

# BRCS9435SC

Rev. I Jan.-2019

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<sub>DS(ON)</sub> 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<sub>DS(ON)</sub>, High power and current handling capability. Halogen-free Product.

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

PIN1o•PIN 2o•PIN 3 y S PIN 4 y G

PIN5o•PIN 6o•PIN 7o•PIN 8 y D

P.0007-05220( )

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

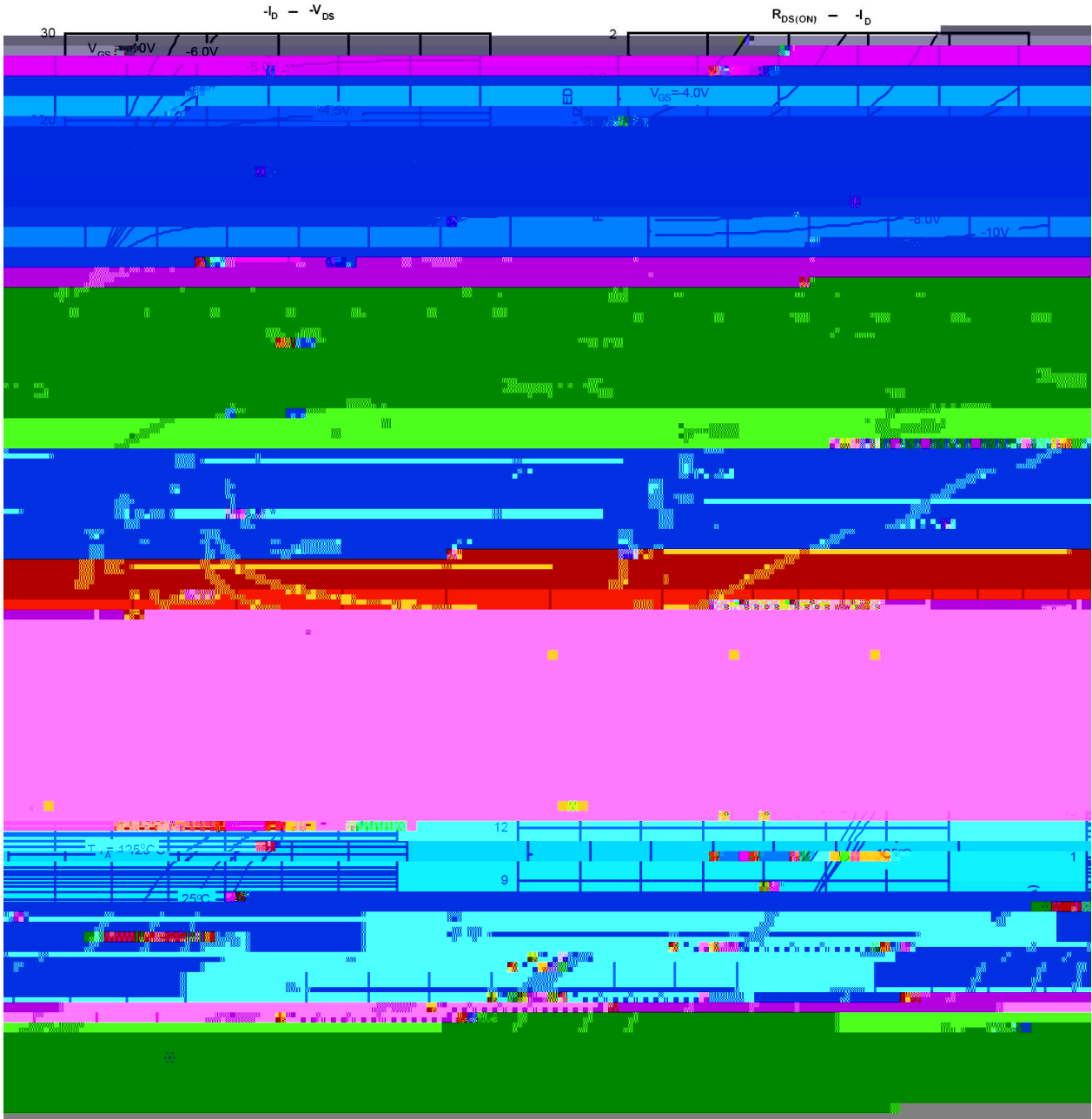
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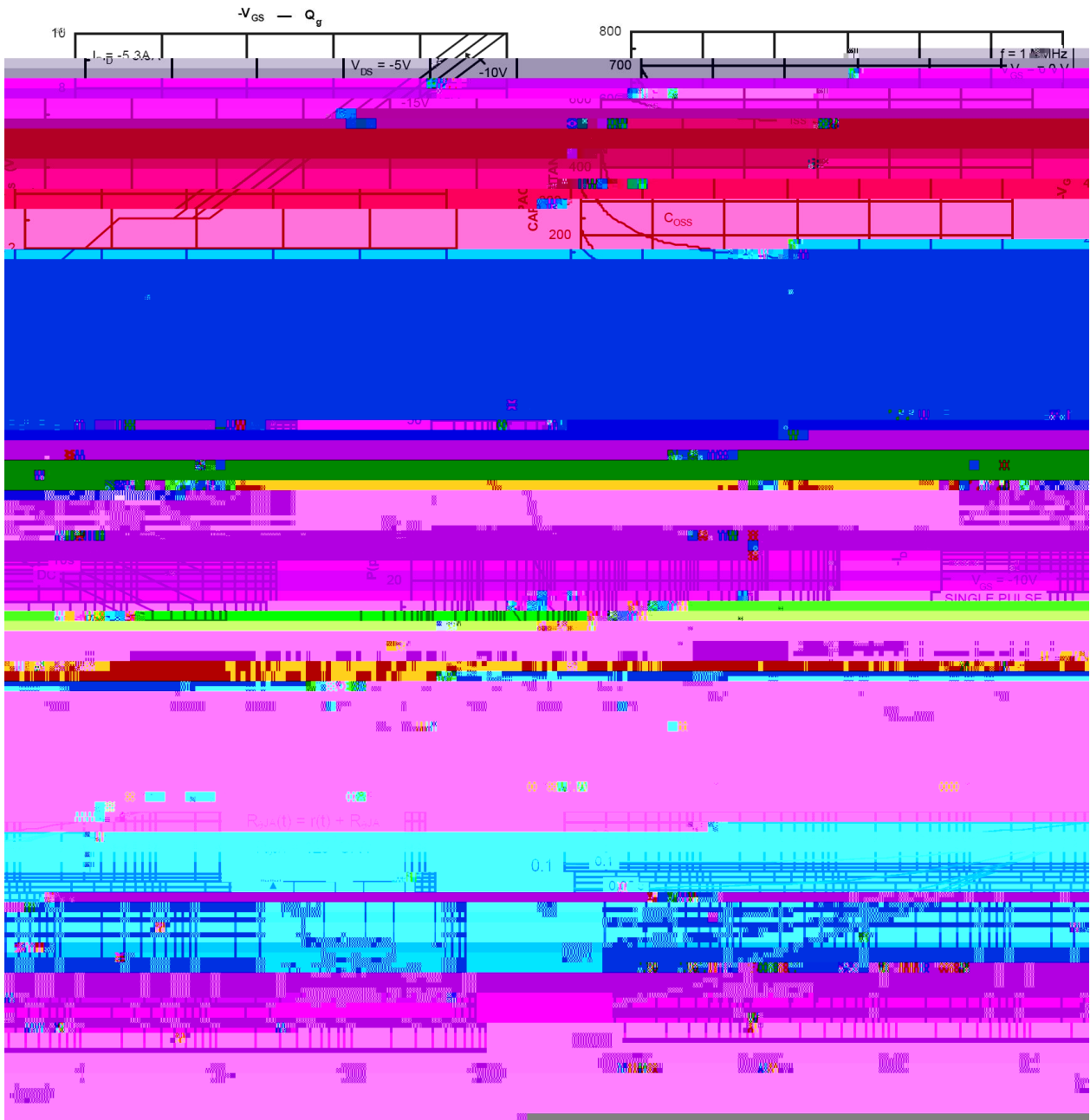
## Electrical Characteristics(Ta=25 ; )

@ f Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Input Capacitance	C <sub>iss</sub>	V <sub>DS</sub> =-15V V <sub>GS</sub> =0V f =1.0MHz		528		pF
Output Capacitance	C <sub>oss</sub>			132		

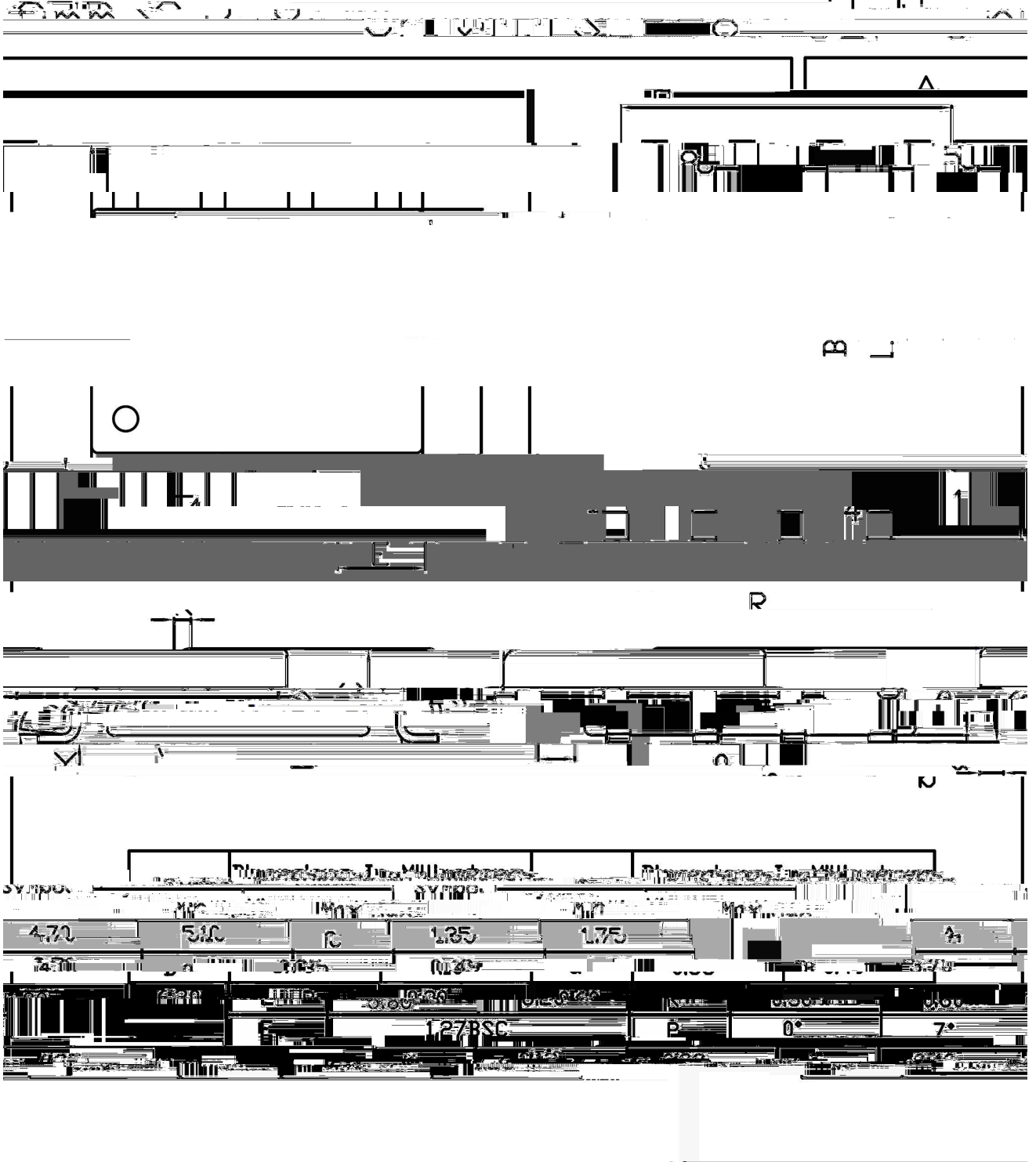
Ô ? d • Ž ç / Electrical Characteristic Curve



Electrical Characteristic Curve



Ø □ = ) φ / Package Dimensions



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蓝箭电子  
BLUE ROCKET ELECTRONICS

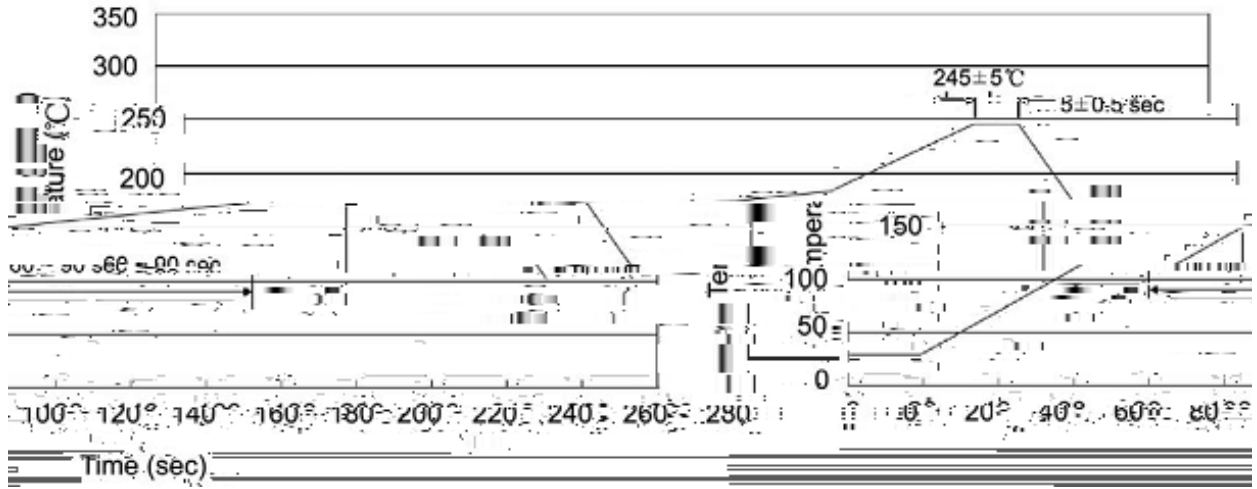
DATA SHEET

## , M y f / Marking Instructions

<sup>a</sup> ϕ y

BR

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



<sup>a</sup> ϕ y

Note:

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