

At 25°C free air temperature:

Static Electrical Characteristics		NJ26 Process					Test Conditions
		Min	Typ	Max	Unit		
Gate Source Breakdown Voltage	$V_{(BR)GSS}$	- 30	- 40		V	$I_G = - 1 \mu A, V_{DS} = \emptyset V$	
Reverse Gate Leakage Current	I_{GSS}		- 10	- 100	pA	$V_{GS} = - 20V, V_{DS} = \emptyset V$	
Drain Saturation Current (Pulsed)	I_{DSS}	2		22	mA	$V_{DS} = 15V, V_{GS} = \emptyset V$	
Gate Source Cutoff Voltage	$V_{GS(OFF)}$	- 1		- 5	V	$V_{DS} = 15V, I_D = 1 nA$	

Dynamic Electrical Characteristics

Forward Transconductance	g_{fs}		6		mS	$V_{DS} = 15V, V_{GS} = \emptyset V$	f = 1 kHz
Input Capacitance	C_{iss}		4.3	5.0	pF	$V_{DS} = 15V, V_{GS} = \emptyset V$	f = 1 MHz
Feedback Capacitance	C_{rss}		1	1.5	pF	$V_{DS} = 15V, V_{GS} = \emptyset V$	f = 1 MHz
Equivalent Noise Voltage	\hat{e}_N		4		nV/ \sqrt{HZ}	$V_{DS} = 10V, I_D = 5 mA$	f = 1 kHz

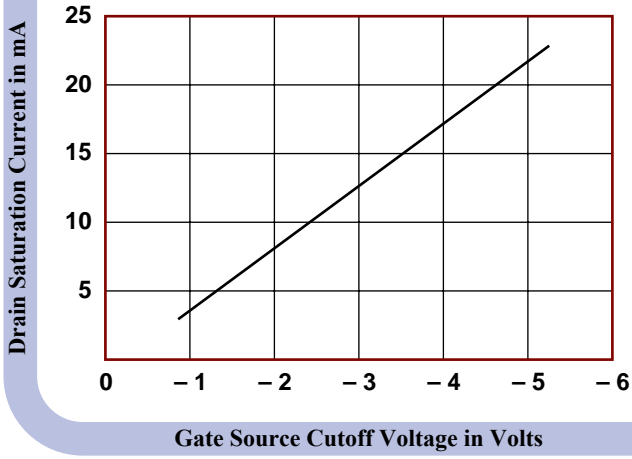


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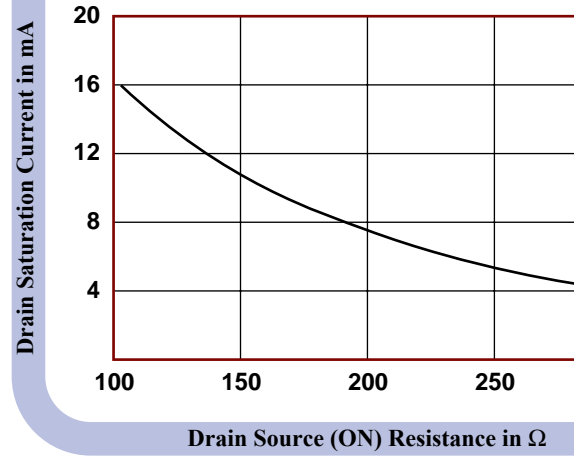
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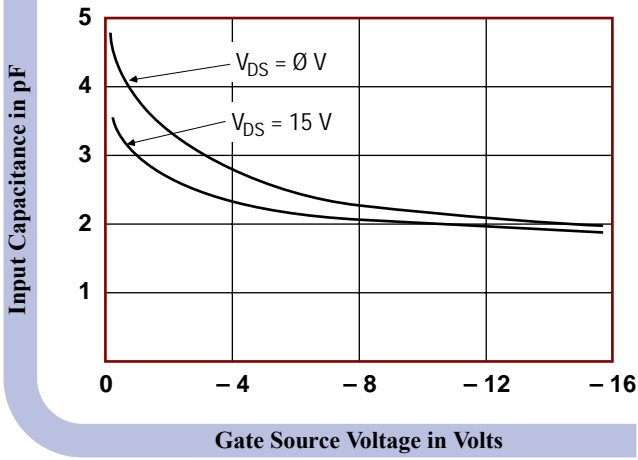
Drain Saturation Current as a Function of $V_{GS(OFF)}$



I_{DSS} as a Function of R_{DS}



Input Capacitance as a Function of V_{GS}



Feedback Capacitance as a Function of V_{GS}

