"Yت / Descriptions

VOW0;< Ł Ḥ ɨ ꓘ

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

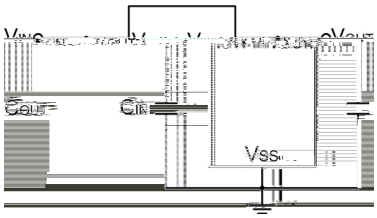
◕ È / Features

- Ḥ ̄ ɔ ⅃ 2uA
- ʒ ɔ ⅃ 250mA
- Ḥ 450mV@100mA(V_{OUT}=3.3V)
- ɔ ꓘ ±2%
- ɔ ɔ ◊ ⅝ 70dB@1kHz
- Ḥ ʒ 90uV_{RMS} ε 10Hz~100kHz ζ
- ̄ OBJ ʒ ɨ ʒ ق ̓ ɔ
- ɹ ɔ ⅃ ں ~ ث
- ♬ص
- ̀ṇ

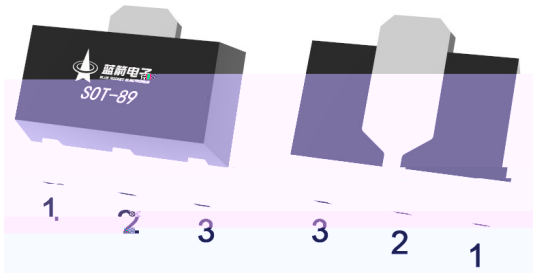
ɐ ɘ / Applications

- ɨ ɔ – ɔ ϕ OBJ ꓘ ɔ ◊
- ɲ ϕ OBJ ꓘ ɔ ◊
- ɔ ̌ ʊ OBJ ꓘ ɔ ◊
- ꓘ ɔ ʔ OBJ ꓘ ɔ ◊
- ̈Ạ ɨ OBJ ꓘ ɔ ◊

Л ق ̃ ̃ ≠ ع / Equivalent Circuit



ã ɹ ʊ̃ / Pinning



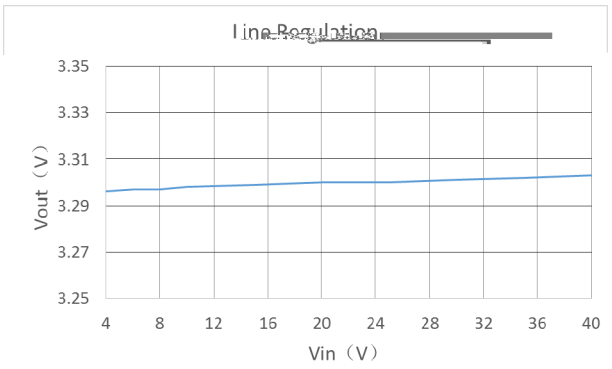
PIN1 GND PIN 2 VIN PIN 3 VOUT

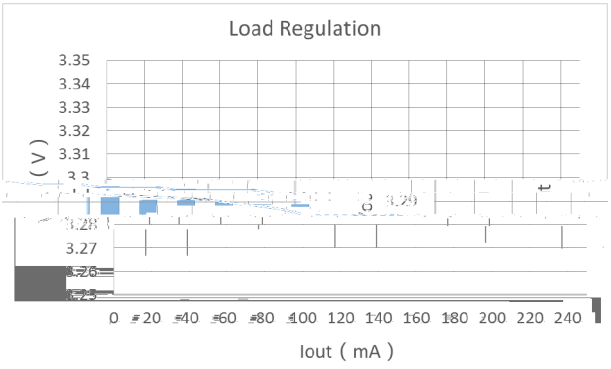
ɬ. ʜ ɓ / Marking

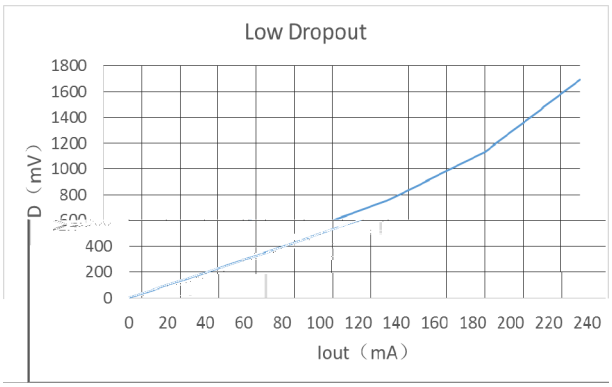
 δ ꓘ ب ̈

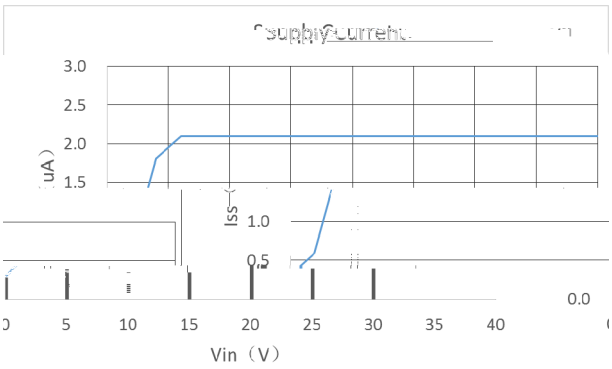
See Marking Instructions.

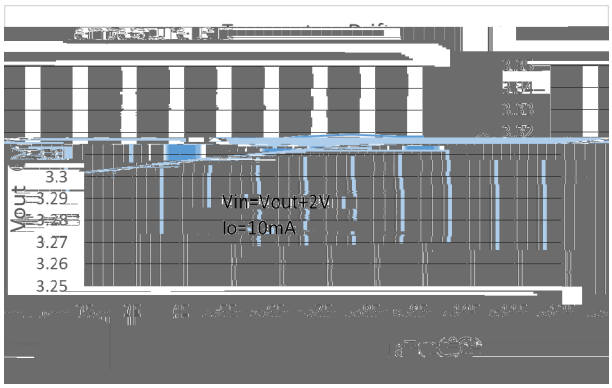
ƒ Electrical Characteristic Curve





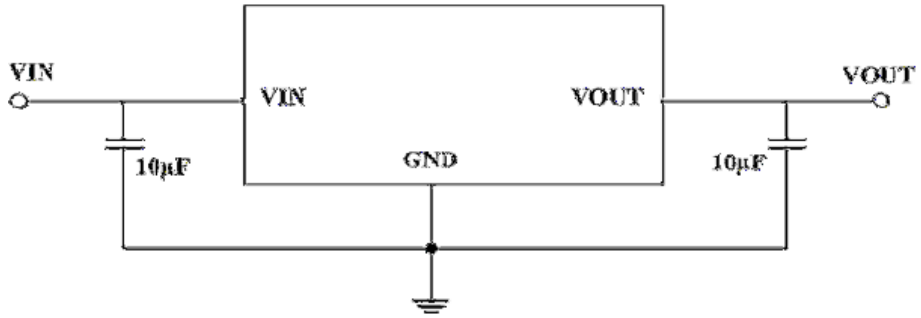




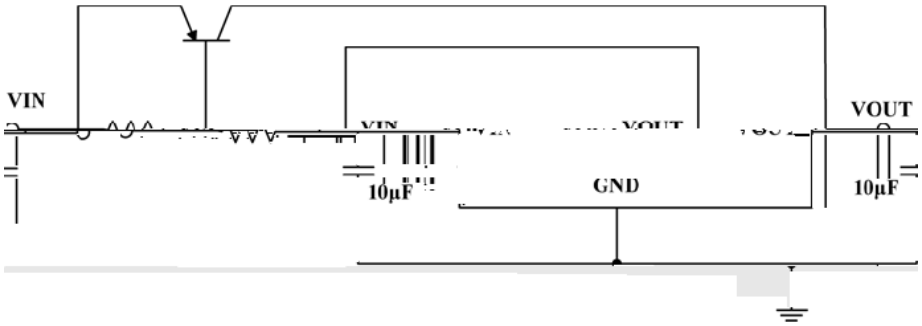


ʊ ɥ ʐ ɤ ɜ ɛ / Typical Application Circuit

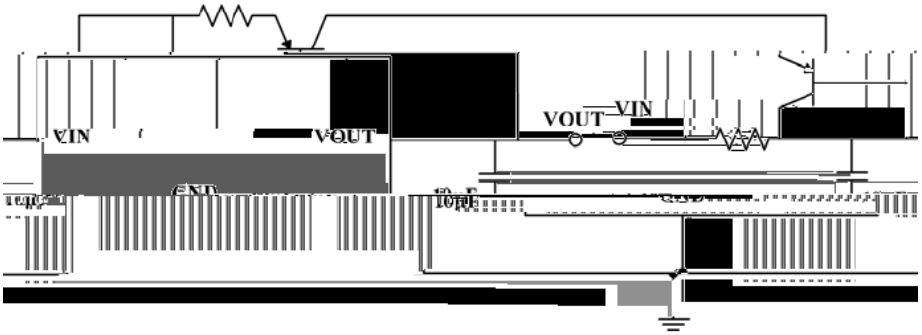
ɾ / Basic Application



ʒ ɔ ʟ ɔ ʝ ʞ / High Output Current Voltage Regulator

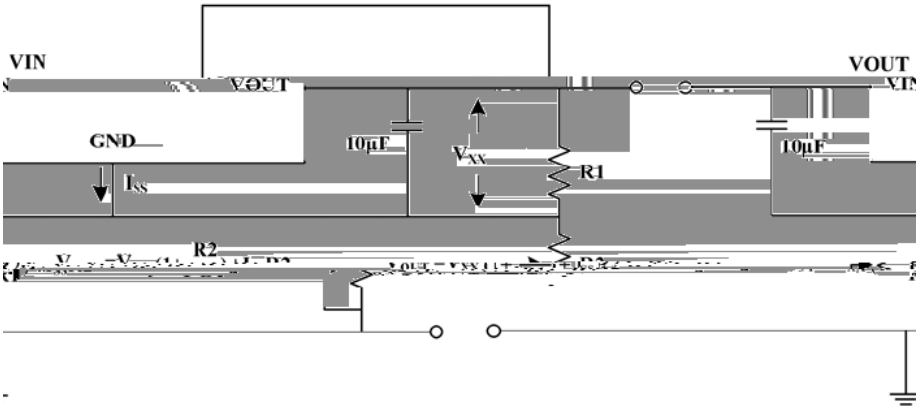


˜ ʘ ɾ / Short-Circuit Protection

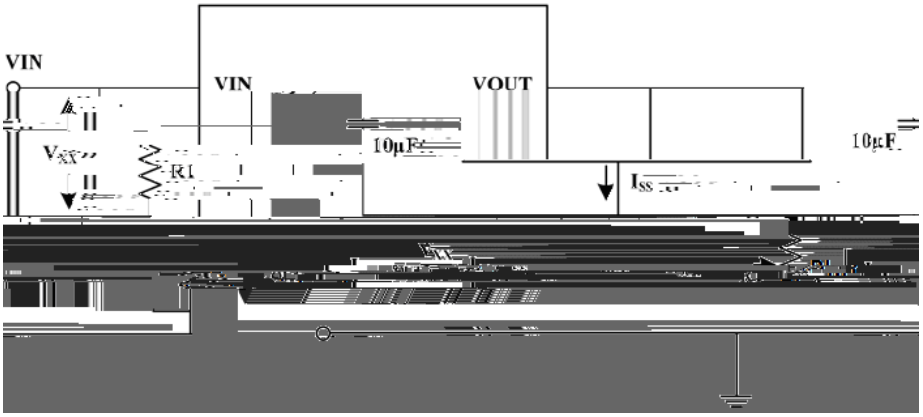


ᴛ ɥ ʐ ᴡ ᵊ ᴇ / Typical Application Circuit

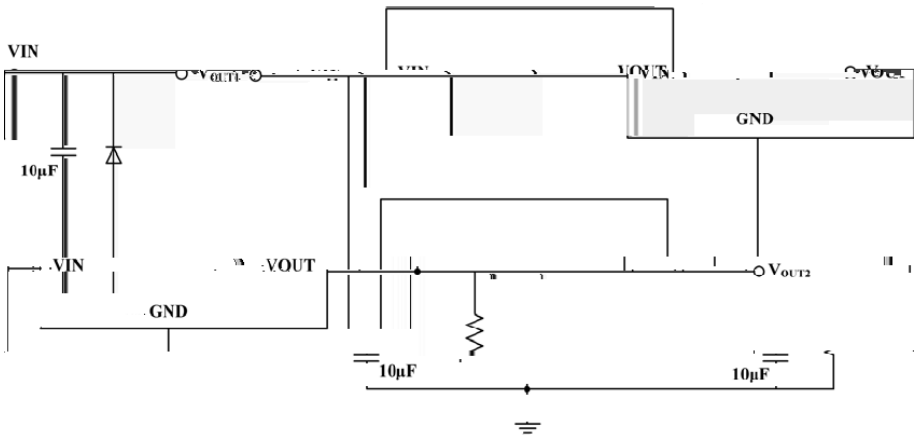
ᴊ ᴄ ᴐ ᴐ ᴛ / Circuit for Increasing Output Voltage



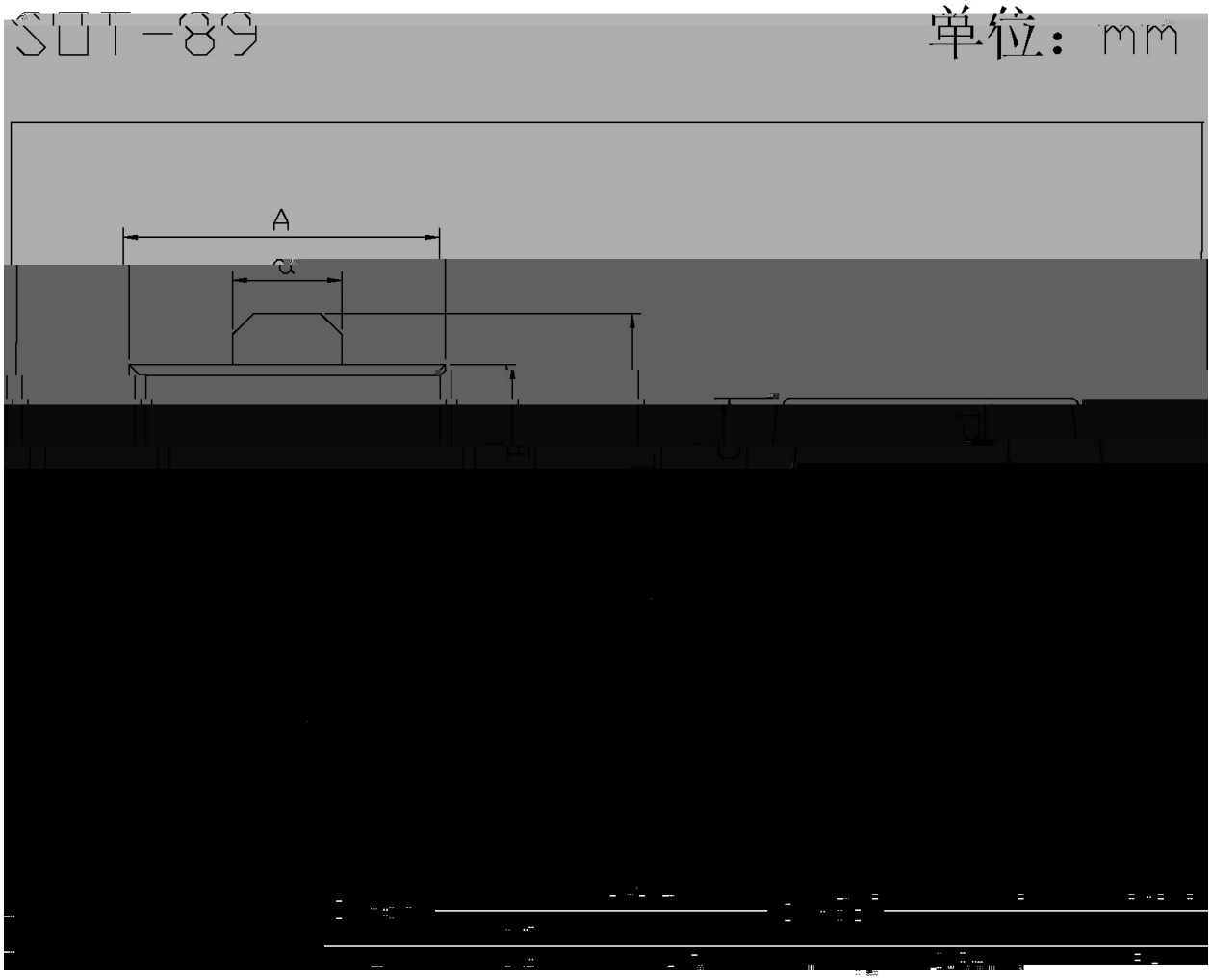
ᴊ ᴐ ᴌ ᴊ ` ᴐ ᴛ / Constant Current Regulator



ᴊ ᴐ ᴛ / Double Output Circuit



ᵘ ĖÒĻ ʃ / Package Dimensions



ŧħ ʃ ╗ ẘ ´E ⅵ ƒ (ᾢ ǰ) / Whp shudwxuh Suriloh iru LU Uhior z Vroghulqj+Se0luhh,

ب ˝

1 أ ♬ □ 150 180 `H ڑ 60 90sec;

2 □ 245±5 `H ڑ ⅵ 5±0.5sec;

3 ì ⅵ ھ 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.

⅃ ǖ ɑ ˝ `Y Ţ / Resistance to Soldering Heat Test Conditions

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

ɒ ⊢ ⊲ — / Packaging SPEC.

` ⊢ / REEL

Package Type	Units	Dimension	(unit mm³) Ǎ