



Micrel / Microchip Technology



MCP3008-I/SL

Part Number:	MCP3008-I/SL
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC ADC 10BIT 2.7V 8CH SPI 16SOIC
Datasheets:	PDF 1.MCP3008-I/SL.pdf PDF 2.MCP3008-I/SL.pdf
RoHs Status	RoHS Lead free / RoHS Compliant
Stock Condition	36873 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MCP3008-I/SL

PART NUMBER	MCP3008-I/SL
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC ADC 10BIT 2.7V 8CH SPI 16SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	36873 pcs
DATA SHEET	PDF 1.MCP3008-I/SL.pdf PDF 2.MCP3008-I/SL.pdf
VOLTAGE - SUPPLY, DIGITAL	2.7 V ~ 5.5 V
VOLTAGE - SUPPLY, ANALOG	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	16-SOIC
SERIES	-
SAMPLING RATE (PER SECOND)	200k
REFERENCE TYPE	External
RATIO - S/H:ADC	1:1
PACKAGING	Tube
PACKAGE / CASE	16-SOIC (0.154", 3.90mm Width)
OTHER NAMES	MCP3008ISL
OPERATING TEMPERATURE	-40°C ~ 85°C
NUMBER OF INPUTS	4, 8
NUMBER OF BITS	10
NUMBER OF A/D CONVERTERS	1
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
INPUT TYPE	Pseudo-Differential, Single Ended
FEATURES	-
DETAILED DESCRIPTION	10 Bit Analog to Digital Converter 4, 8 Input 1 SAR 16-SOIC
DATA INTERFACE	SPI
CONFIGURATION	MUX-S/H-ADC
BASE PART NUMBER	MCP3008
ARCHITECTURE	SAR

Related Tags

Micrel / Microchip Technology MCP3008-I/SL	MCP3008-I/SL Distributor	MCP3008-I/SL Supplier
MCP3008-I/SL Price	MCP3008-I/SL Pictures	MCP3008-I/SL Image
MCP3008-I/SL PDF Datasheet	MCP3008-I/SL Download Datasheet	MCP3008-I/SL Datasheet
MCP3008-I/SL Stock	Buy MCP3008-I/SL	Buy Micrel / Microchip Technology MCP3008-I/SL
Micrel / Microchip Technology MCP3008-I/SL	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology MCP3008-I/SL	Microchip Technology MCP3008-I/SL	Roving Networks / Microchip Technology MCP3008-I/SL

Related Products

 MCP3008T-I/SLVAO Manufacturers: Micrel / Microchip Technology Description: IC ADC 10BIT 2.7V 8CH SPI 16SOIC In stock: 2737 pcs RFQ	 MCP3021A1T-E/OT Manufacturers: Micrel / Microchip Technology Description: ADC 10BIT I2C INTERFACE SOT23-5 In stock: 75994 pcs RFQ
 MCP3021A0T-E/OTVAO Manufacturers: Micrel / Microchip Technology Description: ADC 10BIT I2C INTERFACE SOT23-5 In stock: 3136 pcs RFQ	 MCP3004T-I/ST Manufacturers: Micrel / Microchip Technology Description: IC ADC 10BIT 2.7V 4CH SPI14TSSOP In stock: 52469 pcs RFQ
 MCP3008-I/P Manufacturers: Micrel / Microchip Technology Description: IC ADC 10BIT 2.7V 8CH SPI 16DIP In stock: 41686 pcs RFQ	 MCP3004T-I/SLVAO Manufacturers: Micrel / Microchip Technology Description: IC ADC 10BIT 2.7V 4CH SPI 14SOIC In stock: 4995 pcs RFQ
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