



Cypress Semiconductor



CY8C26643-24AXI

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | CY8C26643-24AXI                                                                                              |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 8BIT 16KB FLASH 44TQFP                                                                                |
| Datasheets:         |  CY8C26643-24AXI.pdf        |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4405 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of CY8C26643-24AXI

|                                  |                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | CY8C26643-24AXI                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                   |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 44TQFP                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| QUANTITY AVAILABLE               | 4405 pcs                                                                                                |
| DATA SHEET                       |  CY8C26643-24AXI.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.25 V                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 44-TQFP (10x10)                                                                                         |
| SPEED                            | 24MHz                                                                                                   |
| SERIES                           | PSOC®1 CY8C26xxx                                                                                        |
| RAM SIZE                         | 256 x 8                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                   |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                                          |
| PERIPHERALS                      | LVD, POR, PWM, WDT                                                                                      |
| PACKAGING                        | Tray                                                                                                    |
| PACKAGE / CASE                   | 44-LQFP                                                                                                 |
| OTHER NAMES                      | 428-1645                                                                                                |
| OSCILLATOR TYPE                  | Internal                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                       |
| NUMBER OF I/O                    | 40                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| EEPROM SIZE                      | -                                                                                                       |
| DETAILED DESCRIPTION             | M8C PSOC®1 CY8C26xxx Microcontroller IC 8-Bit 24MHz 16KB (16K x 8) FLASH 44-TQFP (10x10)                |
| DATA CONVERTERS                  | A/D 1x8b, 1x11b, 1x12b; D/A 1x9b                                                                        |
| CORE SIZE                        | 8-Bit                                                                                                   |
| CORE PROCESSOR                   | M8C                                                                                                     |
| CONNECTIVITY                     | SPI, UART/USART                                                                                         |
| BASE PART NUMBER                 | CY8C26643                                                                                               |

Related Tags

|                                       |                                            |                                           |
|---------------------------------------|--------------------------------------------|-------------------------------------------|
| Cypress Semiconductor CY8C26643-24AXI | CY8C26643-24AXI Distributor                | CY8C26643-24AXI Supplier                  |
| CY8C26643-24AXI Price                 | CY8C26643-24AXI Pictures                   | CY8C26643-24AXI Image                     |
| CY8C26643-24AXI PDF Datasheet         | CY8C26643-24AXI Download Datasheet         | CY8C26643-24AXI Datasheet                 |
| CY8C26643-24AXI Stock                 | Buy CY8C26643-24AXI                        | Buy Cypress Semiconductor CY8C26643-24AXI |
| Cypress Semiconductor CY8C26643-24AXI | Cypress Semiconductor Supplier             | Cypress Semiconductor Distributor         |
| Cypress Semiconductor CY8C26643-24AXI | Cypress Semiconductor Corp CY8C26643-24AXI |                                           |

Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                |
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| <div><div><b>CY8C27243-12PVXE</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 20SSOP<br/>In stock: 5506 pcs</div><div>RFQ</div></div> | <div><div><b>CY8C27143-24PXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 8DIP<br/>In stock: 15972 pcs</div><div>RFQ</div></div>    |
| <div><div><b>CY8C26643-24PVI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 48SSOP<br/>In stock: 3494 pcs</div><div>RFQ</div></div>  | <div><div><b>CY8C27243-12PVXET</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 20SSOP<br/>In stock: 4317 pcs</div><div>RFQ</div></div> |
| <div><div><b>CY8C26643-24AI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/>In stock: 5744 pcs</div><div>RFQ</div></div>   | <div><div><b>CY8C26443-24SXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 28SOIC<br/>In stock: 4093 pcs</div><div>RFQ</div></div>   |
| <div><div><b>CY8C26443-24PXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 28DIP<br/>In stock: 2828 pcs</div><div>RFQ</div></div>   | <div><div><b>CY8C26443-24SIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 28SOIC<br/>In stock: 3604 pcs</div><div>RFQ</div></div>   |
| <div><div><b>CY8C26643-24PVXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 48SSOP<br/>In stock: 2892 pcs</div><div>RFQ</div></div> | <div><div><b>CY8C26643-24PVIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 48SSOP<br/>In stock: 5157 pcs</div><div>RFQ</div></div>  |
| <div><div><b>CY8C26643-24AIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/>In stock: 6024 pcs</div><div>RFQ</div></div>  | <div><div><b>CY8C26443-24SI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 28SOIC<br/>In stock: 2936 pcs</div><div>RFQ</div></div>    |