

CY8C3666LTI-012



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**Part Number:** [CY8C3666LTI-012](#)

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

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

**Data sheet:**  [CY8C36](#)

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

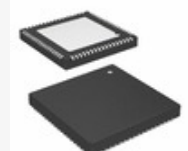
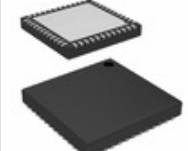
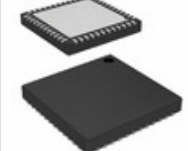
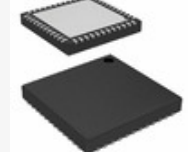
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                |                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|----------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CY8C3666LTI-012                           | Manufacturer                   | <a href="#">Cypress Semiconductor</a>                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC MCU 8BIT 64KB FLASH 48QFN              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5896 pcs                                  | Data sheet                     | <a href="#">CY8C36</a>                                                                 |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 1.71 V ~ 5.5 V                                                                         |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                | 48-QFN (7x7)                              | Speed                          | 67MHz                                                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | PSOC® 3 CY8C36xx                          | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 48-VFQFN Exposed Pad                      | Oscillator Type                | Internal                                                                               |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -40°C ~ 85°C (TA)                         | Number of I/O                  | 25                                                                                     |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                             |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2K x 8                                    | Detailed Description           | 8051 PSOC® 3 CY8C36xx Microcontroller IC 8-Bit 67MHz 64KB (64K x 8) FLASH 48-QFN (7x7) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A/D 16x12b, D/A 4x8b                      | Core Size                      | 8-Bit                                                                                  |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 8051                                      | Connectivity                   | EBI/EMI, I²C, LINbus, SPI, UART/USART                                                  |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CY8C3666                                  |                                |                                                                                        |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Cypress Semiconductor series electronic components. We have 5896 pieces of Cypress Semiconductor CY8C3666LTI-012 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                |                                                                                        |

| RELATED PRODUCTS                                                                   |                                                                                        |                                                      |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------------|---------------------|
|  | Part#: <a href="#">CY8C3666AXI-200</a><br>Description: IC MCU 8BIT 64KB FLASH 100TQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3666LTI-201T</a><br>Description: IC MCU 8BIT 64KB FLASH 68QFN   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3666LTI-042</a><br>Description: IC MCU 8BIT 64KB FLASH 68QFN    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3666LTI-011</a><br>Description: IC MCU 8BIT 64KB FLASH 48QFN    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3666AXI-037</a><br>Description: IC MCU 8BIT 64KB FLASH 100TQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3666LTI-028</a><br>Description: IC MCU 8BIT 64KB FLASH 68QFN    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3666AXI-052T</a><br>Description: IC MCU 8BIT 64KB FLASH 100TQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3666LTI-025</a><br>Description: IC MCU 8BIT 64KB FLASH 68QFN    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3666AXI-037T</a><br>Description: IC MCU 8BIT 64KB FLASH 100TQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3666AXI-200T</a><br>Description: IC MCU 8BIT 64KB FLASH 100TQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3666LTI-046</a><br>Description: IC MCU 8BIT 64KB FLASH 48QFN    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3666LTI-027T</a><br>Description: IC MCU 8BIT 64KB FLASH 68QFN   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3666LTI-050</a><br>Description: IC MCU 8BIT 64KB FLASH 48QFN    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3666AXI-052</a><br>Description: IC MCU 8BIT 64KB FLASH 100TQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3666AXI-202T</a><br>Description: IC MCU 8BIT 64KB FLASH 100TQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3666AXI-036T</a><br>Description: IC MCU 8BIT 64KB FLASH 100TQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3666LTI-027</a><br>Description: IC MCU 8BIT 64KB FLASH 68QFN    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3666LTI-050T</a><br>Description: IC MCU 8BIT 64KB FLASH 48QFN   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3666LTI-201</a><br>Description: IC MCU 8BIT 64KB FLASH 68QFN    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3666AXI-202</a><br>Description: IC MCU 8BIT 64KB FLASH 100TQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |

Related keywords for CY8C3666LTI-012

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