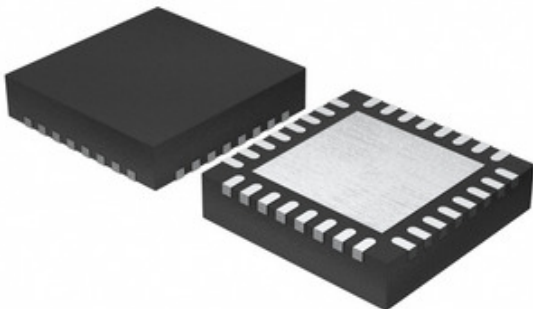




Cypress Semiconductor



CY8C4025LQI-S412

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | CY8C4025LQI-S412                                                                                             |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 32BIT 32KB FLASH 32QFN                                                                                |
|                     |  1.CY8C4025LQI-S412.pdf     |
|                     |  2.CY8C4025LQI-S412.pdf     |
|                     |  3.CY8C4025LQI-S412.pdf     |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 24783 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

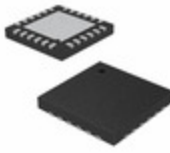
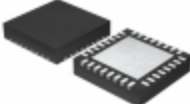
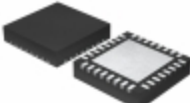
Specifications of CY8C4025LQI-S412

|                                  |                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | CY8C4025LQI-S412                                                                                                                                                                                                                                                                                                                       |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                                                                                                                                                                                                                                  |
| DESCRIPTION                      | IC MCU 32BIT 32KB FLASH 32QFN                                                                                                                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                             |
| QUANTITY AVAILABLE               | 24783 pcs                                                                                                                                                                                                                                                                                                                              |
| DATA SHEET                       |  1.CY8C4025LQI-S412.pdf<br> 2.CY8C4025LQI-S412.pdf<br> 3.CY8C4025LQI-S412.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 32-QFN (5x5)                                                                                                                                                                                                                                                                                                                           |
| SPEED                            | 24MHz                                                                                                                                                                                                                                                                                                                                  |
| SERIES                           | PSOC® 4 CY8C4000S                                                                                                                                                                                                                                                                                                                      |
| 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                   | 32-UFQFN Exposed Pad                                                                                                                                                                                                                                                                                                                   |
| OTHER NAMES                      | 428-4109<br>CY8C4025LQI-S412-ND                                                                                                                                                                                                                                                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                      |
| NUMBER OF I/O                    | 27                                                                                                                                                                                                                                                                                                                                     |
| 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 CY8C4000S Microcontroller IC 32-Bit 24MHz 32KB (32K x 8) FLASH 32-QFN (5x5)                                                                                                                                                                                                                                   |
| DATA CONVERTERS                  | A/D 1x10b                                                                                                                                                                                                                                                                                                                              |
| CORE SIZE                        | 32-Bit                                                                                                                                                                                                                                                                                                                                 |
| CORE PROCESSOR                   | ARM® Cortex®-M0+                                                                                                                                                                                                                                                                                                                       |
| CONNECTIVITY                     | I²C, IrDA, LINbus, Microwire, SmartCard, SPI, SSP, UART/USART                                                                                                                                                                                                                                                                          |

Related Tags

|                                        |                                             |                                            |
|----------------------------------------|---------------------------------------------|--------------------------------------------|
| Cypress Semiconductor CY8C4025LQI-S412 | CY8C4025LQI-S412 Distributor                | CY8C4025LQI-S412 Supplier                  |
| CY8C4025LQI-S412 Price                 | CY8C4025LQI-S412 Pictures                   | CY8C4025LQI-S412 Image                     |
| CY8C4025LQI-S412 PDF Datasheet         | CY8C4025LQI-S412 Download Datasheet         | CY8C4025LQI-S412 Datasheet                 |
| CY8C4025LQI-S412 Stock                 | Buy CY8C4025LQI-S412                        | Buy Cypress Semiconductor CY8C4025LQI-S412 |
| Cypress Semiconductor CY8C4025LQI-S412 | Cypress Semiconductor Supplier              | Cypress Semiconductor Distributor          |
| Cypress Semiconductor CY8C4025LQI-S412 | Cypress Semiconductor Corp CY8C4025LQI-S412 |                                            |

Related Products

|                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>CY8C4045LQI-S411</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 24QFN<br/>In stock: 30365 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>CY8C4025LQI-S401</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 24QFN<br/>In stock: 34752 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>CY8C4025LQI-S411T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 24QFN<br/>In stock: 59828 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>CY8C4025LQI-S402</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 32QFN<br/>In stock: 58015 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>CY8C4045AZI-S413</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 48TQFP<br/>In stock: 24198 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>CY8C4025LQI-S412T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 32QFN<br/>In stock: 51545 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>CY8C4045AZI-S413T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 48TQFP<br/>In stock: 45777 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>CY8C4045FNI-DS402T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 25WLCSP<br/>In stock: 72978 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>CY8C4045FNI-S412T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 25WLCSP<br/>In stock: 66657 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>CY8C4025LQI-S401T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 24QFN<br/>In stock: 98863 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>CY8C4025LQI-S402T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 32QFN<br/>In stock: 85174 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>CY8C4025LQI-S411</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 24QFN<br/>In stock: 29375 pcs<br/><div>RFQ</div></div>     |