

MCP23008T-E/SS



Part Number: [MCP23008T-E/SS](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC I/O EXPANDER 8BIT I2C 20-SSOP

Data sheet:  [Development Tools Catalog](#)
 [MCP23008 Rev. A Errata](#)
 [MCP23008, MCP23S08](#)

RoHs Status: Lead free / RoHS Compliant

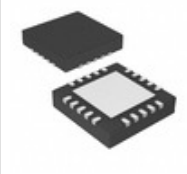
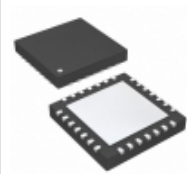
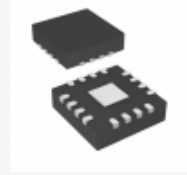
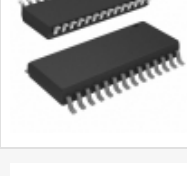
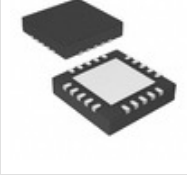
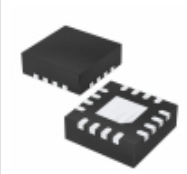
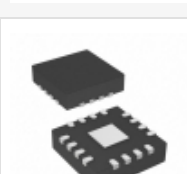
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PRODUCT PARAMETER			
Part Number	MCP23008T-E/SS	Manufacturer	Micrel / Microchip Technology
Description	IC I/O EXPANDER 8BIT I2C 20-SSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	63744 pcs	Data sheet	Development Tools Catalog MCP23008 Rev. A Errata MCP23008, MCP23S08
Category	Integrated Circuits (ICs)	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	I²C
Features	POR	Detailed Description	I/O Expander 8 I²C 1.7MHz 20-SSOP
Current - Output Source/Sink	25mA	Clock Frequency	1.7MHz
Base Part Number	MCP23008		
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	Part#: MCP23016-I/SP Description: IC I/O EXPANDER I2C 16B 28SDIP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MCP23009-E/SS Description: IC I/O EXPANDER I2C 8B 20SSOP	Manufacturers: Micrel / Microchip Technology	RFQ
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