

/ Descriptions

SOT-23 P

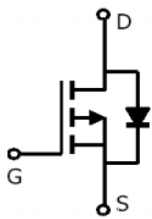
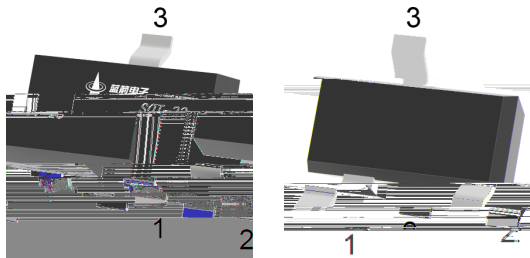
- CHANNEL MOSFET in a SOT-23 Plastic Package.

/ 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.

BRCS1C5P06MA

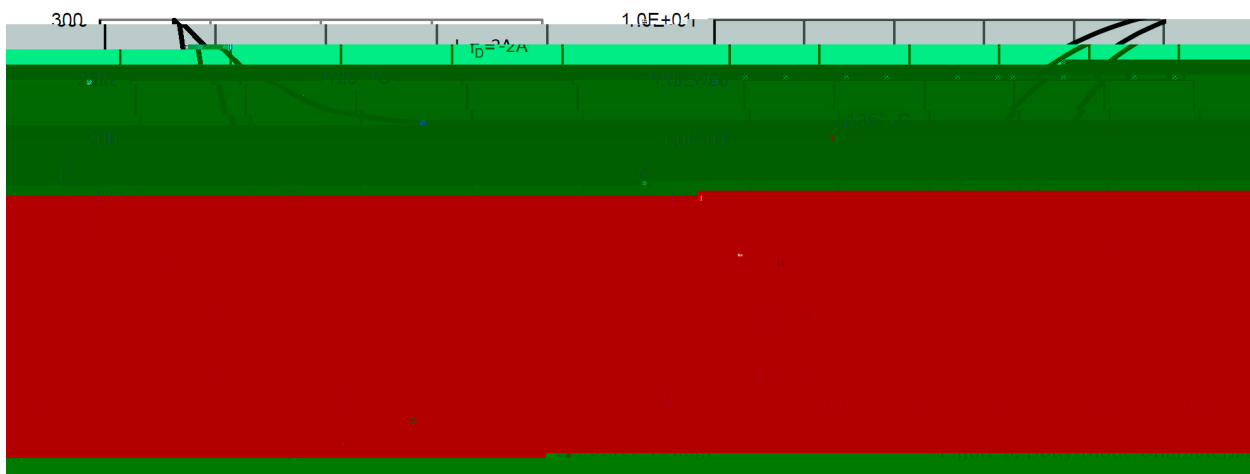
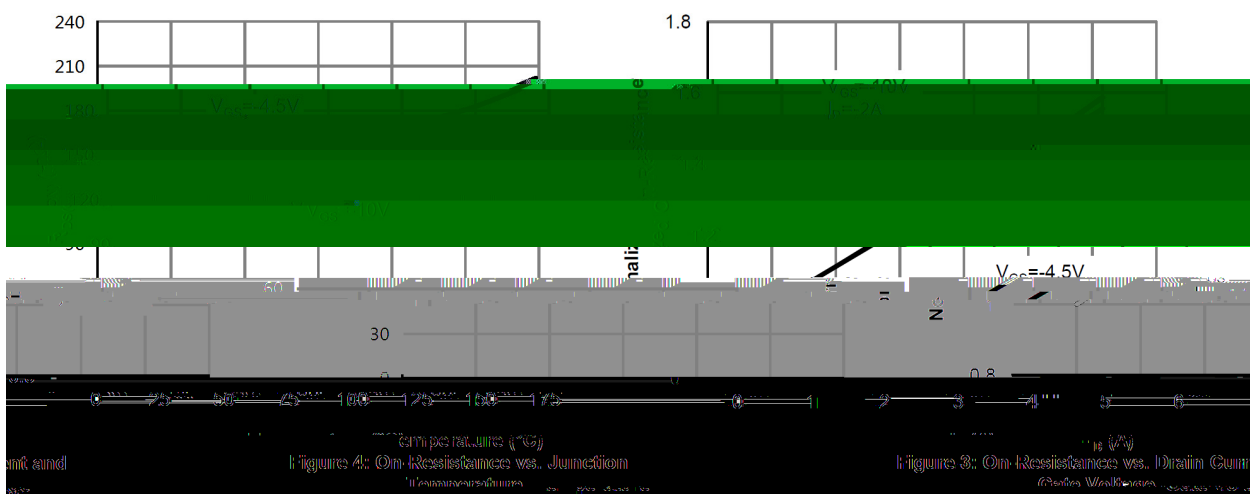
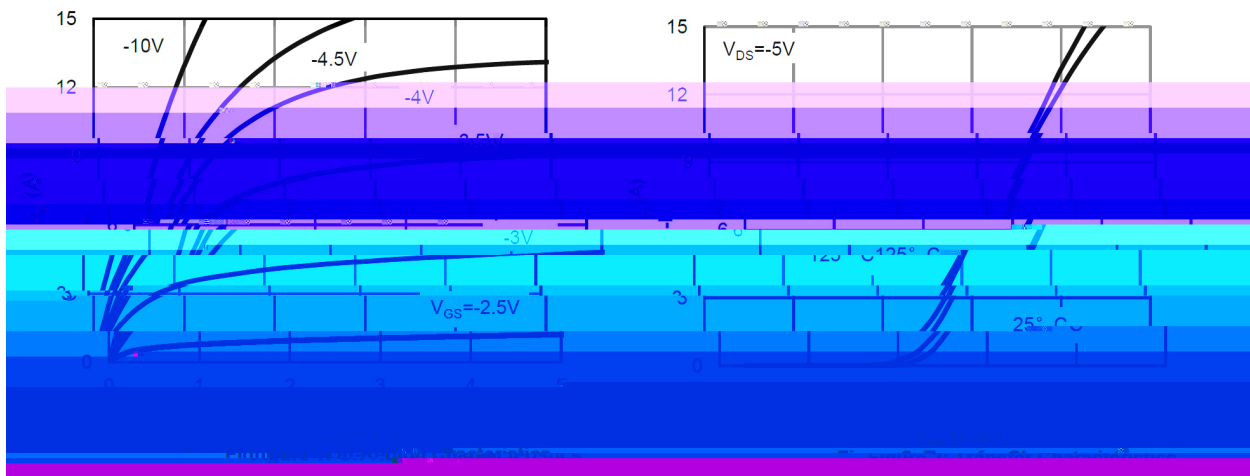
Rev.B Oct.-2022



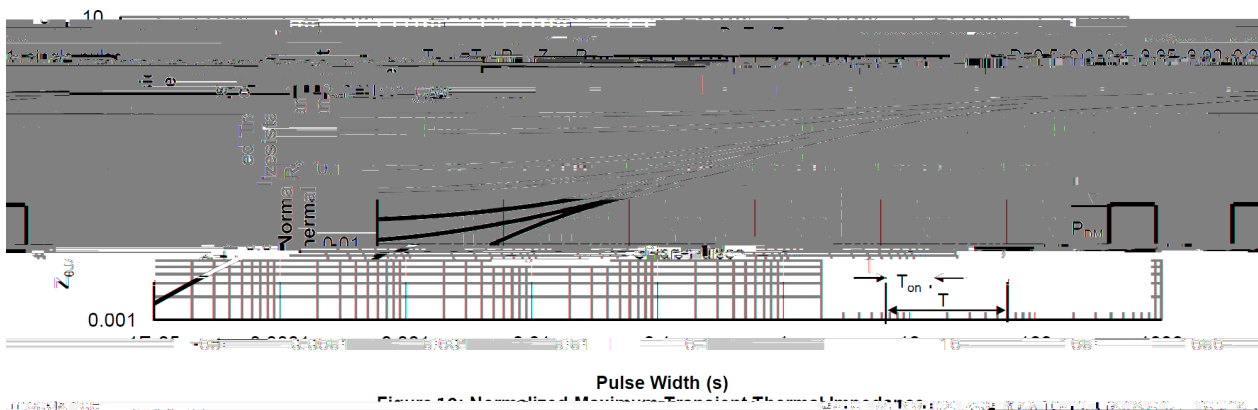
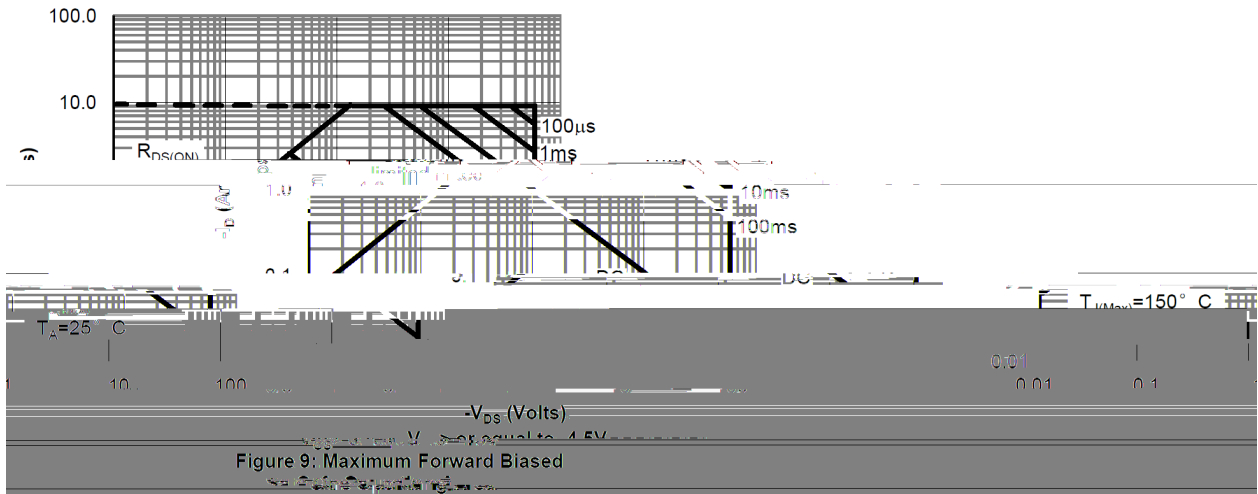
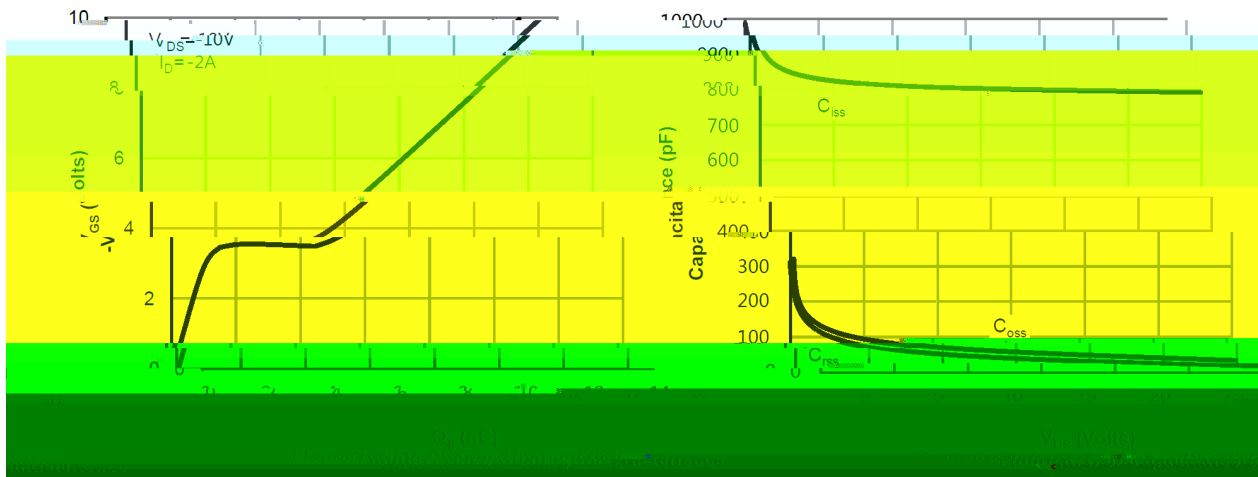
DATA SHEET

Parameter	Symbol	Rating	Unit
Drain–Source Voltage	V_{DS}	-60	V
Gate–Body Leakage Voltage	V_{GS}	± 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 5J J Tf1.0004 0 TD.0041 T