

BRCS1C5P06MA

Rev.B Oct.-2022

/ Descriptions

SOT-23 P
G- CHANNEL MOSFET in a SOT-23 Plastic Package.

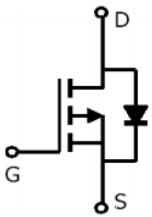
/ Features

Ultra Low on-resistance. fast switching.Low on voltage, HF Product.

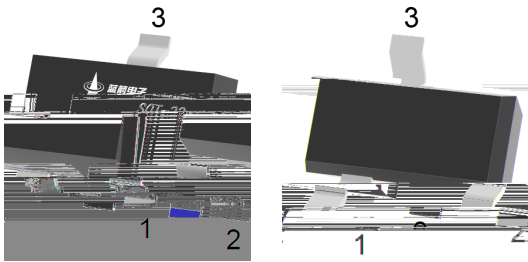
/ Applications

GN D
PWM application & Load switch

/ Equivalent Circuit



/ Pinning



PIN1 G

PIN 2 S

PIN 3 D

/ Marking

See Marking Instructions.

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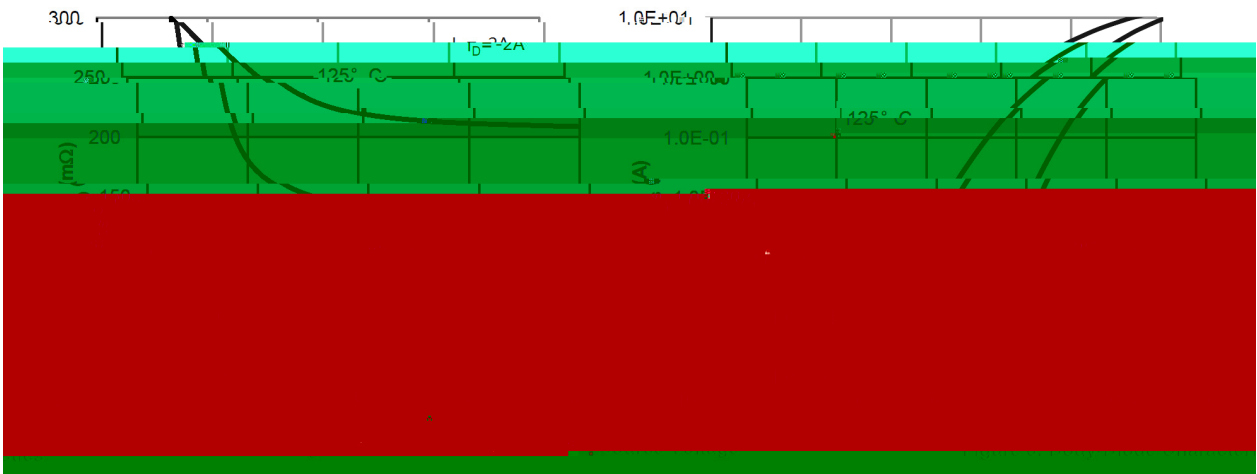
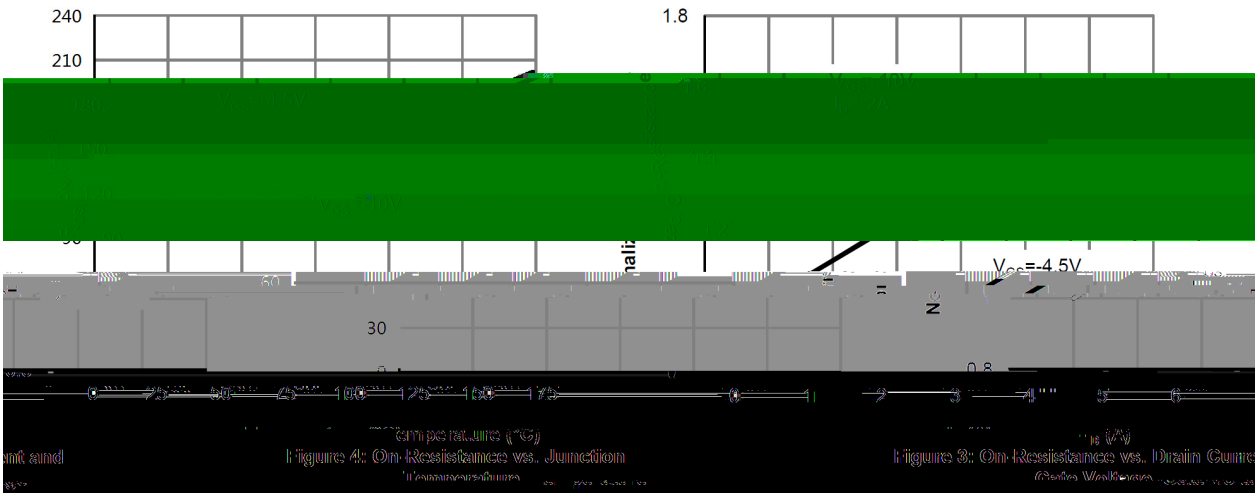
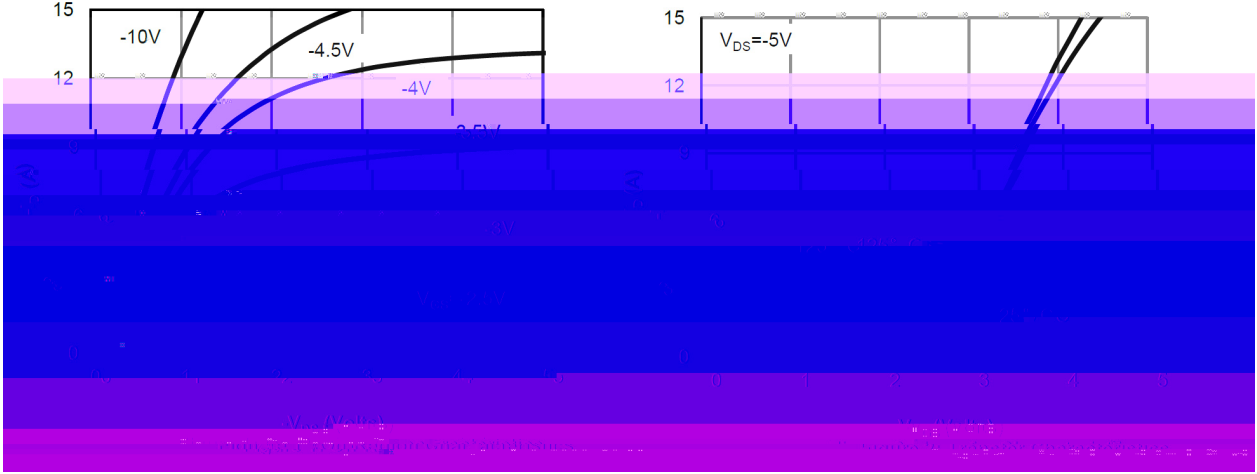
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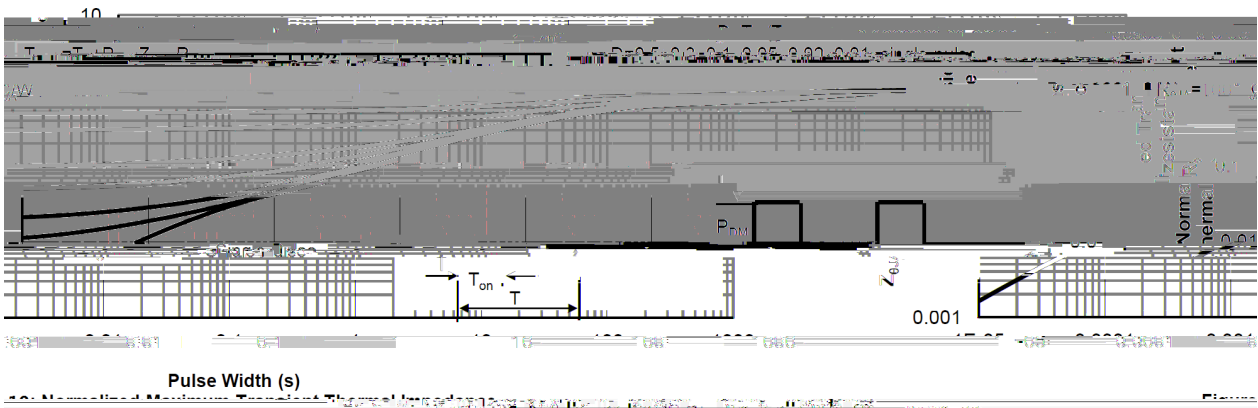
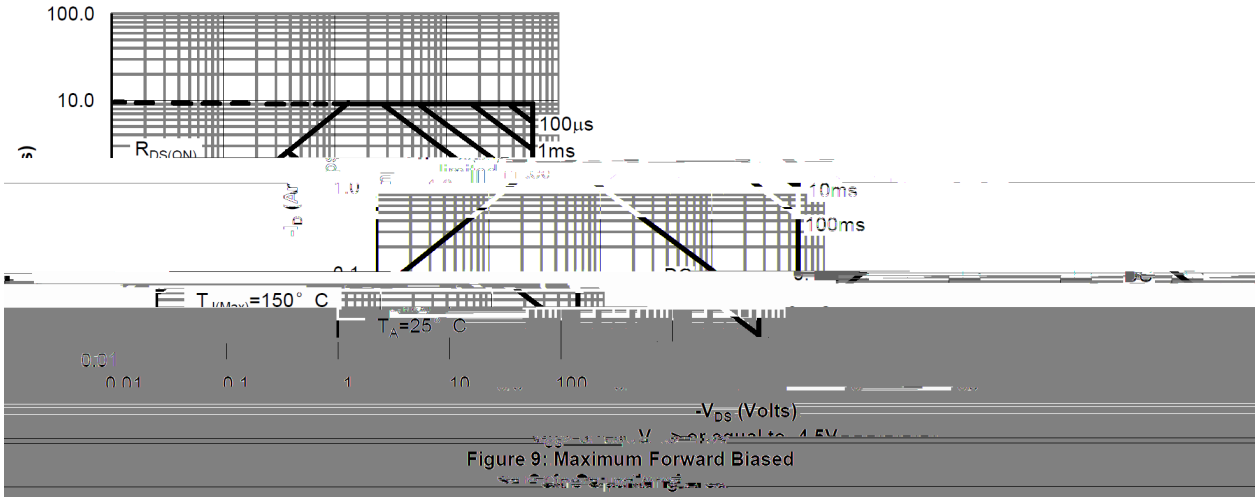
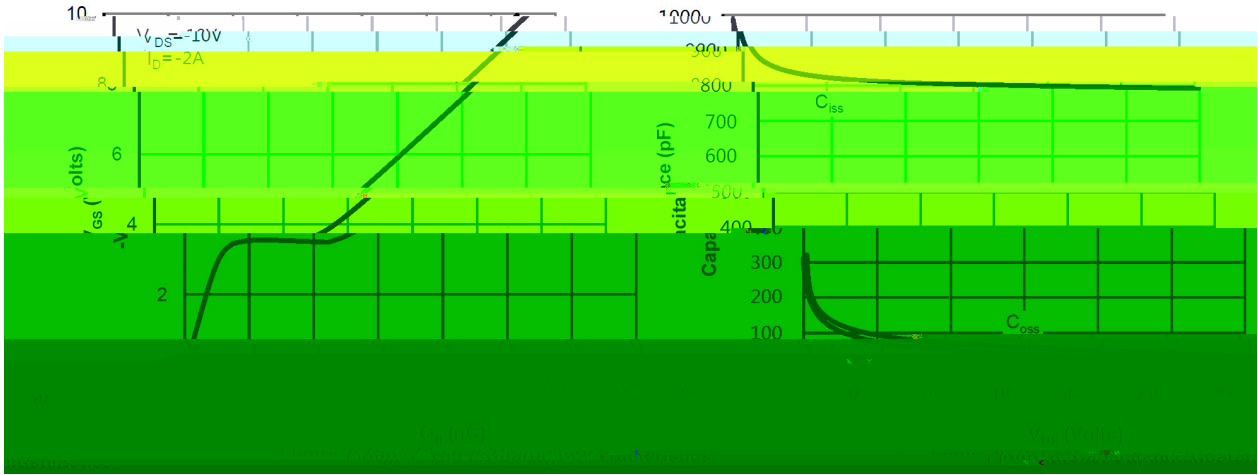
DATA SHEET

Parameter	Symbol	Rating	Unit
Drain–Source Voltage	V_{DSS}	-60	V
Gate–Body Leakage Voltage	V_{GSS}	± 20	V
Drain Current – Continuous	I_D	-2.3	A
Pulsed Drain Current	I_{DM}	-9	A

/ Electrical Characteristic Curve



/ Electrical Characteristic Curve



() / Temperature Profile for IR Reflow Soldering(Pb-Free)

1 150 180 60 90sec; Note:
1.Preheating:150~180 , a 62.94 5TJ Tf1.0004 0 TD.0041 T