## 5 é / Descriptions

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Low dropout linear regulator in a SOT23-3 Plastic Package.

## ¤ ª / Features

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## Ð ÷ / Applications

9 _ • › — Õ k * ' — Õ k º È y , È — Õož

For use in power equipment,Communication equipment,Audio and video equipment.

## Ã W ] Ô · / Equivalent Circuit

## • Û - æ / Pinning

| – | d f | | – | d f | |
|---|---|---|---|---|---|
| 1 | GND | › ª | 3 | VIN | 9 ÿ µ € |
| 2 | VOUT | 9 ÿ ß € | | | |

## , M V / Marking

• - ~ ª ¢ož See Marking Instructions.

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| | ÿ ß 9 g1 h | $V_{OUT}$ g E h | $I_{OUT}$=10mA | 3.234 | 3.3 | 3.366 | V |
| | ÿ µ ÿ ß 9 [ g2 h | $V_{dif}$ | $I_{OUT}$=100mA<br>$V_{OUT}$=3.3V | | | | |

| @ *f* | … Z | y ¡ Ú ^ | Â 4 › | Á º › | Â Ý › | % y |
|---|---|---|---|---|---|---|
| › ¼ f ò A | PSRR | $I_{OUT}$=50mA È f=100Hz | | 80 | | dB |
| | | $I_{OUT}$=50mA È f=1kHz | | 70 | | |
| | | $I_{OUT}$=50mA È f=10kHz | | 60 | | |
| | | $I_{OUT}$=50mA È f=100kHz | | 50 | | |
| ÿ ß ™ Ò 9 | $V_{ON}$ | BW=10Hz to 100kHz | | 90 | | $uV_{RMS}$ |

(1) $V_{OUT\ gE\ h}$ Ž ÿ ß 9 k $V_{OUT\ gS\ h}$ — ö f ÿ ß 9

(2) ÿ µ ÿ ß 9 [ # y ¡ ¿ ú Ú ^ k ÿ ß 9 $V_{OUT}$ k Ù ã ‘ ÿ µ 9 k + ÿ ß 9 ‘ z ñ $V_{OUT}$*98% ž k ÿ µ 9 y ÿ ß 9 [ ›ož

## Ô ? d • Ž ¢ / Electrical Characteristic Curve

## À ¹ € Đ Ô · / Typical Application Circuit

### Â Î • / Basic Application

### ÿ ß Ý v 9 ² - ˜ / High Output Current Voltage Regulator

### ? è ‘ • / Short-Circuit Protection

## À ¹ € Đ Ô · / Typical Application Circuit

ÿ ß ä 9 è / Circuit for Increasing Output Voltage

ÿ ß v ² - è / Constant Current Regulator

E ÿ ß è / Double Output Circuit

## Ø ¤ = ) ¢ / Package Dimensions

## , M y ƒ / Marking Instructions

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Note:

7533H: Product Type Code

****: Lot No. Code, code change with Lot No