




Micrel / Microchip Technology

## MCP37D31-200I/TL

Part Number:	MCP37D31-200I/TL
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC ADC 16BIT 200MSPS 124VTLA
Datasheets:	<a href="#">MCP37D31-200I/TL.pdf</a>
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

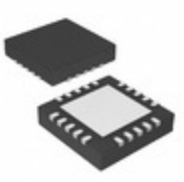
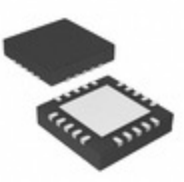
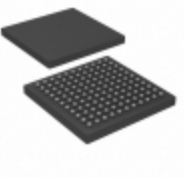
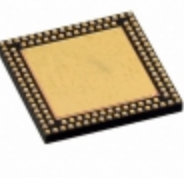
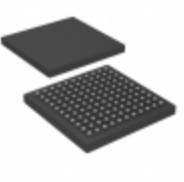

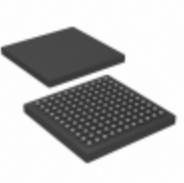
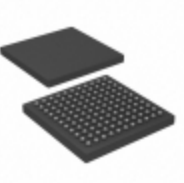
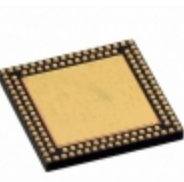
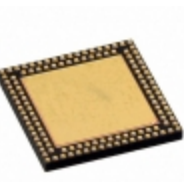
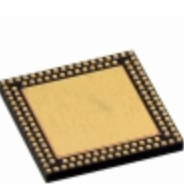

## Specifications of MCP37D31-200I/TL

PART NUMBER	MCP37D31-200I/TL
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC ADC 16BIT 200MSPS 124VTLA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">MCP37D31-200I/TL.pdf</a>
VOLTAGE - SUPPLY, DIGITAL	1.14 V ~ 1.26 V, 1.71 V ~ 1.89 V
VOLTAGE - SUPPLY, ANALOG	1.14 V ~ 1.26 V, 1.71 V ~ 1.89 V
SUPPLIER DEVICE PACKAGE	124-VTLA (9x9)
SERIES	-
SAMPLING RATE (PER SECOND)	200M
REFERENCE TYPE	Internal
RATIO - S/H:ADC	-
PACKAGING	Tube
PACKAGE / CASE	124-VFTLA Dual Rows, Exposed Pad
OPERATING TEMPERATURE	-40°C ~ 85°C
NUMBER OF INPUTS	8
NUMBER OF BITS	16
NUMBER OF A/D CONVERTERS	1
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
INPUT TYPE	Differential
FEATURES	-
DETAILED DESCRIPTION	16 Bit Analog to Digital Converter 8 Input 1 Pipelined 124-VTLA (9x9)
DATA INTERFACE	LVDS - Parallel, Parallel
CONFIGURATION	MUX-ADC
BASE PART NUMBER	MCP37D31
ARCHITECTURE	Pipelined

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## Related Products

 <p><b>MCP3901A0-E/ML</b> Manufacturers: Micrel / Microchip Technology Description: IC AFE 24BIT 64KSPS 2CH 20QFN In stock: 127 pcs <a href="#">RFQ</a></p>	 <p><b>MCP3901A0-I/ML</b> Manufacturers: Micrel / Microchip Technology Description: IC AFE 24BIT 64KSPS 20-QFN In stock: 211 pcs <a href="#">RFQ</a></p>
 <p><b>MCP37D31-200I/TE</b> Manufacturers: Micrel / Microchip Technology Description: 16-BIT, 200 MSPS, SINGLE PIPELIN In stock: Out stock <a href="#">RFQ</a></p>	 <p><b>MCP37D21T-200I/TL</b> Manufacturers: Micrel / Microchip Technology Description: IC ADC In stock: Out stock <a href="#">RFQ</a></p>
 <p><b>MCP37D21-200I/TE</b> Manufacturers: Micrel / Microchip Technology Description: 14-BIT, 200 MSPS, SINGLE PIPELIN In stock: Out stock <a href="#">RFQ</a></p>	 <p><b>MCP3901A0-E/SS</b> Manufacturers: Micrel / Microchip Technology Description: IC ENERGY METER AFE 2CH 20-SSOP In stock: 23 pcs <a href="#">RFQ</a></p>
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