



Image may be representation.  
See specifications for product details.

### CY8CLED08-48LFXIT

Part Number: **CY8CLED08-48LFXIT**  
 Product Description: IC MCU 8BIT 16KB FLASH 48QFN  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [CY8CLED08-48LFXIT.pdf](#)

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

[SUBMIT RFQ](#)

#### Product details

<b>Part Number</b>	CY8CLED08-48LFXIT	<b>Manufacturer</b>	Cypress Semiconductor
<b>Description</b>	IC MCU 8BIT 16KB FLASH 48QFN	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	CY8CLED08-48LFXIT.pdf		
<b>Voltage - Supply</b>	3 V ~ 5.25 V	<b>Supplier Device Package</b>	48-QFN (7x7)
<b>Series</b>	EZ-Color™ CY8CLED	<b>RAM Size</b>	256 x 8
<b>Program Memory Type</b>	FLASH (16 KB)	<b>Packaging</b>	Tape & Reel (TR)
<b>Package / Case</b>	48-VFQFN Exposed Pad	<b>Operating Temperature</b>	-40°C ~ 85°C
<b>Number of I/O</b>	44	<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>	I²C, SPI, UART/USART	<b>Core Processor</b>	M8C
<b>Controller Series</b>	CY8CLED	<b>Base Part Number</b>	CY8CLED08
<b>Applications</b>	HB LED Controller		

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