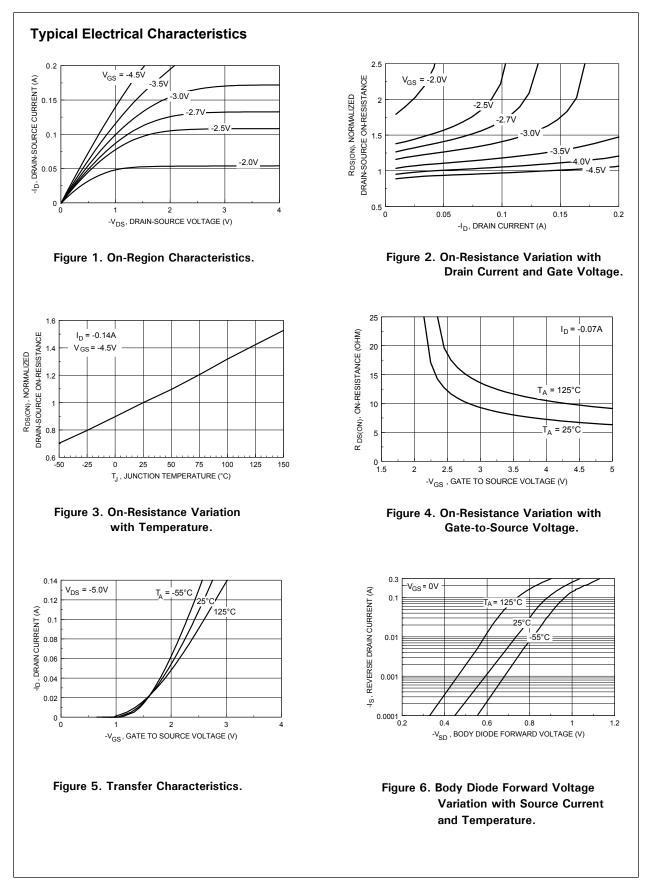
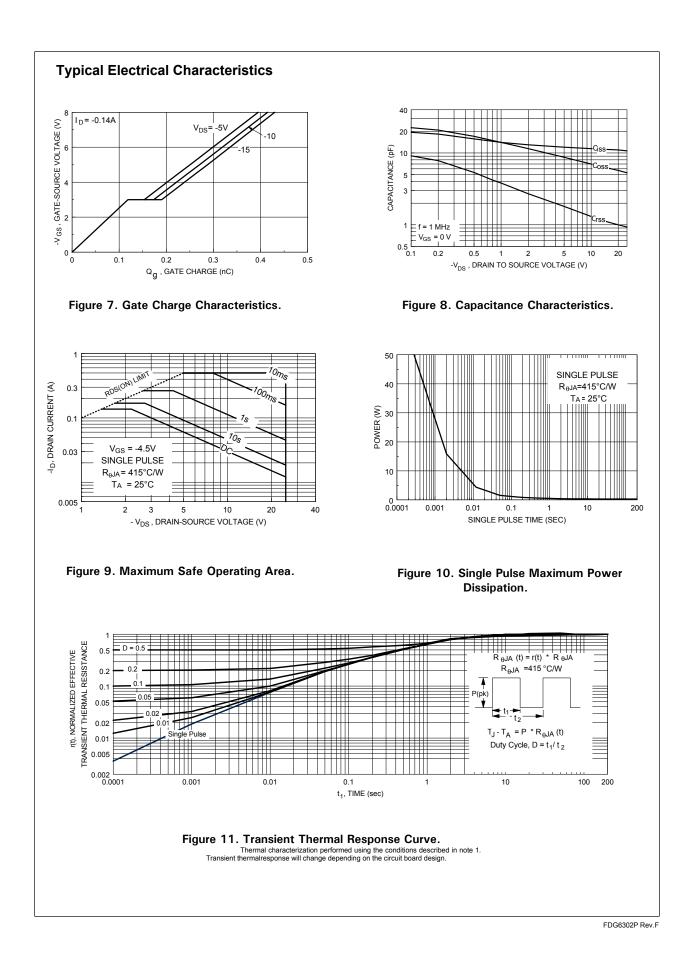


Symbol	Parameter	Conditions	Min	Тур	Max	Units
OFF CHAR	ACTERISTICS					•
BV _{DSS}	Drain-Source Breakdown Voltage	$V_{GS} = 0 V, I_{D} = -250 \mu A$	-25			V
$\Delta BV_{DSS}/\Delta T_{J}$	Breakdown Voltage Temp. Coefficient	I_{D} = -250 µA, Referenced to 25°C		-19		mV /°C
I _{DSS}	Zero Gate Voltage Drain Current	$V_{\rm DS} = -20 \text{V}, V_{\rm GS} = 0 \text{V}$			-1	μA
		T _J = 55°C			-10	μA
I _{GSS}	Gate - Body Leakage Current	$V_{GS} = -8 V, V_{DS} = 0 V$			-100	nA
ON CHARAC	CTERISTICS (Note 2)		11			
V _{GS(th)}	Gate Threshold Voltage	$V_{DS} = V_{GS}, I_{D} = -250 \ \mu A$	-0.65	-0.9	-1.5	V
$\Delta V_{GS(th)} / \Delta T_J$	Gate Threshold Voltage Temp.Coefficient	I_{D} = -250 µA, Referenced to 25°C		2		mV / °C
R _{DS(ON)}	Static Drain-Source On-Resistance	V _{GS} = -4.5 V, I _D = -0.14 A		7.3	10	Ω
		T _J =125°C		11	17	
		V _{GS} = -2.7 V, I _D = -0.05 A		10.4	13	
I _{D(ON)}	On-State Drain Current	$V_{GS} = -4.5 V, V_{DS} = -5 V$	-0.14			А
9 _{FS}	Forward Transconductance	$V_{\rm DS} = -5 V, I_{\rm D} = -0.14 A$		0.12		S
DYNAMIC C	HARACTERISTICS					
C _{iss}	Input Capacitance	$V_{DS} = -10 V, V_{GS} = 0 V,$ f = 1.0 MHz		12		pF
C _{oss}	Output Capacitance	f = 1.0 MHz		7		pF
C _{rss}	Reverse Transfer Capacitance			1.5		pF
SWITCHING	CHARACTERISTICS (Note 2)					
t _{D(on)}	Turn - On Delay Time	$V_{DD} = -5 V, I_{D} = -0.25 A,$		5	12	ns
ţ	Turn - On Rise Time	V_{GS} = -4.5 V, R_{GEN} = 6 Ω		8	16	ns
t _{D(off)}	Turn - Off Delay Time			9	18	ns
t _r	Tum - Off Fall Time			5	10	ns
Q _g	Total Gate Charge	$V_{DS} = -5 V, I_{D} = -0.14 A,$ $V_{GS} = -4.5 V$		0.22	0.31	nC
Q _{gs}	Gate-Source Charge	$v_{GS} = -4.5 V$		0.12		nC
Q _{gd}	Gate-Drain Charge			0.05		nC
DRAIN-SOU	RCE DIODE CHARACTERISTICS AND MAXIM	UM RATINGS	1			
l _s	Maximum Continuous Source Current				-0.25	A
V _{SD}	Drain-Source Diode Forward Voltage	$V_{GS} = 0 V, I_{S} = -0.25 A (Note 2)$		-0.8	-1.2	V

Notes:

1. R_{pk} is the sum of the junction-to-case and case-to-ambient thermal resistance where the case thermal reference is defined as the solder mounting surface of the drain pins. R_{pkc} is guaranteed $v_{\mu\nu}$ as the set of the set o





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