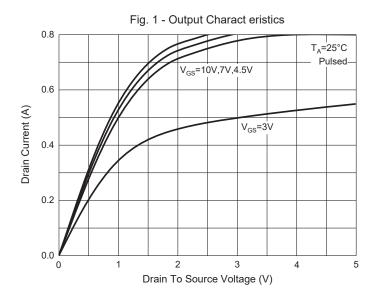


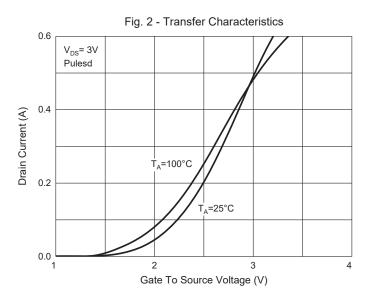
ELECTRICAL CHARACTERISTICS (Ta=25°C unless otherwise specified)

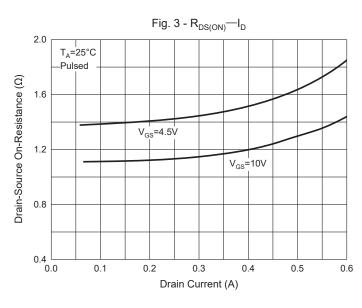
Parameter	Symbol	Test conditions	Min	Тур	Max	Unit
Static Characteristics			1			
Drain-Source Breakdown Voltage	V _{(BR)DSS}	V _{GS} =0V, I _D =250μA	60			V
Gate-Threshold Voltage	V _{GS(th)}	$V_{DS}=V_{GS}$, $I_D=250\mu A$	1.0	1.4	2.5	V
Zero Gate Voltage Drain Current	I _{DSS}	V _{DS} =48V, V _{GS} =0V			1.0	μΑ
Gate-Body Leakage Current	I _{GSS}	V _{GS} =±20V, V _{DS} =0V			±10	μΑ
		V _{GS} =±10V, V _{DS} =0V			±200	nA
		V _{GS} =±5V, V _{DS} =0V			±100	nA
Drain-Source On-Resistance	R _{DS(on)}	V _{GS} =10V, I _D =500mA		1.3	4.0	Ω
		V _{GS} =4.5V, I _D =200mA		1.4	4.5	
Recovered Charge	Q _r	V_{GS} =0V, I_{S} =300mA, V_{R} =25V dI/dt=-100A/ μ s		30		nC
Dynamic Characteristics					•	
Input Capacitance	C _{iss}	V _{DS} =10V,V _{GS} =0V, f=1MHz			40	pF
Output Capacitance	C _{oss}				30	
Reverse Transfer Capacitance	C _{rss}				10	
Switching Characteristics						
Turn-on Delay Time	t _{d(on)}	V_{DD} =25V, V_{GS} =10V, R_{L} =250 Ω ,			10	- ns
Turn-off Delay Time	t _{d(off)}	R_{GS} =50 Ω , R_{GEN} =25 Ω			15	
Reverse Recovery Time	t _{rr}	V _{GS} =0V, I _S =300mA,V _R =25V, dl/dt=-100A/µs		30		
Source-Drain Diode Characte	ristics		1			
Diode Forward Voltage	V _{SD}	V _{GS} =0V, I _S =200mA		0.97	1.5	V

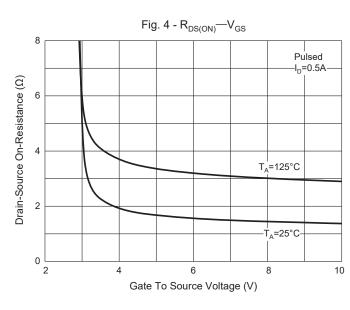


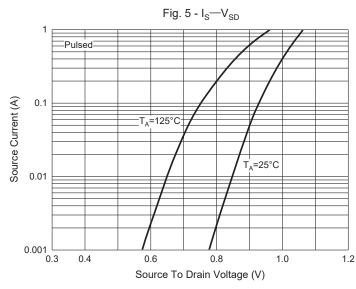
Curve Characteristics

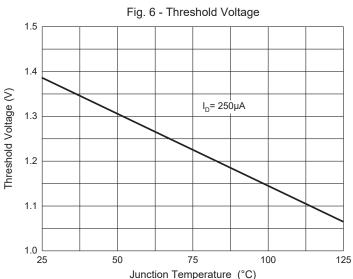














Ordering Information

Device	Packing		
Part Number-TP	Tape&Reel:8Kpcs/Reel		

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