



Cypress Semiconductor



CY8C4025FNI-S402T

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | CY8C4025FNI-S402T                                                                                            |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 32BIT 32KB FLASH 25WLCSP                                                                              |
|                     |  1.CY8C4025FNI-S402T.pdf    |
|                     |  2.CY8C4025FNI-S402T.pdf    |
|                     |  3.CY8C4025FNI-S402T.pdf    |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 86262 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

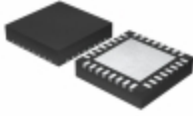
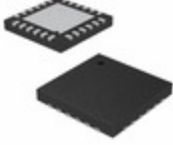
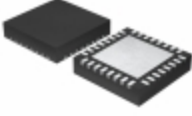
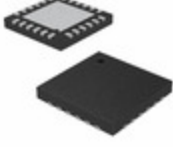
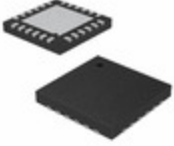
Specifications of CY8C4025FNI-S402T

|                                  |                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | CY8C4025FNI-S402T                                                                                                                                                                                                                                                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                                                                                                                                                                                                                                     |
| DESCRIPTION                      | IC MCU 32BIT 32KB FLASH 25WLCSP                                                                                                                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                |
| QUANTITY AVAILABLE               | 86262 pcs                                                                                                                                                                                                                                                                                                                                 |
| DATA SHEET                       |  1.CY8C4025FNI-S402T.pdf<br> 2.CY8C4025FNI-S402T.pdf<br> 3.CY8C4025FNI-S402T.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 25-WLCSP (2x2)                                                                                                                                                                                                                                                                                                                            |
| 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                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                          |
| PACKAGE / CASE                   | 25-XFBGA, WLCSP                                                                                                                                                                                                                                                                                                                           |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                         |
| NUMBER OF I/O                    | 21                                                                                                                                                                                                                                                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                             |
| 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 25-WLCSP (2x2)                                                                                                                                                                                                                                    |
| 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 CY8C4025FNI-S402T | CY8C4025FNI-S402T Distributor                | CY8C4025FNI-S402T Supplier                  |
| CY8C4025FNI-S402T Price                 | CY8C4025FNI-S402T Pictures                   | CY8C4025FNI-S402T Image                     |
| CY8C4025FNI-S402T PDF Datasheet         | CY8C4025FNI-S402T Download Datasheet         | CY8C4025FNI-S402T Datasheet                 |
| CY8C4025FNI-S402T Stock                 | Buy CY8C4025FNI-S402T                        | Buy Cypress Semiconductor CY8C4025FNI-S402T |
| Cypress Semiconductor CY8C4025FNI-S402T | Cypress Semiconductor Supplier               | Cypress Semiconductor Distributor           |
| Cypress Semiconductor CY8C4025FNI-S402T | Cypress Semiconductor Corp CY8C4025FNI-S402T |                                             |

Related Products

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|  <div><b>CY8C4025AZI-S413T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 48TQFP<br/>In stock: 48884 pcs</div> <div>RFQ</div> |  <div><b>CY8C4025AZI-S413</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 48TQFP<br/>In stock: 25884 pcs</div> <div>RFQ</div>   |
|  <div><b>CY8C4024LQI-S413</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 16KB FLASH 40QFN<br/>In stock: 29934 pcs</div> <div>RFQ</div>   |  <div><b>CY8C4025AZI-S403</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 48TQFP<br/>In stock: 60732 pcs</div> <div>RFQ</div>   |
|  <div><b>CY8C4025LQI-S402T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 32QFN<br/>In stock: 85174 pcs</div> <div>RFQ</div>  |  <div><b>CY8C4025FNI-S412T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 25WLCSP<br/>In stock: 74771 pcs</div> <div>RFQ</div> |
|  <div><b>CY8C4025LQI-S401</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 24QFN<br/>In stock: 34752 pcs</div> <div>RFQ</div>   |  <div><b>CY8C4025LQI-S402</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 32QFN<br/>In stock: 58015 pcs</div> <div>RFQ</div>    |
|  <div><b>CY8C4025LQI-S401T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 24QFN<br/>In stock: 98863 pcs</div> <div>RFQ</div>  |  <div><b>CY8C4025AZI-S403T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 48TQFP<br/>In stock: 69936 pcs</div> <div>RFQ</div>  |
|  <div><b>CY8C4024LQI-S413T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 16KB FLASH 40QFN<br/>In stock: 67006 pcs</div> <div>RFQ</div>  |  <div><b>CY8C4025LQI-S411</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 24QFN<br/>In stock: 29375 pcs</div> <div>RFQ</div>    |