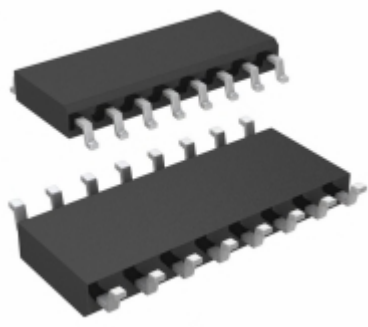


**CY8CLED02-16SXI**



**Part Number:** [CY8CLED02-16SXI](#)  
**Manufacturer:** [Cypress Semiconductor](#)  
**Description:** IC MCU 8BIT 4KB FLASH 16SOIC  
**Data sheet:** [PDF](#) [CY8CLED02](#)

**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="#">CY8CLED02-16SXI</a>
<b>Manufacturer</b>	<a href="#">Cypress Semiconductor</a>
<b>Description</b>	IC MCU 8BIT 4KB FLASH 16SOIC
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	35972 pcs
<b>Product Photo</b>	<a href="#">CY8CLED02-16SXI.jpg</a>
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>
<b>Voltage - Supply</b>	2.4 V ~ 5.25 V
<b>Supplier Device Package</b>	16-SOIC
<b>Series</b>	EZ-Color™ CY8CLED
<b>RAM Size</b>	256 x 8
<b>Program Memory Type</b>	FLASH (4 KB)
<b>Packaging</b>	Tube
<b>Package / Case</b>	16-SOIC (0.154", 3.90mm Width)
<b>Other Names</b>	428-2951-5
<b>Operating Temperature</b>	-40°C ~ 85°C
<b>Number of I/O</b>	12
<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>	PC, IrDA, SPI, UART/USART
<b>Core Processor</b>	M8C
<b>Controller Series</b>	CY8CLED
<b>Base Part Number</b>	CY8CLED02
<b>Applications</b>	HB LED Controller

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	<b>Part#:</b> <a href="#">CY8CLED02-24LFXI</a> <b>Description:</b> IC MCU 8BIT 4KB FLASH 24QFN	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 5512	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CY8CKIT-143A-TRAY</a> <b>Description:</b> DEVELOPMENT KIT	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 108	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CY8CLED03D01-56LTXI</a> <b>Description:</b> IC MCU 8BIT 16KB FLASH 56VQFN	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 13162	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CY8CLED02-8SXI</a> <b>Description:</b> IC MCU 8BIT 4KB FLASH 8SOIC	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 4184	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CY8CLED01D01-56LTXQ</a> <b>Description:</b> IC MCU 8BIT 16KB FLASH 56VQFN	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 17430	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CY8CLED02-16SXI</a> <b>Description:</b> IC MCU 8BIT 4KB FLASH 16SOIC	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 4275	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CY8CLED02D01-56LTXI</a> <b>Description:</b> IC MCU 8BIT 16KB FLASH 56VQFN	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 15509	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CY8CLED03G01-56LTXI</a> <b>Description:</b> IC MCU 8BIT 16KB FLASH 56VQFN	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 15791	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CY8CLED01D01-56LTXQT</a> <b>Description:</b> IC PWR PSOC CTRL 16K 56QFN	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 4195	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CY8CKIT-147</a> <b>Description:</b> PSOC 4100PS PROTOTYPING KIT	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 8688	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CY8CKIT-143A</a> <b>Description:</b> DEV KIT PSOC 4 BLUETOOTH 4.2 BLE	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 5974	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CY8CKIT-146</a> <b>Description:</b> PSOC 4200DS PROTOTYPING KIT	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 10541	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CY8CKIT-143</a> <b>Description:</b> DEV KIT PSOC 4 BLUETOOTH 4.1 BLE	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 5311	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CY8CLED02-24LFXIT</a> <b>Description:</b> IC MCU 8BIT 4KB FLASH 24QFN	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 5644	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CY8CLED01D01-56LTXI</a> <b>Description:</b> IC MCU 8BIT 16KB FLASH 56VQFN	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 19882	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CY8CLED02-8SXI</a> <b>Description:</b> IC MCU 8BIT 4KB FLASH 8SOIC	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 5733	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CY8CLED03D02-56LTXI</a> <b>Description:</b> IC MCU 8BIT 16KB FLASH 56VQFN	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 15176	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CY8CKIT-149</a> <b>Description:</b> PSOC 4100S PLUS PROTOTYPING KIT	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 4909	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CY8CKIT-145-40XX</a> <b>Description:</b> PSOC 4 S-SERIES PROTOTYPING KIT	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a> <b>In Stock:</b> 6020	<a href="#">RFQ</a>

**Related keywords for CY8CLED02-16SXI**

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