SOT-23 N MOS

N- CHANNEL MOSFET in a SOT-23 Plastic Package.

$R_{DS(ON)}$

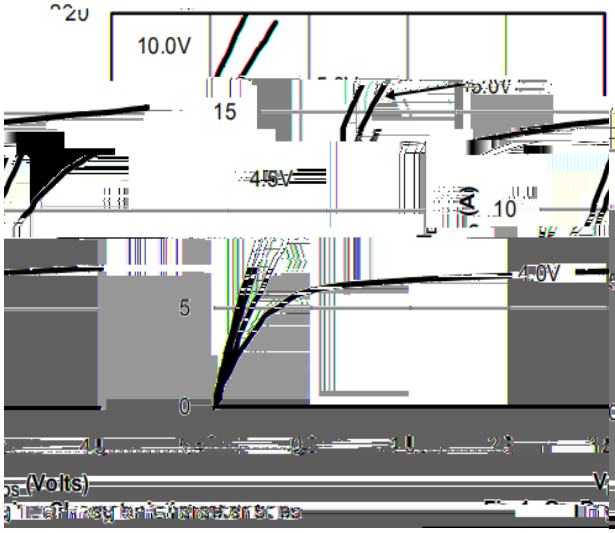
BRCS2310MAQ

Rev.B Dec.-2024

/ Electrical Characteristics(Ta=25)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Turn–On Delay Time	td(on)	VGS=10V, VDS=30V RL=7Ý, RGEN=3Ý		7		ns
Turn–On Rise Time	tr			12		
Turn–Off Delay Time	td(off)			16		
Turn–Off Fall Time	tf			11		

/ Electrical Characteristic Curve



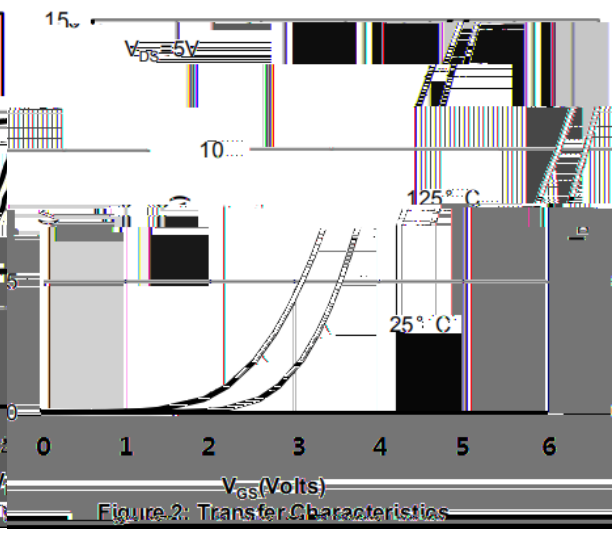


Figure 2: Transfer Characteristics

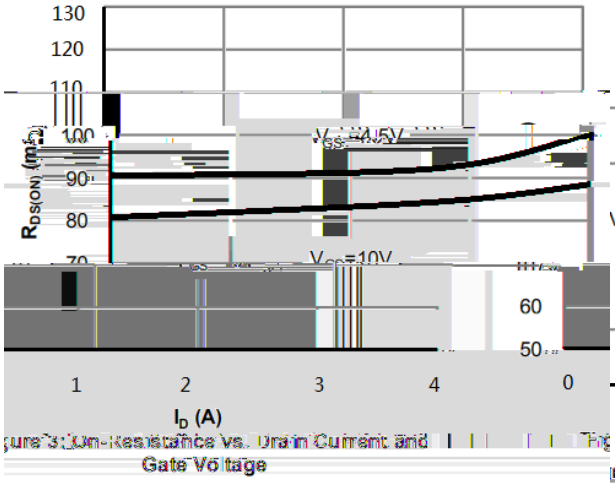


Figure 3: On-Resistance vs. Drain Current and Gate Voltage

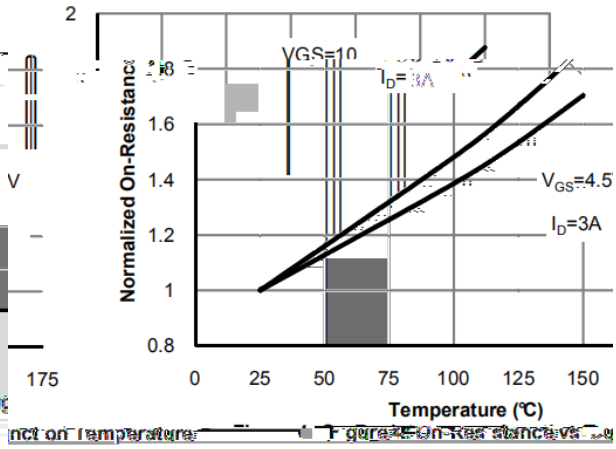


Figure 4: On-Resistance vs. Junction Temperature

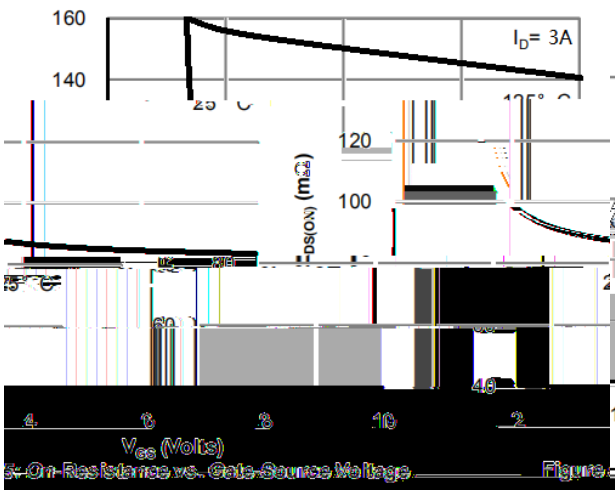


Figure 5: On-Resistance vs. Gate-Source Voltage

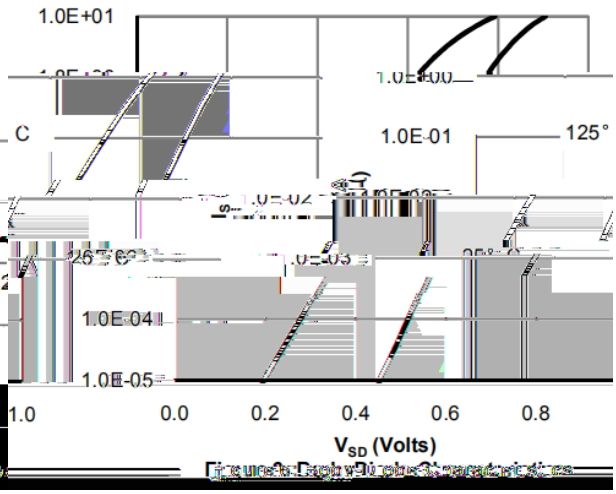


Figure 6: Body-Diode Characteristics

/ Electrical Characteristic Curve

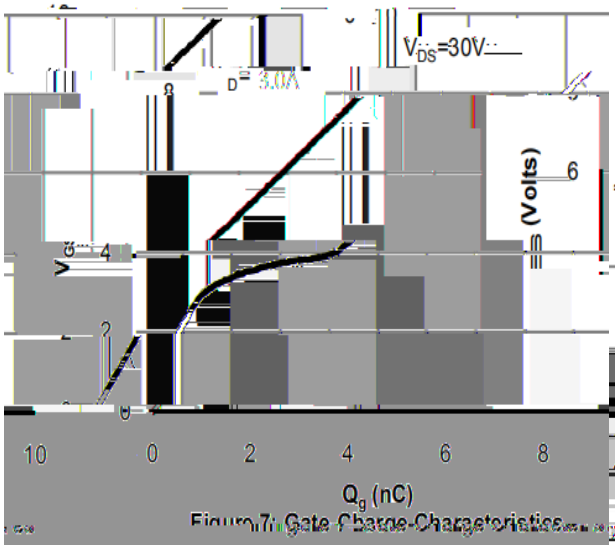


Figure 7: Gate Charge Characteristics

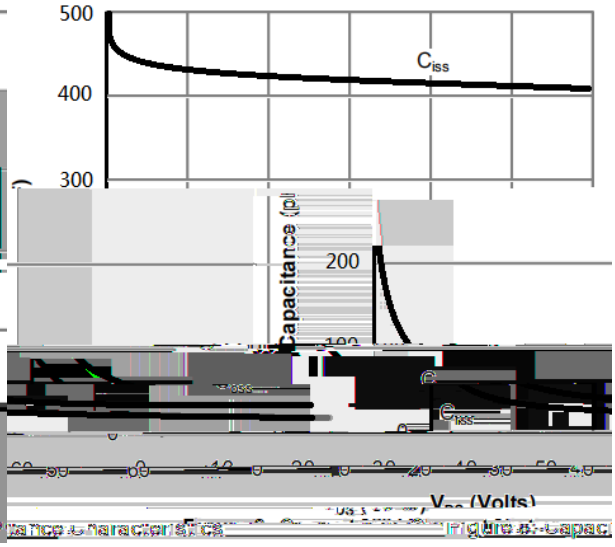
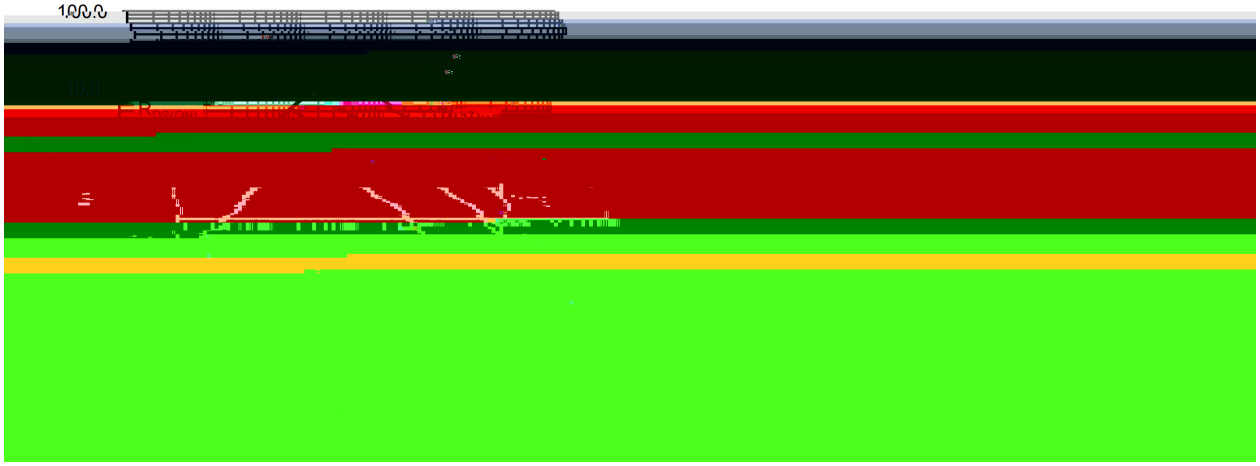
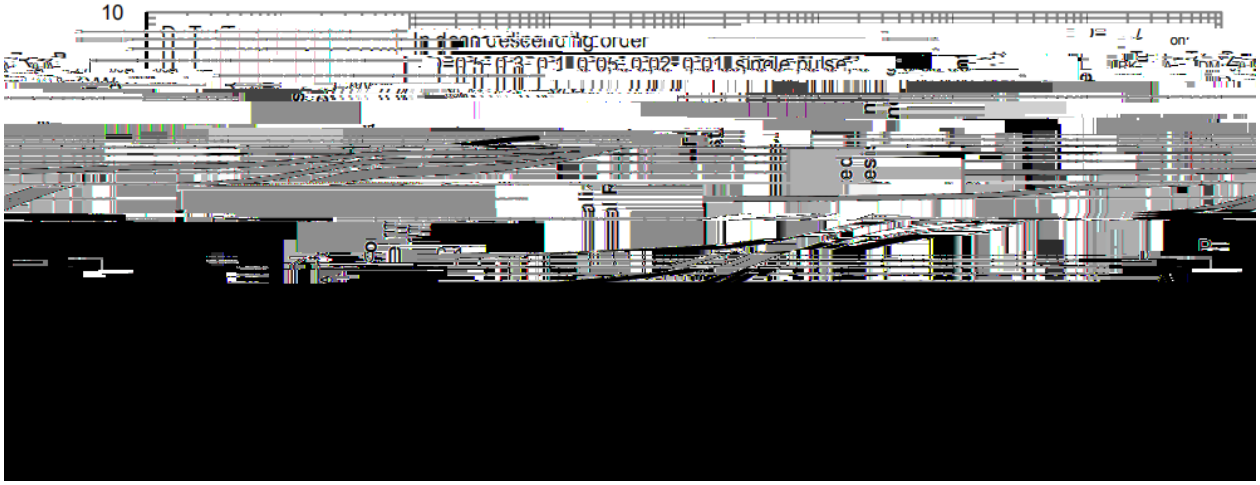
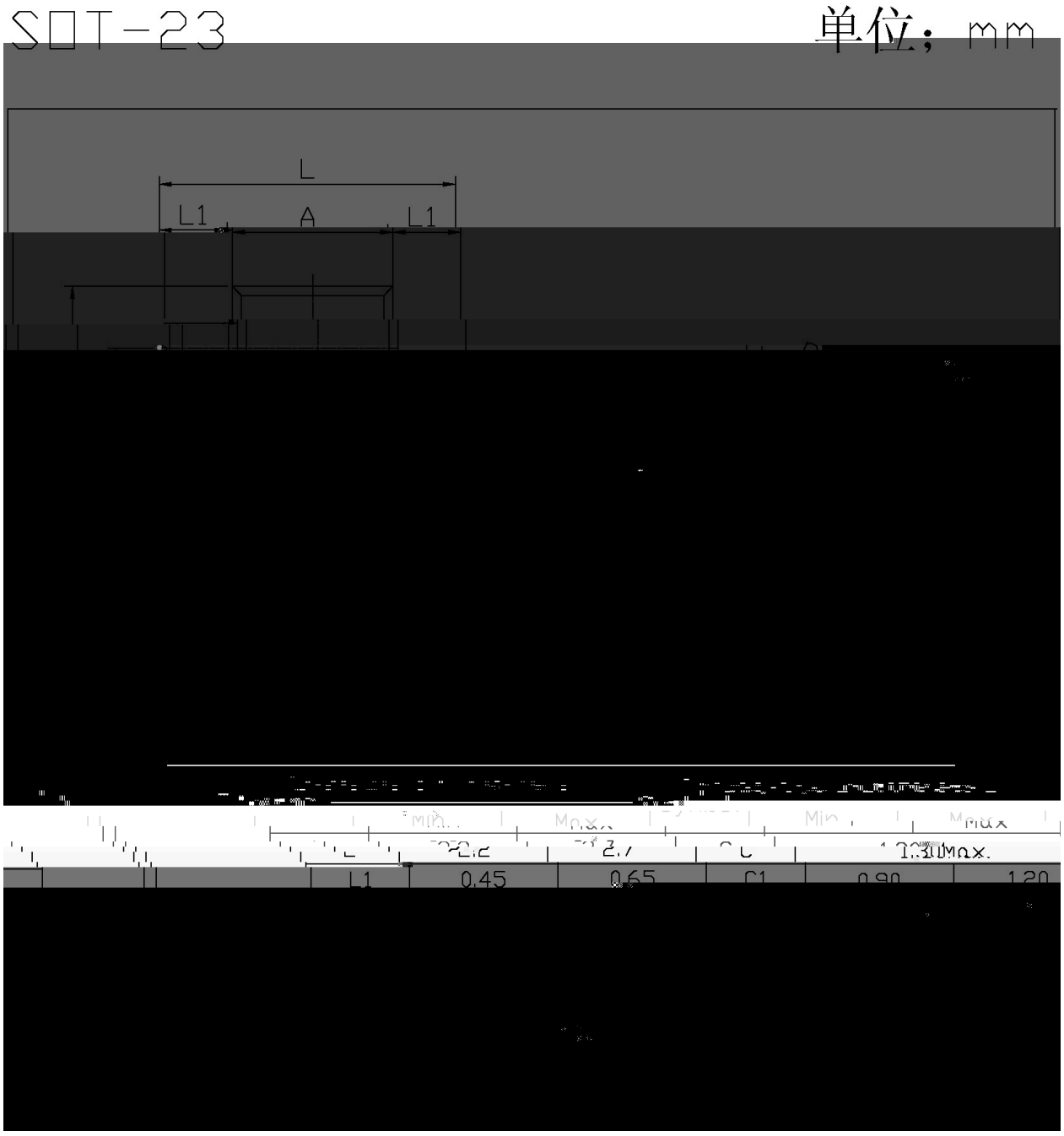


Figure 8: Capacitance Characteristics





/ Package Dimensions



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