

Rev.B Mar 2016

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Low dropout voltage regulator in a SOT23-3 Plastic Package .

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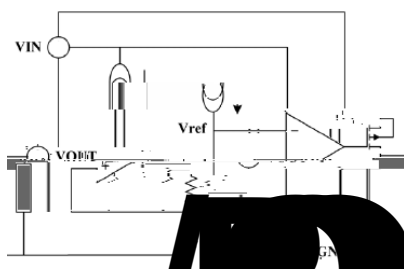
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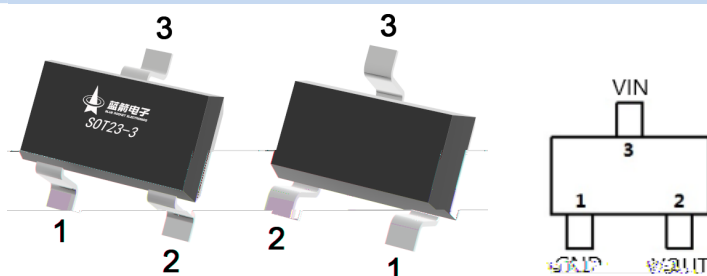
9_• >— Õk* 0K°E

For use in power supply, communication equipment, Audio and video equipment.

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—	d f		—	d f	
1	GND	> a	3	VIN	9 ý μ €
2	VOUT	9 ý ß €			

, M V

• - ~ a ¢ož See Marking Instructions.

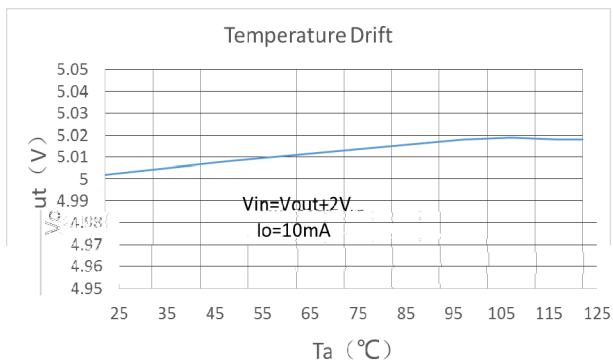
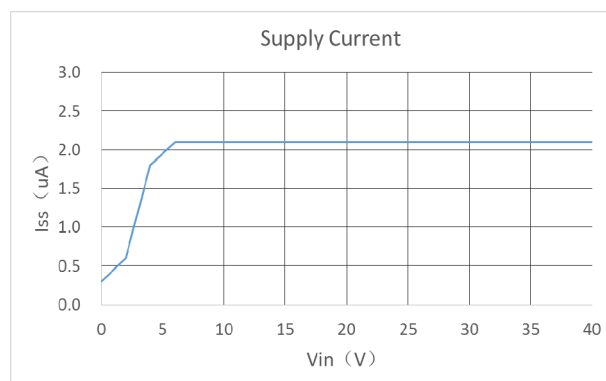
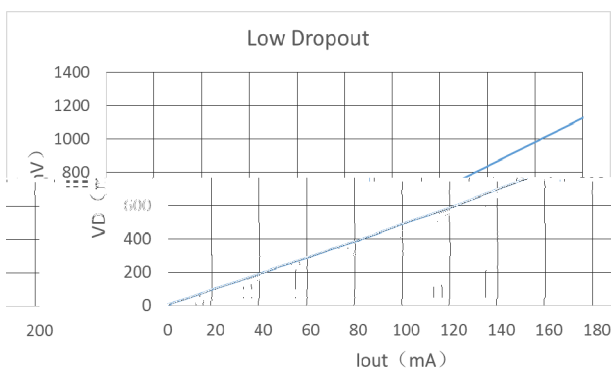
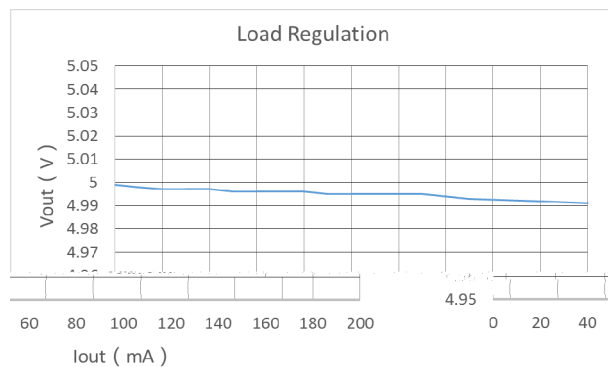
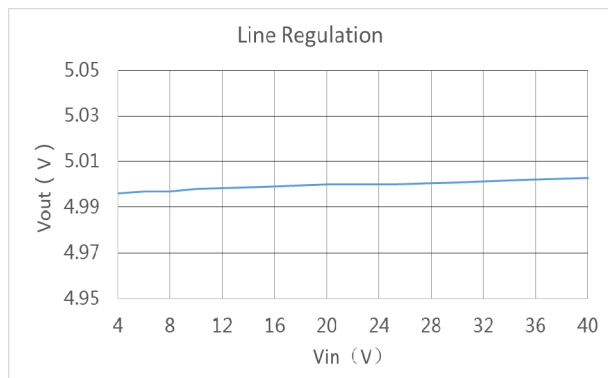


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> ¼ f ò A	PSRR	I _{OUT} =50mA Èf=100Hz		80		dB
		I _{OUT} =50mA Èf=1kHz		70		
		I _{OUT} =50mA Èf=10kHz		60		
		I _{OUT} =50mA Èf=100kHz		50		
ÿ ß ™ Ò 9	V _{ON}	BW=10Hz to 100kHz		90		uV _{RMS}

(1) V_{OUTgEh} Ž Ÿ ß 9 k V_{OUTgSh} — ö f Ÿ ß 9

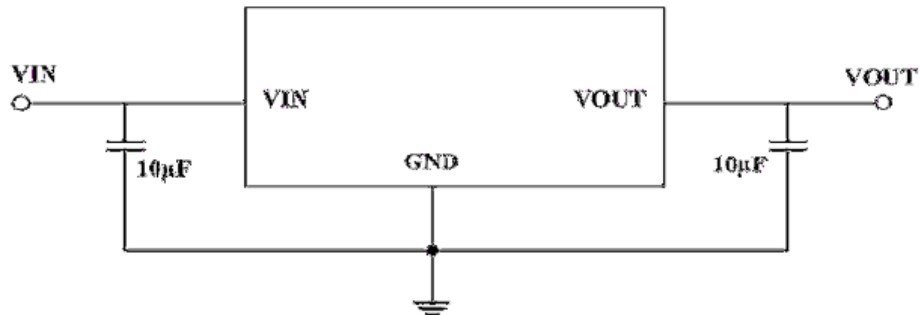
(2) Ÿ μ Ÿ ß 9 [# y i ç ú Ú ^ k Ÿ ß 9 V_{OUT} k Ù ã ' Ÿ μ 9 k + Ÿ ß 9 ' z ñ V_{OUT}*98% Ž k
Ÿ μ 9 y Ÿ ß 9 [> ož

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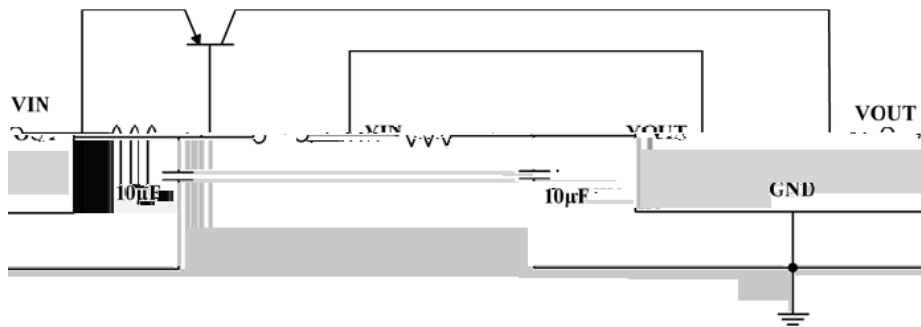


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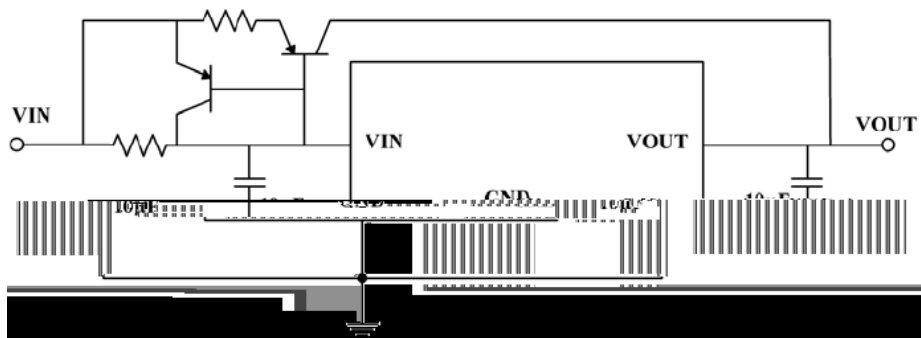
Âî• / Basic Application



ÿßÝ v 9²-~ / High Output Current Voltage Regulator

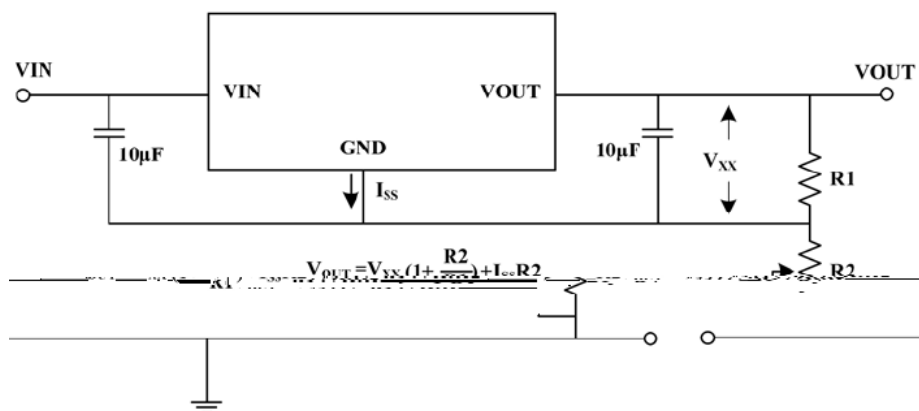


?è'• / Short-Circuit Protection

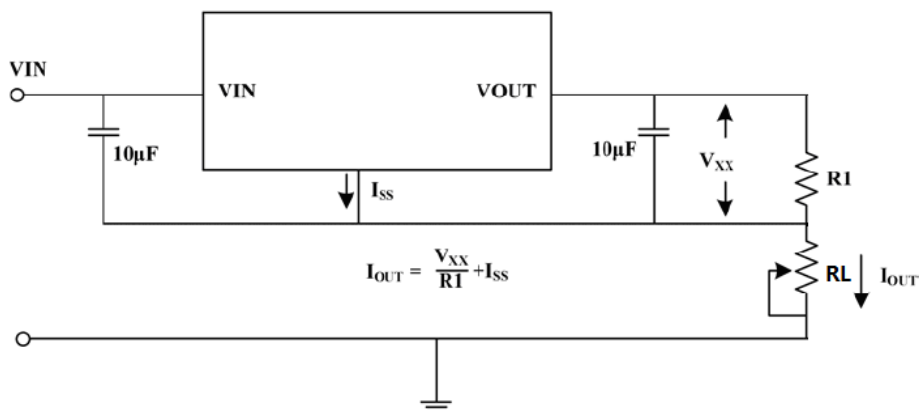


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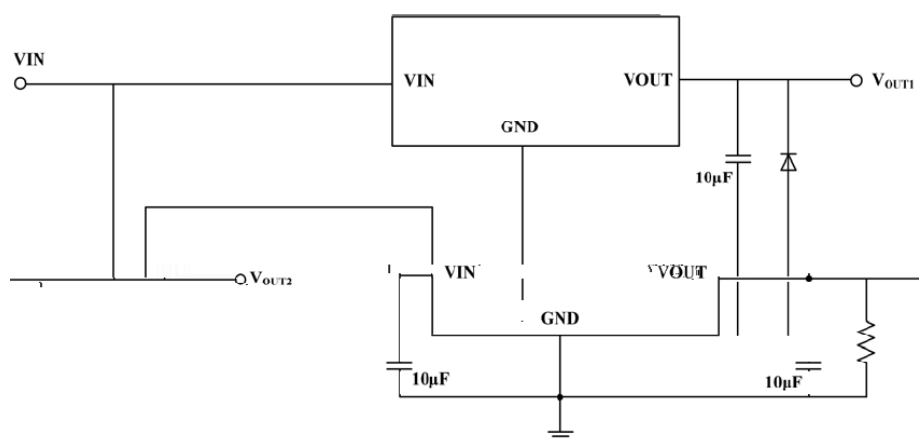
ÿ ß ä 9 è / Circuit for Increasing Output Voltage



ÿ ß v² - è / Constant Current Regulator

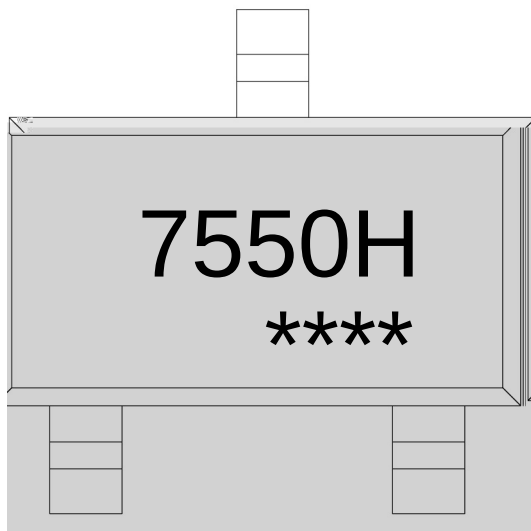


E ÿ ß è / Double Output Circuit





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7550H y

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Note:

7550H:

Product Type Code

****:

Lot No. Code, code change with Lot No

The diagram illustrates the frequency allocation for a VHF channel. It shows a horizontal axis representing frequency. A specific channel is highlighted with a width labeled 'a' and the text 'VHF'. The frequency spacing between adjacent channels is labeled 'f'.