

CYPRESS  
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Cypress Semiconductor



Image may be representation. See specifications for product details.

### CY8C4014SXA-421

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | CY8C4014SXA-421                                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                                 |
| Product description | IC MCU 32BIT 16KB FLASH 16SOIC                                                                                        |
| Datasheets:         |  <a href="#">CY8C4014SXA-421.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant          |
| Stock Condition     | 40910 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                 |

REQUEST FOR QUOTATION

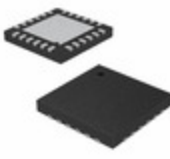
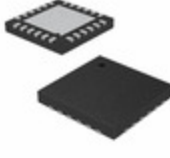
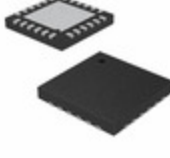
#### Specifications of CY8C4014SXA-421

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | CY8C4014SXA-421                                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                   |
| DESCRIPTION                      | IC MCU 32BIT 16KB FLASH 16SOIC                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| QUANTITY AVAILABLE               | 40910 pcs                                                                                                               |
| DATA SHEET                       |  <a href="#">CY8C4014SXA-421.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 5.5 V                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 16-SOIC                                                                                                                 |
| SPEED                            | 16MHz                                                                                                                   |
| SERIES                           | Automotive, AEC-Q100, 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                        | Tube                                                                                                                    |
| PACKAGE / CASE                   | 16-SOIC (0.154", 3.90mm Width)                                                                                          |
| OSCILLATOR TYPE                  | Internal                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                       |
| NUMBER OF I/O                    | 13                                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| EEPROM SIZE                      | -                                                                                                                       |
| DETAILED DESCRIPTION             | ARM® Cortex®-M0 Automotive, AEC-Q100, PSOC® 4 CY8C4000 Microcontroller IC 32-Bit 16MHz 16KB (16K x 8) FLASH 16-SOIC     |
| DATA CONVERTERS                  | D/A 1x7b, 1x8b                                                                                                          |
| CORE SIZE                        | 32-Bit                                                                                                                  |
| CORE PROCESSOR                   | ARM® Cortex®-M0                                                                                                         |
| CONNECTIVITY                     | I²C                                                                                                                     |

#### Related Tags

|                                       |                                            |                                           |
|---------------------------------------|--------------------------------------------|-------------------------------------------|
| Cypress Semiconductor CY8C4014SXA-421 | CY8C4014SXA-421 Distributor                | CY8C4014SXA-421 Supplier                  |
| CY8C4014SXA-421 Price                 | CY8C4014SXA-421 Pictures                   | CY8C4014SXA-421 Image                     |
| CY8C4014SXA-421 PDF Datasheet         | CY8C4014SXA-421 Download Datasheet         | CY8C4014SXA-421 Datasheet                 |
| CY8C4014SXA-421 Stock                 | Buy CY8C4014SXA-421                        | Buy Cypress Semiconductor CY8C4014SXA-421 |
| Cypress Semiconductor CY8C4014SXA-421 | Cypress Semiconductor Supplier             | Cypress Semiconductor Distributor         |
| Cypress Semiconductor CY8C4014SXA-421 | Cypress Semiconductor Corp CY8C4014SXA-421 |                                           |

#### Related Products

|                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <b>CY8C4014SXA-421T</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC MCU 32BIT 16KB FLASH 16SOIC<br>In stock: 62968 pcs<br><b>RFQ</b>  |  <b>CY8C4014LQS-422T</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC MCU 32BIT 16KB FLASH 24QFN<br>In stock: 49489 pcs<br><b>RFQ</b> |
|  <b>CY8C4014LQS-422</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC MCU 32BIT 16KB FLASH 24QFN<br>In stock: 19447 pcs<br><b>RFQ</b>    |  <b>CY8C4014SXI-420T</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC MCU 32BIT 16KB FLASH 8SOIC<br>In stock: 93785 pcs<br><b>RFQ</b> |
|  <b>CY8C4014SXI-421</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC MCU 32BIT 16KB FLASH 16SOIC<br>In stock: 43486 pcs<br><b>RFQ</b>   |  <b>CY8C4014PVI-412</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC MCU 32BIT 16KB FLASH 28SSOP<br>In stock: 41010 pcs<br><b>RFQ</b> |
|  <b>CY8C4014SXI-411T</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC MCU 32BIT 16KB FLASH 16SOIC<br>In stock: 133828 pcs<br><b>RFQ</b> |  <b>CY8C4014SXI-411</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC MCU 32BIT 16KB FLASH 16SOIC<br>In stock: 52666 pcs<br><b>RFQ</b> |
|  <b>CY8C4014PVI-422T</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC MCU 32BIT 16KB FLASH 28SSOP<br>In stock: 66158 pcs<br><b>RFQ</b>  |  <b>CY8C4014PVI-422</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC MCU 32BIT 16KB FLASH 28SSOP<br>In stock: 38874 pcs<br><b>RFQ</b> |
|  <b>CY8C4014LQI-SLT2</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC MCU 32BIT 16KB FLASH 24QFN<br>In stock: 24410 pcs<br><b>RFQ</b>   |  <b>CY8C4014SXI-420</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC MCU 32BIT 16KB FLASH 8SOIC<br>In stock: 48810 pcs<br><b>RFQ</b>  |