

CY8C27543-24AXI



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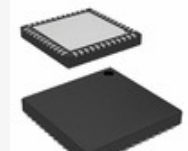
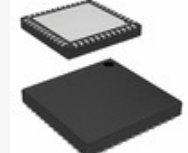
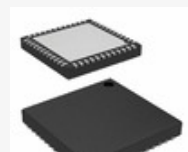


**Part Number:** [CY8C27543-24AXI](#)  
**Manufacturer:** [Cypress Semiconductor](#)  
**Description:** IC MCU 8BIT 16KB FLASH 44TQFP  
**Data sheet:**  [CY8C27x43](#)

**RoHs Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                  |                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                              | CY8C27543-24AXI                           | Manufacturer                     | <a href="#">Cypress Semiconductor</a>                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                              | IC MCU 8BIT 16KB FLASH 44TQFP             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                       | 23899 pcs                                 | Data sheet                       | <a href="#">CY8C27x43</a>                                                                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 3 V ~ 5.25 V                                                                             |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                  | 44-TQFP (10x10)                           | 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                        | Tray                                                                                     |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                           | 44-LQFP                                   | Other Names                      | 428-1599<br>CY8C2754324AXI                                                               |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                          | Internal                                  | Operating Temperature            | -40°C ~ 85°C (TA)                                                                        |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                            | 40                                        | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                            |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                          | 15 Weeks                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                               |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                              | -                                         | Detailed Description             | M8C PSOC®1 CY8C27xxx Microcontroller IC 8-Bit 24MHz 16KB (16K x 8) FLASH 44-TQFP (10x10) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                          | A/D 4x14b; D/A 4x9b                       | Core Size                        | 8-Bit                                                                                    |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                           | M8C                                       | Connectivity                     | IPC, SPI, UART/USART                                                                     |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                         | CY8C27543                                 |                                  |                                                                                          |
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|  | Part#: <a href="#">CY8C27243-24SXIT</a><br>Description: IC MCU 8BIT 16KB FLASH 20SOIC  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C274436A-24PVXI</a><br>Description: IC MCU 8BIT 28SSOP           | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C27443-24PVIT</a><br>Description: IC MCU 8BIT 16KB FLASH 28SSOP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C27443-24PVXIT</a><br>Description: IC MCU 8BIT 16KB FLASH 28SSOP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C27643-24LFXI</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="#">CY8C27643-24PVXI</a><br>Description: IC MCU 8BIT 16KB FLASH 48SSOP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">CY8C27543-24AXIT</a><br>Description: IC MCU 8BIT 16KB FLASH 44TQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C27443-24SXI</a><br>Description: IC MCU 8BIT 16KB FLASH 28SOIC   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C27643-24LTXIT</a><br>Description: IC MCU 8BIT 16KB FLASH 48QFN  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C28243-24PVXIT</a><br>Description: IC MCU 8BIT 16KB FLASH 20SSOP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C27643-24LFXIT</a><br>Description: IC MCU 8BIT 16KB FLASH 48QFN  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C28243-24PVXI</a><br>Description: IC MCU 8BIT 16KB FLASH 20SSOP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
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