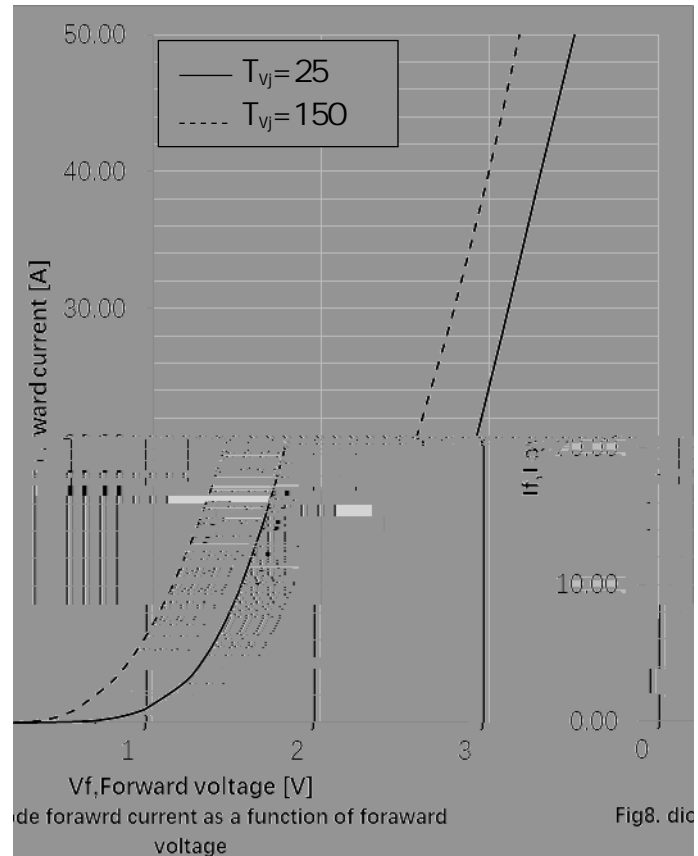
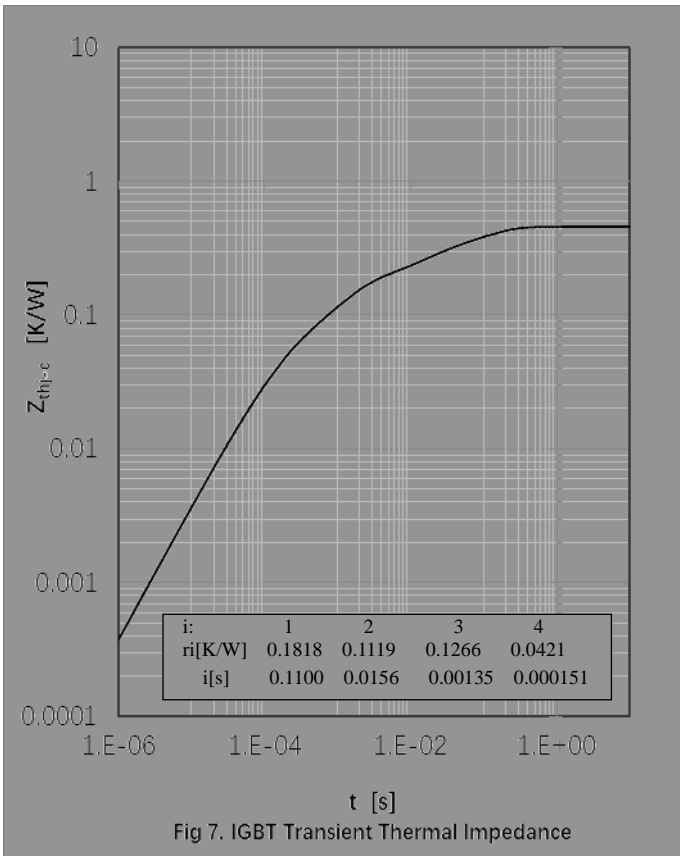
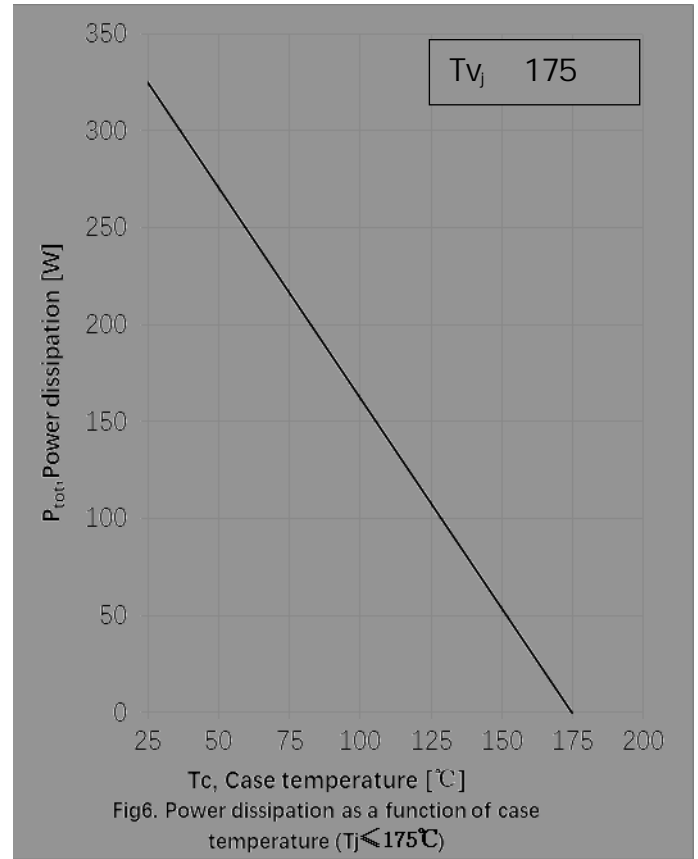
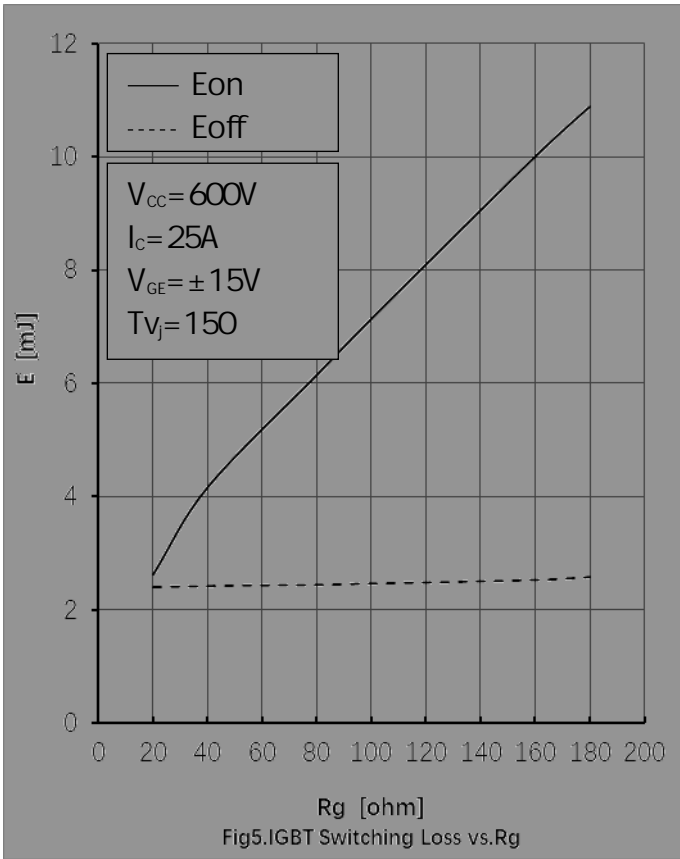


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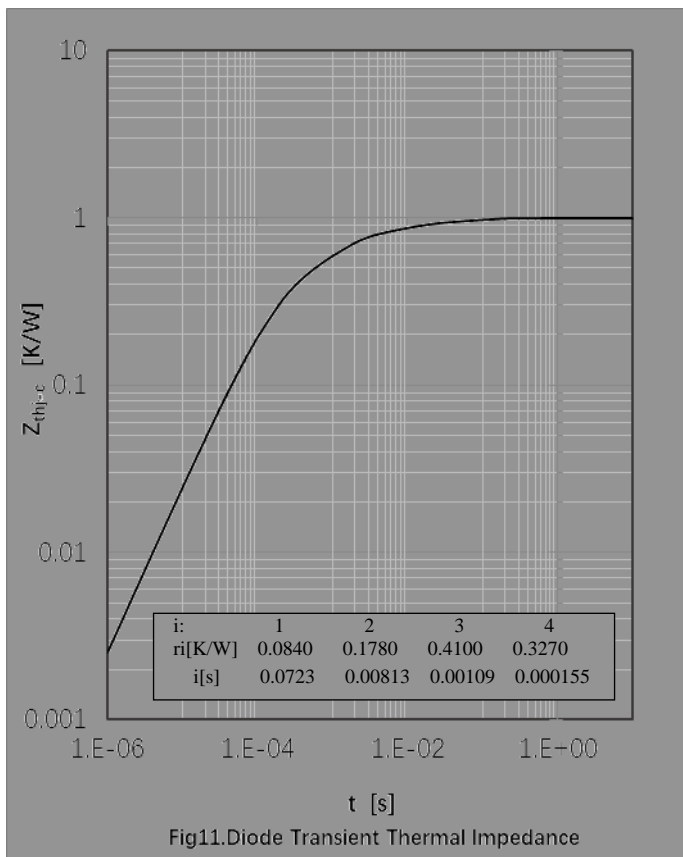
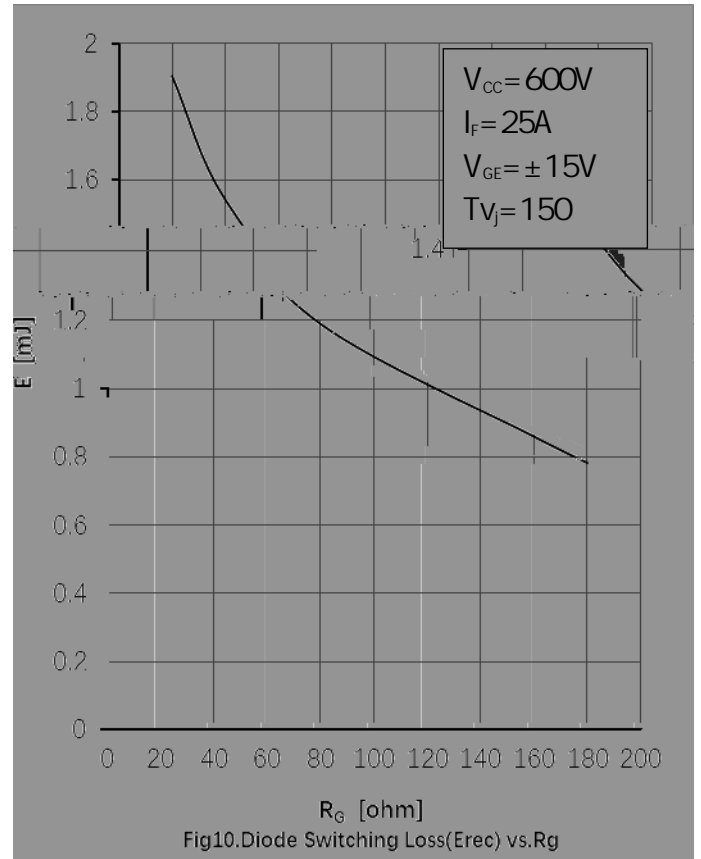
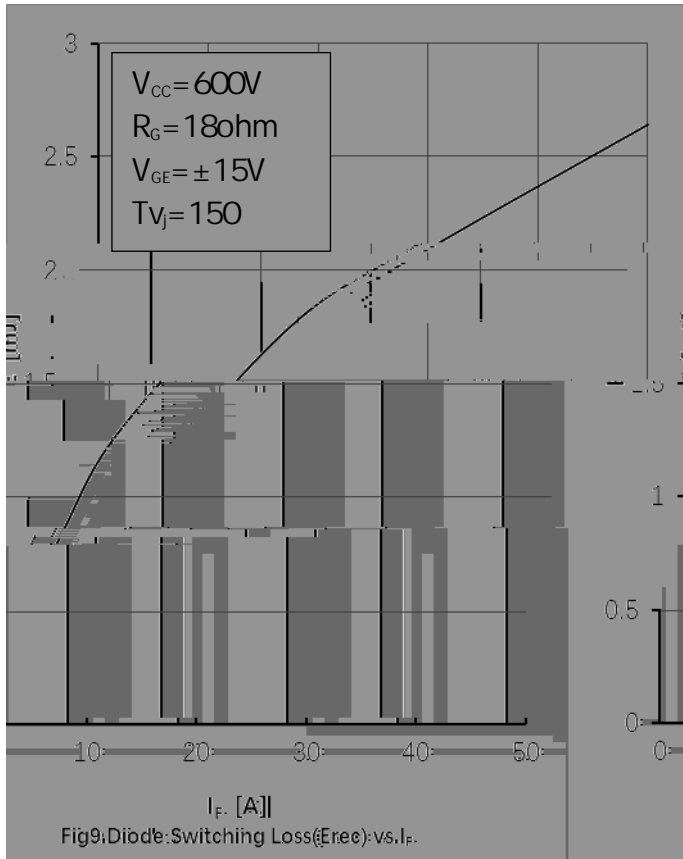


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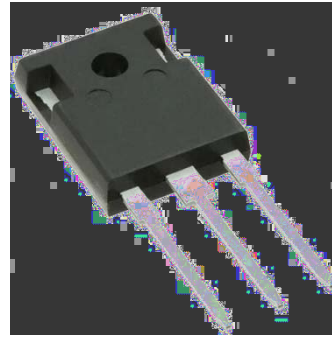
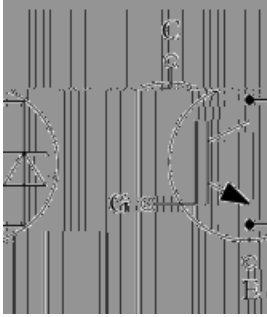
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Circuit Diagram



Package Outline Information

