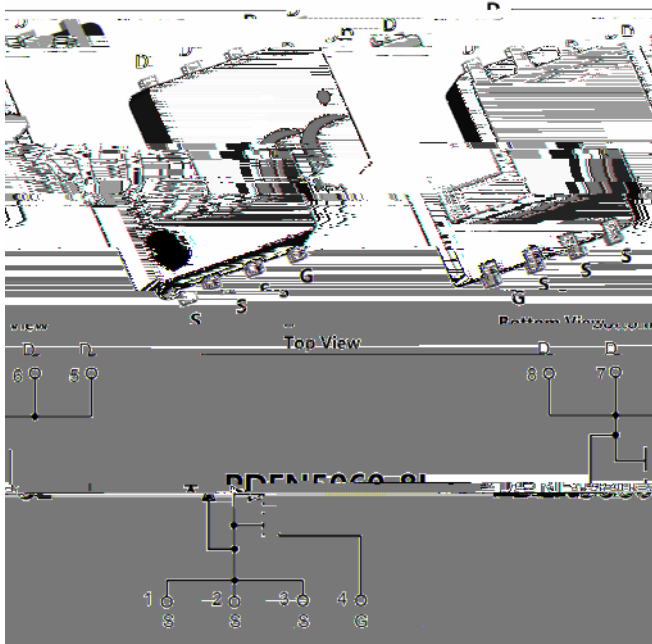




.....'B!7 \UbbY`9b \UbWY a Ybh' AcXY' : ]Y`X`9ZZYWh`HfUbg]ghcf`''



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 < 0 2 ' (
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`

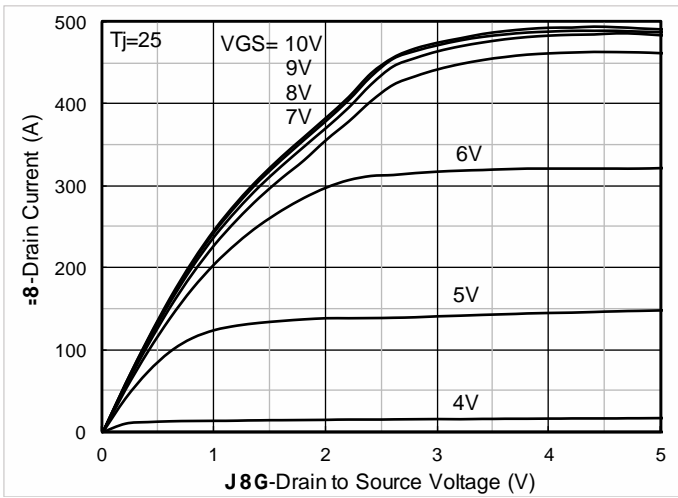


Figure1. Output Characteristics

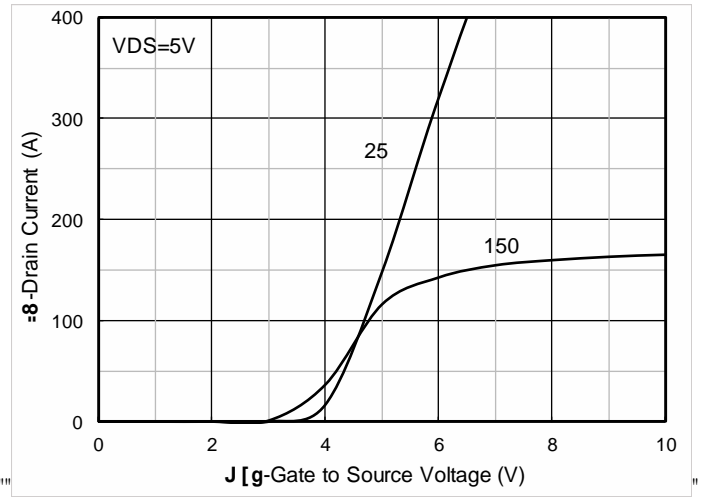
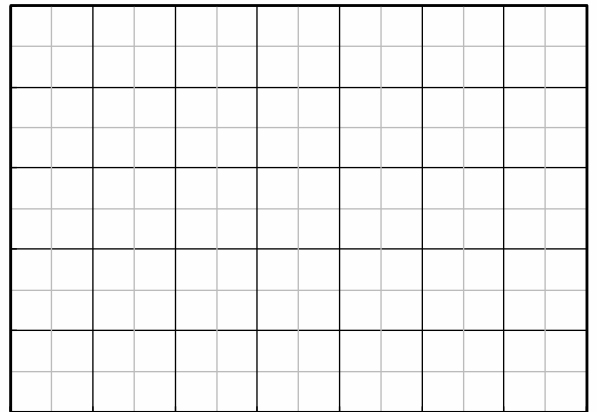
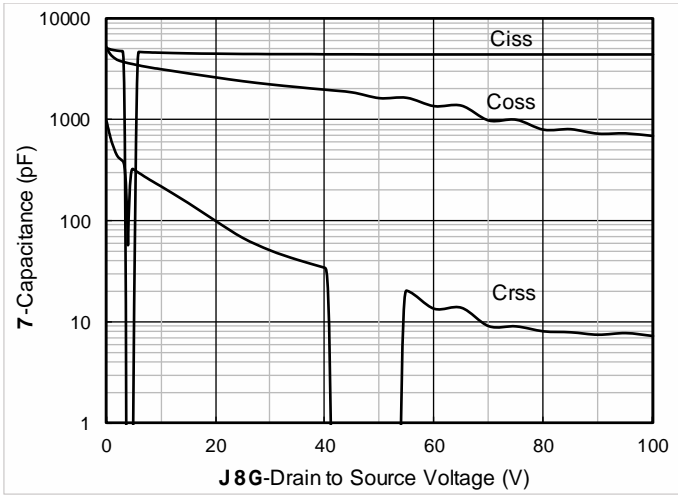


Figure2. Transfer Characteristics



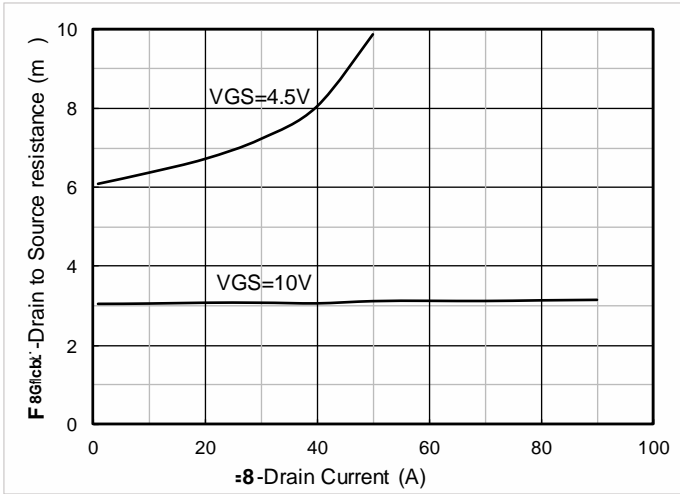


Figure7: R<sub>DS(on)</sub> VS Drain Current

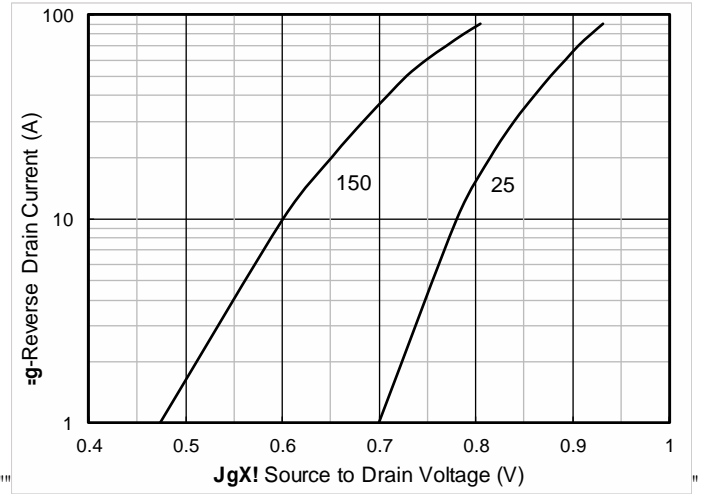
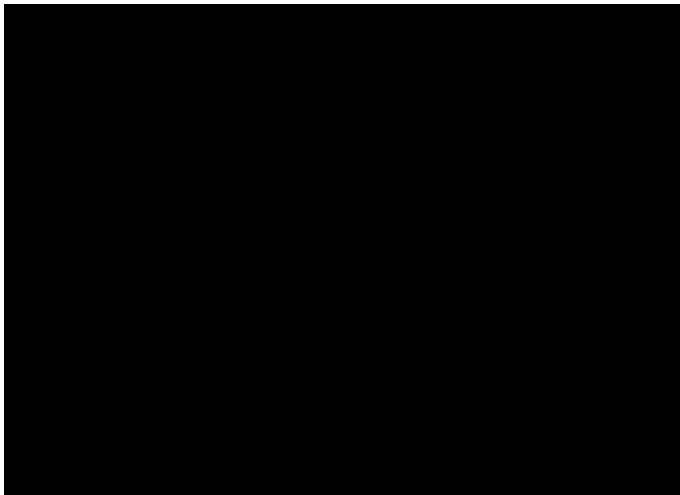


Figure8: Forward characteristics of reverse diode







M> ; %&\$ ; %\$6 F

D8 : B) \$\* \$! , @ ! 8 ! \$ " - ) A A " DUW \_ U [ Y ' ] b z c f a U h ] c b

