



Micrel / Microchip Technology

MCP23008T-E/SS

Part Number: MCP23008T-E/SS
 Manufacturer/Brand: Micrel / Microchip Technology
 Product description: IC I/O EXPANDER 8BIT I2C 20-SSOP
 Datasheets: [1.MCP23008T-E/SS.pdf](#)
[2.MCP23008T-E/SS.pdf](#)
[3.MCP23008T-E/SS.pdf](#)
 RoHS Status:  Lead free / RoHS Compliant
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

Specifications of MCP23008T-E/SS

PART NUMBER	MCP23008T-E/SS
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC I/O EXPANDER 8BIT I2C 20-SSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.MCP23008T-E/SS.pdf 2.MCP23008T-E/SS.pdf 3.MCP23008T-E/SS.pdf
VOLTAGE - SUPPLY	1.8 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	20-SSOP
SERIES	-
PACKAGING	Cut Tape (CT)
PACKAGE / CASE	20-SSOP (0.209", 5.30mm Width)
OUTPUT TYPE	Push-Pull
OTHER NAMES	MCP23008T-E/SSCT
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF I/O	8
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	11 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
INTERRUPT OUTPUT	Yes
INTERFACE	I ² C
FEATURES	POR
DETAILED DESCRIPTION	I/O Expander 8 I ² C 1.7MHz 20-SSOP
CURRENT - OUTPUT SOURCE/SINK	25mA
CLOCK FREQUENCY	1.7MHz
BASE PART NUMBER	MCP23008

Related Tags

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Related Products

 <p>MCP23009T-E/MG Manufacturers: Micrel / Microchip Technology Description: IC I/O EXPANDER I2C 8B 16QFN In stock: Out stock RFQ</p>	 <p>MCP23009-E/SS Manufacturers: Micrel / Microchip Technology Description: IC I/O EXPANDER I2C 8B 20SSOP In stock: 241 pcs RFQ</p>
 <p>MCP23008-E/SS Manufacturers: Micrel / Microchip Technology Description: IC I/O EXPANDER I2C 8B 20SSOP In stock: Out stock RFQ</p>	 <p>MCP23009-E/P Manufacturers: Micrel / Microchip Technology Description: IC I/O EXPANDER I2C 8B 18DIP In stock: Out stock RFQ</p>
 <p>MCP23008-E/SO Manufacturers: Micrel / Microchip Technology Description: IC I/O EXPANDER I2C 8B 18SOIC In stock: Out stock RFQ</p>	 <p>MCP23008-E/P Manufacturers: Micrel / Microchip Technology Description: IC I/O EXPANDER I2C 8B 18DIP In stock: Out stock RFQ</p>
 <p>MCP23009-E/SO Manufacturers: Micrel / Microchip Technology Description: IC I/O EXPANDER I2C 8B 18SOIC In stock: 456 pcs RFQ</p>	 <p>MCP23008T-E/SSVAO Manufacturers: Micrel / Microchip Technology Description: 8-BIT I/O EXPANDER WITH I2C INTE In stock: Out stock RFQ</p>
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 <p>MCP23009-E/MG Manufacturers: Micrel / Microchip Technology Description: IC I/O EXPANDER I2C 8B 16QFN In stock: Out stock RFQ</p>	 <p>MCP23008-E/SSVAO Manufacturers: Micrel / Microchip Technology Description: 8-BIT I/O EXPANDER WITH I2C In stock: Out stock RFQ</p>

