

CY8C3246LTI-149



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Part Number: [CY8C3246LTI-149](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 8BIT 64KB FLASH 68QFN

Data sheet:  [CY8C32 Family](#)

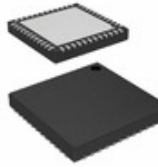
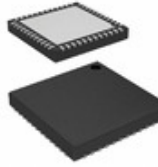
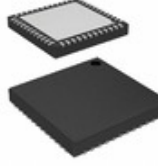
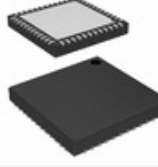
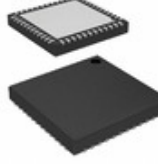
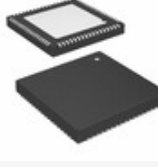
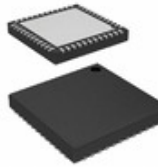
RoHs Status: Lead free / RoHS Compliant

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                  |                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                             | CY8C3246LTI-149                           | Manufacturer                     | <a href="#">Cypress Semiconductor</a>                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 8BIT 64KB FLASH 68QFN              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 19336 pcs                                 | Data sheet                       | <a href="#">CY8C32 Family</a>                                                          |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 1.71 V ~ 5.5 V                                                                         |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 68-QFN (8x8)                              | 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, LCD, POR, PWM, WDT         | Packaging                        | Tray                                                                                   |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 68-VFQFN Exposed Pad                      | Other Names                      | 428-3094<br>CY8C3246LTI-149-ND<br>CY8C3246LTI149                                       |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Internal                                  | Operating Temperature            | -40°C ~ 85°C (TA)                                                                      |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 38                                        | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                          |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                         | 15 Weeks                                  | 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 68-QFN (8x8) |
| 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                                                                   |                                                                                        |                                                      |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------------|----------------|
|  | Part#: <a href="#">CY8C3246LTI-125</a><br>Description: IC MCU 8BIT 64KB FLASH 48QFN    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C3246LTI-121</a><br>Description: IC MCU 8BIT 64KB FLASH 48QFN    | 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="#">CY8C3246LTI-128</a><br>Description: IC MCU 8BIT 64KB FLASH 68QFN    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C3246AXI-138T</a><br>Description: IC MCU 8BIT 64KB FLASH 100TQFP | 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="#">CY8C3246PVI-122</a><br>Description: IC MCU 8BIT 64KB FLASH 48SSOP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C3246LTI-128T</a><br>Description: IC MCU 8BIT 64KB FLASH 68QFN   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C3246LTI-149T</a><br>Description: IC MCU 8BIT 64KB FLASH 68QFN   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C3246AXI-140</a><br>Description: IC MCU 8BIT 64KB FLASH 100TQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | 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="#">CY8C3246PVA-141</a><br>Description: IC MCU 8BIT 64KB FLASH 48SSOP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C3246LTI-125T</a><br>Description: IC MCU 8BIT 64KB FLASH 48QFN   | 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="#">CY8C3246LTI-136</a><br>Description: IC MCU 8BIT 64KB FLASH 48QFN    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C3246LTI-145</a><br>Description: IC MCU 8BIT 64KB FLASH 68QFN    | 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="#">CY8C3246LTI-162</a><br>Description: IC MCU 8BIT 64KB FLASH 48QFN    | 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="#">CY8C3246FNI-213T</a><br>Description: IC MCU 8BIT 64KB FLASH 72WLCSP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |

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