

CYPRESS  
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Cypress Semiconductor



Image may be representation. See specifications for product details.

## CY8C29666-24PVXAT

|                     |                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | CY8C29666-24PVXAT                                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                                   |
| Product description | IC MCU 8BIT 32KB FLASH 48SSOP                                                                                           |
| Datasheets:         |  <a href="#">CY8C29666-24PVXAT.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant            |
| Stock Condition     | 14578 pcs stock                                                                                                         |
| Ship From           | Hong Kong                                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                   |

REQUEST FOR QUOTATION

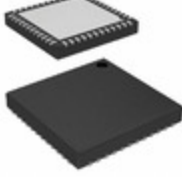
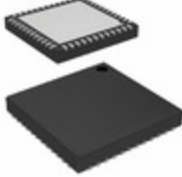
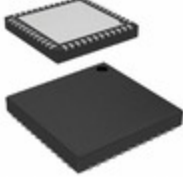
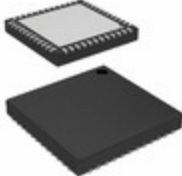
### Specifications of CY8C29666-24PVXAT

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | CY8C29666-24PVXAT                                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                     |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 48SSOP                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                |
| QUANTITY AVAILABLE               | 14578 pcs                                                                                                                 |
| DATA SHEET                       |  <a href="#">CY8C29666-24PVXAT.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.25 V                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 48-SSOP                                                                                                                   |
| 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                        | Tape & Reel (TR)                                                                                                          |
| PACKAGE / CASE                   | 48-BSSOP (0.295", 7.50mm Width)                                                                                           |
| OSCILLATOR TYPE                  | Internal                                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                         |
| NUMBER OF I/O                    | 44                                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                             |
| 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 48-SSOP                                          |
| DATA CONVERTERS                  | A/D 12x14b, D/A 4x9b                                                                                                      |
| CORE SIZE                        | 8-Bit                                                                                                                     |
| CORE PROCESSOR                   | M8C                                                                                                                       |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                                                      |
| BASE PART NUMBER                 | CY8C29666                                                                                                                 |

### Related Tags

|                                         |                                              |                                             |
|-----------------------------------------|----------------------------------------------|---------------------------------------------|
| Cypress Semiconductor CY8C29666-24PVXAT | CY8C29666-24PVXAT Distributor                | CY8C29666-24PVXAT Supplier                  |
| CY8C29666-24PVXAT Price                 | CY8C29666-24PVXAT Pictures                   | CY8C29666-24PVXAT Image                     |
| CY8C29666-24PVXAT PDF Datasheet         | CY8C29666-24PVXAT Download Datasheet         | CY8C29666-24PVXAT Datasheet                 |
| CY8C29666-24PVXAT Stock                 | Buy CY8C29666-24PVXAT                        | Buy Cypress Semiconductor CY8C29666-24PVXAT |
| Cypress Semiconductor CY8C29666-24PVXAT | Cypress Semiconductor Supplier               | Cypress Semiconductor Distributor           |
| Cypress Semiconductor CY8C29666-24PVXAT | Cypress Semiconductor Corp CY8C29666-24PVXAT |                                             |

### Related Products

|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>CY8C29666-24PVXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 48SSOP<br/>In stock: 15587 pcs</div> <div>RFQ</div> |  <div><b>CY8C29666-24PVXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 48SSOP<br/>In stock: 9848 pcs</div> <div>RFQ</div>   |
|  <div><b>CY8C29666-24PVXA</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 48SSOP<br/>In stock: 8185 pcs</div> <div>RFQ</div>   |  <div><b>CY8C29866-24AXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: 14206 pcs</div> <div>RFQ</div> |
|  <div><b>CY8C29666-24LTXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 48QFN<br/>In stock: 8388 pcs</div> <div>RFQ</div>    |  <div><b>CY8C29566-24AXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 18756 pcs</div> <div>RFQ</div>  |
|  <div><b>CY8C29666-24LTXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 48QFN<br/>In stock: 18091 pcs</div> <div>RFQ</div>  |  <div><b>CY8C29666-24LFXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 48QFN<br/>In stock: 4826 pcs</div> <div>RFQ</div>   |
|  <div><b>CY8C29666-24LFXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 48QFN<br/>In stock: 4882 pcs</div> <div>RFQ</div>    |  <div><b>CY8C296664-24PVXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 48SSOP<br/>In stock: 5373 pcs</div> <div>RFQ</div>  |
|  <div><b>CY8C29866-24AXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: 9834 pcs</div> <div>RFQ</div>   |  <div><b>CY8C296664-24PVXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 48SSOP<br/>In stock: 7081 pcs</div> <div>RFQ</div> |