



Micrel / Microchip Technology

## MCP9808-E/MS

Part Number:	MCP9808-E/MS
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	SENSOR DIGITAL -40C-125C 8MSOP
Datasheets:	<a href="#">MCP9808-E/MS.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.







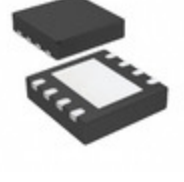



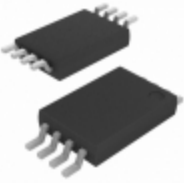
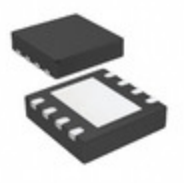
### Specifications of MCP9808-E/MS

PART NUMBER	MCP9808-E/MS
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	SENSOR DIGITAL -40C-125C 8MSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">MCP9808-E/MS.pdf</a>
VOLTAGE - SUPPLY	2.7 V ~ 5.5 V
TEST CONDITION	-20°C ~ 100°C (-40°C ~ 125°C)
SUPPLIER DEVICE PACKAGE	8-MSOP
SERIES	-
SENSOR TYPE	Digital, Local
SENSING TEMPERATURE - REMOTE	-
SENSING TEMPERATURE - LOCAL	-40°C ~ 125°C
RESOLUTION	10 b
PACKAGING	Tube
PACKAGE / CASE	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
OUTPUT TYPE	I <sup>2</sup> C/SMBus
OTHER NAMES	MCP9808EMS
OPERATING TEMPERATURE	-40°C ~ 125°C
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	8 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FEATURES	Output Switch, Programmable Limit, Programmable Resolution, Shutdown Mode
DETAILED DESCRIPTION	Temperature Sensor Digital, Local -40°C ~ 125°C 10 b 8-MSOP
ACCURACY - HIGHEST (LOWEST)	±0.5°C (±1°C)

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