"Yت / Descriptions

VOW0;< Ь Ң ۱ ۷

Low dropout linear regulator in a SOT-89 Plastic Package .

◕ È / Features

Ң ¯ ɔ ╚ 2uA

ڑ ɔ ╚ 250mA

Ң 450mV@100mA(V_{OUT}=3.3V)

ڃ ۷ ±2%

ڃ ɔ ◊ ⅝ 70dB@1kHz

Ң ڑ 90uV$_{RMS}$ ε 10Hz~100kHz ζ

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४ ڍ / Applications

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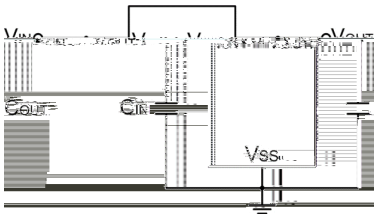
ِ ֆ OBJ ۷ ɔ ◊

ɔ ˇ ʊ OBJ ۷ ɔ ◊

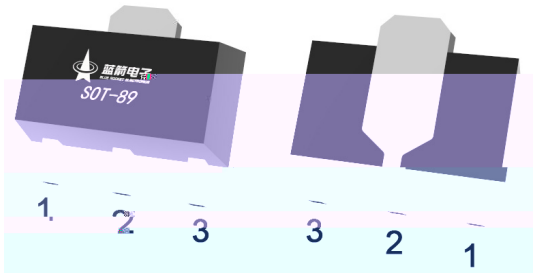
۷ ɔ ʔ OBJ ۷ ɔ ◊

"Ą ۲ OBJ ۷ ɔ ◊

Л ف ً ق̃ ≠ ع / Equivalent Circuit



ã ۱ ŭ ً / Pinning



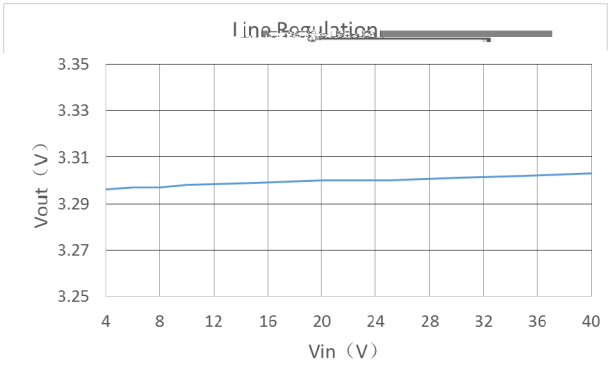
PIN1 GND PIN 2 VIN PIN 3 VOUT

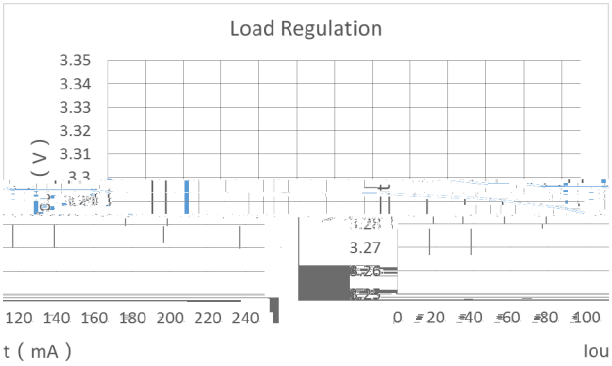
ł. нД / Marking

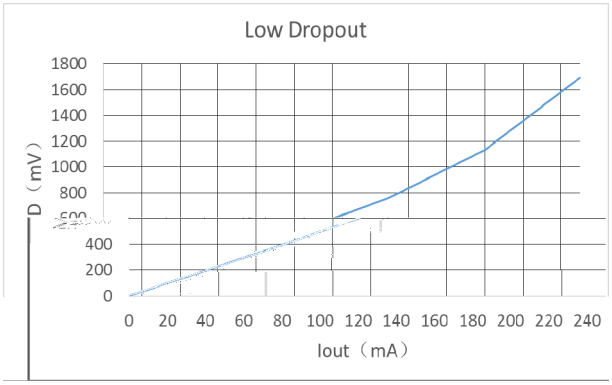
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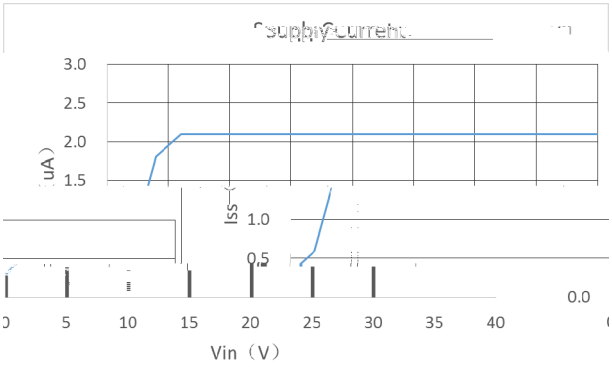
See Marking Instructions.

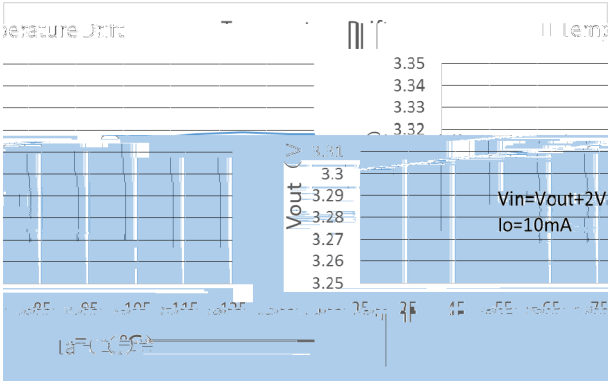
≠ ∃ Ã´E ∀ ƒ / Electrical Characteristic Curve





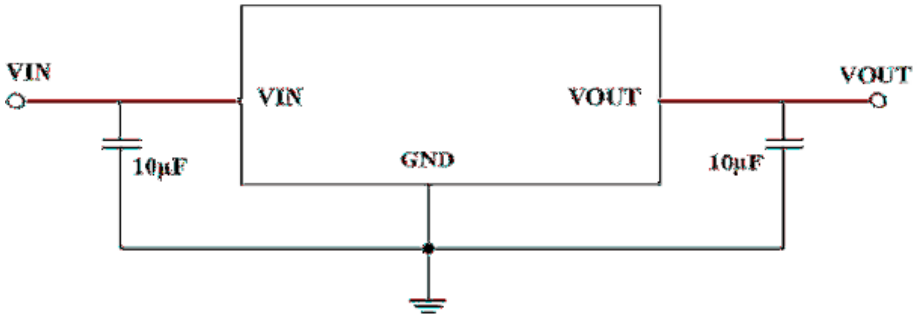




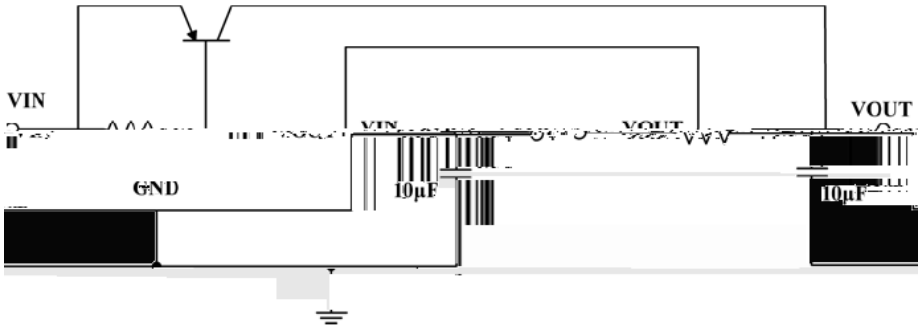


ъ ц ҙ ч ≠ ɛ / Typical Application Circuit

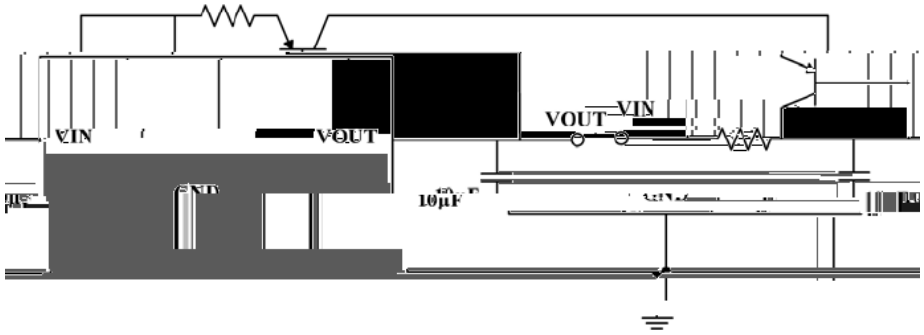
ŕ / Basic Application



ڑ د ╚ د ذ ` / High Output Current Voltage Regulator

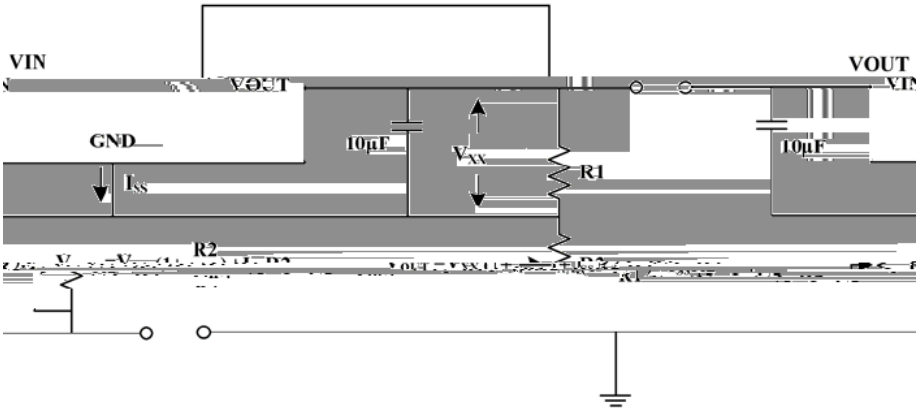


˜ ث ŕ / Short-Circuit Protection

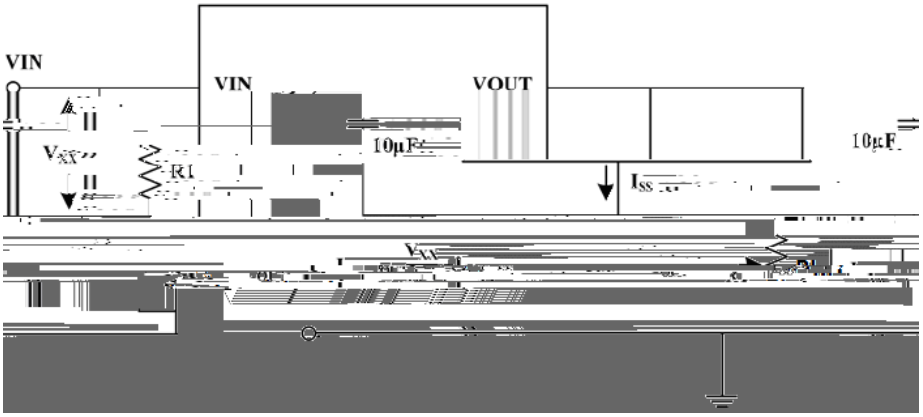


ъцzчэе / Typical Application Circuit

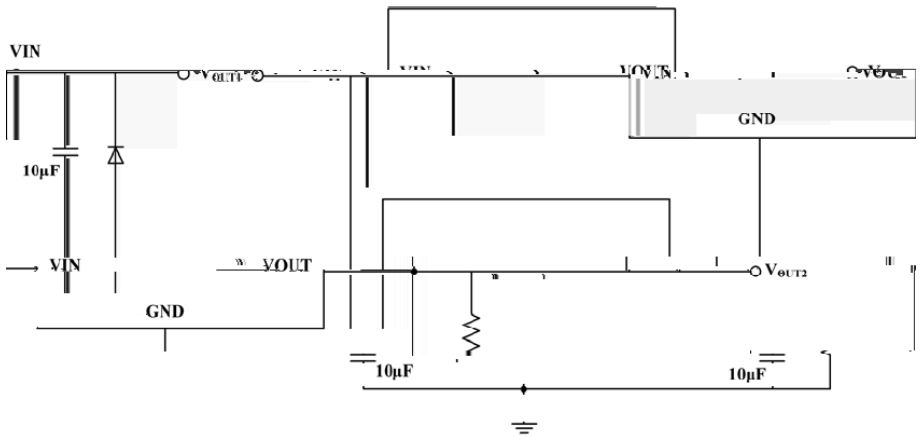
ڑ ڪ د ت / Circuit for Increasing Output Voltage



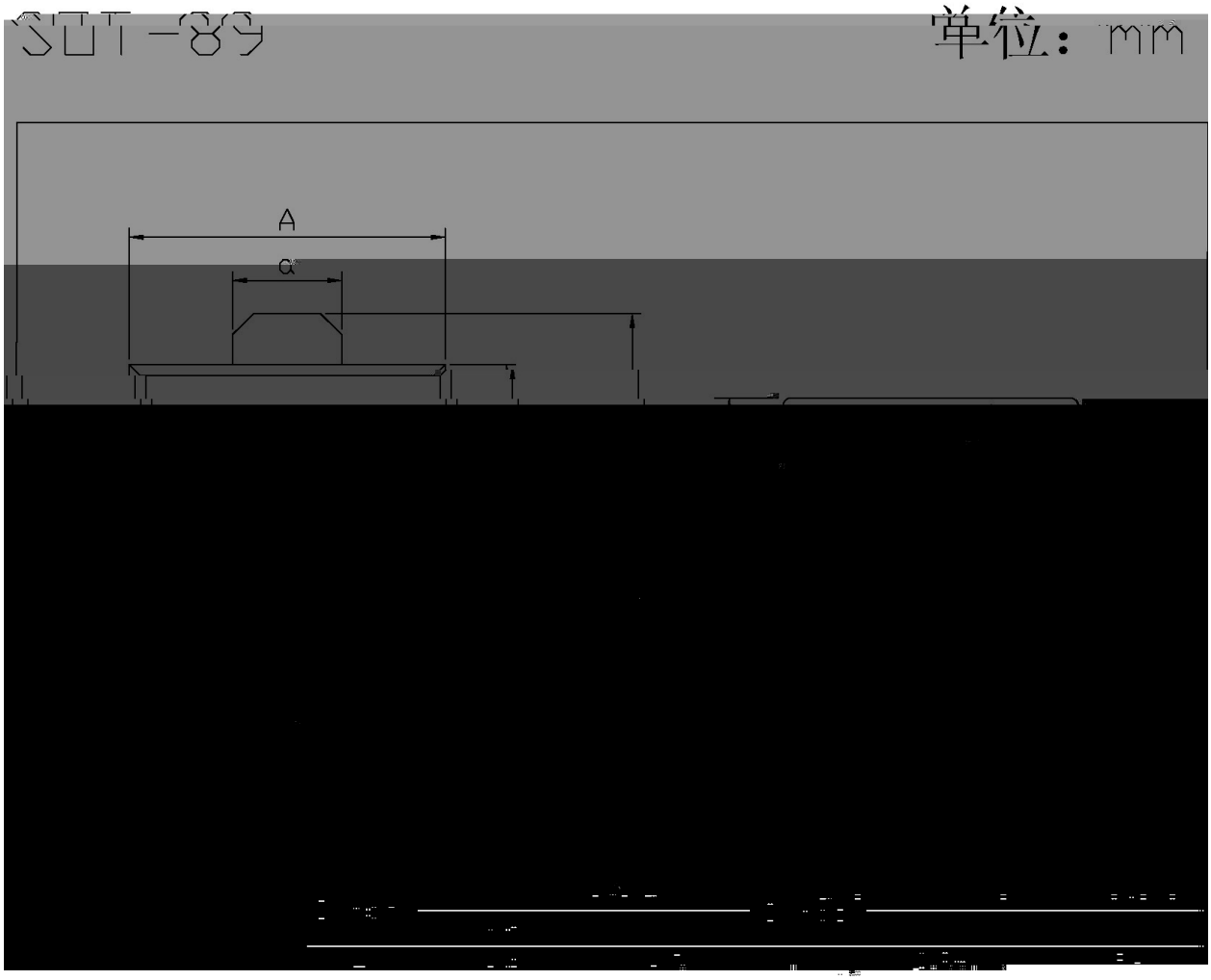
ڑ د ╙ ذ ` د ت / Constant Current Regulator



ڑ د ت / Double Output Circuit



ᵘ ĖÒĻ ʃ / Package Dimensions



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ب ˜

1 Ĺ ♬ □ 150 180 `H ڑ 60 90sec;

2 □ 245±5 `H ڑ ﾊ 5±0.5sec;

3 ì ﾘ ﻩ 2 10 /sec.

Note:

1.Preheating:150~180 , Time:60~90sec.

2.Peak Temp.:245±5 , Duration:5±0.5sec.

3. Cooling Speed: 2~10 /sec.

ﾍ Ü ɋ ‗ `Y Ţ / Resistance to Soldering Heat Test Conditions

□ 260±5 `H ڑ 10±1 sec. Temp.:260±5 Time:10±1 sec

ɒ Ł ﾍ — / Packaging SPEC.

` Ł / REEL

Package Type	Units	Dimension	(unit mm³) Ă