

Rev. B Dec.-2018

SOT23-3 P MOS P- CHANNEL MOSFET in a SOT23-3 Plastic Package.

$V_{DS}(V) = -30V$

$I_D = -4.2 A (V_{GS} = -10V)$

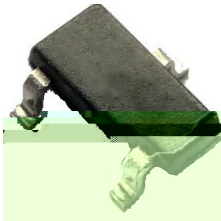
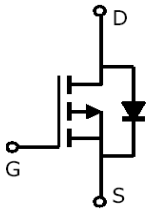
$R_{DS(ON)} < 60m (V_{GS} = -10V)$

$R_{DS(ON)} < 65m (V_{GS} = -4.5V)$

$R_{DS(ON)} < 120m (V_{GS} = -2.5V)$

Halogen free product.

This device is suitable for use as a load switch or in PWM applications.



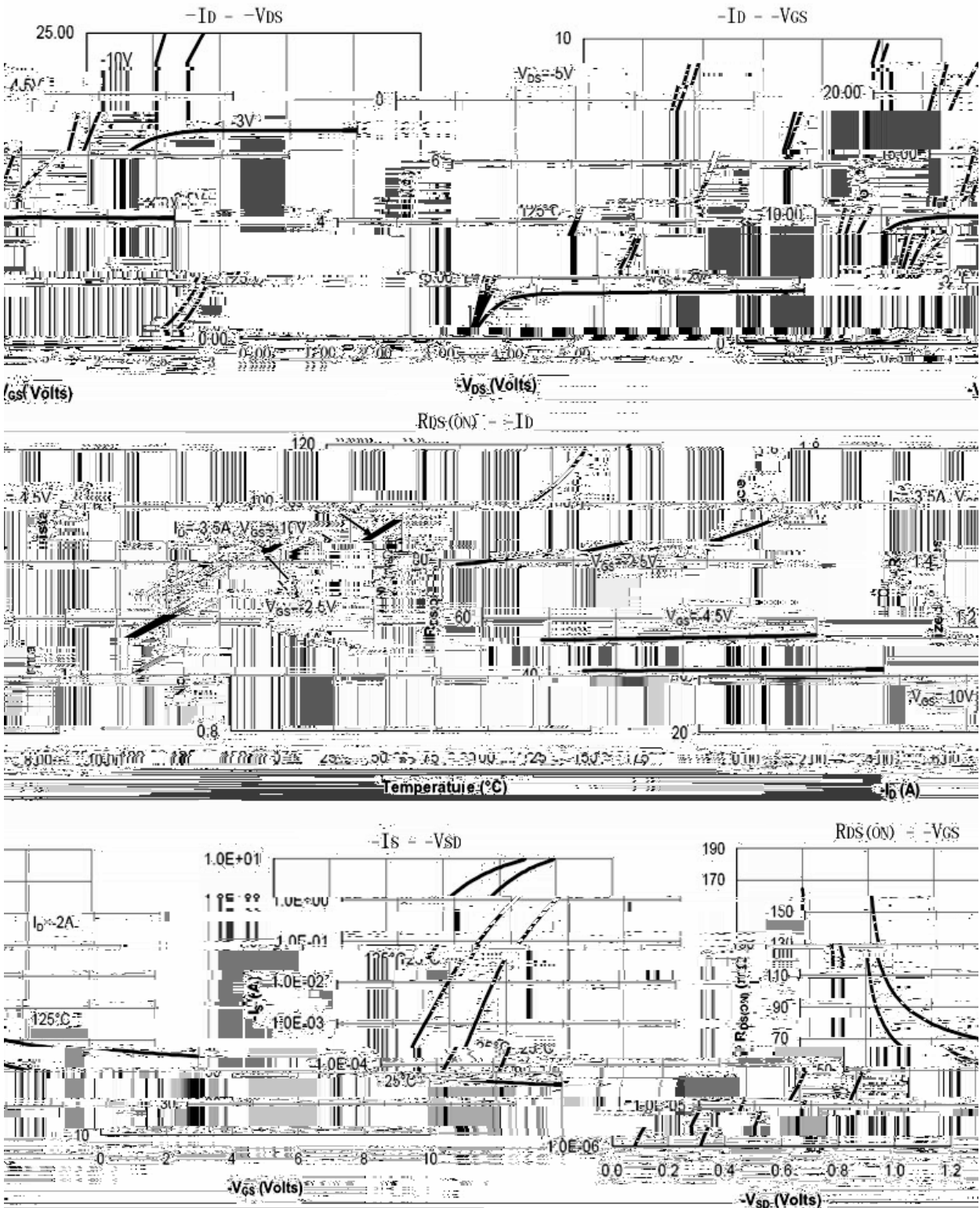
PIN1 G

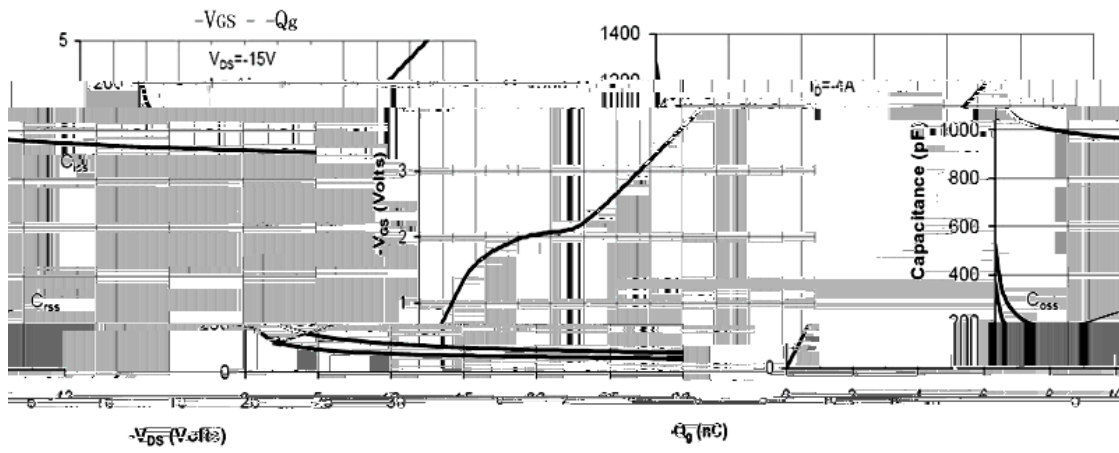
PIN 2 S

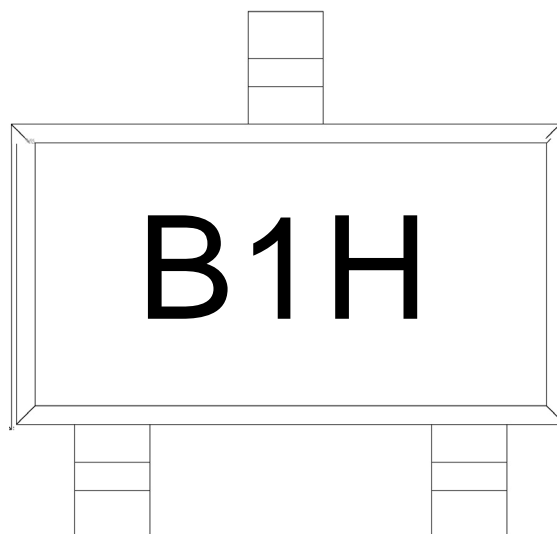
PIN 3 D

| | |
|---------|-----|
| Marking | B1H |
|---------|-----|

| Parameter | Symbol | Test Conditions | Min | Typ | Max | Unit |
|-----------|--------|-----------------|-----|-----|-----|------|
|-----------|--------|-----------------|-----|-----|-----|------|







B1

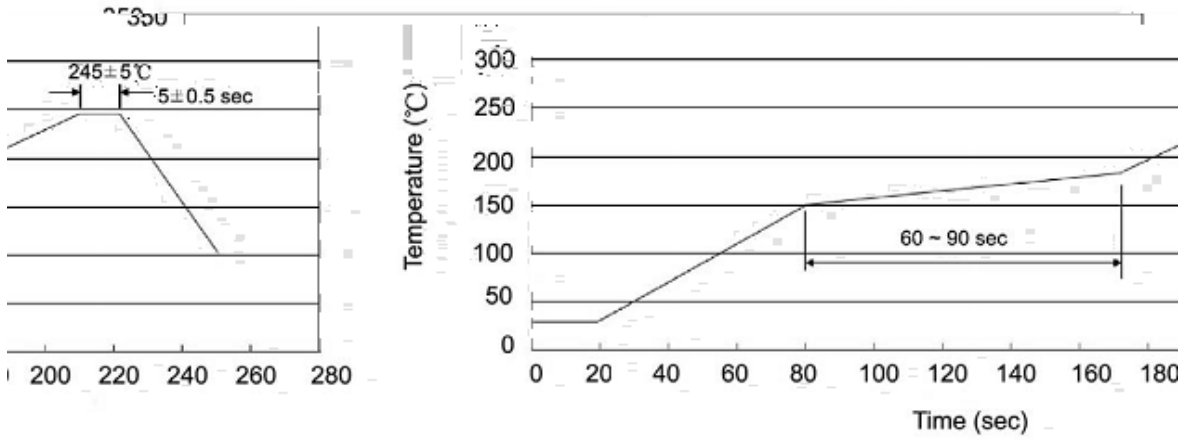
H

Note:

B1: Product Type Code.

H: Company Code.

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Note:

- | | | | | | |
|---|-------|-----|----|-----------|---|
| 1 | 150 | 180 | 60 | 90sec; | 1.Preheating:150~180 , Time:60~90sec. |
| 2 | 245±5 | | | 5±0.5sec; | 2.Peak Temp.:245±5 , Duration:5±0.5sec. |
| 3 | | 2 | 10 | /sec. | 3. Cooling Speed: 2~10 /sec. |

 260 ± 5
 $10 \pm 1 \text{ sec.}$

 Temp.: 260 ± 5

 Time: $10 \pm 1 \text{ sec}$

/ REEL