



Cypress Semiconductor



CY8C4014PVI-422T

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | CY8C4014PVI-422T                                                                                             |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 32BIT 16KB FLASH 28SSOP                                                                               |
|                     |  1.CY8C4014PVI-422T.pdf     |
|                     |  2.CY8C4014PVI-422T.pdf     |
|                     |  3.CY8C4014PVI-422T.pdf     |
|                     |  4.CY8C4014PVI-422T.pdf     |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 66158 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

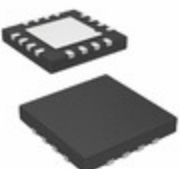
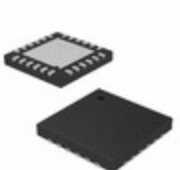
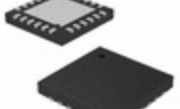
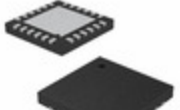
Specifications of CY8C4014PVI-422T

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | CY8C4014PVI-422T                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                                                                                                                                                                                                                                                                                                                                                |
| DESCRIPTION                      | IC MCU 32BIT 16KB FLASH 28SSOP                                                                                                                                                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                           |
| QUANTITY AVAILABLE               | 66158 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| DATA SHEET                       |  1.CY8C4014PVI-422T.pdf<br> 2.CY8C4014PVI-422T.pdf<br> 3.CY8C4014PVI-422T.pdf<br> 4.CY8C4014PVI-422T.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 28-SSOP                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| SPEED                            | 16MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| SERIES                           | PSOC® 4 CY8C4000                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RAM SIZE                         | 2K x 8                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                                |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 28-SSOP (0.209", 5.30mm Width)                                                                                                                                                                                                                                                                                                                                                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 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 CY8C4000 Microcontroller IC 32-Bit 16MHz 16KB (16K x 8) FLASH 28-SSOP                                                                                                                                                                                                                                                                                                                                                        |
| DATA CONVERTERS                  | D/A 1x7b, 1x8b                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| CORE SIZE                        | 32-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| CORE PROCESSOR                   | ARM® Cortex®-M0                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| CONNECTIVITY                     | I²C                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

Related Tags

|                                        |                                             |                                            |
|----------------------------------------|---------------------------------------------|--------------------------------------------|
| Cypress Semiconductor CY8C4014PVI-422T | CY8C4014PVI-422T Distributor                | CY8C4014PVI-422T Supplier                  |
| CY8C4014PVI-422T Price                 | CY8C4014PVI-422T Pictures                   | CY8C4014PVI-422T Image                     |
| CY8C4014PVI-422T PDF Datasheet         | CY8C4014PVI-422T Download Datasheet         | CY8C4014PVI-422T Datasheet                 |
| CY8C4014PVI-422T Stock                 | Buy CY8C4014PVI-422T                        | Buy Cypress Semiconductor CY8C4014PVI-422T |
| Cypress Semiconductor CY8C4014PVI-422T | Cypress Semiconductor Supplier              | Cypress Semiconductor Distributor          |
| Cypress Semiconductor CY8C4014PVI-422T | Cypress Semiconductor Corp CY8C4014PVI-422T |                                            |

Related Products

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|  <div><b>CY8C4014SXI-411</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 16KB FLASH 16SOIC<br/>In stock: 52666 pcs<br/>RFQ</div>  |  <div><b>CY8C4014SXI-411T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 16KB FLASH 16SOIC<br/>In stock: 133828 pcs<br/>RFQ</div> |
|  <div><b>CY8C4014PVI-412</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 16KB FLASH 28SSOP<br/>In stock: 41010 pcs<br/>RFQ</div>  |  <div><b>CY8C4014LQI-SLT1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 16KB FLASH 16QFN<br/>In stock: 32510 pcs<br/>RFQ</div>   |
|  <div><b>CY8C4014SXA-421T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 16KB FLASH 16SOIC<br/>In stock: 62968 pcs<br/>RFQ</div> |  <div><b>CY8C4014LQS-422T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 16KB FLASH 24QFN<br/>In stock: 49489 pcs<br/>RFQ</div>   |
|  <div><b>CY8C4014SXI-420</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 16KB FLASH 8SOIC<br/>In stock: 48810 pcs<br/>RFQ</div>   |  <div><b>CY8C4014PVI-422</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 16KB FLASH 28SSOP<br/>In stock: 38874 pcs<br/>RFQ</div>   |
|  <div><b>CY8C4014LQI-SLT2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 16KB FLASH 24QFN<br/>In stock: 24410 pcs<br/>RFQ</div>  |  <div><b>CY8C4014SXI-420T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 16KB FLASH 8SOIC<br/>In stock: 93785 pcs<br/>RFQ</div>   |
|  <div><b>CY8C4014LQS-422</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 16KB FLASH 24QFN<br/>In stock: 19447 pcs<br/>RFQ</div>   |  <div><b>CY8C4014SXA-421</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 16KB FLASH 16SOIC<br/>In stock: 40910 pcs<br/>RFQ</div>   |