

SOT-89

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

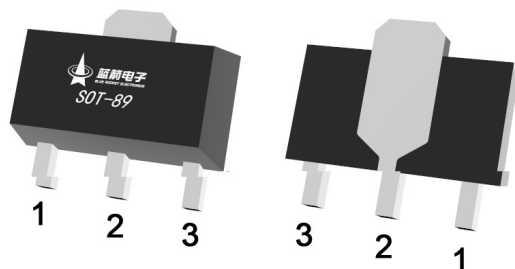
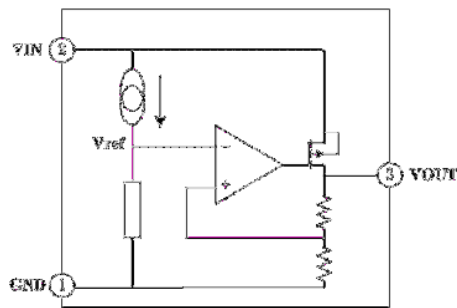
24V

1.5 μ A

$\pm 2\%$

Low power consumption,Low voltage drop,Small temperature drift coefficient,High input voltage up to 24V,The static current 1.5 μ A,The output voltage accuracy: $\pm 2\%$,HF Product.

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



PIN1 GND

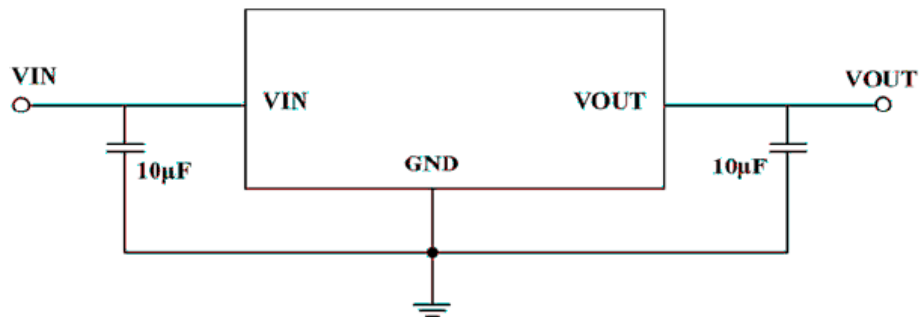
PIN 2 VIN

PIN 3 VOUT

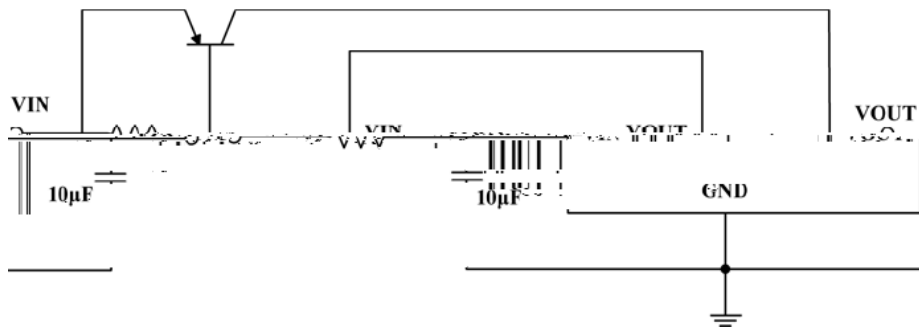
See Marking Instructions.

Parameter	Symbol	Rating	Unit
Working Voltage	V_{IN}	-0.3~+24	V
Thermal Resistance	$R_{\theta JA}$	200	/W
Power Consumption	P_D		

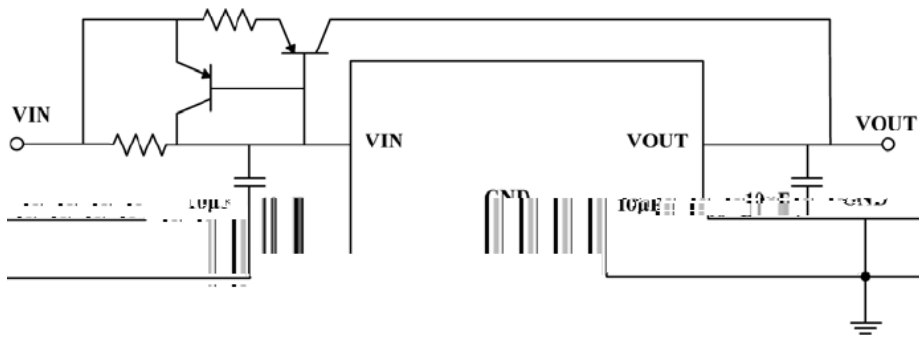
/ Basic Application



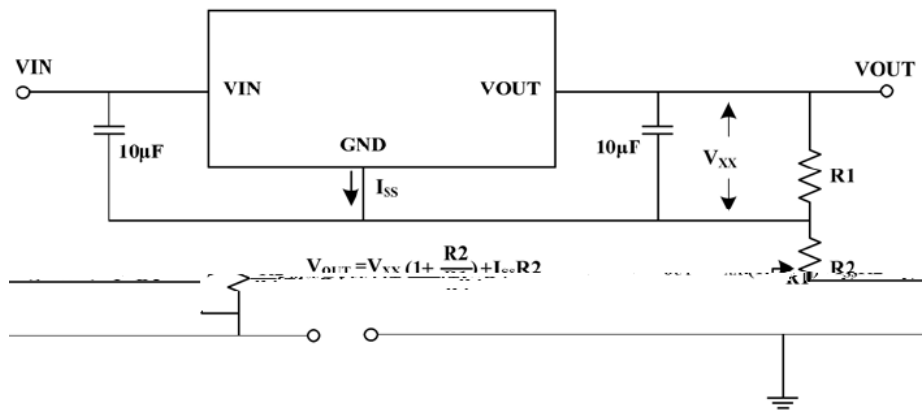
/ High Output Current Voltage Regulator



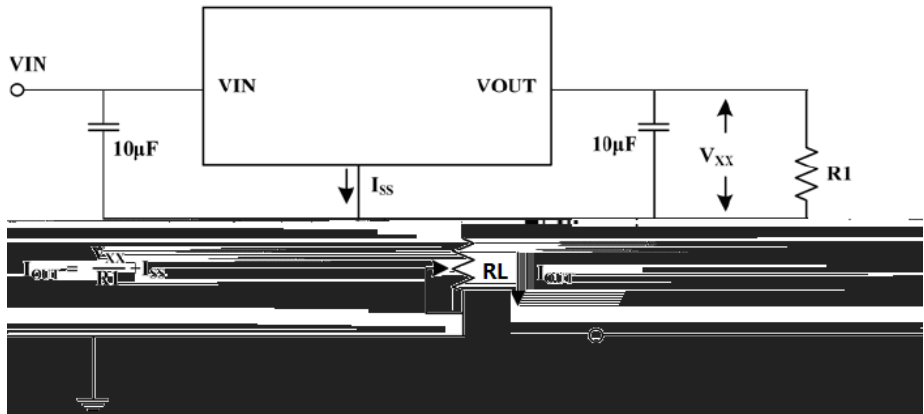
/ Short-Circuit Protection



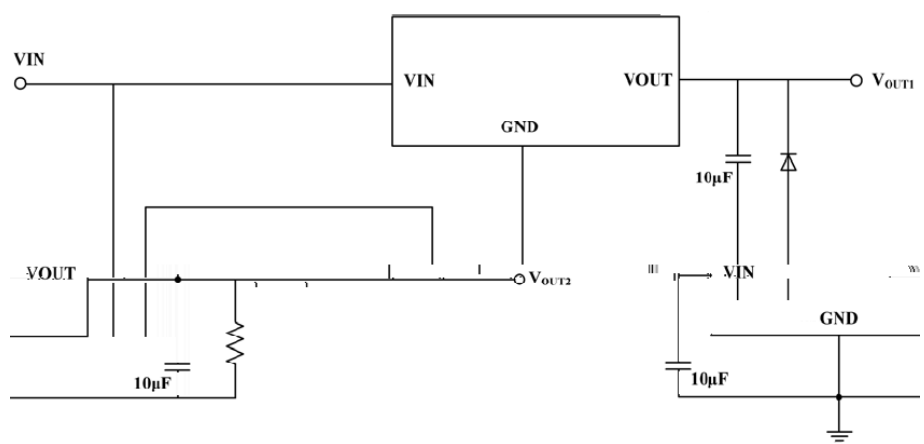
/ Circuit for Increasing Output Voltage

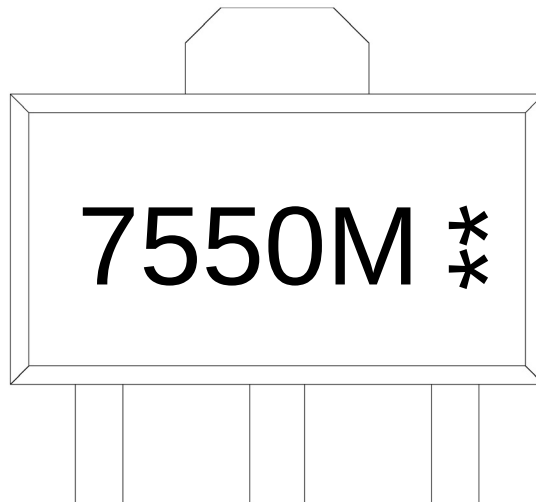


/ Constant Current Regulator



/ Double Output Circuit





7550M

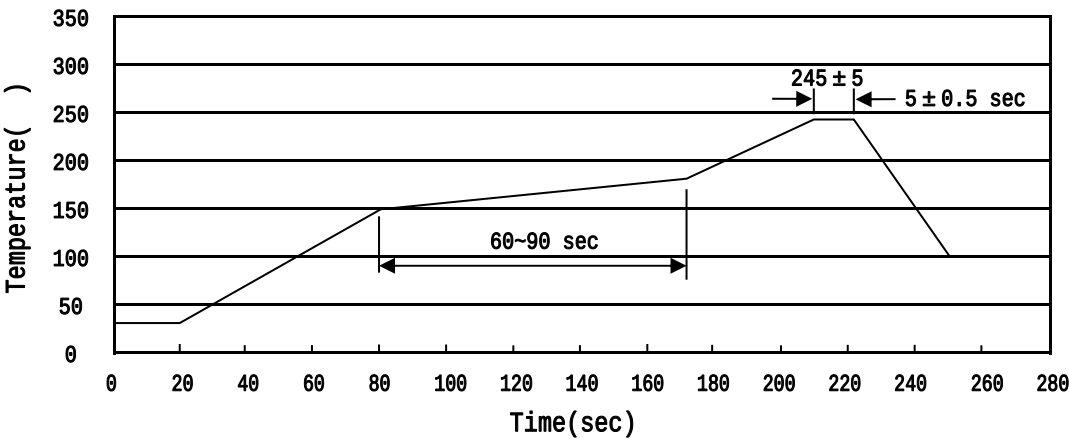
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Note:

7550M: 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;

1.Preheating:150~180 , Time:60~90sec.
- 2

245±5

5±0.5sec;

2.Peak Temp.:245±5 , Duration:5±0.5sec.
- 3

2 10 /sec.

3. Cooling Speed: 2~10 /sec.

260±5

10±1 sec.

Temp.:260±5

Time:10±1 sec

/ REEL

Package Type	Units					Dimension (unit mm ³)		
SOT-89	1,000	10	10,000	4	40,000	7" ×12	210×205×205	445×435×230