

# BRCS1C5P06MA

Rev.B Oct.-2022

## / Descriptions

SOT-23 P

- CHANNEL MOSFET in a SOT-23 Plastic Package.

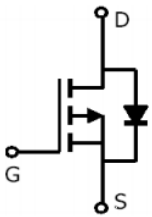
## / Features

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

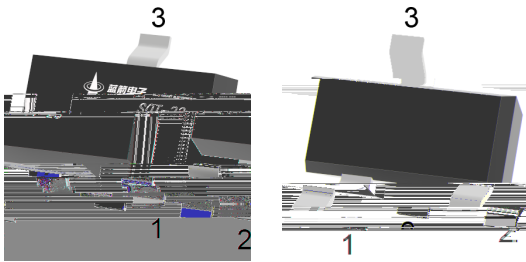
## / Applications

PWM application & Load switch

## / Equivalent Circuit



## / Pinning



PIN1 G

PIN 2 S

PIN 3 D

## / Marking

See Marking Instructions.

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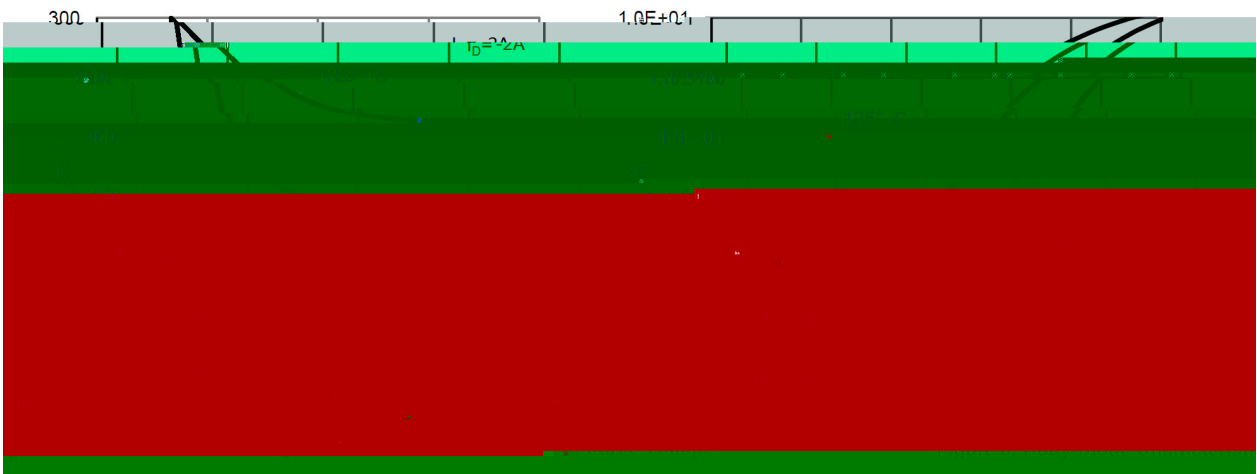
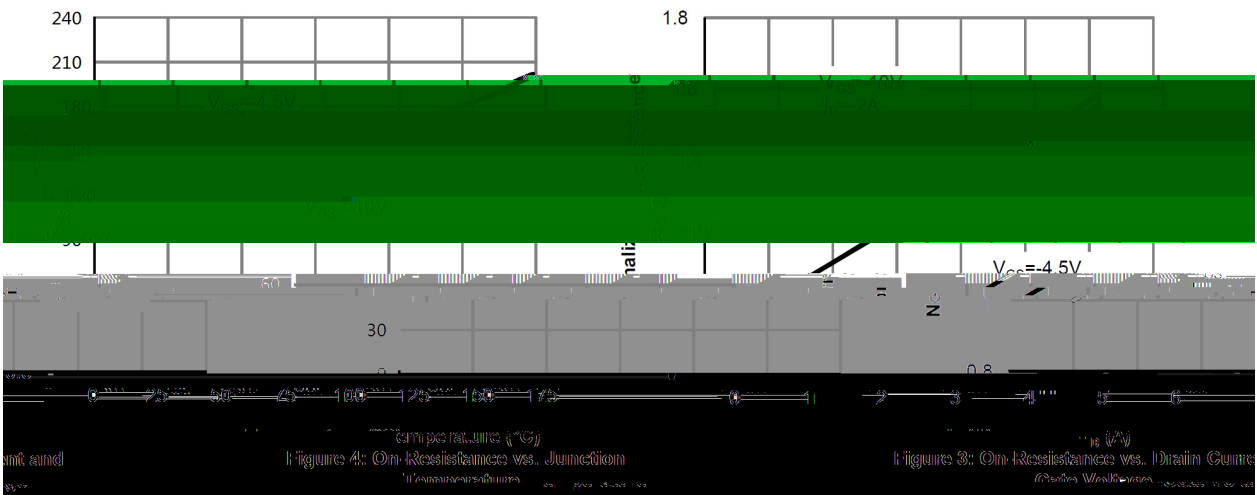
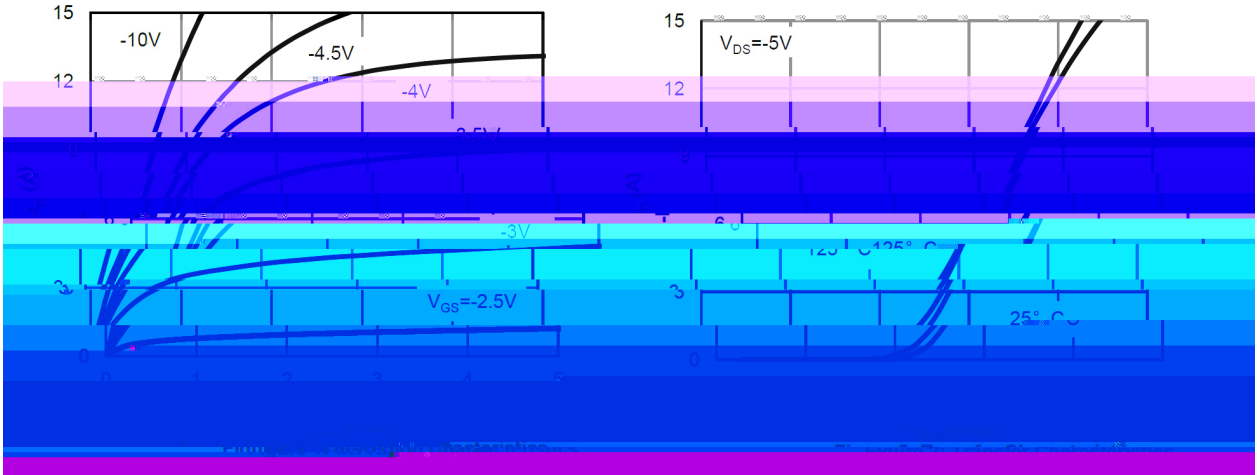
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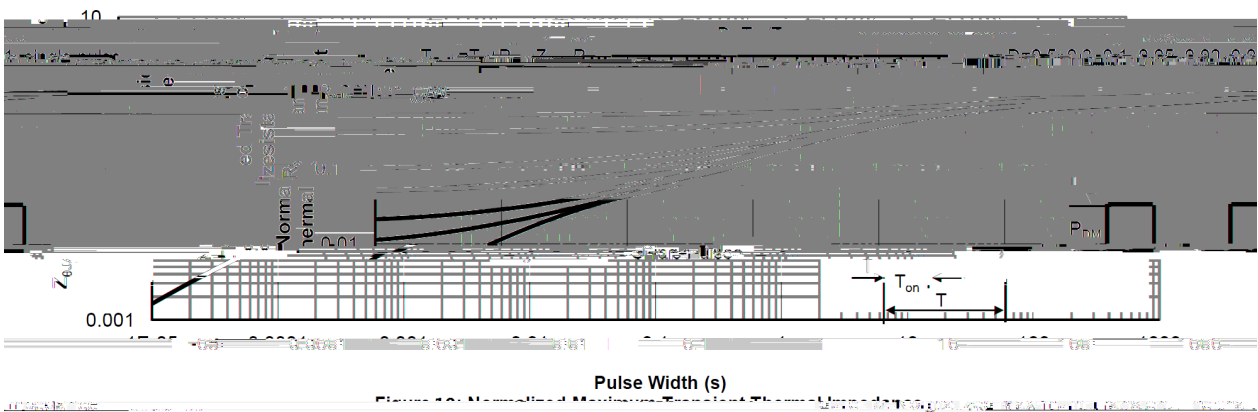
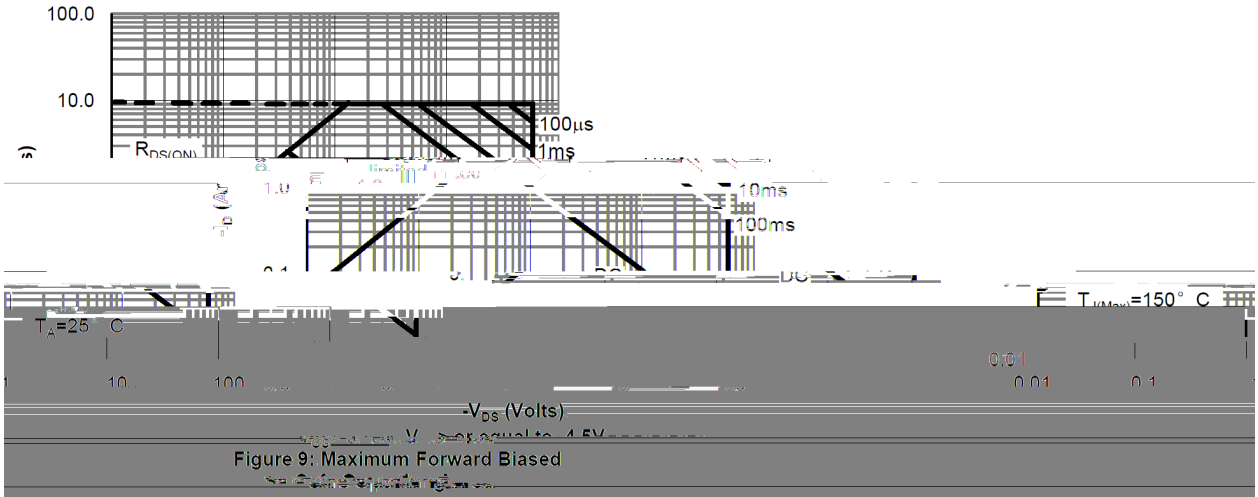
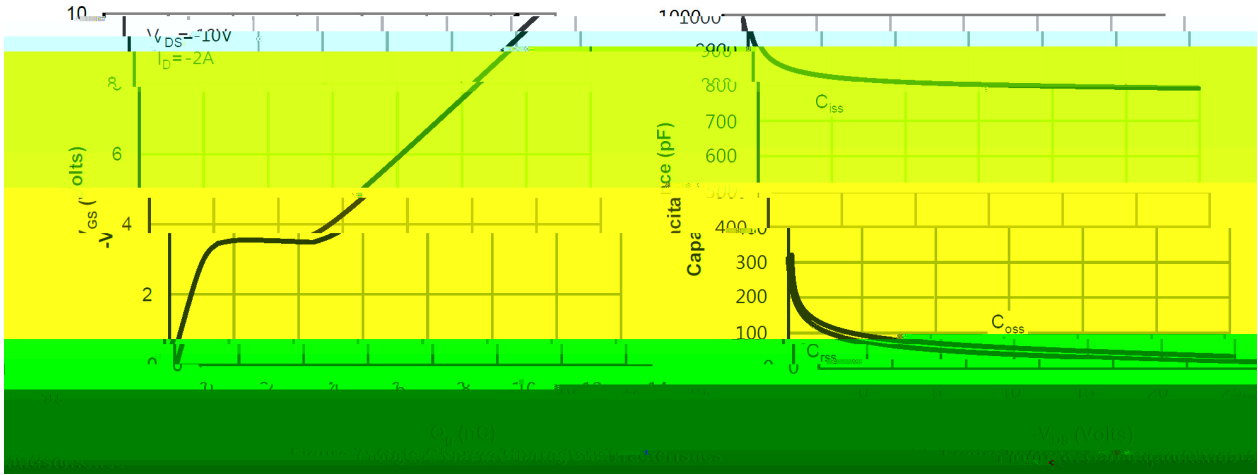
DATA SHEET

Parameter	Symbol	Rating	Unit
Drain–Source Voltage	$V_{DSS}$	-60	V
Gate–Body Leakage Voltage	$V_{GSS}$	$\pm 20$	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