●Ordering Information:

●Absolute Maximum Ratings T_C =25

Parameter	**Symbol**	Rating	Unit
Drain-Source Voltage	V_{DS}	60	V
Gate-Source Voltage	V_{GS}	±20	V
Continuous Drain Current	$I_{D@}$TC=25	100	A
	$I_{D@}$TC=75	76	A
	$I_{D@}$TC=100	63	A
Pulsed Drain Current	I_{DM}	260	A
Total Power Dissipation(TC=25)	P_D@TC=25	85	W
Total Power Dissipation(TA=25)	P_D@TA=25	3.4	W
Operating Junction Temperature	T_J	-55 to 150	
Storage Temperature	T_{STG}	-55 to 150	

Fig.1 Gate-Charge Characteristics

Fig.2 Capacitance Characteristics

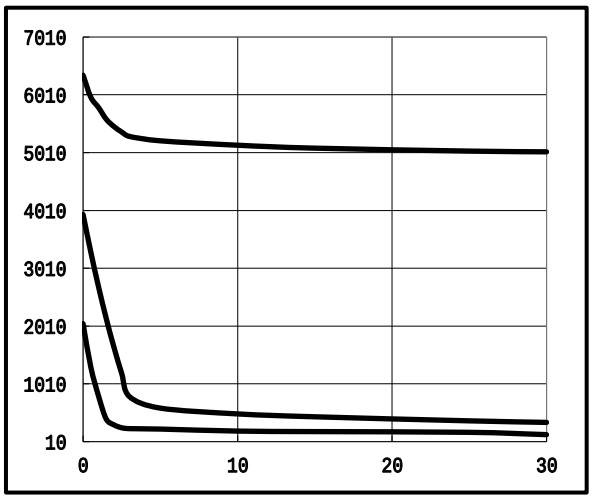

Fig.7 On-Resistance VS Gate Source Voltage

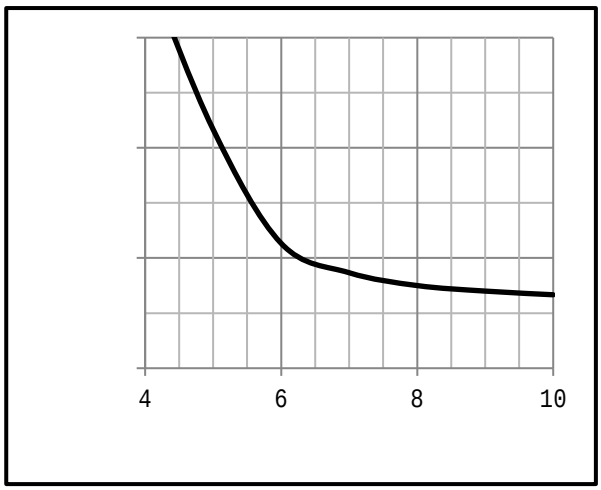

Fig.8 On-Resistance V.S Junction Temperature

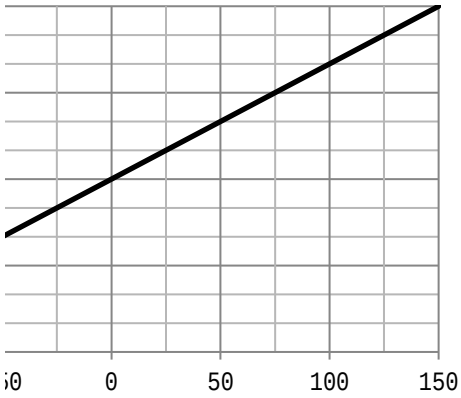

Fig.9 Switching Time Measurement Circuit

Fig.10 Gate Charge Waveform

Fig.11Switching Time Measurement Circuit

Fig.12 Gate Charge Waveform

●Dimensions DFN5×6

Unit mm