

CY8C3866LTI-068T



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**Part Number:** [CY8C3866LTI-068T](#)

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

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

**Data sheet:**  [CY8C38 Family PSoC-3](#)

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

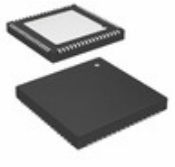
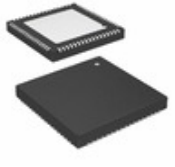
**Ship From:** Hong Kong

**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                                                                                                                                                                                                                                                                                                                                                                                                               | CY8C3866LTI-068T                                                                       | Manufacturer                    | <a href="#">Cypress Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 8BIT 64KB FLASH 48QFN                                                           | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                        | 12171 pcs                                                                              | Data sheet                      | <a href="#">CY8C38 Family PSoC-3</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 CY8C38xx                                                                       | RAM Size                        | 8K x 8                                |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                       | FLASH                                                                                  | Program Memory Size             | 64KB (64K x 8)                        |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                               | CapSense, DMA, LCD, POR, PWM, WDT                                                      | Packaging                       | Tape & Reel (TR)                      |
| 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)                                                                          | 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 CY8C38xx Microcontroller IC 8-Bit 67MHz 64KB (64K x 8) FLASH 48-QFN (7x7) | Data Converters                 | A/D 16x20b, D/A 4x8b                  |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                 | 8-Bit                                                                                  | Core Processor                  | 8051                                  |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                              | CANbus, EBI/EMI, I²C, LINbus, SPI, UART/USART, USB                                     | Base Part Number                | CY8C3866                              |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Cypress Semiconductor series electronic components. We have 12171 pieces of Cypress Semiconductor CY8C3866LTI-068T 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: info@Components-World.com |                                                                                        |                                 |                                       |

| RELATED PRODUCTS                                                                   |                                                                                      |                                                      |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------|---------------------|
|  | Part#: <a href="#">CY8C3866LTI-067T</a><br>Description: IC MCU 8BIT 64KB FLASH 48QFN | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3866LTI-029</a><br>Description: IC MCU 8BIT 64KB FLASH 68QFN  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3866LTI-030T</a><br>Description: IC MCU 8BIT 64KB FLASH 68QFN | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3866PVA-066</a><br>Description: IC MCU 8BIT 64KB FLASH 48SSOP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3866LTI-067</a><br>Description: IC MCU 8BIT 64KB FLASH 48QFN  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3866LTI-064</a><br>Description: IC MCU 8BIT 64KB FLASH 48QFN  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3866LTI-209</a><br>Description: IC MCU 8BIT 64KB FLASH 68QFN  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3866PVA-069</a><br>Description: IC MCU 8BIT 64KB FLASH 48SSOP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3866LTI-030</a><br>Description: IC MCU 8BIT 64KB FLASH 68QFN  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3866PVA-047</a><br>Description: IC MCU 8BIT 64KB FLASH 48SSOP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3866PVA-070</a><br>Description: IC MCU 8BIT 64KB FLASH 48SSOP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3866LTI-020</a><br>Description: IC MCU 8BIT 64KB FLASH 68QFN  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3866LTI-207T</a><br>Description: IC MCU 8BIT 64KB FLASH 68QFN | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3866LTI-209T</a><br>Description: IC MCU 8BIT 64KB FLASH 68QFN | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3866LTI-068</a><br>Description: IC MCU 8BIT 64KB FLASH 48QFN  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3866LTI-065</a><br>Description: IC MCU 8BIT 64KB FLASH 48QFN  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3866LTI-023</a><br>Description: IC MCU 8BIT 64KB FLASH 68QFN  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3866LTI-207</a><br>Description: IC MCU 8BIT 64KB FLASH 68QFN  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3866PVA-005</a><br>Description: IC MCU 8BIT 64KB FLASH 48SSOP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C3866PVA-021</a><br>Description: IC MCU 8BIT 64KB FLASH 48SSOP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |

| Related keywords for CY8C3866LTI-068T  |                                             |                           |                        |
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| Cypress Semiconductor CY8C3866LTI-068T | Cypress Semiconductor Corp CY8C3866LTI-068T |                           |                        |