

Electrical Characteristics @ 25°C (Unless Otherwise Specified)

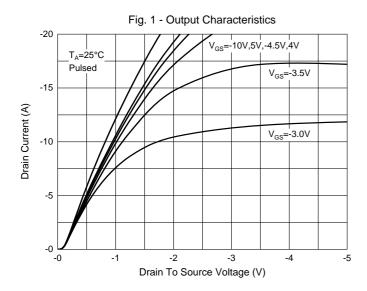
Parameter	Symbol	Test Conditions	Min	Тур	Max	Unit	
Static Characteristics							
Drain-Source Breakdown Voltage	V _{(BR)DSS}	V _{GS} =0V, I _D =-250μA	-30			V	
Gate-Source Leakage Current	I _{GSS}	V _{DS} =0V, V _{GS} =±20V			±100	nA	
Zero Gate Voltage Drain Current	I _{DSS}	V _{DS} =-24V, V _{GS} =0V			-1	μA	
Gate-Threshold Voltage	V _{GS(th)}	V _{DS} =V _{GS} , I _D =-250μA	-1	-1.4	-3	V	
Drain-Source On-Resistance ^(Note 2)	R _{DS(on)}	V _{GS} =-10V, I _D =-4.1A		36	49	mΩ	
		V _{GS} =-4.5V, I _D =-3A		52	65		
Diode Forward Voltage ^(Note 2)	V _{SD}	V _{GS} =0V, I _S =-1A			-1.2	V	
Forward tranconductance (Note 2)	g _{FS}	V _{DS} =-5V, I _D =-4A	5.5			S	
Dynamic Characteristics(Note 3)			·				
Input Capacitance	C _{iss}	V _{DS} =-15V,V _{GS} =0V,f=1MHz		700		pF	
Output Capacitance	C _{oss}			120			
Reverse Transfer Capacitance	C _{rss}			75			
Turn-On Delay Time	t _{d(on)}	V_{GS} =-10V, V_{DS} =-15V, R_L =3.6 Ω , R_{GEN} =3 Ω		8.6		- ns	
Turn-On Rise Time	t _r			5			
Turn-Off Delay Time	t _{d(off)}			28.2			
Turn-Off Fall Time	t _f			13.5			

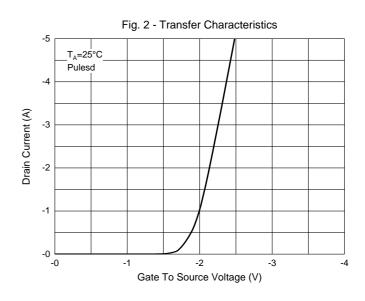
Note 2. Pulse Test : Pulse Width≤300µs, Duty Cycle ≤2%.

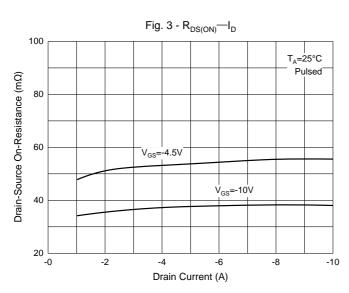
^{3.} These parameters have no way to verify.

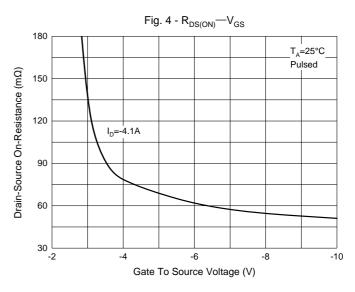


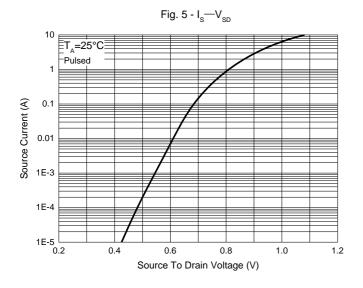
Curve Characteristics

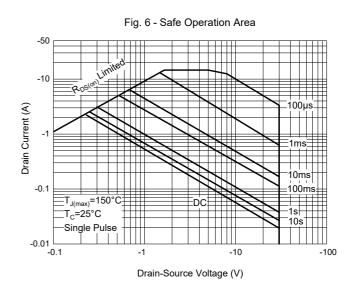














Ordering Information

Device	Packing		
Part Number-TP	Tape&Reel: 3Kpcs/Reel		

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