/ Descriptions

SOT-23 P

- CHANNEL MOSFET in a SOT-23 Plastic Package.

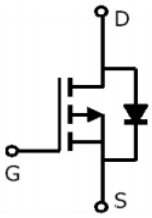
/ Features

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

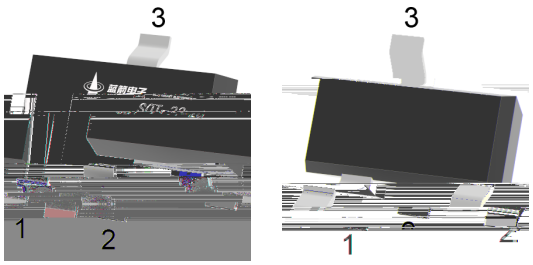
/ Applications

PWM application & Load switch

/ Equivalent Circuit



/ Pinning



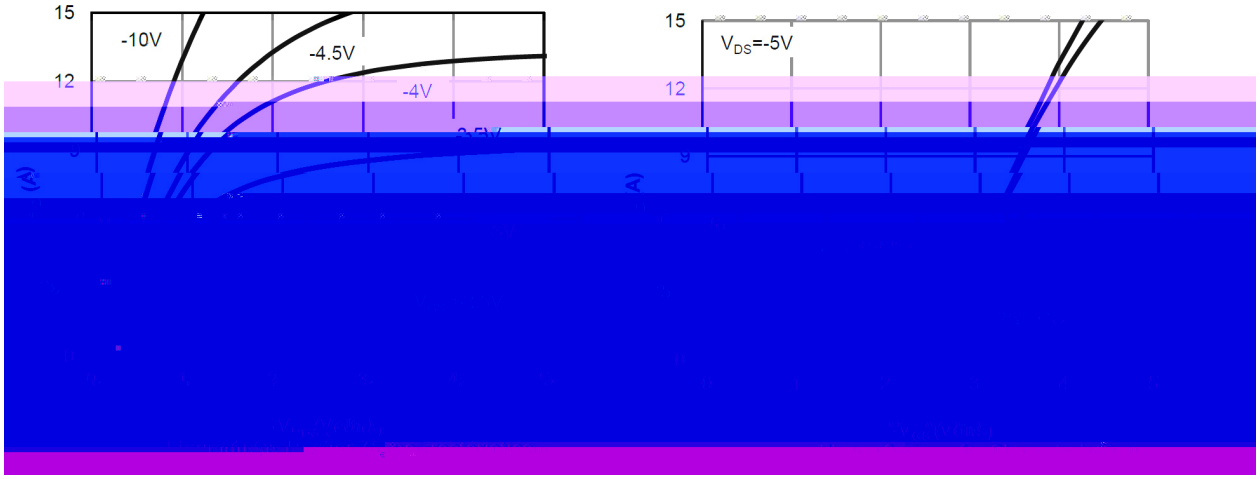
PIN1 G PIN 2 S PIN 3 D

/ Marking

See Marking Instructions.

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



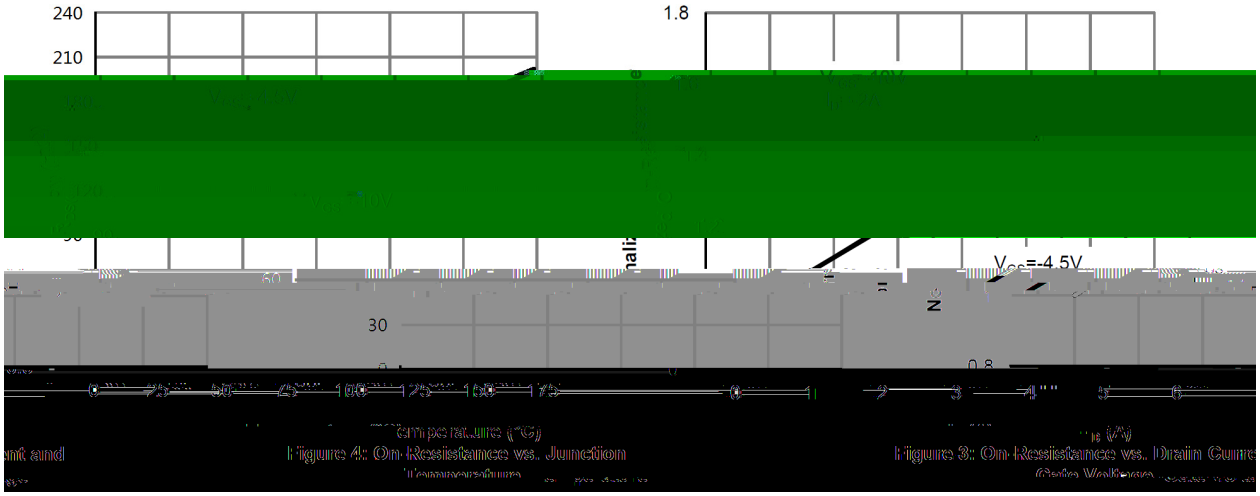
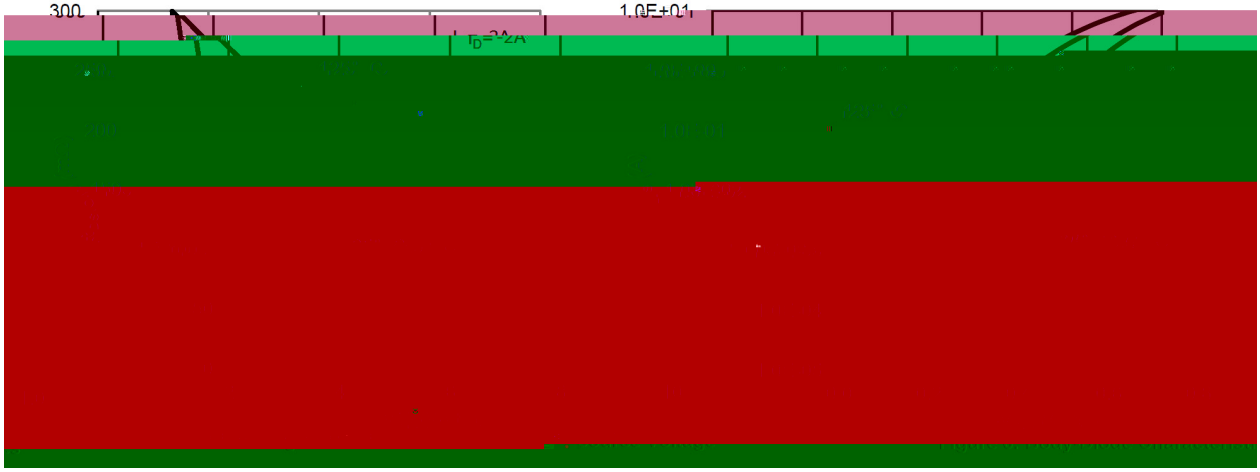
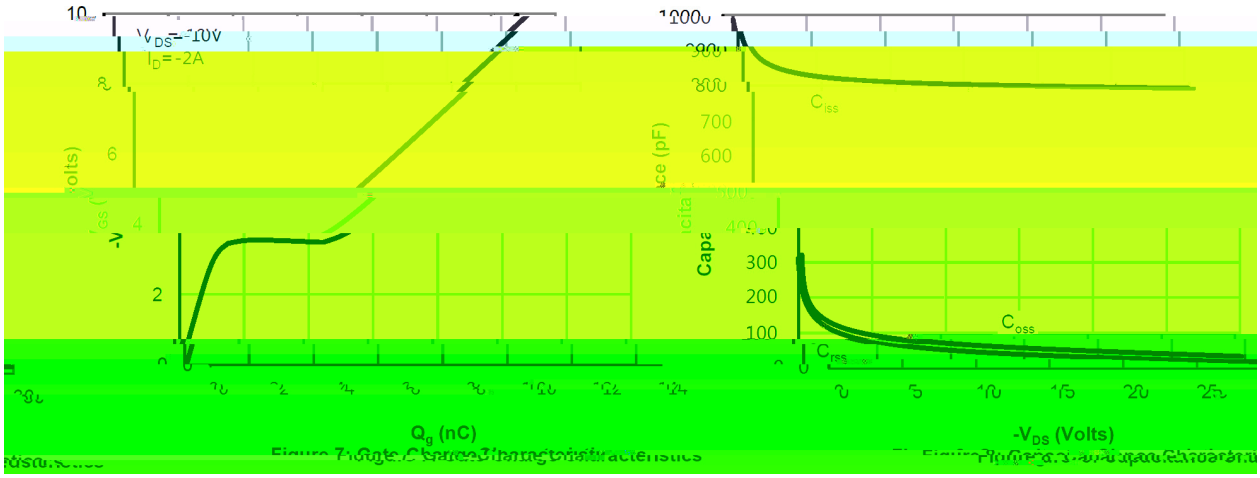


Figure 4: On-Resistance vs. Junction

Figure 3: On-Resistance vs. Drain Curre



/ Electrical Characteristic Curve



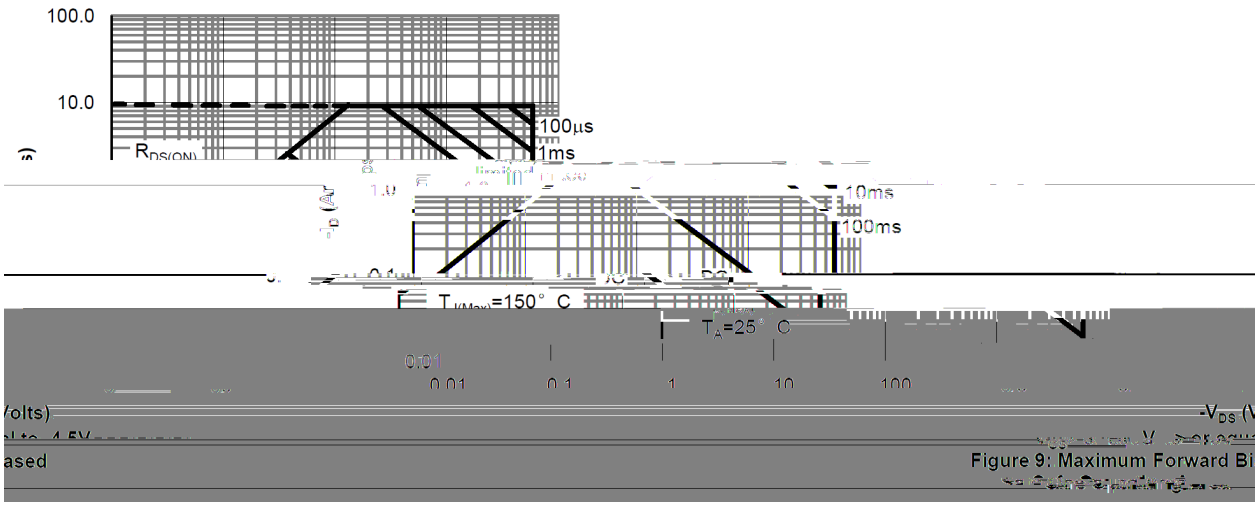
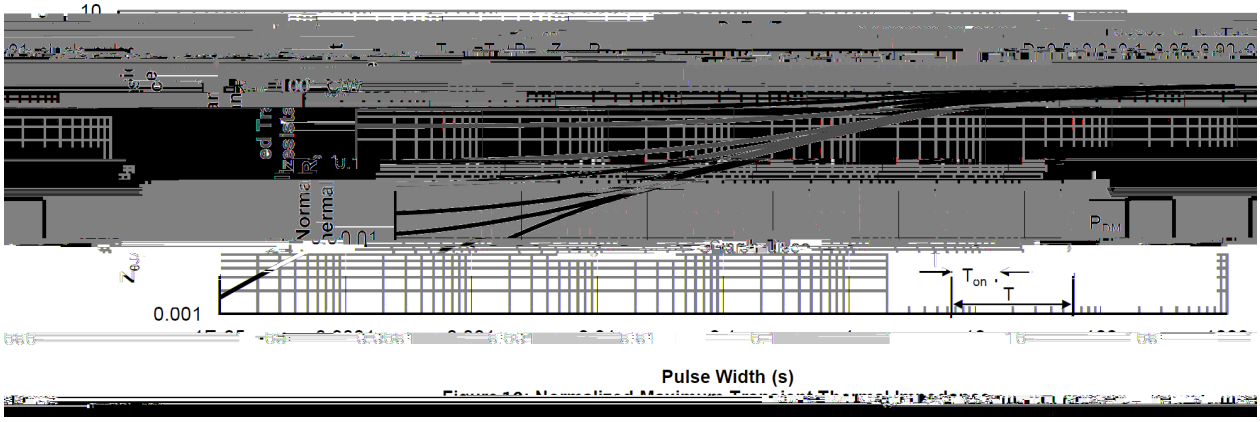


Figure 9: Maximum Forward Bi



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

Note:

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