



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MCP3001T-I/ST

Part Number:	MCP3001T-I/ST
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC ADC 10BIT 2.7V 1CH SPI 8TSSOP
Datasheets:	PDF 1.MCP3001T-I/ST.pdf PDF 2.MCP3001T-I/ST.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

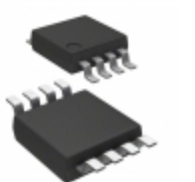
Specifications of MCP3001T-I/ST

PART NUMBER	MCP3001T-I/ST
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC ADC 10BIT 2.7V 1CH SPI 8TSSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.MCP3001T-I/ST.pdf PDF 2.MCP3001T-I/ST.pdf
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	Tape & Reel (TR)
PACKAGE / CASE	8-TSSOP (0.173", 4.40mm Width)
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

Related Tags

Micrel / Microchip Technology MCP3001T-I/ST	MCP3001T-I/ST Distributor	MCP3001T-I/ST Supplier
MCP3001T-I/ST Price	MCP3001T-I/ST Pictures	MCP3001T-I/ST Image
MCP3001T-I/ST PDF Datasheet	MCP3001T-I/ST Download Datasheet	MCP3001T-I/ST Datasheet
MCP3001T-I/ST Stock	Buy MCP3001T-I/ST	Buy Micrel / Microchip Technology MCP3001T-I/ST
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Related Products

 MCP3001-I/ST Manufacturers: Micrel / Microchip Technology Description: IC ADC 10BIT 2.7V 1CH SPI 8TSSOP In stock: 365 pcs RFQ	 MCP3002-I/MS Manufacturers: Micrel / Microchip Technology Description: IC ADC 10BIT 2.7V 2CH SPI 8MSOP In stock: Out stock RFQ
 MCP3002T-I/ST Manufacturers: Micrel / Microchip Technology Description: IC ADC 10BIT 2.7V 2CH SPI 8TSSOP In stock: Out stock RFQ	 MCP3002-I/P Manufacturers: Micrel / Microchip Technology Description: IC ADC 10BIT 2.7V 2CH SPI 8-DIP In stock: 688 pcs RFQ
 MCP3001-I/MS Manufacturers: Micrel / Microchip Technology Description: IC ADC 10BIT 2.7V 1CH SPI 8MSOP In stock: Out stock RFQ	 MCP3002-I/SN Manufacturers: Micrel / Microchip Technology Description: IC ADC 10BIT 2.7V 2CH SPI 8-SOIC In stock: Out stock RFQ
 MCP3001-I/SN Manufacturers: Micrel / Microchip Technology Description: IC ADC 10BIT 2.7V 1CH SPI 8-SOIC In stock: Out stock RFQ	 MCP3001T-I/SN Manufacturers: Micrel / Microchip Technology Description: IC ADC 10BIT 2.7V 1CH SPI 8-SOIC In stock: Out stock RFQ
 MCP3002T-I/SN Manufacturers: Micrel / Microchip Technology Description: IC ADC 10BIT 2.7V 2CH SPI 8-SOIC In stock: Out stock RFQ	 MCP3001-I/P Manufacturers: Micrel / Microchip Technology Description: IC ADC 10BIT 2.7V 1CH SPI 8-DIP In stock: 233 pcs RFQ
 MCP2562T-H/SN Manufacturers: Micrel / Microchip Technology Description: IC TXRX CAN 8SOIC In stock: Out stock RFQ	 MCP3002-I/ST Manufacturers: Micrel / Microchip Technology Description: IC ADC 10BIT 2.7V 2CH SPI 8TSSOP In stock: 300 pcs RFQ