

/ Descriptions

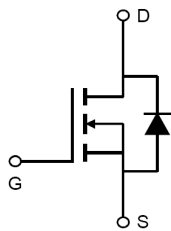
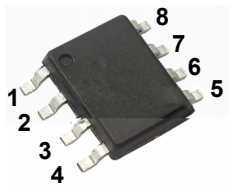
SOP-8 N

/ Features $R_{DS(on)}$

RoHS

/ Applications

DC/DC AC/DC /

/ Equivalent Circuit**/ Pinning****/ h_{FE} Classifications & Marking**

BRCS4292SC

/ Electrical Characteristics(Ta=25)

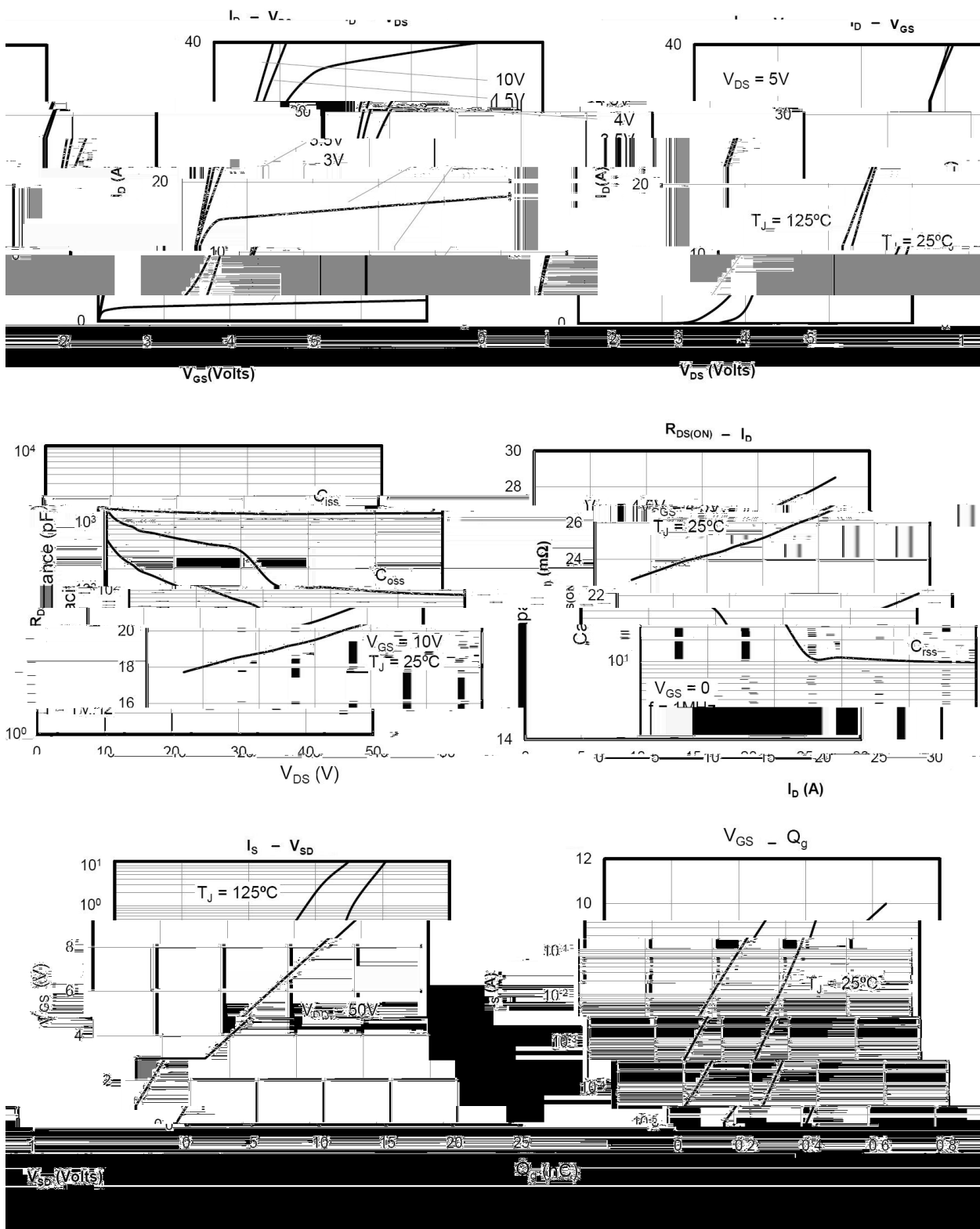
θ

≤

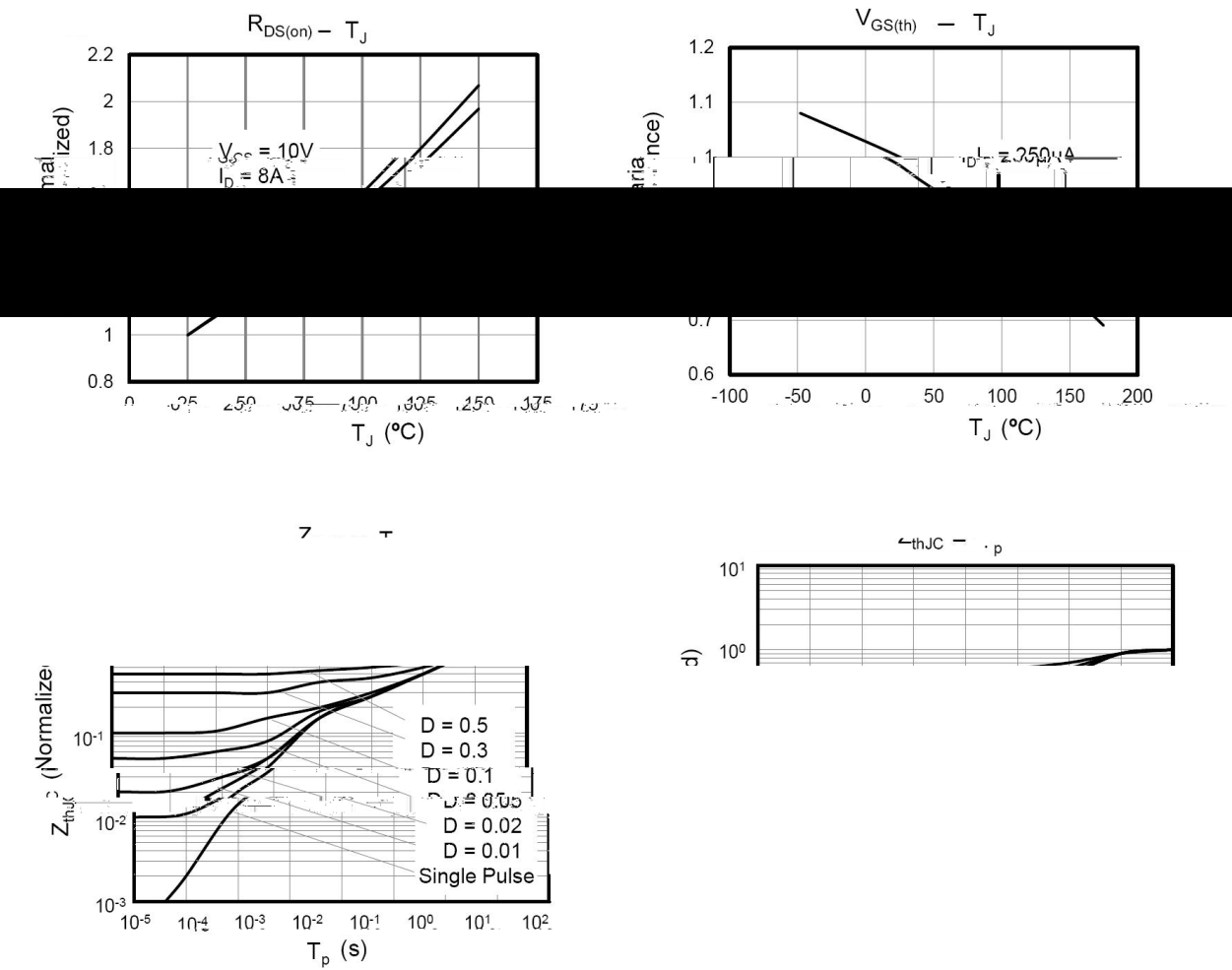
θ

μ^θ

/ Electrical Characteristic Curve



/ Electrical Characteristic Curve



/ Test Circuit & Waveform

Figure A: Gate Charge Test Circuit and Waveform

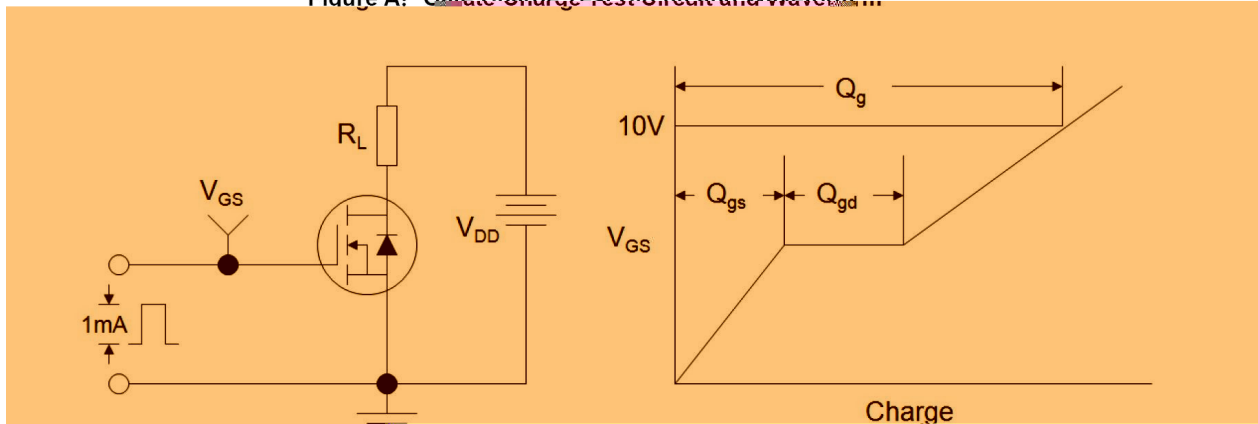


Figure B: Resistive Switching Test Circuit and Waveform

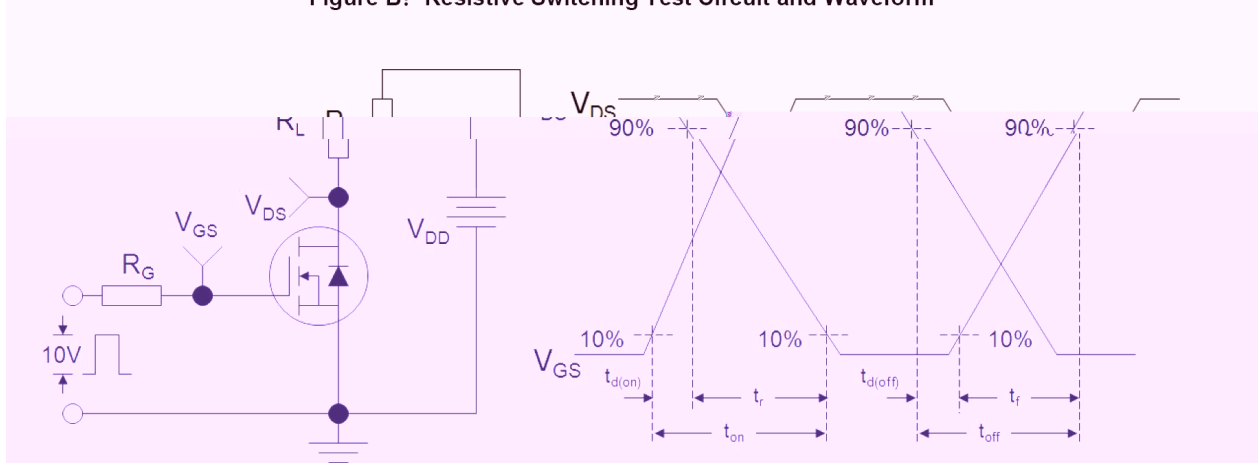
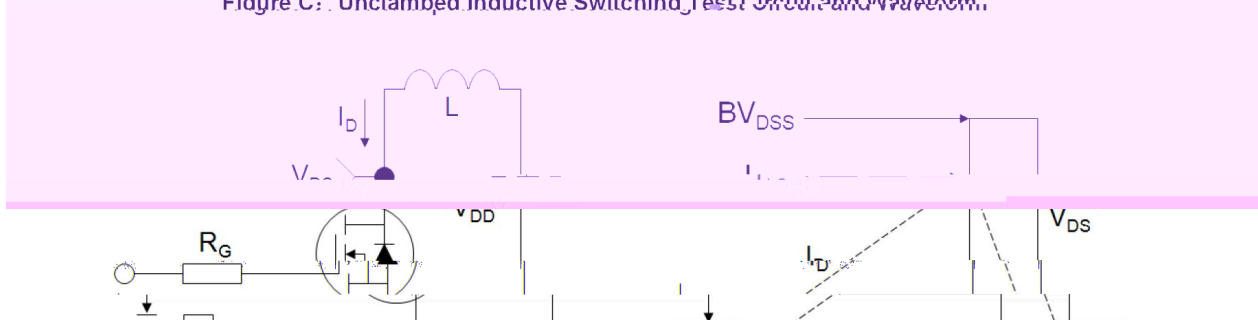
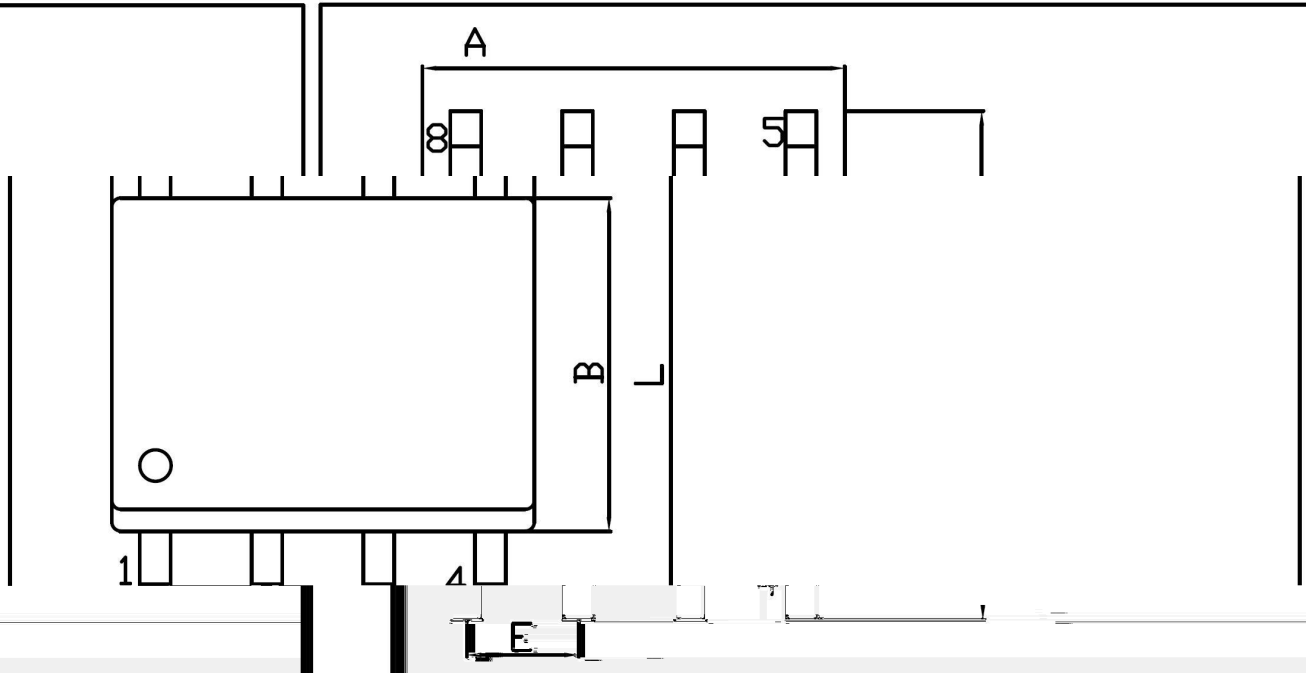


Figure C: Unclamped Inductive Switching Test Circuit and Waveform



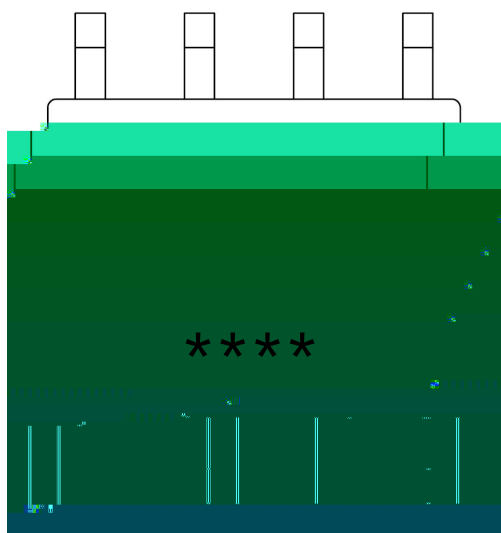
/ Package Dimensions

0.8mm SLP-8



Dimensions In Millimeters			Dimensions In Millimeters		
Min.	Max.	Symbol	Min.	Max.	Symbol
1.77	2.10		1.30	1.75	
0.70	1.10		0.25	0.45	
L			5.80	6.20	R
E			1.27BSC		P
0.11			0.11	0.15	

/ Marking Instructions



4292
