



Image may be representation.  
See specifications for product details.

### CY8C20566-24PVXI

Part Number: **CY8C20566-24PVXI**  
 Product Description: IC MCU 32K FLASH 2K SRAM 48SSOP  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [CY8C20566-24PVXI.pdf](#)

Manufacturer/Brand: Cypress Semiconductor  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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#### Product details

<b>Part Number</b>	CY8C20566-24PVXI	<b>Manufacturer</b>	Cypress Semiconductor
<b>Description</b>	IC MCU 32K FLASH 2K SRAM 48SSOP	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	CY8C20566-24PVXI.pdf		
<b>Voltage - Supply</b>	1.71 V ~ 5.5 V	<b>Supplier Device Package</b>	48-SSOP
<b>Series</b>	CapSense® Controllers	<b>RAM Size</b>	2K x 8
<b>Program Memory Type</b>	FLASH (32 kB)	<b>Packaging</b>	Tube
<b>Package / Case</b>	48-BSSOP (0.295", 7.50mm Width)	<b>Other Names</b>	428-2947
<b>Operating Temperature</b>	-40°C ~ 85°C	<b>Number of I/O</b>	36
<b>Mounting Type</b>	Surface Mount	<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>Interface</b>	I <sup>2</sup> C, SPI
<b>Core Processor</b>	M8C	<b>Controller Series</b>	CY8C20xx6
<b>Base Part Number</b>	CY8C20566	<b>Applications</b>	Capacitive Sensing

#### Related Products

<p><b>CY8C20546-24PVXIT</b>                  Manufacturers: Cypress Semiconductor                  Description: IC MCU 16K FLASH 2K SRAM 48SSOP                  Download: <a href="#">CY8C20546-24PVXIT.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>CY8C20546A-24PVXI</b>                  Manufacturers: Cypress Semiconductor                  Description: IC MCU 16K FLASH 2K SRAM 48SSOP                  Download: <a href="#">CY8C20546A-24PVXI.pdf</a></p> <p><a href="#">RFQ</a></p>
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<p><b>CY8C20636A-24LQXIT</b>                  Manufacturers: Cypress Semiconductor                  Description: IC CAPSENSE 1.8V 36 I/O 48QFN                  Download: <a href="#">CY8C20636A-24LQXIT.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>CY8C20546A-24PVXIT</b>                  Manufacturers: Cypress Semiconductor                  Description: IC MCU PSOC 16K FLASH 2K 48SSOP                  Download: <a href="#">CY8C20546A-24PVXIT.pdf</a></p> <p><a href="#">RFQ</a></p>
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