



Cypress Semiconductor

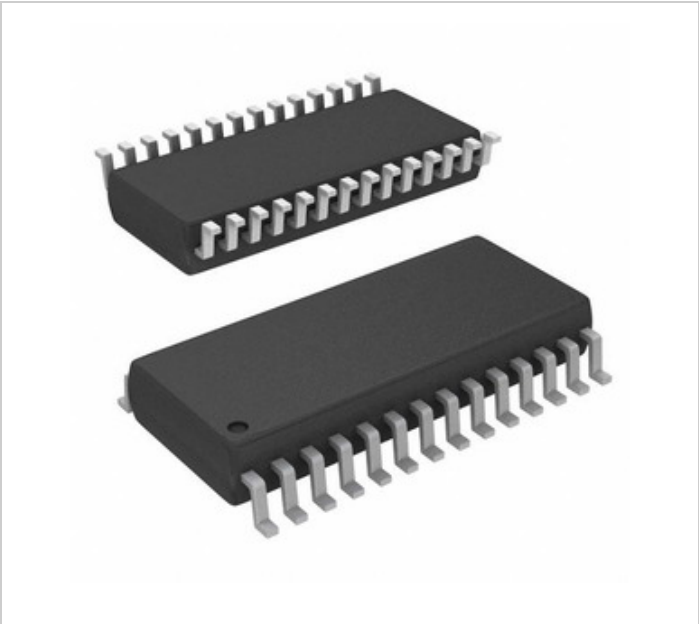


Image may be representation. See specifications for product details.

CY8C24423A-24SXI

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | CY8C24423A-24SXI                                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                                  |
| Product description | IC MCU 8BIT 4KB FLASH 28SOIC                                                                                           |
| Datasheets:         |  <a href="#">CY8C24423A-24SXI.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant           |
| Ship From           | Hong Kong                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                  |

REQUEST FOR QUOTATION

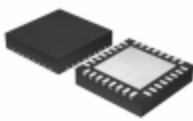
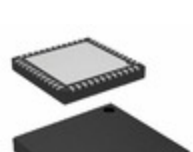
Specifications of CY8C24423A-24SXI

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | CY8C24423A-24SXI                                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                    |
| DESCRIPTION                      | IC MCU 8BIT 4KB FLASH 28SOIC                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| DATA SHEET                       |  <a href="#">CY8C24423A-24SXI.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.4 V ~ 5.25 V                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 28-SOIC                                                                                                                  |
| SPEED                            | 24MHz                                                                                                                    |
| SERIES                           | PSOC®1 CY8C24xxx                                                                                                         |
| RAM SIZE                         | 256 x 8                                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                    |
| PROGRAM MEMORY SIZE              | 4KB (4K x 8)                                                                                                             |
| PERIPHERALS                      | POR, PWM, WDT                                                                                                            |
| PACKAGING                        | Tube                                                                                                                     |
| PACKAGE / CASE                   | 28-SOIC (0.295", 7.50mm Width)                                                                                           |
| OTHER NAMES                      | 428-1609<br>CY8C24423A24SXI                                                                                              |
| OSCILLATOR TYPE                  | Internal                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                        |
| NUMBER OF I/O                    | 24                                                                                                                       |
| 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 CY8C24xxx Microcontroller IC 8-Bit 24MHz 4KB (4K x 8) FLASH 28-SOIC                                           |
| DATA CONVERTERS                  | A/D 10x14b, D/A 2x9b                                                                                                     |
| CORE SIZE                        | 8-Bit                                                                                                                    |
| CORE PROCESSOR                   | M8C                                                                                                                      |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                                                     |
| BASE PART NUMBER                 | CY8C24423                                                                                                                |

Related Tags

|                                        |                                             |                                            |
|----------------------------------------|---------------------------------------------|--------------------------------------------|
| Cypress Semiconductor CY8C24423A-24SXI | CY8C24423A-24SXI Distributor                | CY8C24423A-24SXI Supplier                  |
| CY8C24423A-24SXI Price                 | CY8C24423A-24SXI Pictures                   | CY8C24423A-24SXI Image                     |
| CY8C24423A-24SXI PDF Datasheet         | CY8C24423A-24SXI Download Datasheet         | CY8C24423A-24SXI Datasheet                 |
| CY8C24423A-24SXI Stock                 | Buy CY8C24423A-24SXI                        | Buy Cypress Semiconductor CY8C24423A-24SXI |
| Cypress Semiconductor CY8C24423A-24SXI | Cypress Semiconductor Supplier              | Cypress Semiconductor Distributor          |
| Cypress Semiconductor CY8C24423A-24SXI | Cypress Semiconductor Corp CY8C24423A-24SXI |                                            |

Related Products

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>CY8C24423A4-24LTXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 4KB FLASH 32QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>CY8C24423A-24SXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 4KB FLASH 28SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>CY8C24423A4-24PVXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 4KB FLASH 28SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>CY8C24423A-24PVXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 4KB FLASH 28SSOP<br/>In stock: 555 pcs<br/><div>RFQ</div></div>    |
|  <div><b>CY8C24423A-24PVXA</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 4KB FLASH 28SSOP<br/>In stock: 14 pcs<br/><div>RFQ</div></div>     |  <div><b>CY8C24423A-24PXX</b><br/>Manufacturers: Cypress Semiconductor Corp<br/>Description: IC MCU 8BIT 4KB FLASH 28DIP<br/>In stock: 136 pcs<br/><div>RFQ</div></div> |
|  <div><b>CY8C24423A-24PVXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 4KB FLASH 28SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>CY8C24533-24PVXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 8KB FLASH 28SSOP<br/>In stock: 993 pcs<br/><div>RFQ</div></div>     |
|  <div><b>CY8C24493-24LTXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 48QFN<br/>In stock: 520 pcs<br/><div>RFQ</div></div>     |  <div><b>CY8C24423A-24PVXAT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 4KB FLASH 28SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>CY8C24423A-24LTXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 4KB FLASH 32QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>CY8C24423A4-24SXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 4KB FLASH 28SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |