



### MIC5210-3.3YMM Information



For Reference Only

Part Number MIC5210-3.3YMM

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear IC REG LINEAR 3.3V/3.3V 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**

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**Description** 









# **MIC5210-3.3YMM Specifications**

Manufacturer Part Number         MIC5210-3.3YMM           Manufacturer         Microchip Technology           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         2           Voltage - Input (Max)         16V           Voltage - Output (Min/Fixed)         3.3V, 3.3V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.35V @ 150mA, 0.35V @ 150mA           Current - Output         150mA, 150mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         150µA ~ 2.5mA           PSRR         75dB (100Hz)           Control Features         Enable           Protection Features         Over Current, Over Temperature, Reverse Polarity           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package (Case)         Surface Mount           Package (Case)         Surface Mount	*	
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         2           Voltage - Input (Max)         16V           Voltage - Output (Min/Fixed)         3.3V, 3.3V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.35V @ 150mA, 0.35V @ 150mA           Current - Output         150mA, 150mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         150µA ~ 2.5mA           PSRR         75dB (100Hz)           Control Features         Enable           Protection Features         Over Current, Over Temperature, Reverse Polarity           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount	Manufacturer Part Number	MIC5210-3.3YMM
PMIC - Voltage Regulators - LinearPackage8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)16VVoltage - Output (Min/Fixed)3.3V, 3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.35V @ 150mA, 0.35V @ 150mACurrent - Output150mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)150μA ~ 2.5mAPSRR75dB (100Hz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface Mount	Manufacturer	Microchip Technology
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Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max) $16V$ Voltage - Output (Min/Fixed) $3.3V$ , $3.3V$ Voltage - Output (Max)-Voltage Dropout (Max) $0.35V @ 150mA$ , $0.35V @ 150mA$ Current - Output $150mA$ , $150mA$ Current - Quiescent (Iq)-Current - Supply (Max) $150\mu A \sim 2.5mA$ PSRR $75dB (100Hz)$ Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting TypeSurface Mount		PMIC - Voltage Regulators - Linear
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Number of Regulators2Voltage - Input (Max) $16V$ Voltage - Output (Min/Fixed) $3.3V$ , $3.3V$ Voltage - Output (Max)-Voltage Dropout (Max) $0.35V @ 150mA$ , $0.35V @ 150mA$ Current - Output $150mA$ , $150mA$ Current - Quiescent (Iq)-Current - Supply (Max) $150\mu A \sim 2.5mA$ PSRR $75dB (100Hz)$ Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting TypeSurface Mount	Output Configuration	Positive
Voltage - Input (Max) 16V   Voltage - Output (Min/Fixed) 3.3V, 3.3V   Voltage - Output (Max) -   Voltage Dropout (Max) 0.35V @ 150mA, 0.35V @ 150mA   Current - Output 150mA, 150mA   Current - Quiescent (Iq) -   Current - Supply (Max) 150 $\mu$ A ~ 2.5mA   PSRR 75dB (100Hz)   Control Features Enable   Protection Features Over Current, Over Temperature, Reverse Polarity   Operating Temperature   40°C ~ 125°C   Mounting Type Surface Mount	Output Type	Fixed
Voltage - Output (Min/Fixed)3.3V, 3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.35V @ 150mA, 0.35V @ 150mACurrent - Output150mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)150μA ~ 2.5mAPSRR75dB (100Hz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface Mount	Number of Regulators	2
Voltage - Output (Max) - 0.35V @ 150mA, 0.35V @ 150mA    Current - Output 150mA, 150mA    Current - Quiescent (Iq) - Current - Supply (Max) 150 $\mu$ A ~ 2.5mA    PSRR 75dB (100Hz)    Control Features Enable    Protection Features Over Current, Over Temperature, Reverse Polarity   Operating Temperature -40°C ~ 125°C    Mounting Type Surface Mount	Voltage - Input (Max)	16V
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Current - Output 150mA, 150mA   Current - Quiescent (Iq) - Current - Supply (Max) 150 $\mu$ A ~ 2.5mA   PSRR 75dB (100Hz)   Control Features Enable   Protection Features Over Current, Over Temperature, Reverse Polarity   Operating Temperature -40°C ~ 125°C   Mounting Type Surface Mount	Voltage - Output (Max)	-
Current - Quiescent (Iq)-Current - Supply (Max) $150\mu A \sim 2.5mA$ PSRR $75dB (100Hz)$ Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting TypeSurface Mount	Voltage Dropout (Max)	0.35V @ 150mA, 0.35V @ 150mA
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PSRR 75dB (100Hz)  Control Features Enable  Protection Features Over Current, Over Temperature, Reverse Polarity  Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount	Current - Quiescent (Iq)	-
Control Features  Protection Features  Over Current, Over Temperature, Reverse Polarity  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount	Current - Supply (Max)	$150\mu A \sim 2.5 mA$
Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount	PSRR	75dB (100Hz)
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount	Control Features	Enable
Mounting Type Surface Mount	Protection Features	Over Current, Over Temperature, Reverse Polarity
	Operating Temperature	-40°C ~ 125°C
Package / Case 8_TSSOP 8_MSOP (0.118" 3.00mm Width)	Mounting Type	Surface Mount
1 ackage / Case 0-15501 (0.110 , 5.00iiiii widdi)	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?

### MIC5210-3.3YMM 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.

### MIC5210-3.3YMM Payment Methods



















# MIC5210-3.3YMM Shipping Methods













If you have any question about MIC5210-3.3YMM, please do not hesitate to contact us!

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