



MIC39151-2.5WU Information



For Reference Only

Part NumberMIC39151-2.5WUManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)

PMIC - Voltage Regulators - Linear IC REG LINEAR 2.5V 1.5A TO263-5

Package TO-263-6, D2Pak (5 Leads + Tab), TO-263BA

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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Description









MIC39151-2.5WU Specifications

Manufacturer Part Number Mic39151-2.5WU Manufacturer Microchip Technology Category Integrated Circuits (ICs) Package TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 16V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) - Voltage Dropout (Max) 0.5V @ 1.5A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) 20mA PSRR - Control Features Over Current, Over Temperature, Reverse Polarity Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package TO-263-6 Report errors?	•		
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 16V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) - Voltage Dropout (Max) 0.5V @ 1.5A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) 20mA PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package TO-263-5	Manufacturer Part Number	MIC39151-2.5WU	
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Package TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 16V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) - Voltage Dropout (Max) 0.5V @ 1.5A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) 20mA PSRR - Control Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package TO-263-5	Category	Integrated Circuits (ICs)	
Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 16V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) - Voltage - Output (Max) 1.5A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) 20mA PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature 4-40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-5		PMIC - Voltage Regulators - Linear	
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)16VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage Dropout (Max)0.5V @ 1.5ACurrent - Output1.5ACurrent - Quiescent (Iq)-Current - Supply (Max)20mAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageTO-263-5	Package	TO-263-6, D2Pak (5 Leads + Tab), TO-263BA	
Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 16V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) - Voltage Dropout (Max) 0.5V @ 1.5A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) 20mA PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package	Series	-	
Number of Regulators Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) Voltage Dropout (Max) - Voltage Dropout (Max) 0.5V @ 1.5A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) 20mA PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package	Output Configuration	Positive	
Voltage - Input (Max) Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) - Voltage Dropout (Max) 0.5V @ 1.5A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package TO-263-5	Output Type	Fixed	
Voltage - Output (Min/Fixed) Voltage - Output (Max) - Voltage Dropout (Max) 0.5V @ 1.5A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) 20mA PSRR - Control Features Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package TO-263-5	Number of Regulators	1	
Voltage - Output (Max) Voltage Dropout (Max) 0.5V @ 1.5A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) 20mA PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package TO-263-5	Voltage - Input (Max)	16V	
Voltage Dropout (Max) Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package TO-263-5	Voltage - Output (Min/Fixed)	2.5V	
Current - Output Current - Quiescent (Iq) Current - Supply (Max) PSRR Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package	Voltage - Output (Max)	-	
Current - Quiescent (Iq) Current - Supply (Max) 20mA PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package TO-263-5	Voltage Dropout (Max)	0.5V @ 1.5A	
Current - Supply (Max) PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package TO-263-5	Current - Output	1.5A	
PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package TO-263-5	Current - Quiescent (Iq)	-	
Control Features Protection Features Over Current, Over Temperature, Reverse Polarity -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package TO-263-5	Current - Supply (Max)	20mA	
Protection Features Over Current, Over Temperature, Reverse Polarity -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package TO-263-5	PSRR	-	
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package TO-263-5	Control Features	Enable	
Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package TO-263-5	Protection Features	Over Current, Over Temperature, Reverse Polarity	
Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package TO-263-5	Operating Temperature	-40°C ~ 125°C	
Supplier Device Package TO-263-5	Mounting Type	Surface Mount	
	Package / Case	TO-263-6, D2Pak (5 Leads + Tab), TO-263BA	
Report errors?	Supplier Device Package	TO-263-5	
			Report errors?

MIC39151-2.5WU Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

MIC39151-2.5WU Payment Methods



















MIC39151-2.5WU Shipping Methods













If you have any question about MIC39151-2.5WU, please do not hesitate to contact us!

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