




Cypress Semiconductor

CY8C4045LQI-S411T

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| Part Number: | CY8C4045LQI-S411T |
| Manufacturer/Brand: | Cypress Semiconductor |
| Product description: | IC MCU 32BIT 32KB FLASH 24QFN |
| Datasheets: | 1.CY8C4045LQI-S411T.pdf 2.CY8C4045LQI-S411T.pdf 3.CY8C4045LQI-S411T.pdf |
| RoHs Status: |  Lead free / RoHS Compliant |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS/EMS |

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Image may be representation. See specifications for product details.

Specifications of CY8C4045LQI-S411T

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|----------------------------------|---|
| PART NUMBER | CY8C4045LQI-S411T |
| MANUFACTURER | Cypress Semiconductor |
| DESCRIPTION | IC MCU 32BIT 32KB FLASH 24QFN |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DATA SHEET | 1.CY8C4045LQI-S411T.pdf 2.CY8C4045LQI-S411T.pdf 3.CY8C4045LQI-S411T.pdf |
| VOLTAGE - SUPPLY (VCC/VDD) | 1.71 V ~ 5.5 V |
| SUPPLIER DEVICE PACKAGE | 24-QFN (4x4) |
| SPEED | 48MHz |
| 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 | 24-UFQFN Exposed Pad |
| OSCILLATOR TYPE | Internal |
| OPERATING TEMPERATURE | -40°C ~ 85°C (TA) |
| NUMBER OF I/O | 19 |
| 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 CY8C4000S Microcontroller IC 32-Bit 48MHz 32KB (32K x 8) FLASH 24-QFN (4x4) |
| DATA CONVERTERS | A/D 1x10b |
| CORE SIZE | 32-Bit |
| CORE PROCESSOR | ARM® Cortex®-M0+ |
| CONNECTIVITY | I ² C, IrDA, LINbus, Microwire, SmartCard, SPI, SSP, UART/USART |

Related Tags

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Related Products

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|  <p>CY8C4045LQI-S411 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 32KB FLASH 24QFN In stock: 466 pcs RFQ</p> |  <p>CY8C4045PVI-DS402 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 32KB FLASH 28SSOP In stock: 231 pcs RFQ</p> |
|  <p>CY8C4025LQI-S412T Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 32KB FLASH 32QFN In stock: Out stock RFQ</p> |  <p>CY8C4124AZI-443 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 16KB FLASH 48TQFP In stock: 16 pcs RFQ</p> |
|  <p>CY8C4045LQI-S412 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 32KB FLASH 32QFN In stock: 629 pcs RFQ</p> |  <p>CY8C4124AXI-443T Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 16KB FLASH 44TQFP In stock: Out stock RFQ</p> |
|  <p>CY8C4124AXI-443 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 16KB FLASH 44TQFP In stock: Out stock RFQ</p> |  <p>CY8C4045FNI-DS402T Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 32KB FLASH 25WLCSP In stock: Out stock RFQ</p> |
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