

Cypress Semiconductor



CY8C4126AXI-M445

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | CY8C4126AXI-M445                                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                                  |
| Product description | IC MCU 32BIT 64KB FLASH 64TQFP                                                                                         |
| Datasheets:         |  <a href="#">CY8C4126AXI-M445.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant           |
| Stock Condition     | 28361 pcs stock                                                                                                        |
| Ship From           | Hong Kong                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                  |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

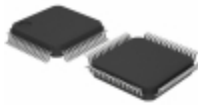
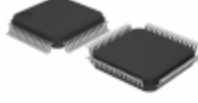
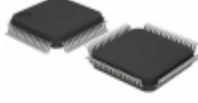
Specifications of CY8C4126AXI-M445

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | CY8C4126AXI-M445                                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                    |
| DESCRIPTION                      | IC MCU 32BIT 64KB FLASH 64TQFP                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| QUANTITY AVAILABLE               | 28361 pcs                                                                                                                |
| DATA SHEET                       |  <a href="#">CY8C4126AXI-M445.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 5.5 V                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 64-TQFP (14x14)                                                                                                          |
| SPEED                            | 24MHz                                                                                                                    |
| SERIES                           | PSOC® 4 CY8C41xx - M                                                                                                     |
| RAM SIZE                         | 8K x 8                                                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                    |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                                                           |
| PERIPHERALS                      | Brown-out Detect/Reset, CapSense, LCD, LVD, POR, PWM, WDT                                                                |
| PACKAGING                        | Tray                                                                                                                     |
| PACKAGE / CASE                   | 64-LQFP                                                                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                        |
| NUMBER OF I/O                    | 51                                                                                                                       |
| 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 CY8C41xx - M Microcontroller IC 32-Bit 24MHz 64KB (64K x 8) FLASH 64-TQFP (14x14)                |
| DATA CONVERTERS                  | A/D 8x12b                                                                                                                |
| CORE SIZE                        | 32-Bit                                                                                                                   |
| CORE PROCESSOR                   | ARM® Cortex®-M0                                                                                                          |
| CONNECTIVITY                     | I²C, IrDA, LINbus, Microwire, SmartCard, SPI, SSP, UART/USART                                                            |

Related Tags

|                                        |                                             |                                            |
|----------------------------------------|---------------------------------------------|--------------------------------------------|
| Cypress Semiconductor CY8C4126AXI-M445 | CY8C4126AXI-M445 Distributor                | CY8C4126AXI-M445 Supplier                  |
| CY8C4126AXI-M445 Price                 | CY8C4126AXI-M445 Pictures                   | CY8C4126AXI-M445 Image                     |
| CY8C4126AXI-M445 PDF Datasheet         | CY8C4126AXI-M445 Download Datasheet         | CY8C4126AXI-M445 Datasheet                 |
| CY8C4126AXI-M445 Stock                 | Buy CY8C4126AXI-M445                        | Buy Cypress Semiconductor CY8C4126AXI-M445 |
| Cypress Semiconductor CY8C4126AXI-M445 | Cypress Semiconductor Supplier              | Cypress Semiconductor Distributor          |
| Cypress Semiconductor CY8C4126AXI-M445 | Cypress Semiconductor Corp CY8C4126AXI-M445 |                                            |

Related Products

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                            |
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|  <div><b>CY8C4125PVI-482T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 28SSOP<br/>In stock: 32649 pcs<br/><div>RFQ</div></div> |  <div><b>CY8C4126AZI-M475</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 64KB FLASH 64TQFP<br/>In stock: 23276 pcs<br/><div>RFQ</div></div> |
|  <div><b>CY8C4126AZI-M445</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 64KB FLASH 64TQFP<br/>In stock: 16501 pcs<br/><div>RFQ</div></div> |  <div><b>CY8C4126AXI-S445</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 64KB FLASH 64TQFP<br/>In stock: 22199 pcs<br/><div>RFQ</div></div> |
|  <div><b>CY8C4125PVS-482</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 28SSOP<br/>In stock: 13057 pcs<br/><div>RFQ</div></div>  |  <div><b>CY8C4126AZI-M443</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 64KB FLASH 48TQFP<br/>In stock: 20708 pcs<br/><div>RFQ</div></div> |
|  <div><b>CY8C4125PVA-482Z</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: CY8C4125PVA-482Z<br/>In stock: 17872 pcs<br/><div>RFQ</div></div>               |  <div><b>CY8C4125PVS-482Z</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: PSOC4<br/>In stock: 17065 pcs<br/><div>RFQ</div></div>                          |
|  <div><b>CY8C4126AXI-S433</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 64KB FLASH 44TQFP<br/>In stock: 26606 pcs<br/><div>RFQ</div></div> |  <div><b>CY8C4125PVI-482</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 32KB FLASH 28SSOP<br/>In stock: 33491 pcs<br/><div>RFQ</div></div>  |
|  <div><b>CY8C4125PVS-482ZT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: PSOC4<br/>In stock: 21454 pcs<br/><div>RFQ</div></div>                         |  <div><b>CY8C4126AXI-S423</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 64KB FLASH 44TQFP<br/>In stock: 39537 pcs<br/><div>RFQ</div></div> |