

CY8C29466-24PXI



**Part Number:** [CY8C29466-24PXI](#)

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

**Description:** IC MCU 8BIT 32KB FLASH 28DIP

**Data sheet:**  [CY8C29x66](#)  
 [CY8C29466, CY8C29666 Automotive](#)

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

**Ship From:** Hong Kong

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

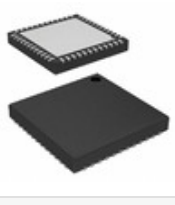
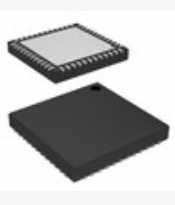
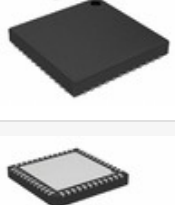
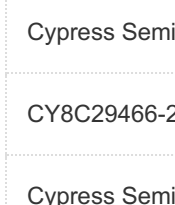
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See Product Specifications for product details.  
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| PRODUCT PARAMETER              |                                                                                 |                                  |                                                                              |
|--------------------------------|---------------------------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------|
| Part Number                    | CY8C29466-24PXI                                                                 | Manufacturer                     | <a href="#">Cypress Semiconductor</a>                                        |
| Description                    | IC MCU 8BIT 32KB FLASH 28DIP                                                    | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                   |
| Quantity Available             | 4905 pcs                                                                        | Data sheet                       | <a href="#">CY8C29x66</a><br><a href="#">CY8C29466, CY8C29666 Automotive</a> |
| Category                       | <a href="#">Integrated Circuits (ICs)</a>                                       | Voltage - Supply (Vcc/Vdd)       | 3 V ~ 5.25 V                                                                 |
| Supplier Device Package        | 28-DIP                                                                          | Speed                            | 24MHz                                                                        |
| Series                         | PSOC®1 CY8C29xxx                                                                | RAM Size                         | 2K x 8                                                                       |
| Program Memory Type            | FLASH                                                                           | Program Memory Size              | 32KB (32K x 8)                                                               |
| Peripherals                    | POR, PWM, WDT                                                                   | Packaging                        | Tube                                                                         |
| Package / Case                 | 28-DIP (0.300", 7.62mm)                                                         | Other Names                      | 428-1586<br>CY8C2946624PXI                                                   |
| Oscillator Type                | Internal                                                                        | Operating Temperature            | -40°C ~ 85°C (TA)                                                            |
| Number of I/O                  | 24                                                                              | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                |
| Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                      | EEPROM Size                      | -                                                                            |
| Detailed Description           | M8C PSOC®1 CY8C29xxx Microcontroller IC 8-Bit 24MHz 32KB (32K x 8) FLASH 28-DIP | Data Converters                  | A/D 12x14b, D/A 4x9b                                                         |
| Core Size                      | 8-Bit                                                                           | Core Processor                   | M8C                                                                          |
| Connectivity                   | PC, SPI, UART/USART                                                             | Base Part Number                 | CY8C29466                                                                    |

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|  | Part#: <a href="#">CY8C28643-24LTXIT</a><br>Description: IC MCU 8BIT 16KB FLASH 48QFN  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">CY8C29466-24PVXIT</a><br>Description: IC MCU 8BIT 32KB FLASH 28SSOP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C29666-24PVXA</a><br>Description: IC MCU 8BIT 32KB FLASH 48SSOP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C29466-24PVXI</a><br>Description: IC MCU 8BIT 32KB FLASH 28SSOP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C29466-12PVXET</a><br>Description: IC MCU 8BIT 32KB FLASH 28SSOP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">CY8C29466-24PVXAT</a><br>Description: IC MCU 8BIT 32KB FLASH 28SSOP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C29566-24AXI</a><br>Description: IC MCU 8BIT 32KB FLASH 44TQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C29666-24LFXI</a><br>Description: IC MCU 8BIT 32KB FLASH 48QFN   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
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