

CY8C3246PVI-141



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**Part Number:** [CY8C3246PVI-141](#)

**Manufacturer:** [Cypress Semiconductor](#)

**Description:** IC MCU 8BIT 64KB FLASH 48SSOP

**Data sheet:**

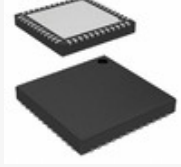
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                |                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                             | CY8C3246PVI-141                           | Manufacturer                   | <a href="#">Cypress Semiconductor</a>                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 8BIT 64KB FLASH 48SSOP             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                      | 5519 pcs                                  | Data sheet                     |                                                                                   |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 1.71 V ~ 5.5 V                                                                    |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                 | 48-SSOP                                   | Speed                          | 50MHz                                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                  | PSOC® 3 CY8C32xx                          | RAM Size                       | 8K x 8                                                                            |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                     | FLASH                                     | Program Memory Size            | 64KB (64K x 8)                                                                    |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                             | CapSense, DMA, POR, PWM, WDT              | Packaging                      | Tube                                                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                          | 48-BSSOP (0.295", 7.50mm Width)           | Oscillator Type                | Internal                                                                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                   | -40°C ~ 85°C (TA)                         | Number of I/O                  | 25                                                                                |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                        | 1 (Unlimited)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                        |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                             | 2K x 8                                    | Detailed Description           | 8051 PSOC® 3 CY8C32xx Microcontroller IC 8-Bit 50MHz 64KB (64K x 8) FLASH 48-SSOP |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                         | A/D 16x12b, D/A 1x8b                      | Core Size                      | 8-Bit                                                                             |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                          | 8051                                      | Connectivity                   | EBI/EMI, I²C, LINbus, SPI, UART/USART                                             |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                        | CY8C3246                                  |                                |                                                                                   |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                      |                |
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|  | Part#: <a href="#">CY8C3246PVA-147</a><br>Description: IC MCU 8BIT 64KB FLASH 48SSOP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C3246LTI-156</a><br>Description: IC MCU 8BIT 64KB FLASH 68QFN   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C3246PVI-122T</a><br>Description: IC MCU 8BIT 64KB FLASH 48SSOP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C3246PVI-147</a><br>Description: IC MCU 8BIT 64KB FLASH 48SSOP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C3246PVA-132</a><br>Description: IC MCU 8BIT 64KB FLASH 48SSOP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C3444AXA-116</a><br>Description: IC MCU 8BIT 16KB FLASH 100TQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C3444AXI-116</a><br>Description: IC MCU 8BIT 16KB FLASH 100TQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C3246LTI-162T</a><br>Description: IC MCU 8BIT 64KB FLASH 48QFN  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C3246PVA-141</a><br>Description: IC MCU 8BIT 64KB FLASH 48SSOP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C3246PVA-122</a><br>Description: IC MCU 8BIT 64KB FLASH 48SSOP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C3246LTI-162</a><br>Description: IC MCU 8BIT 64KB FLASH 48QFN   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C3444AXI-106</a><br>Description: IC MCU 8BIT 16KB FLASH 100TQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C3246PVI-132</a><br>Description: IC MCU 8BIT 64KB FLASH 48SSOP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C3444AXA-096</a><br>Description: IC MCU 8BIT 16KB FLASH 100TQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C3444AXI-096</a><br>Description: IC MCU 8BIT 16KB FLASH 100TQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C3246PVI-122</a><br>Description: IC MCU 8BIT 64KB FLASH 48SSOP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C3444AXI-117</a><br>Description: IC MCU 8BIT 16KB FLASH 100TQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C3444AXA-106</a><br>Description: IC MCU 8BIT 16KB FLASH 100TQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C3444AXA-117</a><br>Description: IC MCU 8BIT 16KB FLASH 100TQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C3246PVI-147T</a><br>Description: IC MCU 8BIT 64KB FLASH 48SSOP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |

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