

## CY8C4126LTI-M445



**Part Number:** [CY8C4126LTI-M445](#)  
**Manufacturer:** [Cypress Semiconductor](#)  
**Description:** IC MCU 32BIT 64KB FLASH 68QFN  
**Data sheet:** [PSOC 4100M Family](#)

**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

<b>Part Number</b>	<a href="#">CY8C4126LTI-M445</a>
<b>Manufacturer</b>	<a href="#">Cypress Semiconductor</a>
<b>Description</b>	IC MCU 32BIT 64KB FLASH 68QFN
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	42817 pcs
<b>Product Photo</b>	<a href="#">CY8C4126LTI-M445.jpg</a>
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>
<b>Voltage - Supply (Vcc/Vdd)</b>	1.71 V ~ 5.5 V
<b>Supplier Device Package</b>	68-QFN (8x8)
<b>Speed</b>	24MHz
<b>Series</b>	PSOC® 4 CY8C41xx - M
<b>RAM Size</b>	8K x 8
<b>Program Memory Type</b>	FLASH
<b>Program Memory Size</b>	64KB (64K x 8)
<b>Peripherals</b>	Brown-out Detect/Reset, CapSense, LCD, LVD, POR, PWM, WDT
<b>Packaging</b>	Tray
<b>Package / Case</b>	68-VFQFN Exposed Pad
<b>Other Names</b>	428-4162 CY8C4126LTI-M445-ND
<b>Oscillator Type</b>	Internal
<b>Operating Temperature</b>	-40°C ~ 85°C (TA)
<b>Number of I/O</b>	55
<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>EEPROM Size</b>	-
<b>Detailed Description</b>	ARM® Cortex®-M0 PSOC® 4 CY8C41xx - M Microcontroller IC 32-Bit 24MHz 64KB (64K x 8) FLASH 68-QFN (8x8)
<b>Data Converters</b>	A/D 8x12b
<b>Core Size</b>	32-Bit
<b>Core Processor</b>	ARM® Cortex®-M0
<b>Connectivity</b>	PC, IrDA, LINbus, Microwire, SmartCard, SPI, SSP, UART/USART

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### RELATED PRODUCTS

	<b>Part#:</b> <a href="#">CY8C4126AZI-M475</a> <b>Description:</b> IC MCU 32BIT 64KB FLASH 64TQFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 46836	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CY8C4126AXI-S445</a> <b>Description:</b> IC MCU 32BIT 64KB FLASH 64TQFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 38295	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CY8C4127LQI-BL453</a> <b>Description:</b> IC MCU 32BIT 128KB FLASH 56QFN	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 35716	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CY8C4127AZI-M485</a> <b>Description:</b> IC MCU 32BIT 128KB FLASH 64TQFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 32121	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CY8C4127AXI-S455</a> <b>Description:</b> IC MCU 32BIT 128KB FLASH 64TQFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 31612	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CY8C4126LTI-M475</a> <b>Description:</b> IC MCU 32BIT 64KB FLASH 68QFN	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 30851	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CY8C4126AZI-M443</a> <b>Description:</b> IC MCU 32BIT 64KB FLASH 48TQFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 41445	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CY8C4127FNI-BL493T</a> <b>Description:</b> IC MCU 32BIT 128KB FLASH 68WLCSP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 29785	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CY8C4126AZI-S445</a> <b>Description:</b> IC MCU 32BIT 64KB FLASH 64TQFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 47713	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CY8C4127FNI-BL483T</a> <b>Description:</b> IC MCU 32BIT 128KB FLASH 68WLCSP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 28965	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CY8C4127AZI-S455</a> <b>Description:</b> IC MCU 32BIT 128KB FLASH 64TQFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 31392	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CY8C4126AZI-S433</a> <b>Description:</b> IC MCU 32BIT 64KB FLASH 48TQFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 28559	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CY8C4127AXI-M485</a> <b>Description:</b> IC MCU 32BIT 128KB FLASH 64TQFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 20894	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CY8C4126AZI-M445</a> <b>Description:</b> IC MCU 32BIT 64KB FLASH 64TQFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 43120	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CY8C4126AZI-S423</a> <b>Description:</b> IC MCU 32BIT 64KB FLASH 48TQFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 32658	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CY8C4126AZI-S455</a> <b>Description:</b> IC MCU 32BIT 64KB FLASH 64TQFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 35756	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CY8C4126AZI-S433T</a> <b>Description:</b> IC MCU 32BIT 64KB FLASH 48TQFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 38577	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CY8C4127AZI-S445</a> <b>Description:</b> IC MCU 32BIT 128KB FLASH 64TQFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 40312	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CY8C4126AZI-S423T</a> <b>Description:</b> IC MCU 32BIT 64KB FLASH 48TQFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 42195	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CY8C4127AXI-S445</a> <b>Description:</b> IC MCU 32BIT 128KB FLASH 64TQFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 39010	<a href="#">RFQ</a>

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