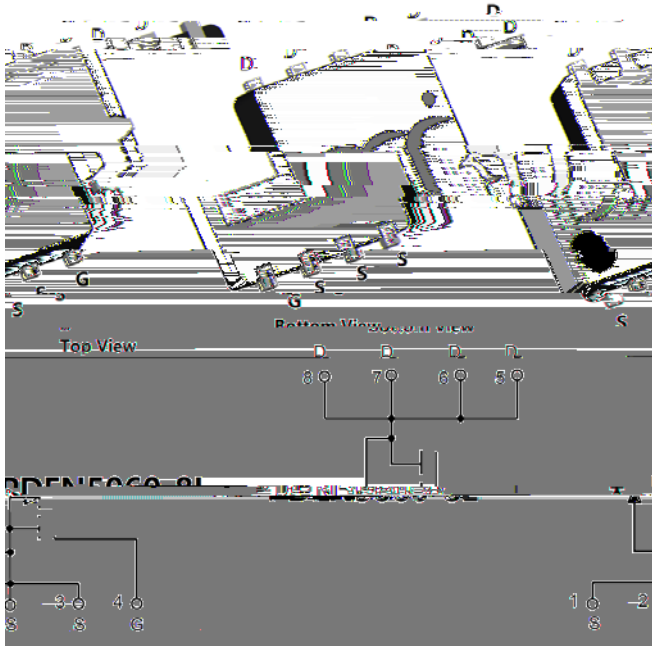




.....'B!7 \UbbY`9b \UbWY a Ybh' AcXY' : ]Y`X`9ZZYWh`HfUbg]ghcf`'''



DfcXiWh`Gi a aUfm`

$V_{DS}$  100V  
 $I_D$  120A

5dd`]WUh]cbg`

Power switching application  
Uninterruptible power supply  
PD charger  
DC-DC convertor

5Vgc`ihY`AUI]a i a`FUh]b[g`( $T_A=25$  °C)

			100	V
Gate-source Voltage		$V_{GS}$	±20	V
Drain Current	$T_C=25$	$I_D$	120	A
	$T_C=100$		76	
Pulsed Drain Current <sup>A</sup>		$I_{DM}$	480	A
Avalanche energy <sup>B</sup>		EAS	552	mJ
Total Power Dissipation <sup>C</sup>	$T_C=25$	$P_D$	108	W
	$T_C=100$		43	
Junction and Storage Temperature Range		$T_J, T_{STG}$	-55 +150	

			0.95	1.16	
--	--	--	------	------	--

CfXYf]b[ `:bZcf a Uh]cb`(Example)

					48 \$ 17,7 < S	'(/,9(5 < 02' (
YJG120G10BR	F1	G120G10BR	5000	10000	100000	13" reel





Hmd]WU`9`YWhf]WU`UbX`H\Yf a U`7\UfUWhYf]gh]Wg`8]U[fU ag`

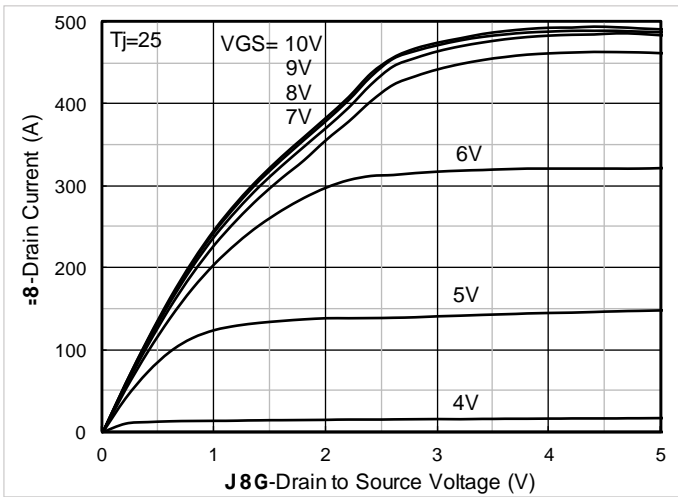


Figure1. Output Characteristics

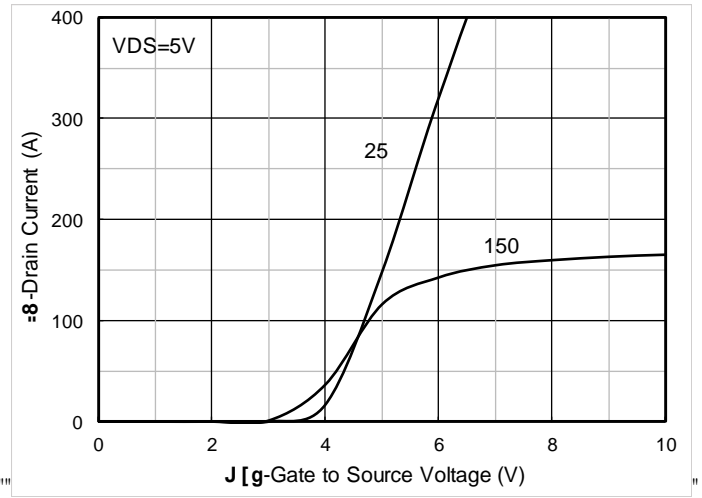
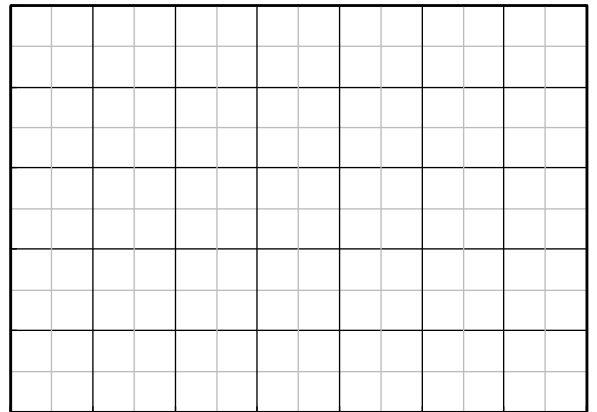
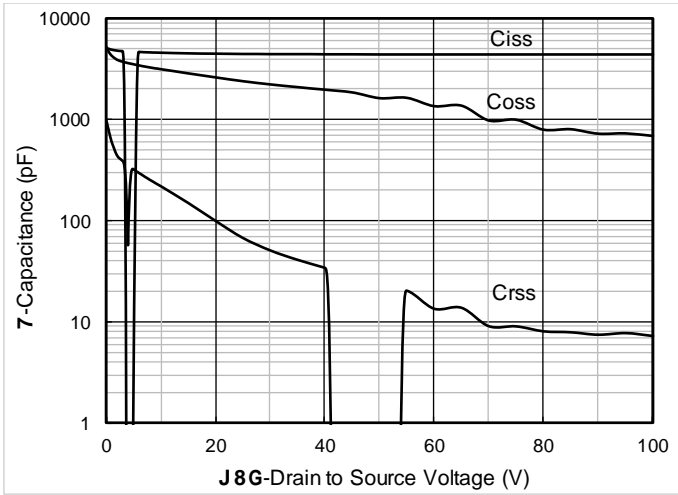


Figure2. Transfer Characteristics



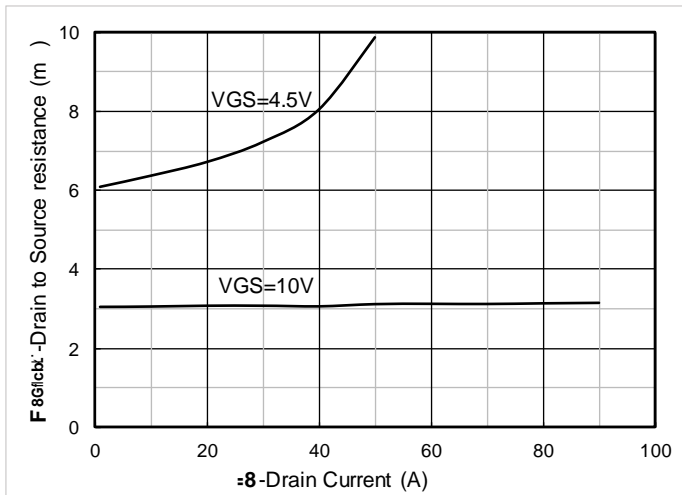


Figure7:  $R_{DS(on)}$  VS Drain Current

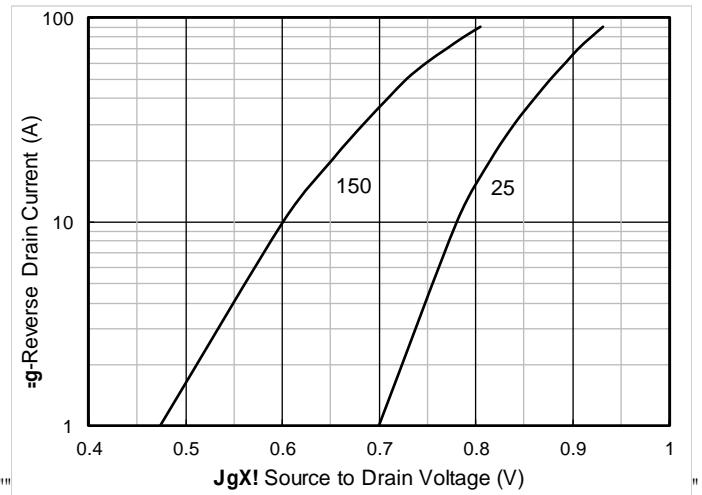
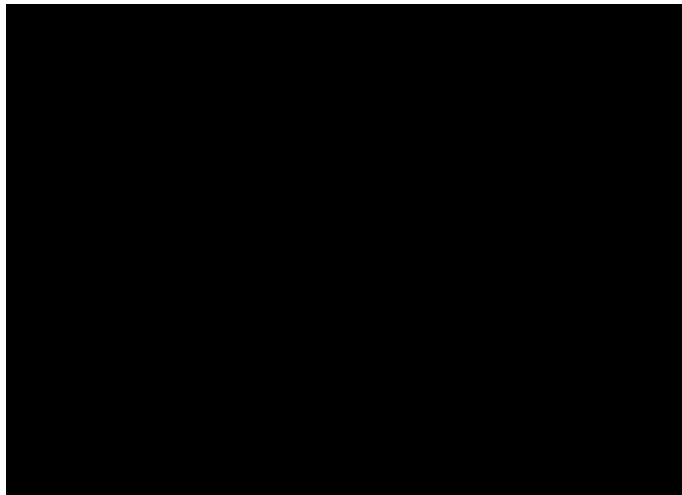


Figure8: Forward characteristics of reverse diode







D8 : B)\$\*\$!, @!8!\$" - )AA ``DUW\_U[Y]bZcf a Uh]cb

