

CYPRESS  
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Cypress Semiconductor



Image may be representation. See specifications for product details.

### CY8C27243-24PVIT

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | CY8C27243-24PVIT                                                                                                     |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                                |
| Product description | IC MCU 8BIT 16KB FLASH 20SSOP                                                                                        |
| Datasheets:         |  CY8C27243-24PVIT.pdf               |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 4878 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

#### Specifications of CY8C27243-24PVIT

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | CY8C27243-24PVIT                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                    |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 20SSOP                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                       |
| QUANTITY AVAILABLE               | 4878 pcs                                                                                                 |
| DATA SHEET                       |  CY8C27243-24PVIT.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.25 V                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 20-SSOP                                                                                                  |
| SPEED                            | 24MHz                                                                                                    |
| SERIES                           | PSOC®1 CY8C27xxx                                                                                         |
| RAM SIZE                         | 256 x 8                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                    |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                                           |
| PERIPHERALS                      | POR, PWM, WDT                                                                                            |
| PACKAGING                        | Tape & Reel (TR)                                                                                         |
| PACKAGE / CASE                   | 20-SSOP (0.209", 5.30mm Width)                                                                           |
| OSCILLATOR TYPE                  | Internal                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                        |
| NUMBER OF I/O                    | 16                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                       |
| EEPROM SIZE                      | -                                                                                                        |
| DETAILED DESCRIPTION             | M8C PSOC®1 CY8C27xxx Microcontroller IC 8-Bit 24MHz 16KB (16K x 8) FLASH 20-SSOP                         |
| DATA CONVERTERS                  | A/D 4x14b; D/A 4x9b                                                                                      |
| CORE SIZE                        | 8-Bit                                                                                                    |
| CORE PROCESSOR                   | M8C                                                                                                      |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                                     |
| BASE PART NUMBER                 | CY8C27243                                                                                                |

#### Related Tags

|                                        |                                             |                                            |
|----------------------------------------|---------------------------------------------|--------------------------------------------|
| Cypress Semiconductor CY8C27243-24PVIT | CY8C27243-24PVIT Distributor                | CY8C27243-24PVIT Supplier                  |
| CY8C27243-24PVIT Price                 | CY8C27243-24PVIT Pictures                   | CY8C27243-24PVIT Image                     |
| CY8C27243-24PVIT PDF Datasheet         | CY8C27243-24PVIT Download Datasheet         | CY8C27243-24PVIT Datasheet                 |
| CY8C27243-24PVIT Stock                 | Buy CY8C27243-24PVIT                        | Buy Cypress Semiconductor CY8C27243-24PVIT |
| Cypress Semiconductor CY8C27243-24PVIT | Cypress Semiconductor Supplier              | Cypress Semiconductor Distributor          |
| Cypress Semiconductor CY8C27243-24PVIT | Cypress Semiconductor Corp CY8C27243-24PVIT |                                            |

#### Related Products

|                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>CY8C26643-24PVIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 48SSOP<br/>In stock: 5157 pcs<br/><div>RFQ</div></div> |  <div><b>CY8C27443-24PVIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 28SSOP<br/>In stock: 5414 pcs<br/><div>RFQ</div></div>   |
|  <div><b>CY8C26643-24PVXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 48SSOP<br/>In stock: 2892 pcs<br/><div>RFQ</div></div> |  <div><b>CY8C27243-24SXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 20SOIC<br/>In stock: 28418 pcs<br/><div>RFQ</div></div>  |
|  <div><b>CY8C27243-24SXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 20SOIC<br/>In stock: 12793 pcs<br/><div>RFQ</div></div> |  <div><b>CY8C27243-24PVXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 20SSOP<br/>In stock: 14960 pcs<br/><div>RFQ</div></div>  |
|  <div><b>CY8C27243-24PVI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 20SSOP<br/>In stock: 4301 pcs<br/><div>RFQ</div></div>  |  <div><b>CY8C27243-12PVXE</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 20SSOP<br/>In stock: 5506 pcs<br/><div>RFQ</div></div>   |
|  <div><b>CY8C27143-24PXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 8DIP<br/>In stock: 15972 pcs<br/><div>RFQ</div></div>   |  <div><b>CY8C27243-12PVXET</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 20SSOP<br/>In stock: 4317 pcs<br/><div>RFQ</div></div>  |
|  <div><b>CY8C27443-24PVI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 28SSOP<br/>In stock: 5904 pcs<br/><div>RFQ</div></div>  |  <div><b>CY8C27243-24PVXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 20SSOP<br/>In stock: 15225 pcs<br/><div>RFQ</div></div> |