

MCP3002-I/MS

MCP3002-I/MS Information



rt Number	MCP3002-I/MS	
anufacturer	Microchip Technology	
tegory	Integrated Circuits (ICs) Data Acquisition - Analog to Digital Converters (ADC)	
scription	IC ADC 10BIT 2.7V 2CH SPI 8MSOP	
ckage	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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MCP3002-I/MS Specifications

ManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)PackageBata Acquisition - Analog to Digital Converters (ADC)Package8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Series-Number of Bits10Sampling Rate (Per Second)200kNumber of Inputs1,2Input TypePseudo-Differential, Single EndedData InterfaceSPIConfigurationMUX-S/H-ADCNumber of A/D Converters1Number of A/D Converters1Reference TypeSuplyVoltage - Supply, Digital2.7 V ~ 5.5 VVoltage - Supply, Digital-Operating Temperature-Package / Case-Supplier Device PackageSNSOP (0.118", 3.00mm Width)		
CategoryIntegrated Circuits (Cs)Data Acquisition - Analog to Digital Converters (ADC)Package8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Series-Number of Bits10Sampling Rate (Per Second)200kNumber of Inputs1, 2Input TypePseudo-Differential, Single EndedData InterfaceSPIConfigurationMUX-S/H-ADCNumber of A/D Converters1ArchitectureSARReference TypeSupplyVoltage - Supply, Digital2.7 V ~ 5.5 VVoltage - Supply, Digital2.7 V ~ 5.5 VPeatage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOPMounting Type-	Manufacturer Part Number	MCP3002-I/MS
Data Acquisition - Analog to Digital Converters (ADC)Package8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Series-Number of Bits10Sampling Rate (Per Second)200kNumber of Inputs1, 2Input TypePseudo-Differential, Single EndedData InterfaceSPIConfigurationMUX-S/H-ADCRatio - S/H: ADC1.1Number of A/D Converters1ArchitectureSARReference TypeSuplyVoltage - Supply, Analog2.7 V ~ 5.5 VVoltage - Supply, Digital-Pertures-Operating Temperature-40°C ~ 85°CPackage / Case8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOPMunuting Type-	Manufacturer	Microchip Technology
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Input TypePseudo-Differential, Single EndedData InterfaceSPIConfigurationMUX-S/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARReference TypeSuplyVoltage - Supply, Analog2.7 V ~ 5.5 VVoltage - Supply, Digital-Peatures-Operating Temperature-40°C ~ 85°CPackage / Case8-MSOP (0.118", 3.00mm Width)Supplier Device Package-Mounting Type-	Sampling Rate (Per Second)	200k
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Features-Operating Temperature-40°C ~ 85°CPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOPMounting Type-	Voltage - Supply, Analog	2.7 V ~ 5.5 V
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Package / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOPMounting Type-	Features	-
Supplier Device Package 8-MSOP Mounting Type -	Operating Temperature	$-40^{\circ}\mathrm{C} \sim 85^{\circ}\mathrm{C}$
Mounting Type -	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
	Supplier Device Package	8-MSOP
Report errors?	Mounting Type	-
		Report errors?

MCP3002-I/MS 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.

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Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

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MCP3002-I/MS Shipping Methods



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