

CY8C4125LQI-S433T



**CYPRESS**  
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**Part Number:** [CY8C4125LQI-S433T](#)

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

**Description:** IC MCU 32BIT 32KB FLASH 40QFN

**Data sheet:**  [PSoC® 4: PSoC 4100S Family](#)

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

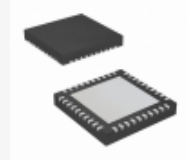
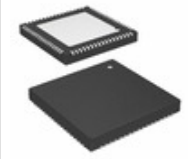
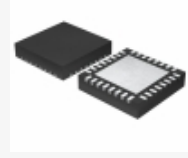
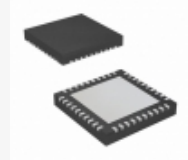
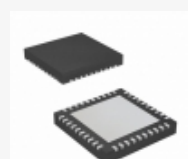
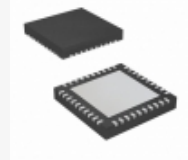
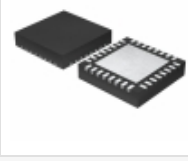
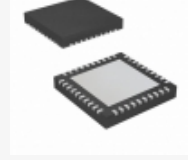
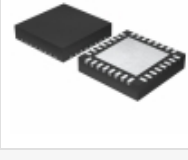
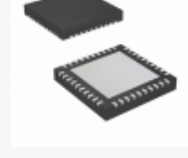
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                      |                                 |                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                               | CY8C4125LQI-S433T                                                                                    | Manufacturer                    | <a href="#">Cypress Semiconductor</a>    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 32BIT 32KB FLASH 40QFN                                                                        | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 48445 pcs                                                                                            | Data sheet                      | <a href="#">PSoC® 4: PSoC 4100S</a>      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                                                            | Voltage - Supply (Vcc/Vdd)      | <a href="#">Family</a><br>1.71 V ~ 5.5 V |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 40-QFN (6x6)                                                                                         | 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                       | Tape & Reel (TR)                         |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 40-UFQFN Exposed Pad                                                                                 | Oscillator Type                 | Internal                                 |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 85°C (TA)                                                                                    | Number of I/O                   | 34                                       |
| 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 24MHz 32KB (32K x 8) FLASH 40-QFN (6x6) | 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                                        |                                 |                                          |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Cypress Semiconductor series electronic components. We have 48445 pieces of Cypress Semiconductor CY8C4125LQI-S433T 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="#">CY8C4125PVS-482ZT</a><br>Description: PSOC4                         | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C4125PVS-482Z</a><br>Description: PSOC4                          | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C4125PVI-482</a><br>Description: IC MCU 32BIT 32KB FLASH 28SSOP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C4125LQQ-483</a><br>Description: IC MCU 32BIT 32KB FLASH 40QFN   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C4125LTI-M445</a><br>Description: IC MCU 32BIT 32KB FLASH 68QFN  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C4125LQI-S432T</a><br>Description: IC MCU 32BIT 32KB FLASH 32QFN | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C4125PVA-482Z</a><br>Description: CY8C4125PVA-482Z               | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C4125LQI-S423</a><br>Description: IC MCU 32BIT 32KB FLASH 40QFN  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C4125PVI-482T</a><br>Description: IC MCU 32BIT 32KB FLASH 28SSOP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C4125LQI-S433</a><br>Description: IC MCU 32BIT 32KB FLASH 40QFN  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C4125LQI-S412T</a><br>Description: IC MCU 32BIT 32KB FLASH 32QFN | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C4125LQI-S413</a><br>Description: IC MCU 32BIT 32KB FLASH 40QFN  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C4125LQI-S422T</a><br>Description: IC MCU 32BIT 32KB FLASH 32QFN | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C4125LQI-S423T</a><br>Description: IC MCU 32BIT 32KB FLASH 40QFN | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C4125PVS-482</a><br>Description: IC MCU 32BIT 32KB FLASH 28SSOP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C4125PVA-482T</a><br>Description: IC MCU 32BIT 32KB FLASH 28SSOP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C4125LQI-S422</a><br>Description: IC MCU 32BIT 32KB FLASH 32QFN  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C4125LQI-S413T</a><br>Description: IC MCU 32BIT 32KB FLASH 40QFN | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C4125LQI-S432</a><br>Description: IC MCU 32BIT 32KB FLASH 32QFN  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C4125PVA-482</a><br>Description: IC MCU 32BIT 32KB FLASH 28SSOP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |

Related keywords for CY8C4125LQI-S433T

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