



### MIC5206-3.6YMM Information



For Reference Only

Part Number MIC5206-3.6YMM

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** IC REG LINEAR 3.6V 150MA 8MSOP **Package** 8-TSSOP, 8-MSOP (0.118", 3.00mm 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**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









# **MIC5206-3.6YMM Specifications**

Manufacturer Part NumberMIC5206-3.6YMMManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackage8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)16VVoltage - Output (Min/Fixed)3.6VVoltage - Output (Max)-Voltage Dropout (Max)0.35V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)150μA ~ 2.5mA	•	
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear  Package 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)  Series - Output Configuration Positive Output Type Fixed  Number of Regulators 1 Voltage - Input (Max) 16V  Voltage - Output (Min/Fixed) 3.6V  Voltage - Output (Max)  Voltage Dropout (Max) 0.35V @ 150mA  Current - Output Current - Quiescent (Iq) -	Manufacturer Part Number	MIC5206-3.6YMM
PMIC - Voltage Regulators - Linear Package 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 16V Voltage - Output (Min/Fixed) 3.6V Voltage - Output (Max) - Voltage Dropout (Max) 0.35V @ 150mA Current - Output CIq) -	Manufacturer	Microchip Technology
Package 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)  Series - Output Configuration Positive Output Type Fixed  Number of Regulators 1  Voltage - Input (Max) 16V  Voltage - Output (Min/Fixed) 3.6V  Voltage - Output (Max) -  Voltage Dropout (Max) 0.35V @ 150mA  Current - Output Current - Quiescent (Iq) -	Category	Integrated Circuits (ICs)
Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 16V Voltage - Output (Min/Fixed) 3.6V Voltage - Output (Max) - Voltage Dropout (Max) 0.35V @ 150mA Current - Output (Iq) -		PMIC - Voltage Regulators - Linear
Output Configuration Output Type Fixed Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max)  Voltage Dropout (Max)  Current - Output Current - Quiescent (Iq)  Positive Positive Positive Positive Pixed Pixed  1  0  0  0  0  0  0  0  0  0  0  0  0	Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Output Type Fixed  Number of Regulators 1  Voltage - Input (Max) 16V  Voltage - Output (Min/Fixed) 3.6V  Voltage - Output (Max) -  Voltage Dropout (Max) 0.35V @ 150mA  Current - Output Current - Quiescent (Iq) -	Series	-
Number of Regulators  1 Voltage - Input (Max)  16V  Voltage - Output (Min/Fixed)  3.6V  Voltage - Output (Max)  - Voltage Dropout (Max)  Current - Output  150mA  Current - Quiescent (Iq)  -	Output Configuration	Positive
Voltage - Input (Max)  Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Voltage Dropout (Max)  Current - Output  Current - Quiescent (Iq)  16V  3.6V	Output Type	Fixed
Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Voltage Dropout (Max)  Current - Output  Current - Quiescent (Iq)  3.6V	Number of Regulators	1
Voltage - Output (Max)  Voltage Dropout (Max)  Current - Output  Current - Quiescent (Iq)	Voltage - Input (Max)	16V
Voltage Dropout (Max)  Current - Output  Current - Quiescent (Iq)  0.35V @ 150mA	Voltage - Output (Min/Fixed)	3.6V
Current - Output 150mA Current - Quiescent (Iq) -	Voltage - Output (Max)	-
Current - Quiescent (Iq)	Voltage Dropout (Max)	0.35V @ 150mA
-	Current - Output	150mA
Current - Supply (Max) $150\mu A \sim 2.5 mA$	Current - Quiescent (Iq)	-
	Current - Supply (Max)	$150\mu$ A ~ $2.5$ mA
PSRR -	PSRR	-
Control Features Enable, Error Flag	Control Features	Enable, Error Flag
Protection Features Over Current, Over Temperature, Reverse Polarity	Protection Features	Over Current, Over Temperature, Reverse Polarity
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Operating Temperature	-40°C ~ 125°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Supplier Device Package 8-MSOP	Supplier Device Package	8-MSOP
Report errors?		Report errors?

#### MIC5206-3.6YMM 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.

## MIC5206-3.6YMM Payment Methods





















## MIC5206-3.6YMM Shipping Methods













If you have any question about MIC5206-3.6YMM, please do not hesitate to contact us!

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