/ Descriptions

SOT-23 Ɱ Ɱ Ⱡ P ᵴ ʆ ᾯ Ƶ ᒣ

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

/ Features

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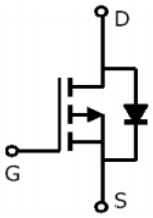
Ultra Low on-resistance. fast switching.Low on voltage,HF Product.

/ Applications

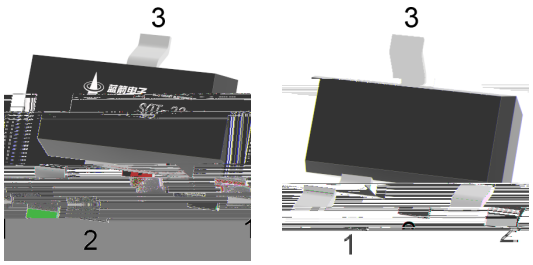
S Z P Ƶ ŧ ɲ ق ɔ Ⱥ ʜ

PWM application & Load switch

/ Equivalent Circuit



/ Pinning



PIN1 χ G PIN 2 χ S PIN 3 χ D

/ Marking

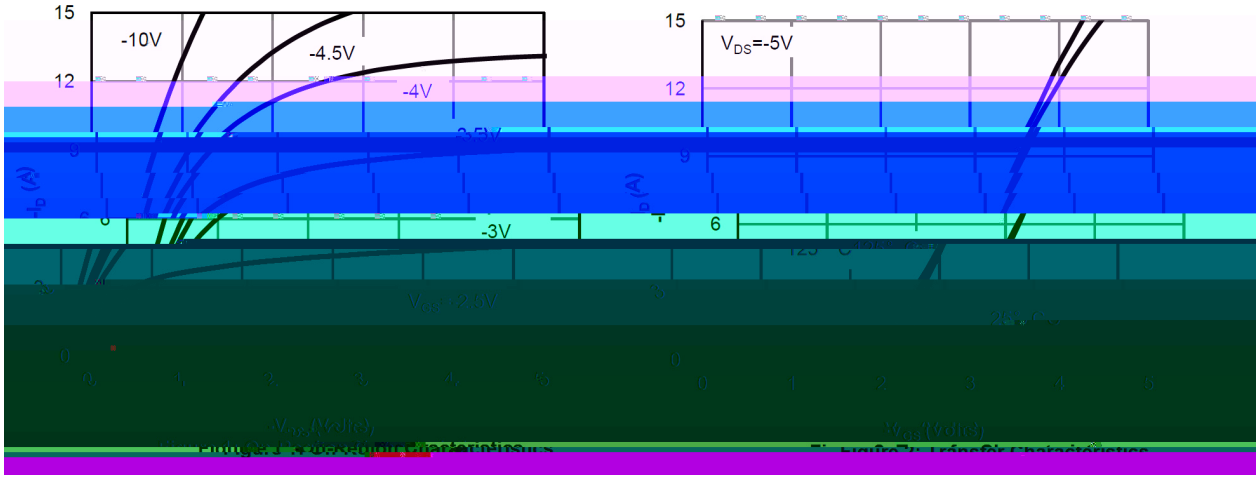
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See Marking Instructions.

v Ѽ Parameter	ϒ N Symbol	Ѽ Ө Rating	D Ң 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

Power Dissipd1P403 Tm-.0039 Tc0 Tw(9)-8 599 Power Dissipc

/ Electrical Characteristic Curve



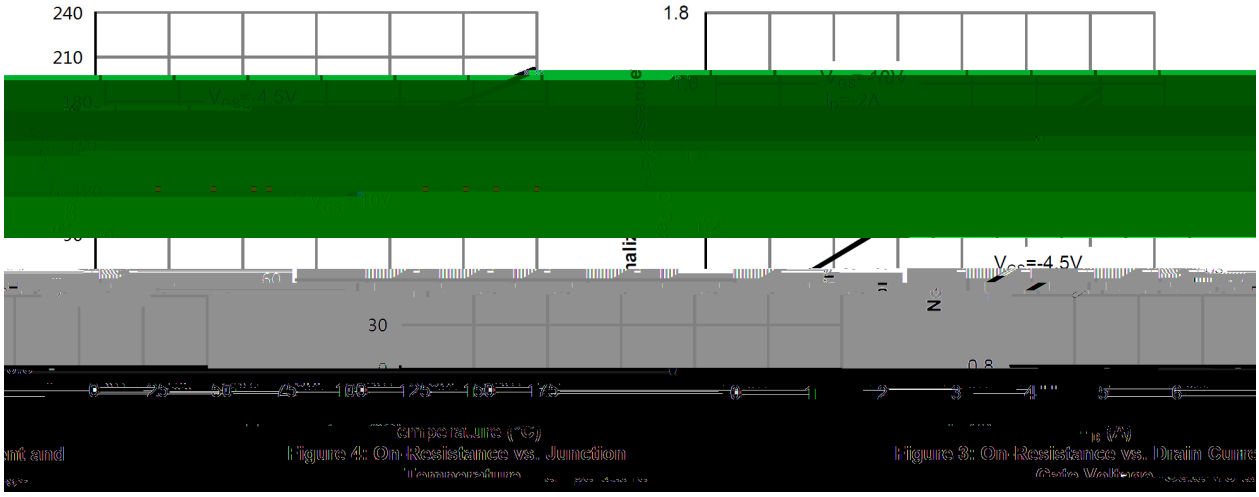
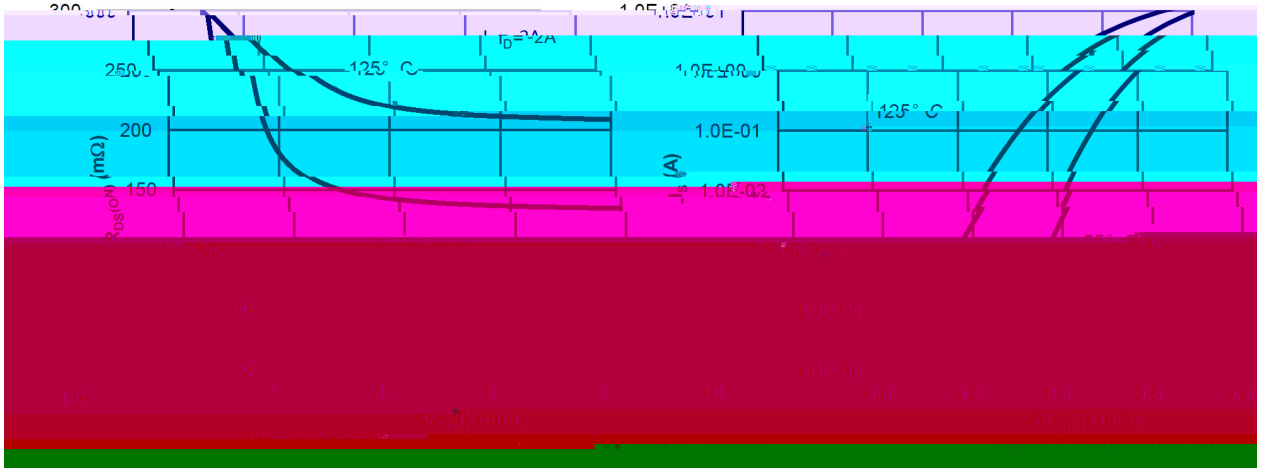
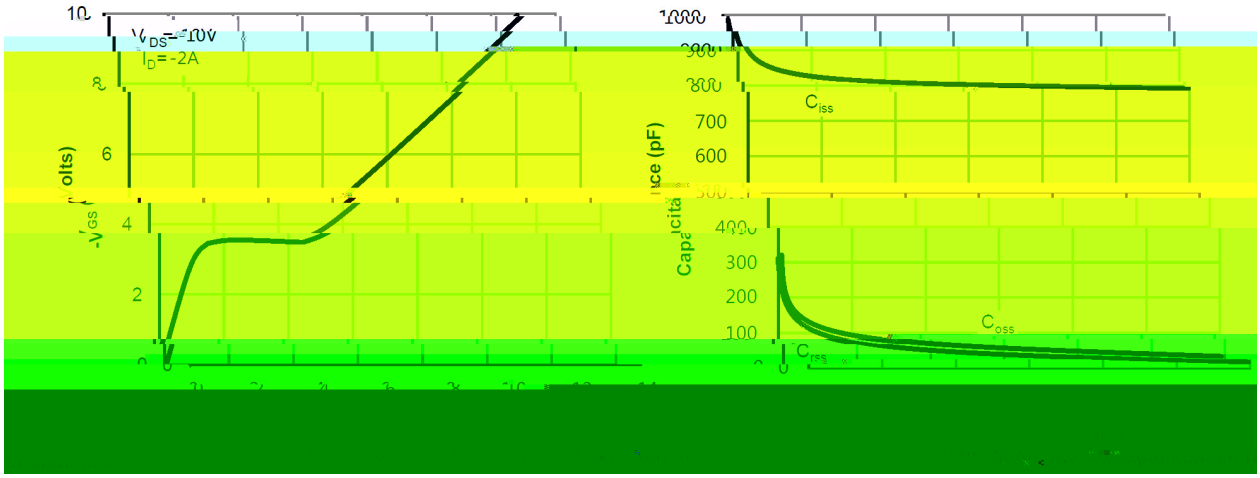


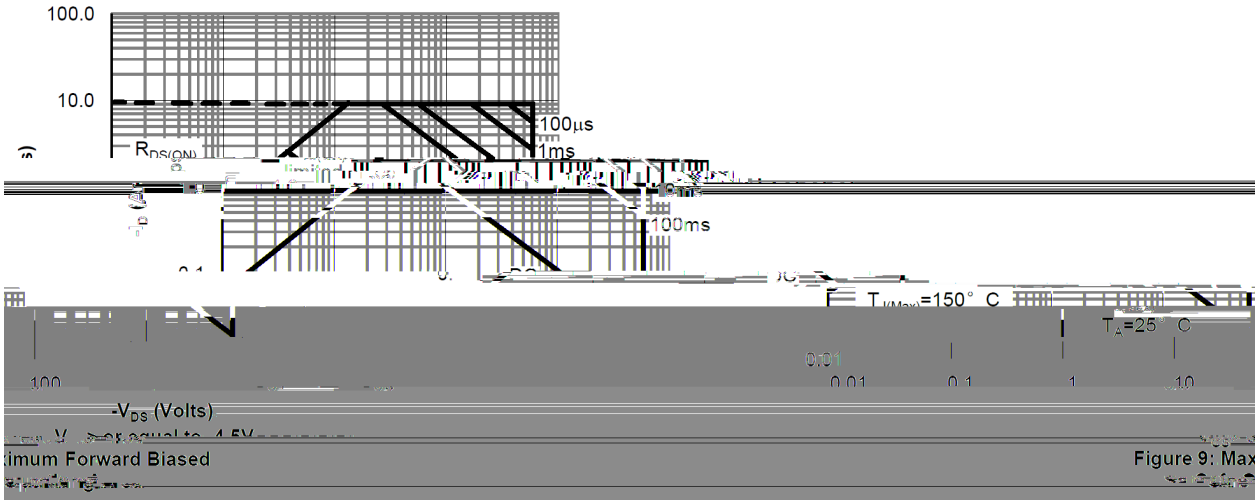
Figure 4: On-Resistance vs. Junction Temperature

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

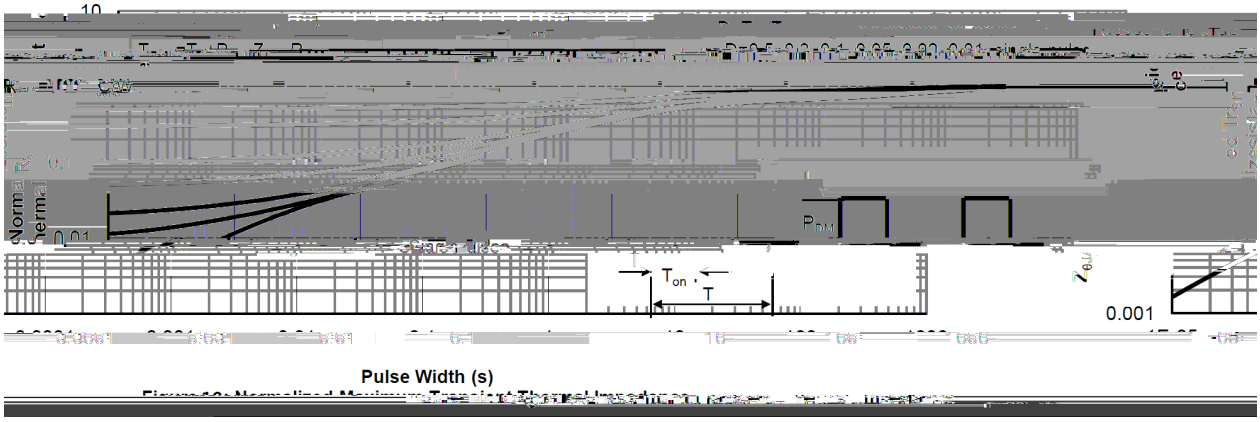


/ Electrical Characteristic Curve





imum Forward Biased Figure 9: Max



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

ب ˝ χ

1 Ĺ ♬ □ ỷ 150 Ḱ 180 ł ı `H ڑ 60 Ḱ 90sec;

Note:

1.Preheating:150~180 ł , a 62.94 5]TJ Tf1.0004 0 TD.0041 T