

5 é / Descriptions

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

α^a / Features

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- < β) ŷ μ ě Ā y ŷ β ě ú 9 Ā € •
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Đ ÷ / Applications

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

Ā W] Ô • / Equivalent Circuit

• Ũ - æ / Pinning

—	d f		—	d f	
1	GND	, ^a	3	VIN	9 ŷ μ €
2	VOUT	9 ŷ β €			

, M V / Marking

- - ~^a € ož See Marking Instructions.

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β_{9g^1h}	V_{OUTgEh}	$I_{OUT}=10mA$	3.234	3.3	3.366	V
$\mu\beta_{9g^2h}$	V_{dif}	$I_{OUT}=100mA$ $V_{OUT}=3.3V$				

@ f	... Z	y i Ú ^	Â 4 >	Á ° >	Â Ý >	% y
> 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
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Ô ? d • Ž ¢ / Electrical Characteristic Curve

À¹€ĐÔ· / Typical Application Circuit

ÂÎ• / Basic Application

ÿßÝ v 9²-~ / High Output Current Voltage Regulator

?è'• / Short-Circuit Protection

À¹€ĐÔ· / Typical Application Circuit

ÿßä 9 è / Circuit for Increasing Output Voltage

ÿß v² - è / Constant Current Regulator

Eÿß è / Double Output Circuit

Ø □ =) ¢ / Package Dimensions

, M y f / Marking Instructions

7533H

7533H y ° Z W A
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Note:
7533H: Product Type Code
****: Lot No. Code, code change with Lot No

