



**Cypress Semiconductor**



Image may be representation. See specifications for product details.

**CY8C4125AXI-S433**

Part Number:

CY8C4125AXI-S433

Manufacturer/Brand:

Cypress Semiconductor

## Product description

IC MCU 32BIT 32KB FLASH 44TQFP

Datasheets:

 [CY8C4125AXI-S433.pdf](#)

RoHS Status

✓ Lead free / RoHS Compliant

### Stock Condition

33369 pcs stock

Ship From

Hong Kong

Shipment Way

DHL/Fedex/TNT/UPS/EMS

## REQUEST FOR QUOTATION

## Specifications of CY8C4125AXI-S433

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | CY8C4125AXI-S433                                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                    |
| DESCRIPTION                      | IC MCU 32BIT 32KB FLASH 44TQFP                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| QUANTITY AVAILABLE               | 33369 pcs                                                                                                                |
| DATA SHEET                       |  <a href="#">CY8C4125AXI-S433.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 5.5 V                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 44-TQFP (10x10)                                                                                                          |
| SPEED                            | 24MHz                                                                                                                    |
| SERIES                           | PSOC® 4 CY8C4100S                                                                                                        |
| RAM SIZE                         | 4K x 8                                                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                    |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                                           |
| PERIPHERALS                      | Brown-out Detect/Reset, CapSense, LCD, LVD, POR, PWM, WDT                                                                |
| PACKAGING                        | Tray                                                                                                                     |
| PACKAGE / CASE                   | 44-LQFP                                                                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                        |
| NUMBER OF I/O                    | 36                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| EEPROM SIZE                      | -                                                                                                                        |
| DETAILED DESCRIPTION             | ARM® Cortex®-M0+ PSOC® 4 CY8C4100S Microcontroller IC 32-Bit 24MHz 32KB (32K x 8) FLASH 44-TQFP (10x10)                  |
| DATA CONVERTERS                  | A/D 1x10b, 1x12b SAR                                                                                                     |
| CORE SIZE                        | 32-Bit                                                                                                                   |
| CORE PROCESSOR                   | ARM® Cortex®-M0+                                                                                                         |
| CONNECTIVITY                     | I²C, IrDA, LINbus, Microwire, SmartCard, SPI, SSP, UART/USART                                                            |

## Related Tags

|                                        |                                             |                                            |
|----------------------------------------|---------------------------------------------|--------------------------------------------|
| Cypress Semiconductor CY8C4125AXI-S433 | CY8C4125AXI-S433 Distributor                | CY8C4125AXI-S433 Supplier                  |
| CY8C4125AXI-S433 Price                 | CY8C4125AXI-S433 Pictures                   | CY8C4125AXI-S433 Image                     |
| CY8C4125AXI-S433 PDF Datasheet         | CY8C4125AXI-S433 Download Datasheet         | CY8C4125AXI-S433 Datasheet                 |
| CY8C4125AXI-S433 Stock                 | Buy CY8C4125AXI-S433                        | Buy Cypress Semiconductor CY8C4125AXI-S433 |
| Cypress Semiconductor CY8C4125AXI-S433 | Cypress Semiconductor Supplier              | Cypress Semiconductor Distributor          |
| Cypress Semiconductor CY8C4125AXI-S433 | Cypress Semiconductor Corp CY8C4125AXI-S433 |                                            |

## Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>CY8C4125AZI-473</b><p>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 48TQFP<br/>In stock: 30974 pcs</p><div>RFQ</div></div></div>  | <div><div><b>CY8C4125AXI-483T</b><p>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 44TQFP<br/>In stock: 50097 pcs</p><div>RFQ</div></div></div> |
| <div><div><b>CY8C4124PVS-442</b><p>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 16KB FLASH 28SSOP<br/>In stock: 17438 pcs</p><div>RFQ</div></div></div>  | <div><div><b>CY8C4125AZI-M445</b><p>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 64TQFP<br/>In stock: 20122 pcs</p><div>RFQ</div></div></div> |
| <div><div><b>CY8C4125AZI-M443</b><p>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 48TQFP<br/>In stock: 21773 pcs</p><div>RFQ</div></div></div> | <div><div><b>CY8C4125AXI-473</b><p>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 44TQFP<br/>In stock: 27574 pcs</p><div>RFQ</div></div></div>  |
| <div><div><b>CY8C4125AXQ-483</b><p>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 44TQFP<br/>In stock: 25578 pcs</p><div>RFQ</div></div></div>  | <div><div><b>CY8C4125AXI-M445</b><p>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 64TQFP<br/>In stock: 30478 pcs</p><div>RFQ</div></div></div> |
| <div><div><b>CY8C4125AXI-S423</b><p>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 44TQFP<br/>In stock: 44119 pcs</p><div>RFQ</div></div></div> | <div><div><b>CY8C4125AZI-483</b><p>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 48TQFP<br/>In stock: 28966 pcs</p><div>RFQ</div></div></div>  |
| <div><div><b>CY8C4125AZI-M433</b><p>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 48TQFP<br/>In stock: 29013 pcs</p><div>RFQ</div></div></div> | <div><div><b>CY8C4125AXI-483</b><p>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 44TQFP<br/>In stock: 26275 pcs</p><div>RFQ</div></div></div>  |