



# DGP20N65CTL0



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## Electrical Characteristics of the IGBT $T_j = 25$ unless otherwise specified

Parameter	Symbol
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## Electrical Characteristics of the Diode $T_j = 25$ unless otherwise specified

Parameter	Symbol	Conditions	Min.	Typ.	Max.	Unit
<b>Static</b>						
Diode Forward Voltage	$V_F$	$I_F = 20A$ $T_j = 25^\circ C$ , $T_j = 125^\circ C$ $T_j = 150^\circ C$		2.00 1.80 1.70	2.50	V

Swi G[6 0 59.681.2 reEang (en-S)BDC 216.65 620M6.9Tm0 g0 G(S)-144.110.08Tf1 0 0 1 105.71Tm0



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## Electrical Characteristics of the DIODE

Parameter	Symbol	Conditions	Min.	Typ.	Max.	Unit
<b>Dynamic , at <math>T_j = 25</math></b>						
Reverse Recovery Current	$I_{rr}$	$I_F = 20A,$ $V_R = 300V,$ $-di/dt = 360$	-	6	47.08	



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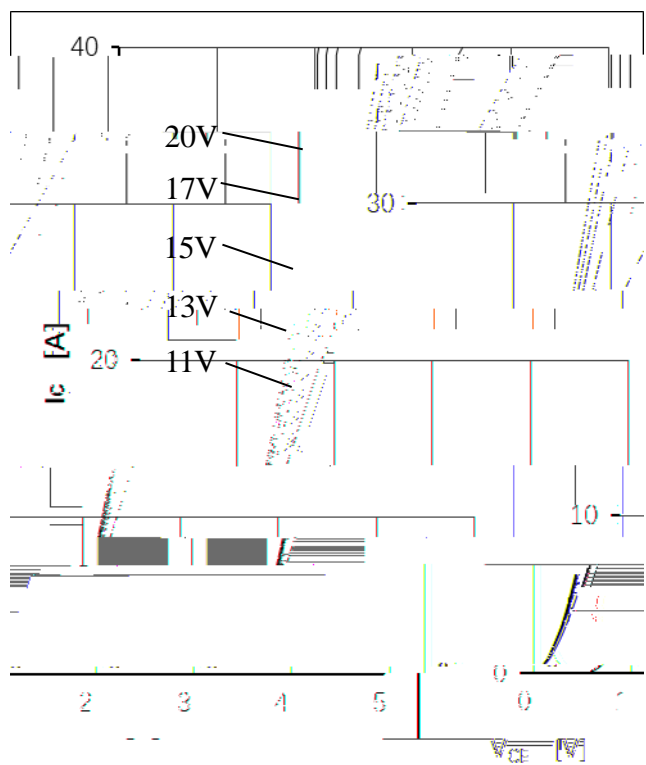


Fig1. IGBT Output Characteristics

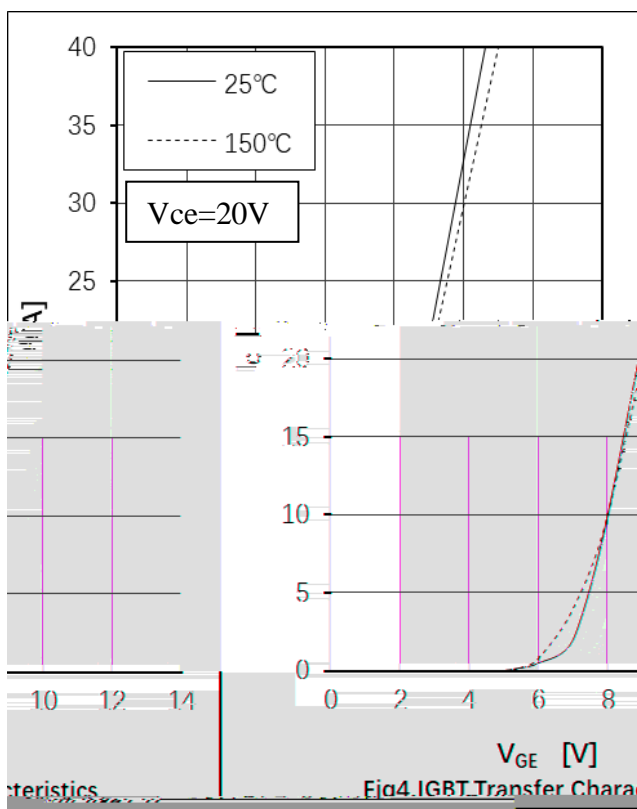
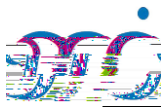
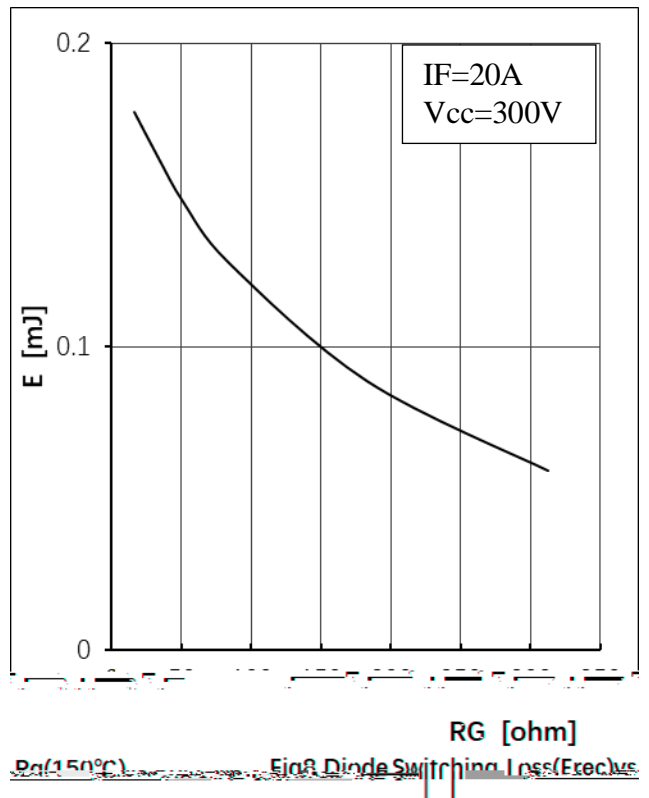
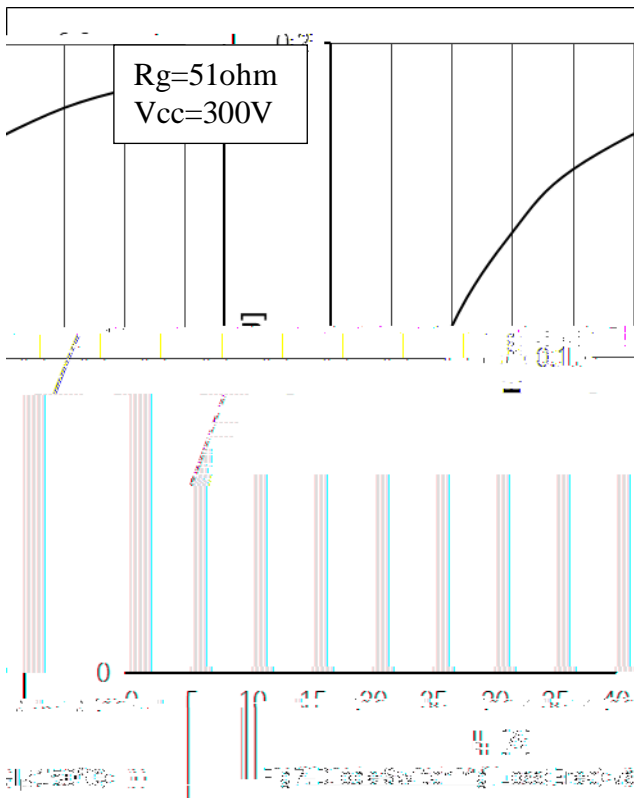
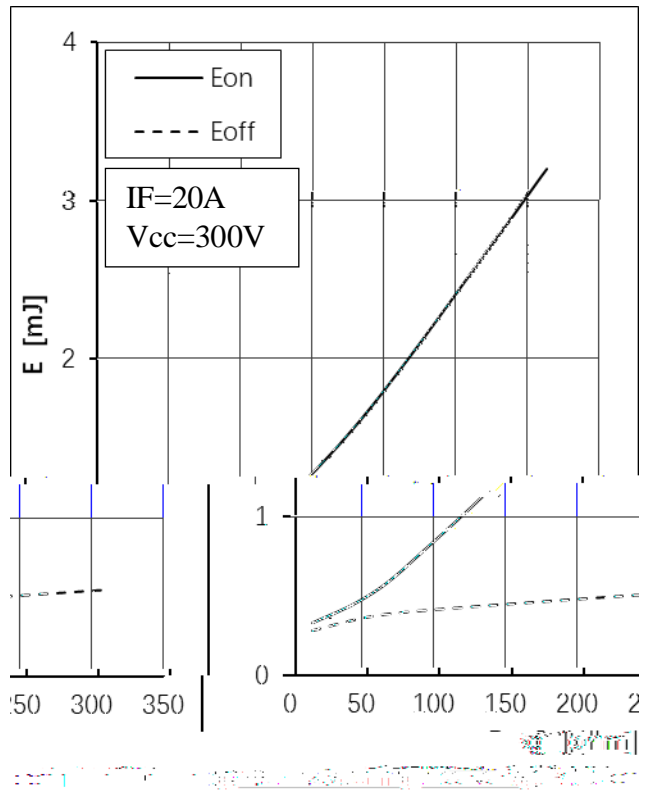
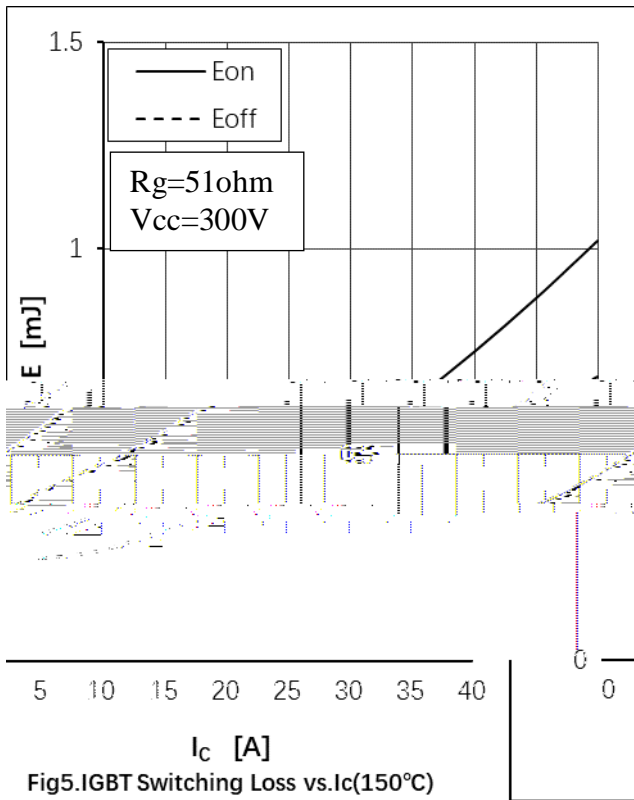


Fig4. IGBT Transfer Characteristics



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