

Electrical Characteristics @ 25°C (Unless Otherwise Specified)

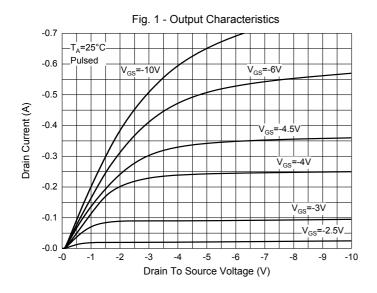
Parameter	Symbol	Test Conditions	Min	Тур	Max	Unit
Static Characteristics	•			1		
Drain-Source Breakdown Voltage	V _{(BR)DSS}	V _{GS} =0V, I _D =-250μA	-50			V
Gate-Source Leakage Current	I _{GSS}	V _{DS} =0V, V _{GS} =±20V			±5	μΑ
Zero Gate Voltage Drain Current	I _{DSS}	V _{DS} =-50V, V _{GS} =0V			-15	μΑ
		V _{DS} =-25V, V _{GS} =0V			-0.1	μΑ
Gate-Threshold Voltage ^(Note 2)	V _{GS(th)}	$V_{DS}=V_{GS}$, $I_{D}=-250\mu A$	-0.9		-2	V
Drain-Source On-Resistance ^(Note 2)	R _{DS(on)}	V _{GS} =-5V, I _D =-0.1A			10	Ω
		V _{GS} =-10V, I _D =-0.1A			8	
Diode Forward Voltage ^(Note 2)	V _{SD}	V _{GS} =0V, I _S =-0.13A			-2.2	V
Forward Transconductance ^(Note 2)	9 _{FS}	V _{DS} =-25V, I _D =-100mA	50			mS
Dynamic Characteristics(Note 3)						
Input Capacitance	C _{iss}	V _{DS} =-25V,V _{GS} =0V,f=1MHz		30		pF
Output Capacitance	C _{oss}			10		
Reverse Transfer Capacitance	C _{rss}			5		
Switching Characteristics ^{(Note}	3)					
Turn-On Delay Time	t _{d(on)}	V_{DS} =-15V, R_L =50 Ω , I_D =-2.5A		2.5		- ns
Turn-On Rise Time	t _r			1		
Turn-Off Delay Time	t _{d(off)}			16		
Turn-Off Fall Time	t _f			8		

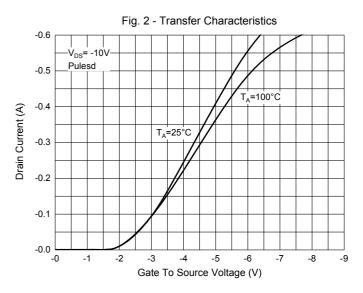
Note: 2. Pulse Test : Pulse Width≤80µs, Duty Cycle≤0.5%.

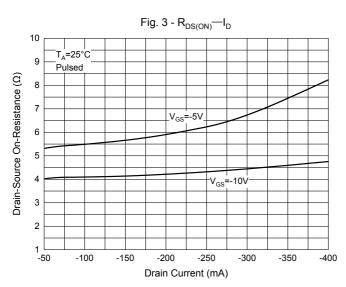
^{3.} Guaranteed by Design, Not Subject to Production Testing.

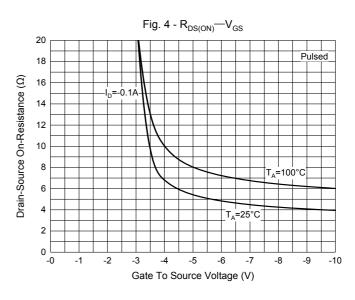


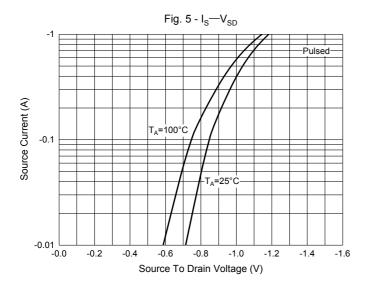
Curve Characteristics

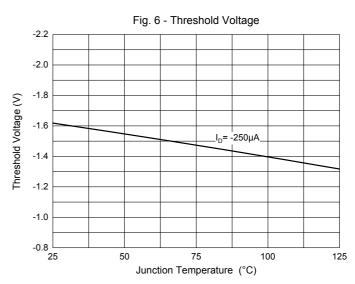














Ordering Information

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

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