## / Descriptions

SOT-23 P

- CHANNEL MOSFET in a SOT-23 Plastic Package.

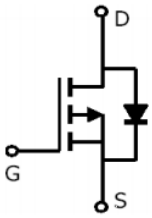
## / Features

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

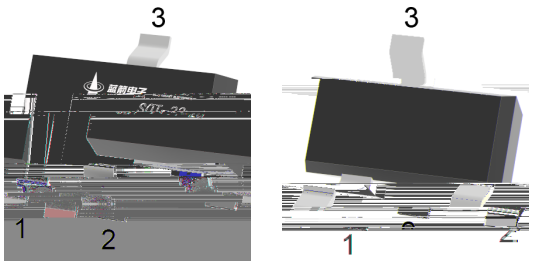
## / Applications

PWM application & Load switch

## / Equivalent Circuit




## / Pinning



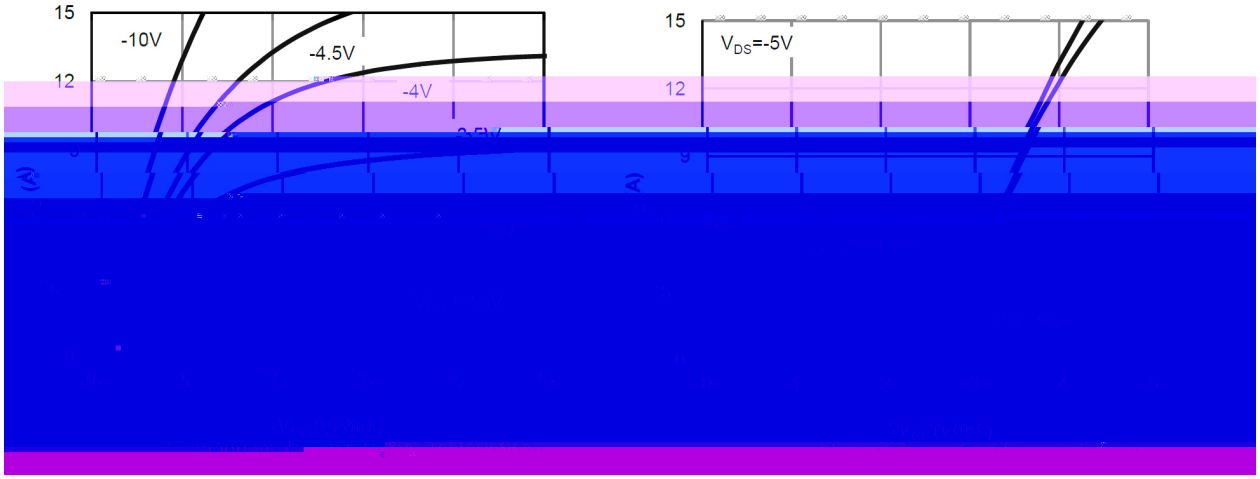

PIN1 G PIN 2 S PIN 3 D

## / 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



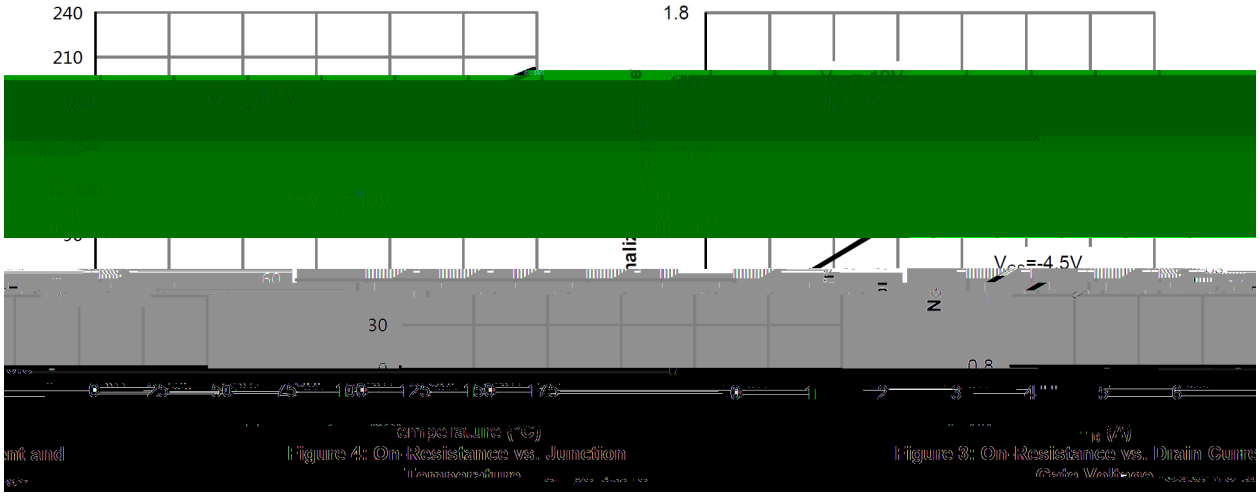
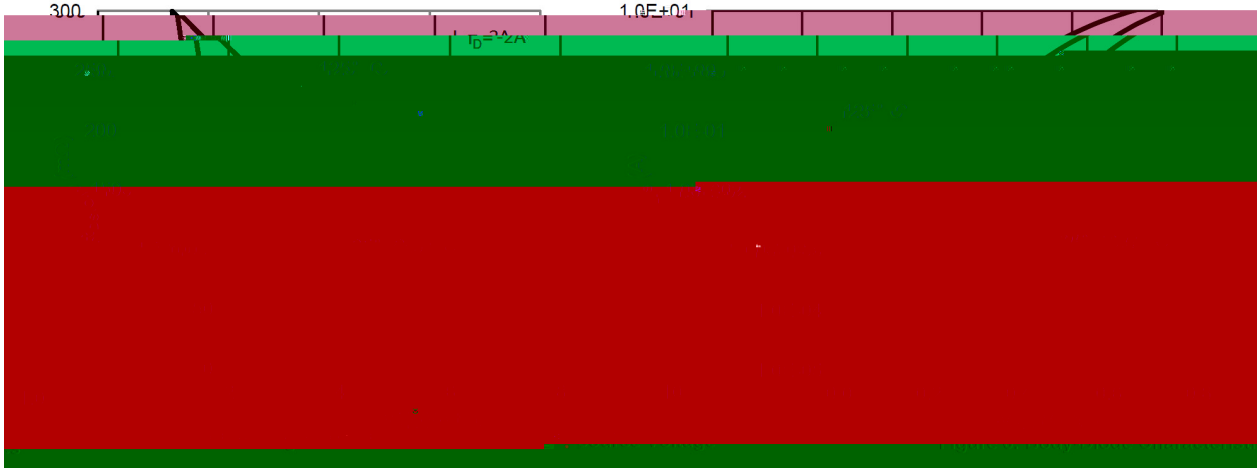
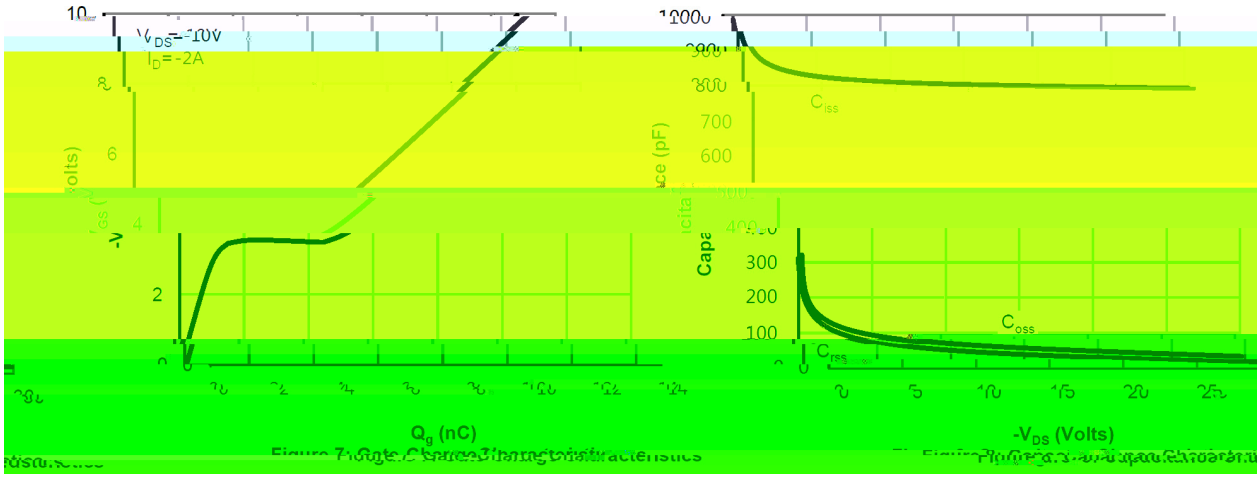




Figure 4: On-Resistance vs. Junction

Figure 3: On-Resistance vs. Drain Curre



## / Electrical Characteristic Curve



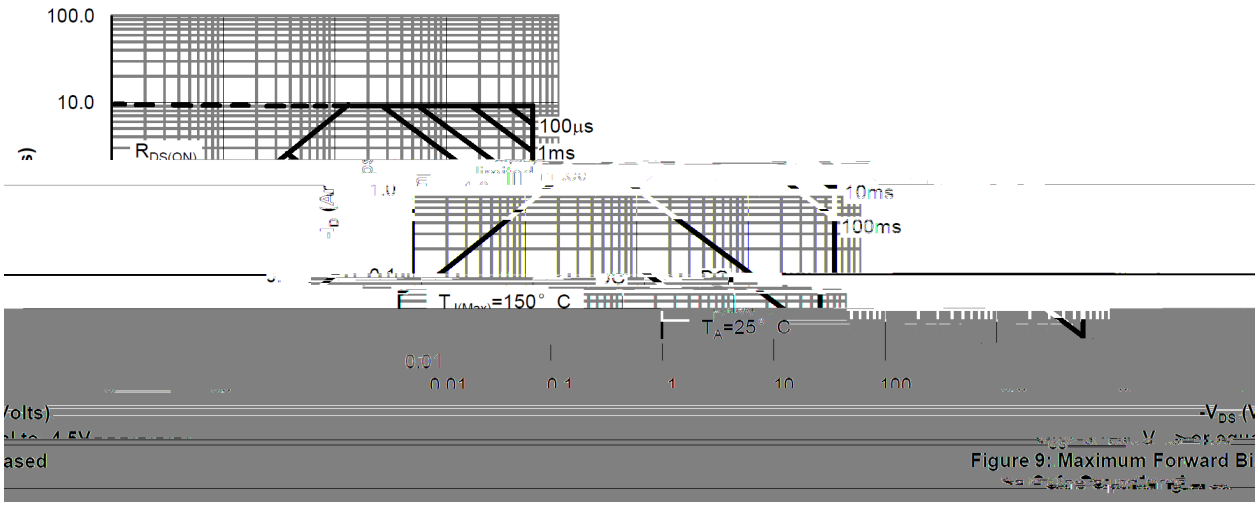
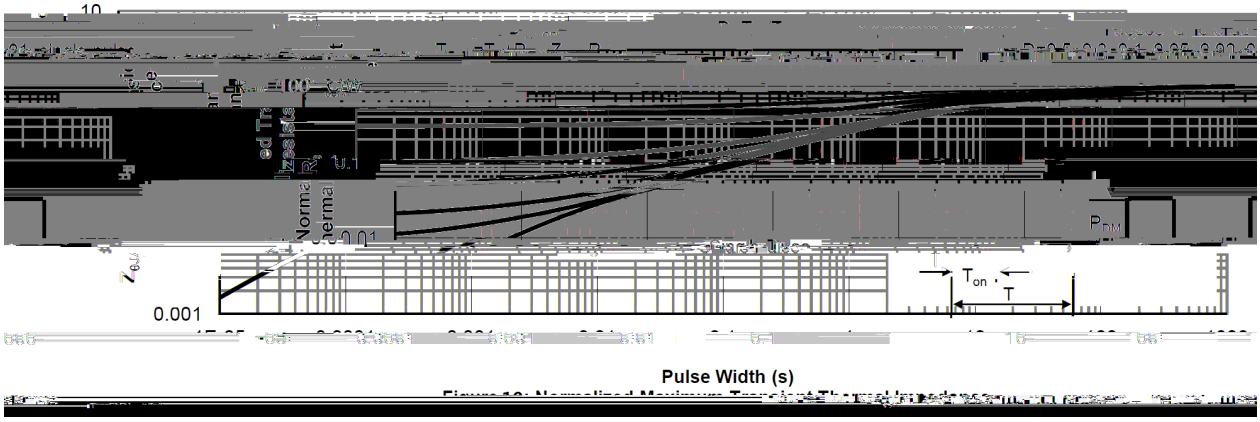




Figure 9: Maximum Forward Bi



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

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|---|---|---|---|---|---|
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| | | | | | |

Note:

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