

CY8C24894-24LFXA



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**Part Number:** [CY8C24894-24LFXA](#)

**Manufacturer:** [Cypress Semiconductor](#)

**Description:** IC MCU 8BIT 16KB FLASH 56QFN

**Data sheet:**  [CY8C24894](#)

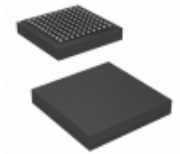
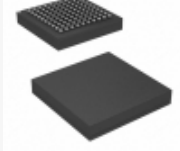
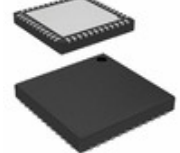
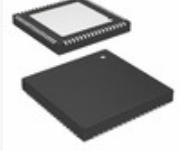
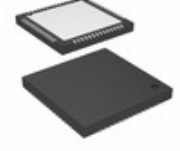
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                       |                                  |                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------|------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                             | CY8C24894-24LFXA                                                                      | Manufacturer                     | <a href="#">Cypress Semiconductor</a>                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 8BIT 16KB FLASH 56QFN                                                          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5564 pcs                                                                              | Data sheet                       | <a href="#">CY8C24894</a>                                  |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a>                                             | Voltage - Supply (Vcc/Vdd)       | 3 V ~ 5.25 V                                               |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 56-QFN (8x8)                                                                          | Speed                            | 24MHz                                                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PSOC®1 CY8C24xxx                                                                      | RAM Size                         | 1K x 8                                                     |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FLASH                                                                                 | Program Memory Size              | 16KB (16K x 8)                                             |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                             | POR, PWM, WDT                                                                         | Packaging                        | Tray                                                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 56-VFQFN Exposed Pad                                                                  | Other Names                      | CY8C24894-24LTXA<br>CY8C24894-24LTXA-ND<br>CY8C2489424LFXA |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Internal                                                                              | Operating Temperature            | -40°C ~ 85°C (TA)                                          |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 49                                                                                    | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                              |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                          | Lead free / RoHS Compliant                                                            | EEPROM Size                      | -                                                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                    | M8C PSOC®1 CY8C24xxx Microcontroller IC 8-Bit 24MHz 16KB (16K x 8) FLASH 56-QFN (8x8) | Data Converters                  | A/D 48x14b, D/A 2x9b                                       |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 8-Bit                                                                                 | Core Processor                   | M8C                                                        |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                            | I²C, SPI, UART/USART, USB                                                             | Base Part Number                 | CY8C24894                                                  |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Cypress Semiconductor series electronic components. We have 5564 pieces of Cypress Semiconductor CY8C24894-24LFXA in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                       |                                  |                                                            |

| RELATED PRODUCTS                                                                   |                                                                                          |                                                      |                     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------|---------------------|
|  | Part#: <a href="#">CY8C24633-24PVXIT</a><br>Description: IC MCU 8BIT 8KB FLASH 28SSOP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C24994-24LFXI</a><br>Description: IC MCU 8BIT 16KB FLASH 68QFN     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C24994-24BVXIT</a><br>Description: IC MCU 8BIT 16KB FLASH 100VFBGA | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C24894-24LTXI</a><br>Description: IC MCU 8BIT 16KB FLASH 56QFN     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C24794-24LQXIT</a><br>Description: IC MCU 8BIT 16KB FLASH 56QFN    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C24794-24LFXI</a><br>Description: IC MCU 8BIT 16KB FLASH 56QFN     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C24894-24LFXIT</a><br>Description: IC MCU 8BIT 16KB FLASH 56QFN    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C24994-24BVXI</a><br>Description: IC MCU 8BIT 16KB FLASH 100VFBGA  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C24794-24LFXIT</a><br>Description: IC MCU 8BIT 16KB FLASH 56QFN    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C24894-24LTXAT</a><br>Description: IC MCU 8BIT 16KB FLASH 56QFN    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C24894-24LFXI</a><br>Description: IC MCU 8BIT 16KB FLASH 56QFN     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C24794-24LTXI</a><br>Description: IC MCU 8BIT 16KB FLASH 56QFN     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C24794-24LQXI</a><br>Description: IC MCU 8BIT 16KB FLASH 56QFN     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C24633-24PVXI</a><br>Description: IC MCU 8BIT 8KB FLASH 28SSOP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C24693-24LQXI</a><br>Description: IC MCU 8BIT 32KB FLASH 48QFN     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C24994-24LTXI</a><br>Description: IC MCU 8BIT 16KB FLASH 68QFN     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C24894-24LTXIT</a><br>Description: IC MCU 8BIT 16KB FLASH 56QFN    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C24794-24LTXIT</a><br>Description: IC MCU 8BIT 16KB FLASH 56QFN    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C24994-24LFXIT</a><br>Description: IC MCU 8BIT 16KB FLASH 68QFN    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C24533-24PVXIT</a><br>Description: IC MCU 8BIT 8KB FLASH 28SSOP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |

| Related keywords for CY8C24894-24LFXA  |                                             |                           |                        |
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