

SOP-8 .> // x P ?ú 3 Power Trench MOS « | • 'ož
 P-Channel Power Trench MOSFET in a SOP-8 Plastic Package.

z õ â > k • ¼ , † ½ k ä Å ?ú \$ Đ â z $R_{DS\ g\ ON}$ h k ä ä y v Ô ò ½ ož —) í D } ož
 Low gate charge, Fast switching speed, High performance trench technology for extremely, low $R_{DS(ON)}$, High power and current handling capability. Halogen-free Product.

> ' ò k ċ > • ¼ k P ' ož
 Power management, Load switch, Battery protection.

PIN10•PIN 20•PIN 3 y S PIN 4 y G

PIN50•PIN 60•PIN 70•PIN 8 y D

BRCS9435SC

Rev. I Jan.-2019

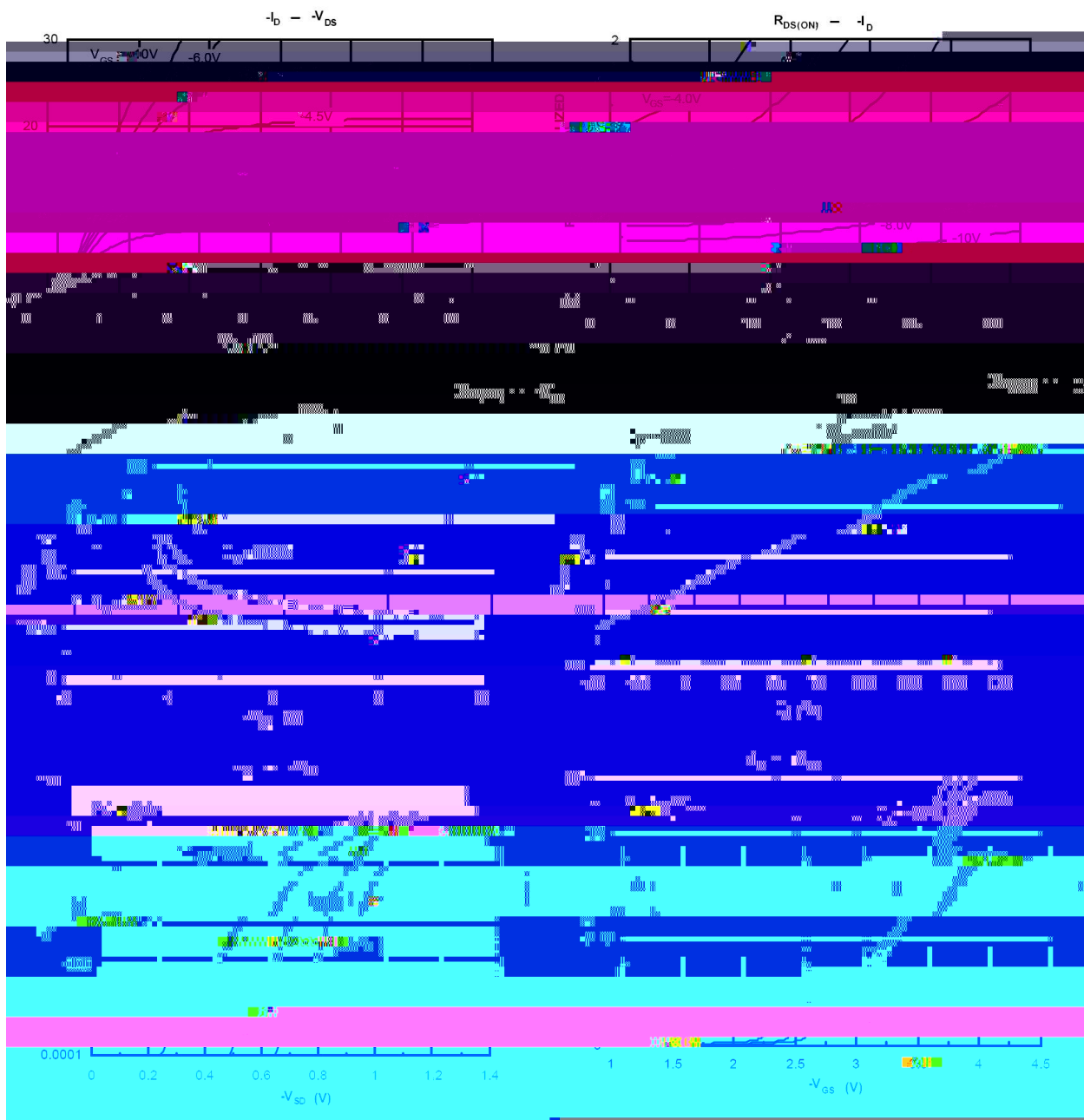
$@ f$ Parameter	$\dots Z$ Symbol	$f >$ Rating	$\% y$ Unit
Drain-Source Voltage	V_{DSS}	-30	V
Gate-Source Voltage			

Electrical Characteristics(Ta=25 ;)

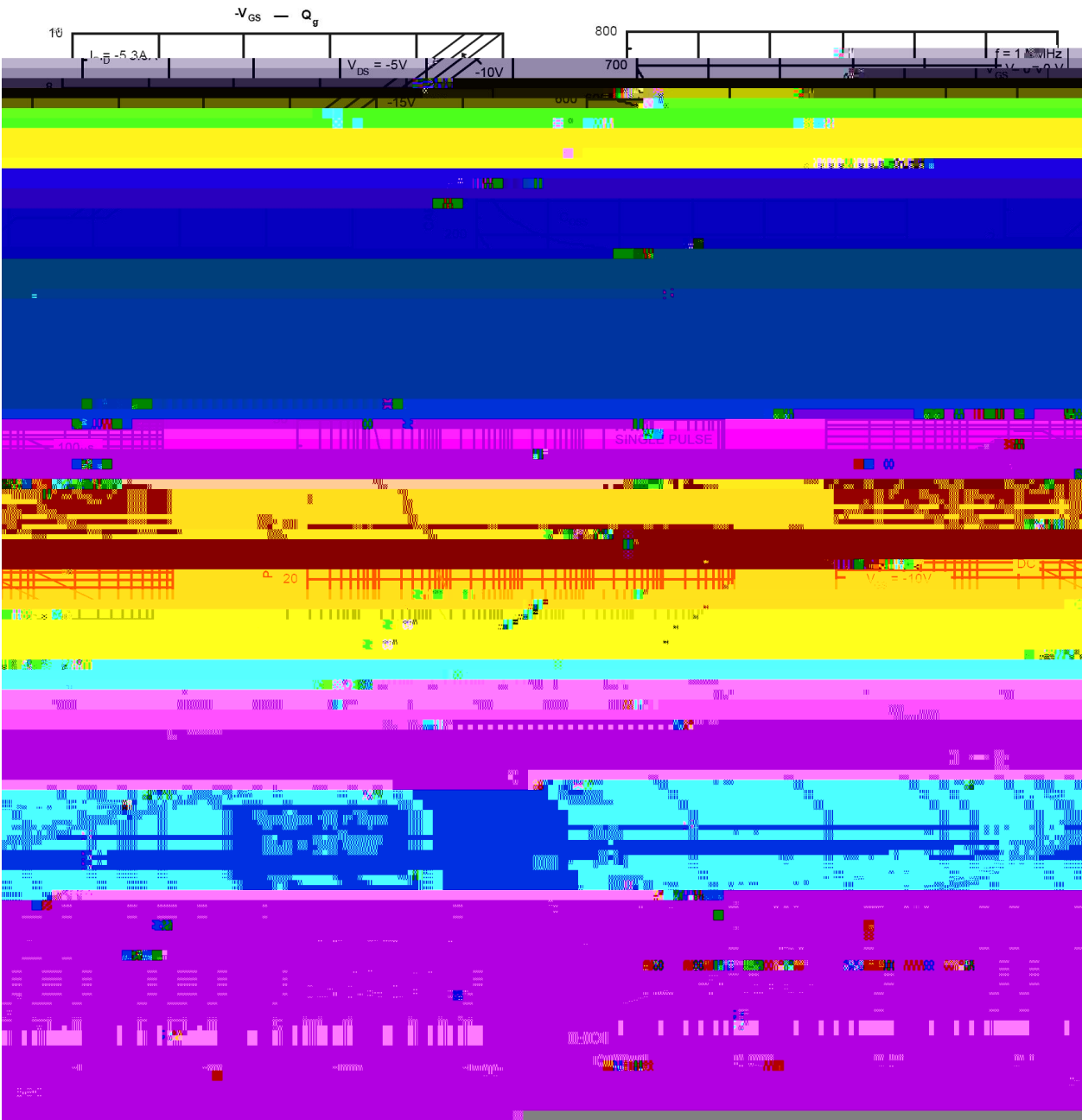
@ f Parameter	... Z Symbol	y i Ú ^ Test Conditions	Â 4 > Min	Á ° > Typ	Â Ý > Max	% y Unit
Input Capacitance	C _{iss}	V _{DS} =-15V V _{GS} =0V f =1.0MHz		528		pF
Output Capacitance	C _{oss}			132		

Reverse Transfer Capacitance 5.7 6714 se-33.0.12 refe..5 7ref.2003 Tm.3019 Tc0 Tr(iss)Tj10.5 0 0 10.5 29.26 641.780

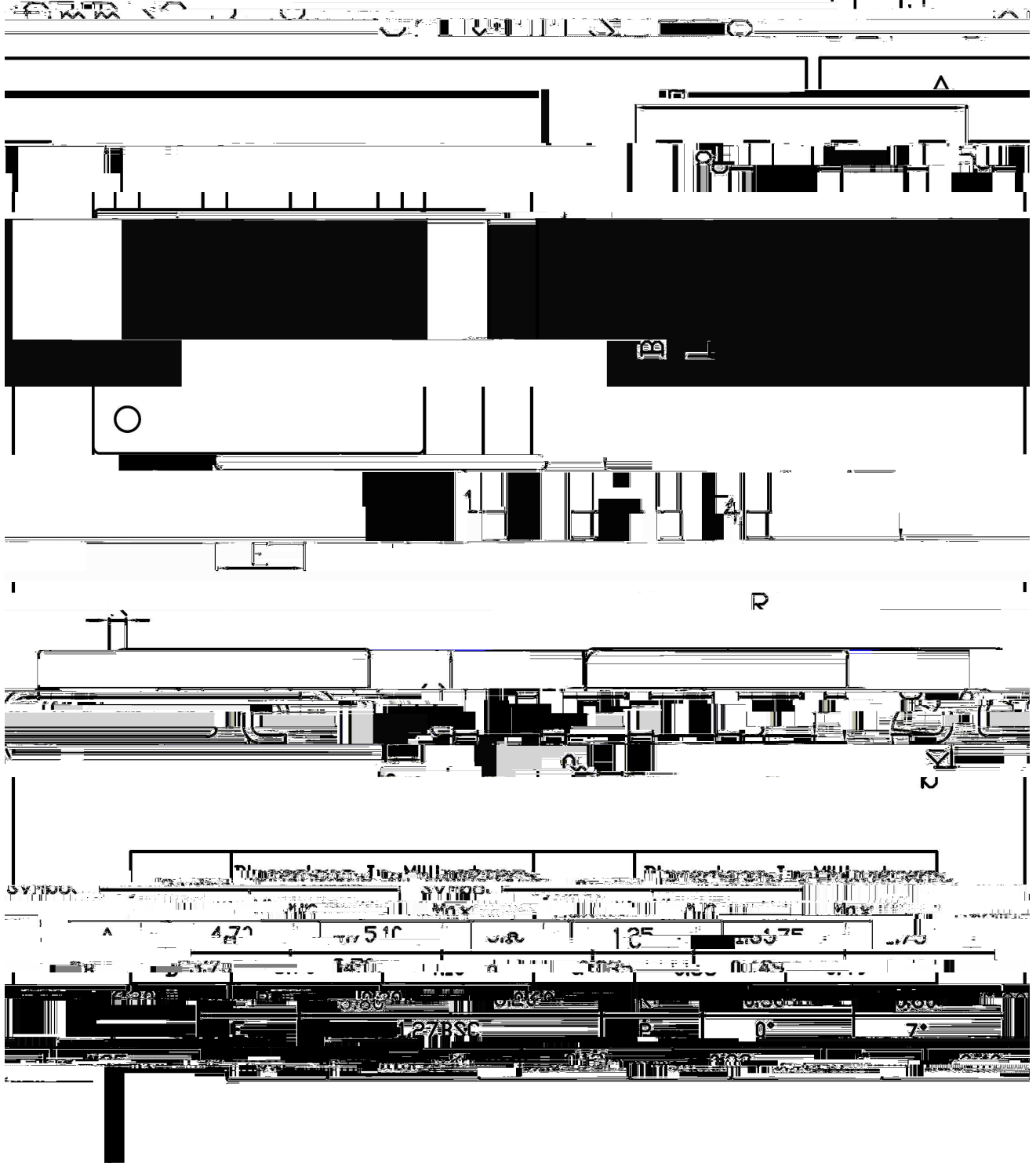
Electrical Characteristic Curve



Electrical Characteristic Curve



Ø □ =) ¢ / Package Dimensions



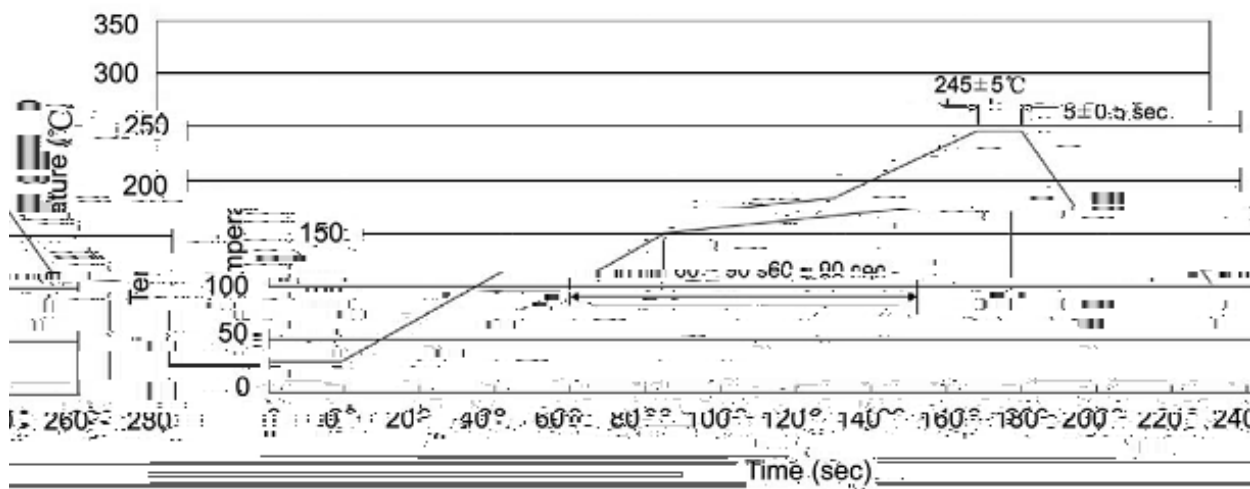
, M y f / Marking Instructions

^a ¢ y

BRq ±/"\$†g,C%q8†T , [W ððS0Ñ 1ð •B"Ÿ)¢•z az 1 ‡¢ „ ° Z W ¢ qð •R"•) •) bz 1Wyz 1r Aà•ð



šWD t...•Žč (x/) / :KSVKXGZ[XK 6XULORK LUX /8 8KLRU] 9URJKXOTM 6



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Note:

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