



Cypress Semiconductor



Image may be representation. See specifications for product details.

CY8C4145AZI-S423

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | CY8C4145AZI-S423                                                                                             |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 32BIT 32KB FLASH 48TQFP                                                                               |
| Datasheets:         | <a href="#">PDF</a> CY8C4145AZI-S423.pdf                                                                     |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

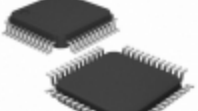
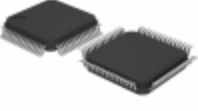
Specifications of CY8C4145AZI-S423

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | CY8C4145AZI-S423                                                                                      |
| MANUFACTURER                     | Cypress Semiconductor                                                                                 |
| DESCRIPTION                      | IC MCU 32BIT 32KB FLASH 48TQFP                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| DATA SHEET                       | <a href="#">PDF</a> CY8C4145AZI-S423.pdf                                                              |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 5.5 V                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 48-TQFP (7x7)                                                                                         |
| SPEED                            | 48MHz                                                                                                 |
| 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                   | 48-LQFP                                                                                               |
| OSCILLATOR TYPE                  | Internal                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                     |
| NUMBER OF I/O                    | 36                                                                                                    |
| 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             | ARM® Cortex®-M0+ PSOC® 4 CY8C4100S Microcontroller IC 32-Bit 48MHz 32KB (32K x 8) FLASH 48-TQFP (7x7) |
| 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 CY8C4145AZI-S423 | CY8C4145AZI-S423 Distributor                | CY8C4145AZI-S423 Supplier                  |
| CY8C4145AZI-S423 Price                 | CY8C4145AZI-S423 Pictures                   | CY8C4145AZI-S423 Image                     |
| CY8C4145AZI-S423 PDF Datasheet         | CY8C4145AZI-S423 Download Datasheet         | CY8C4145AZI-S423 Datasheet                 |
| CY8C4145AZI-S423 Stock                 | Buy CY8C4145AZI-S423                        | Buy Cypress Semiconductor CY8C4145AZI-S423 |
| Cypress Semiconductor CY8C4145AZI-S423 | Cypress Semiconductor Supplier              | Cypress Semiconductor Distributor          |
| Cypress Semiconductor CY8C4145AZI-S423 | Cypress Semiconductor Corp CY8C4145AZI-S423 |                                            |

Related Products

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|  <div><b>CY8C4146AXI-S423</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 64KB FLASH 44TQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>CY8C4145AXI-S423</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 44TQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>CY8C4128LQI-BL483</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 56QFN<br/>In stock: 141 pcs<br/><a href="#">RFQ</a></div>   |  <div><b>CY8C4146AXI-S455</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 64KB FLASH 64TQFP<br/>In stock: 180 pcs<br/><a href="#">RFQ</a></div>   |
|  <div><b>CY8C4145AXI-S433</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 44TQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>CY8C4128LQI-BL473</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: CY8C4128LQI-BL473<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>             |
|  <div><b>CY8C4145AZI-S423T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 48TQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>CY8C4128LQI-BL593</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: CY8C4128LQI-BL593<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>             |
|  <div><b>CY8C4146AXI-S433</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 64KB FLASH 44TQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>CY8C4146AXI-S445</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 64KB FLASH 64TQFP<br/>In stock: 178 pcs<br/><a href="#">RFQ</a></div>   |
|  <div><b>CY8C4128LQI-BL593T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: CY8C4128LQI-BL593T<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>            |  <div><b>CY8C4146AZI-S423</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 64KB FLASH 48TQFP<br/>In stock: 450 pcs<br/><a href="#">RFQ</a></div>   |