

/ Descriptions

SOT-89

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

/ Features

20V

1.5 μ A

$\pm 2\%$

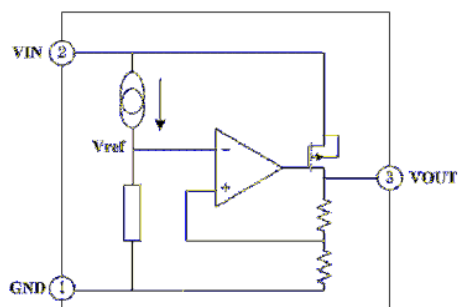
AEC-Q100

Low power consumption, Low voltage drop, Small temperature drift coefficient, High input voltage up to 20V, The static current 1.5 μ A, The output voltage accuracy: $\pm 2\%$, Qualified to AEC-Q100 Standards for High Reliability, HF Product.

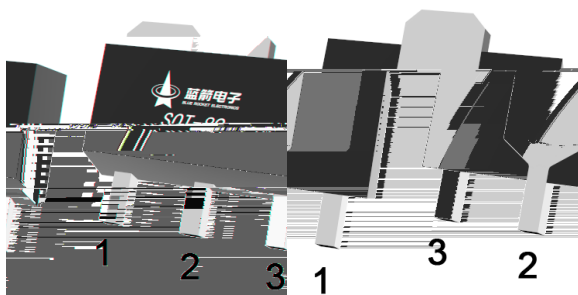
/ Applications

For use in power equipment, Communication equipment, Audio and video equipment, Meet the stringent requirements of automotive applications.

/ Equivalent Circuit



/ Pinning



PIN1 GND PIN 2 VIN PIN 3 VOUT

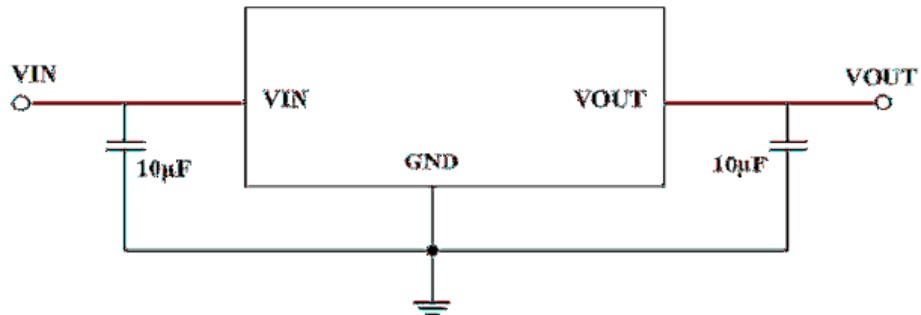
/ Marking

/ See Marking Instructions.

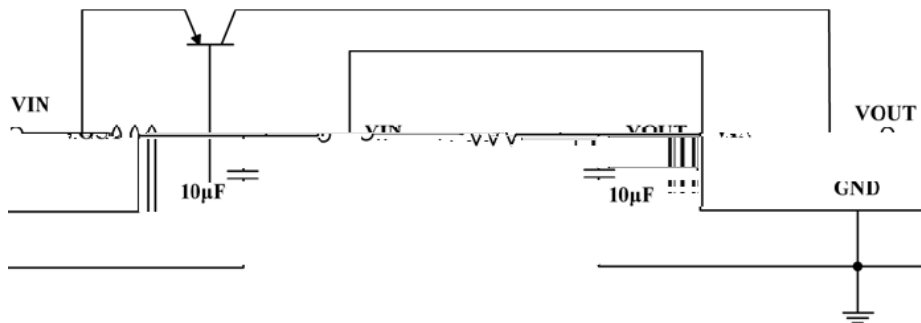
Parameter	Symbol	Rating	Unit
Working Voltage			

/ Typical Application Circuit

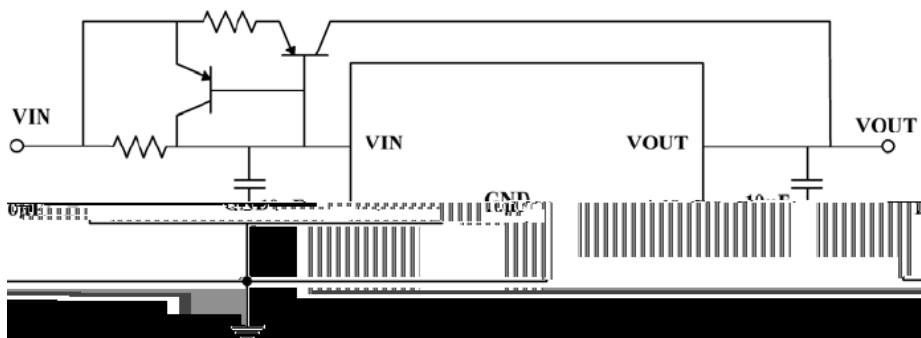
/ Basic Application



/ High Output Current Voltage Regulator

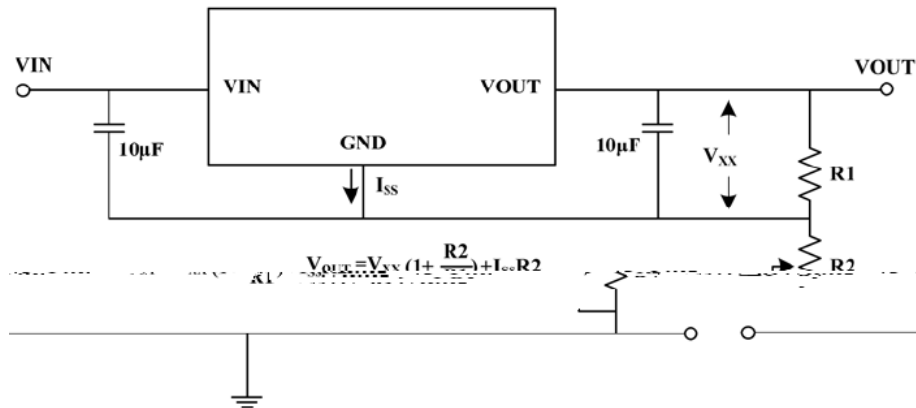


/ Short-Circuit Protection

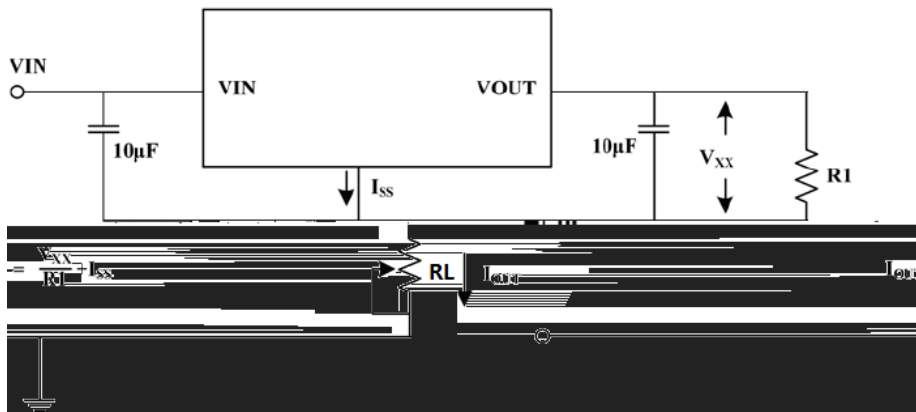


/ Typical Application Circuit

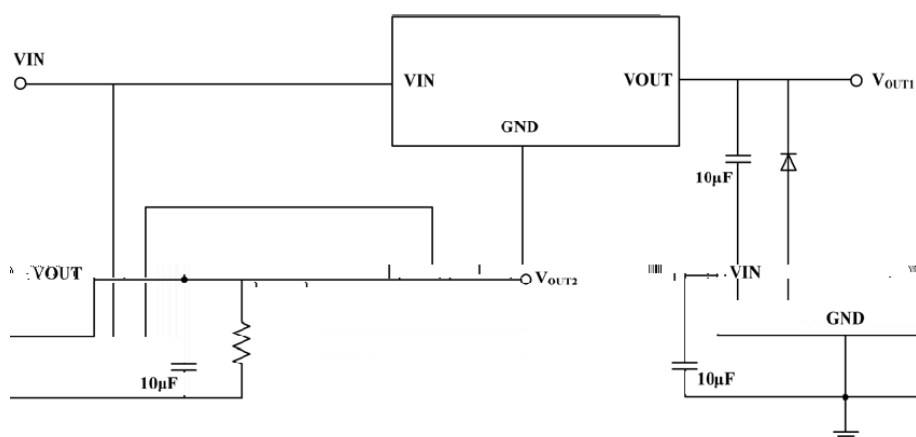
/ Circuit for Increasing Output Voltage



/ Constant Current Regulator

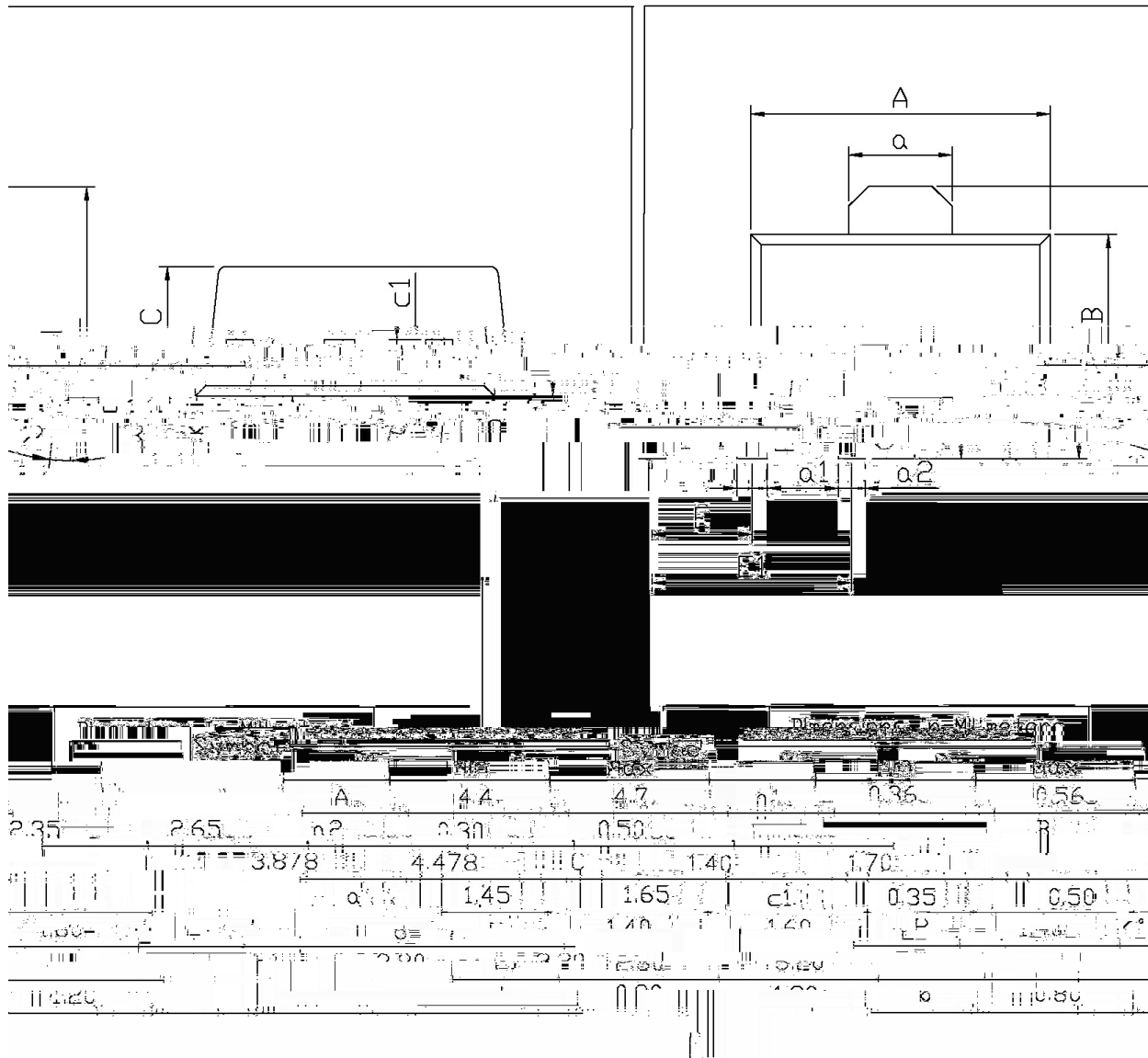


/ Double Output Circuit

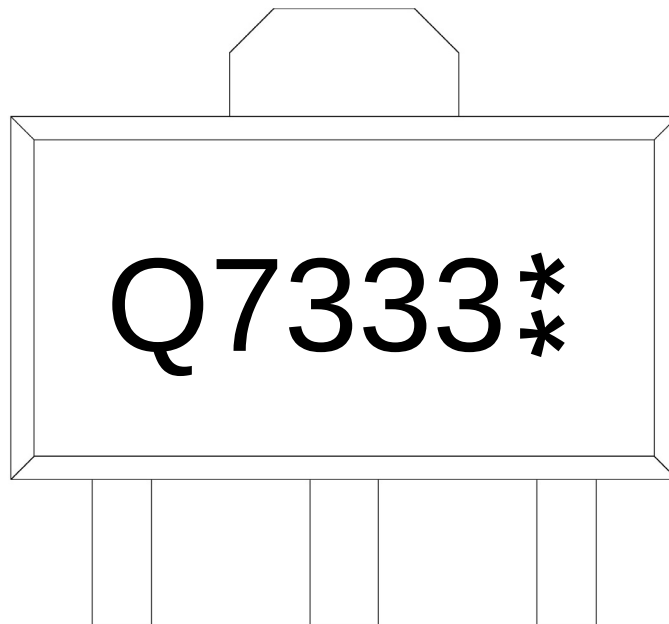


/ Package Dimensions

单位: mm



/ Marking Instructions



Q

7333

**

Note:

Q: Automobile halogen-free product Code

7333: Product Type

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

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

Note:

- 1

150 200

60 120sec;

1.Preheating:150~200 , Time:60~120sec.
- 2

255±5

5±0.5sec;

2.Peak Temp.:255±5 , Duration:5±0.5sec.
- 3

2 10

/sec.

3. Cooling Speed: 2~10 /sec.

/ Resistance to Soldering Heat Test Conditions

260±5