

MCP3001-I/ST



Part Number: MCP3001-I/ST

Manufacturer: Micrel / Microchip Technology

Description: IC ADC 10BIT 2.7V 1CH SPI 8TSSOP

Data sheet:  Development Tools Catalog

 MCP3001 Data Sheet

RoHs Status: Lead free / RoHS Compliant

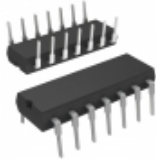
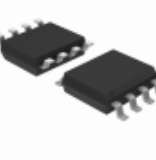
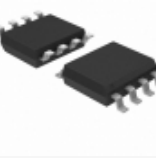
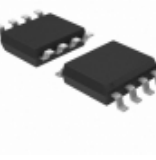
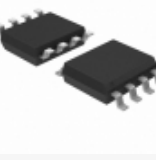
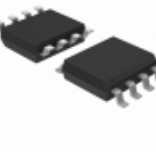
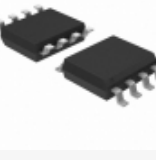
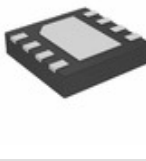
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PRODUCT PARAMETER			
Part Number	MCP3001-I/ST	Manufacturer	Micrel / Microchip Technology
Description	IC ADC 10BIT 2.7V 1CH SPI 8TSSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	81471 pcs	Data sheet	Development Tools Catalog MCP3001 Data Sheet
Category	Integrated Circuits (ICs)	Voltage - Supply, Digital	2.7 V ~ 5.5 V
Voltage - Supply, Analog	2.7 V ~ 5.5 V	Supplier Device Package	8-TSSOP
Series	-	Sampling Rate (Per Second)	200k
Reference Type	External	Ratio - S/H:ADC	1:1
Packaging	Tube	Package / Case	8-TSSOP (0.173", 4.40mm Width)
Other Names	MCP3001IST	Operating Temperature	-40°C ~ 85°C
Number of Inputs	1	Number of Bits	10
Number of A/D Converters	1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	15 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Type	Pseudo-Differential	Features	-
Detailed Description	10 Bit Analog to Digital Converter 1 Input 1 SAR 8-TSSOP	Data Interface	SPI
Configuration	S/H-ADC	Base Part Number	MCP3001
Architecture	SAR		
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