

BRC07333HT

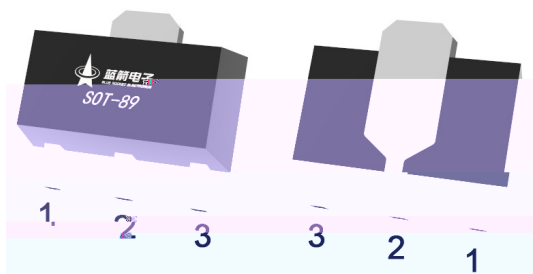
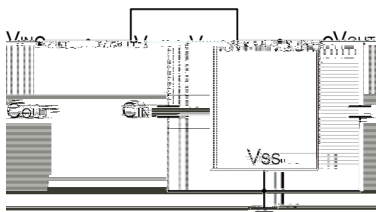
Rev.B Apr.-2024

V_{OW0} ; <

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

- ◆ 2uA
- ◆ 300mA
- ◆ 200mV@100mA(V_{OUT}=3.3V)
- ◆ ±2%
- ◆ 70dB@1kHz
- ◆ 90uV_{RMS} 10Hz~100kHz
- ◆
- ◆
- ◆
- ◆

- ◆
- ◆
- ◆
- ◆
- ◆



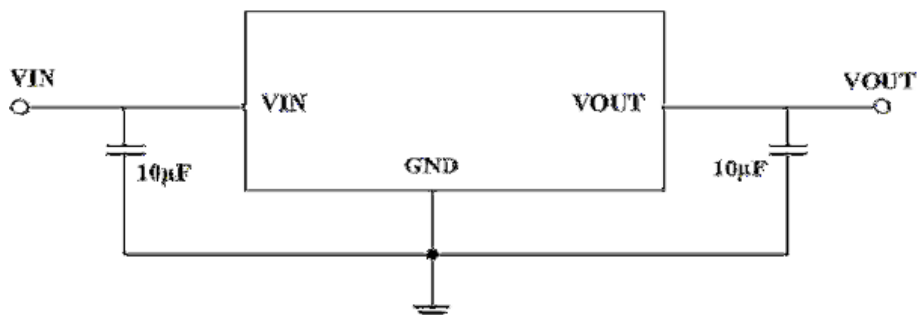
PIN1

	V _{IN}	-0.3 to 40	V
	I _{OUT}	600	mA
	P _D	0.6	W
	T _{stg}		

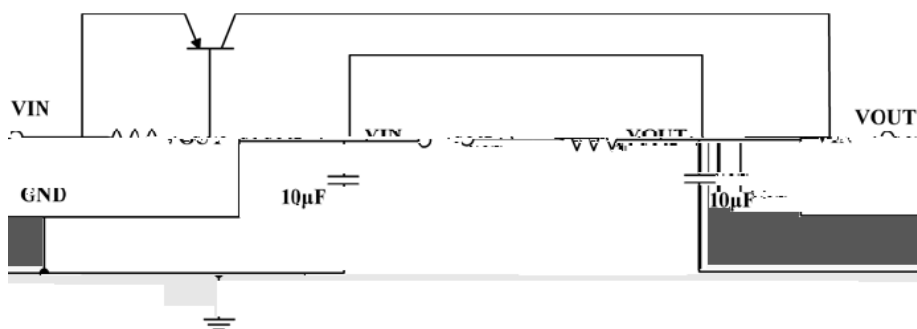
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/ Typical Application Circuit

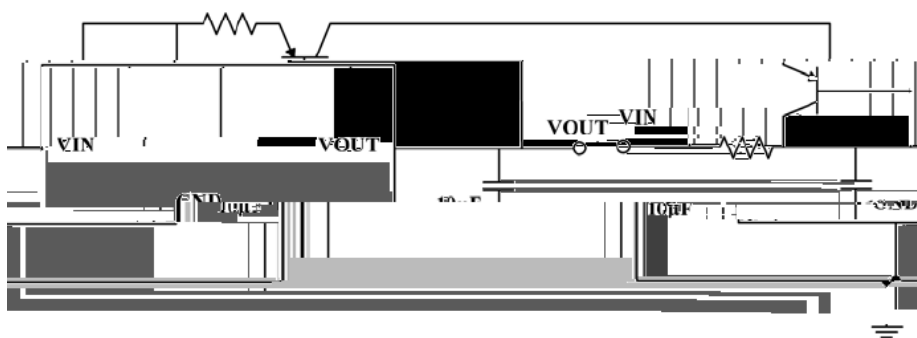
/ Basic Application



/ High Output Current Voltage Regulator

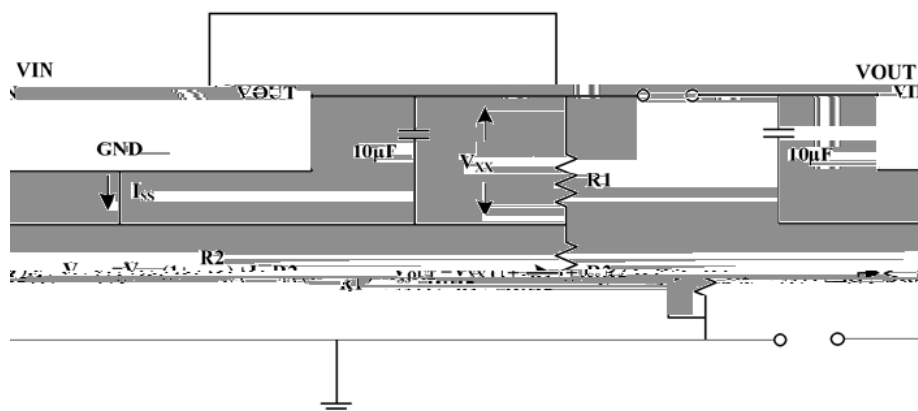


/ Short-Circuit Protection

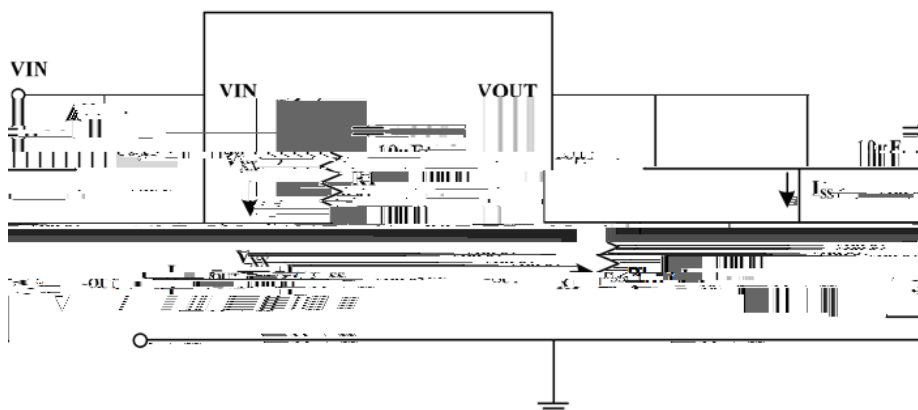


/ Typical Application Circuit

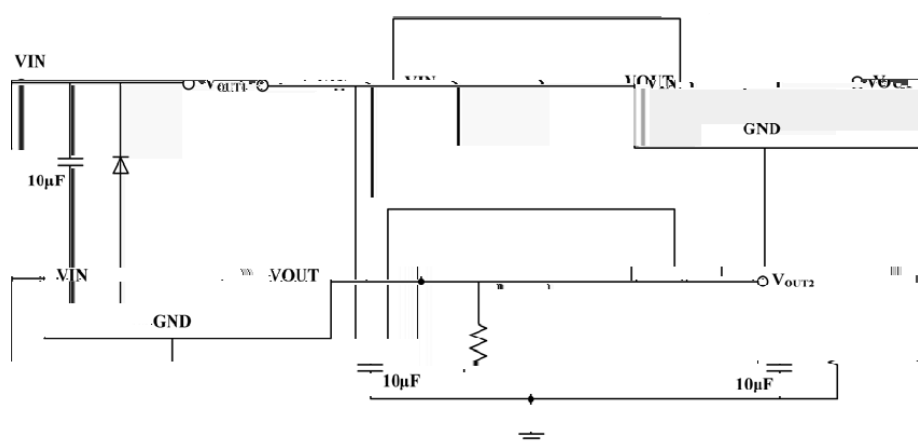
/ Circuit for Increasing Output Voltage



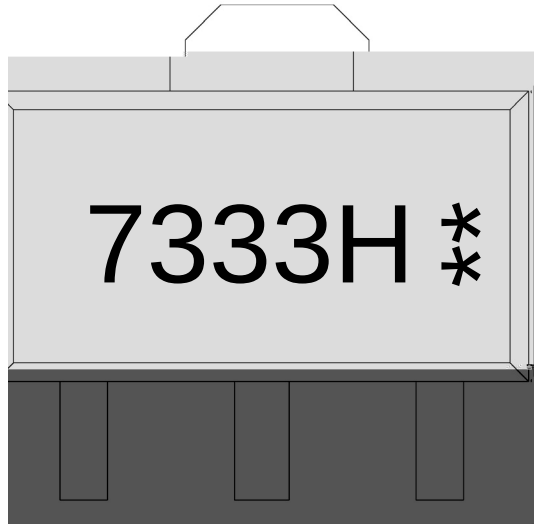
/ Constant Current Regulator



/ Double Output Circuit



/ Marking Instructions



7333H

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Note=

7333H: Product Type Code

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

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

- Note:

1 150 180 60 90sec;

2 245±5 5±0.5sec;

3 2 10 /sec.

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

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

3. Cooling Speed: 2~10 /sec.

/ Resistance to Soldering Heat Test Conditions

260±5 10±1 sec. Temp.:260±5 Time:10±1 sec

Dimension	(unit mm ³)
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