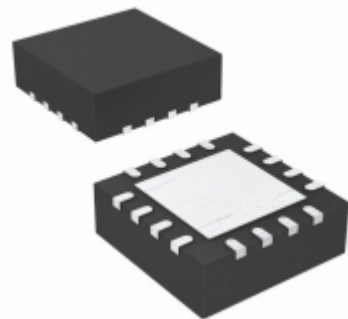


## EMC1428-7-AP-TR-CB7



**Part Number:** [EMC1428-7-AP-TR-CB7](#)  
**Manufacturer:** [Micrel / Microchip Technology](#)  
**Description:** SENSOR DIGITAL -40C-125C 16QFN  
**Data sheet:** [EMC1428](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
 See Product Specifications for product details.  
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### PRODUCT PARAMETER

Part Number	<a href="#">EMC1428-7-AP-TR-CB7</a>
Manufacturer	<a href="#">Micrel / Microchip Technology</a>
Description	SENSOR DIGITAL -40C-125C 16QFN
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	77328 pcs
Product Photo	<a href="#">EMC1428-7-AP-TR-CB7.jpg</a>
Category	<a href="#">Sensors, Transducers</a>
Voltage - Supply	3 V ~ 3.6 V
Test Condition	0°C ~ 100°C (-40°C ~ 125°C)
Supplier Device Package	16-QFN (4x4)
Series	-
Sensor Type	Digital, Local/Remote
Sensing Temperature - Remote	-40°C ~ 125°C
Sensing Temperature - Local	-40°C ~ 125°C
Resolution	11 b
Packaging	Cut Tape (CT)
Package / Case	16-VQFN
Output Type	SMBus
Other Names	EMC1428-7-AP-TR-CB7CT
Operating Temperature	-40°C ~ 125°C
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Features	Output Switch, Programmable Limit
Detailed Description	Temperature Sensor Digital, Local/Remote -40°C ~ 125°C 11 b 16-QFN (4x4)
Accuracy - Highest (Lowest)	±1°C (±2°C)

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### RELATED PRODUCTS

	Part#: <a href="#">EMC1424-1-AIZL-TR</a> Description: SENSOR DIGITAL -40C-125C 10MSOP	Manufacturers: <a href="#">Micrel / Microchip Technology</a> In Stock: 85933	<a href="#">RFQ</a>
	Part#: <a href="#">EMC1414-A-AIZL-TR</a> Description: SENSOR DIGITAL -40C-125C 10MSOP	Manufacturers: <a href="#">Micrel / Microchip Technology</a> In Stock: 70901	<a href="#">RFQ</a>
	Part#: <a href="#">EMC1422-1-ACZL-TR</a> Description: SENSOR DIGITAL -40C-125C 8MSOP	Manufacturers: <a href="#">Micrel / Microchip Technology</a> In Stock: 82330	<a href="#">RFQ</a>
	Part#: <a href="#">EMC1428-1-AP-TR</a> Description: SENSOR DIGITAL -40C-125C 16QFN	Manufacturers: <a href="#">Micrel / Microchip Technology</a> In Stock: 71166	<a href="#">RFQ</a>
	Part#: <a href="#">EMC15DRAS</a> Description: CONN EDGE DUAL FEMALE 30POS 0.100	Manufacturers: <a href="#">Sullins Connector Solutions</a> In Stock: 8444	<a href="#">RFQ</a>
	Part#: <a href="#">EMC1428-7-AP-TR</a> Description: SENSOR DIGITAL -40C-125C 16QFN	Manufacturers: <a href="#">Micrel / Microchip Technology</a> In Stock: 91447	<a href="#">RFQ</a>
	Part#: <a href="#">EMC1428-6-AP-TR</a> Description: SENSOR DIGITAL -40C-125C 16QFN	Manufacturers: <a href="#">Micrel / Microchip Technology</a> In Stock: 92714	<a href="#">RFQ</a>
	Part#: <a href="#">EMC15DRAI-S734</a> Description: CONN EDGE DUAL FEMALE 30POS 0.100	Manufacturers: <a href="#">Sullins Connector Solutions</a> In Stock: 7536	<a href="#">RFQ</a>
	Part#: <a href="#">EMC15DRAN-S734</a> Description: CONN EDGE DUAL FEMALE 30POS 0.100	Manufacturers: <a href="#">Sullins Connector Solutions</a> In Stock: 7419	<a href="#">RFQ</a>
	Part#: <a href="#">EMC15DRAH-S734</a> Description: CONN EDGE DUAL FEMALE 30POS 0.100	Manufacturers: <a href="#">Sullins Connector Solutions</a> In Stock: 9046	<a href="#">RFQ</a>
	Part#: <a href="#">EMC1438-2-AP-TR</a> Description: SENSOR DIGITAL -40C-125C 16QFN	Manufacturers: <a href="#">Micrel / Microchip Technology</a> In Stock: 85552	<a href="#">RFQ</a>
	Part#: <a href="#">EMC15DRAH</a> Description: CONN EDGE DUAL FEMALE 30POS 0.100	Manufacturers: <a href="#">Sullins Connector Solutions</a> In Stock: 9875	<a href="#">RFQ</a>
	Part#: <a href="#">EMC1501-1-AC3-TR</a> Description: IC TEMP SENSOR 2WIRE 8TDFN	Manufacturers: <a href="#">Micrel / Microchip Technology</a> In Stock: 4889	<a href="#">RFQ</a>
	Part#: <a href="#">EMC1422-2-ACZL-TR</a> Description: SENSOR DIGITAL -40C-125C 8MSOP	Manufacturers: <a href="#">Micrel / Microchip Technology</a> In Stock: 69876	<a href="#">RFQ</a>
	Part#: <a href="#">EMC1414-1-AIZL-TR</a> Description: SENSOR DIGITAL -40C-125C 10MSOP	Manufacturers: <a href="#">Micrel / Microchip Technology</a> In Stock: 61180	<a href="#">RFQ</a>
	Part#: <a href="#">EMC15DRAI</a> Description: CONN EDGE DUAL FEMALE 30POS 0.100	Manufacturers: <a href="#">Sullins Connector Solutions</a> In Stock: 8890	<a href="#">RFQ</a>
	Part#: <a href="#">EMC1438-1-AP-TR</a> Description: SENSOR DIGITAL -40C-125C 16QFN	Manufacturers: <a href="#">Micrel / Microchip Technology</a> In Stock: 72826	<a href="#">RFQ</a>
	Part#: <a href="#">EMC1413-A-AIZL-TR</a> Description: SENSOR DIGITAL -40C-125C 10MSOP	Manufacturers: <a href="#">Micrel / Microchip Technology</a> In Stock: 72567	<a href="#">RFQ</a>
	Part#: <a href="#">EMC1423-1-AIZL-TR</a> Description: SENSOR DIGITAL -40C-125C 10MSOP	Manufacturers: <a href="#">Micrel / Microchip Technology</a> In Stock: 63646	<a href="#">RFQ</a>
	Part#: <a href="#">EMC15DRAN</a> Description: CONN EDGE DUAL FEMALE 30POS 0.100	Manufacturers: <a href="#">Sullins Connector Solutions</a> In Stock: 9547	<a href="#">RFQ</a>

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