



MIC2951-02YM-TR Information



For Reference Only

Part Number MIC2951-02YM-TR

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LIN POS ADJ 150MA 8SOIC

Package 8-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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



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Certified Quality

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MIC2951-02YM-TR Specifications

Manufacturer Microchip Technology Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 8-SOIC (0.154", 3.90mm Width) Series - Output Configuration Positive Output Type Adjustable (Fixed) Number of Regulators 1 Voltage - Input (Max) 30V Voltage - Output (Min/Fixed) 1.24V (5V) Voltage - Output (Max) 29V Voltage Dropout (Max) 0.6V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 300µA ~ 8mA PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)			
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Voltage - Input (Max) Voltage - Output (Min/Fixed) 1.24V (5V) Voltage - Output (Max) 29V Voltage Dropout (Max) 0.6V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 300μΑ ~ 8mA PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Output Type	Adjustable (Fixed)	
Voltage - Output (Min/Fixed) Voltage - Output (Max) 29V Voltage Dropout (Max) 0.6V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 300μA ~ 8mA PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Number of Regulators	1	
Voltage - Output (Max) Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 300μA ~ 8mA PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Voltage - Input (Max)	30V	
Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR - Control Features Protection Features Operating Temperature Mounting Type Package / Case 0.6V @ 150mA 150mA - Company - Compan	Voltage - Output (Min/Fixed)	1.24V (5V)	
Current - Output Current - Quiescent (Iq) Current - Supply (Max) 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 8-SOIC (0.154", 3.90mm Width)	Voltage - Output (Max)	29V	
Current - Quiescent (Iq) - 300 μ A ~ 8mA - 8mA - Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature	Voltage Dropout (Max)	0.6V @ 150mA	
Current - Supply (Max) 300μA ~ 8mA PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Current - Output	150mA	
PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Current - Quiescent (Iq)	-	
Control Features Protection Features Over Current, Over Temperature, Reverse Polarity -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Current - Supply (Max)	$300\mu\text{A} \sim 8\text{mA}$	
Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	PSRR	-	
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Control Features	Enable	
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Protection Features	Over Current, Over Temperature, Reverse Polarity	
Package / Case 8-SOIC (0.154", 3.90mm Width)	Operating Temperature	-40°C ~ 125°C	
	Mounting Type	Surface Mount	
	Package / Case	8-SOIC (0.154", 3.90mm Width)	
Supplier Device Package 8-SOIC	Supplier Device Package	8-SOIC	
Report errors?		Rep	ort errors?

MIC2951-02YM-TR 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.

MIC2951-02YM-TR Payment Methods



















MIC2951-02YM-TR Shipping Methods













If you have any question about MIC2951-02YM-TR, please do not hesitate to contact us!

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