

D

(T_C =25°C)

Parameter	Symbol	Rating	Unit
Drain-Source Voltage	V _{DS}	65	V
Gate-Source Voltage	V _{GS}	±20	V
Continuous Drain Current	I _D @T _C =25°C	18	A
	I _D @T _C =75°C	13.6	A
	I _D @T _C =100°C	11	A
Pulsed Drain Current ③	I _{DM}	50	A
Total Power Dissipation	P _D @T _C =25°C	4.0	W
Total Power Dissipation	P _D @T _A =25°C	0.83	W
Operating Junction Temperature	T _J	-55 to 150	°C
Storage Temperature	T _{STG}	-55 to 150	°C
Single Pulse Avalanche Energy			





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Fig.13 Switching Time Measurement Circuit

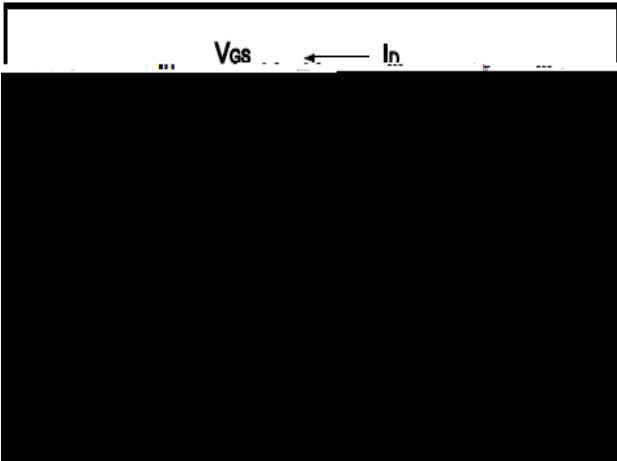
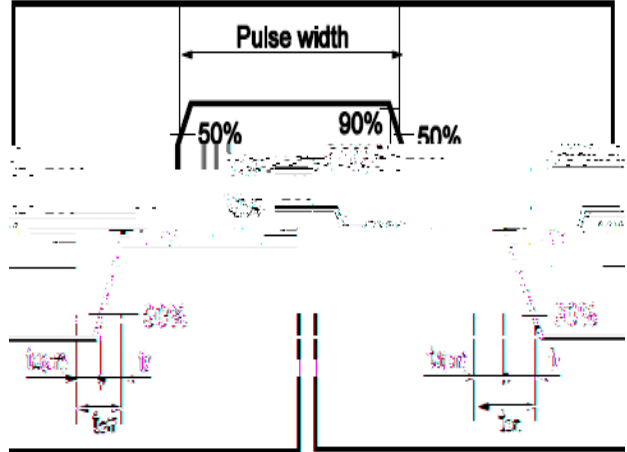


Fig.14 Gate Charge Waveform



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