



Cypress Semiconductor



Image may be representation. See specifications for product details.

CY8C3865AXA-019

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | CY8C3865AXA-019                                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                                 |
| Product description | IC MCU 8BIT 32KB FLASH 100TQFP                                                                                        |
| Datasheets:         |  <a href="#">CY8C3865AXA-019.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant          |
| Stock Condition     | 3410 pcs stock                                                                                                        |
| Ship From           | Hong Kong                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                 |

REQUEST FOR QUOTATION

Specifications of CY8C3865AXA-019

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | CY8C3865AXA-019                                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                   |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 100TQFP                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| QUANTITY AVAILABLE               | 3410 pcs                                                                                                                |
| DATA SHEET                       |  <a href="#">CY8C3865AXA-019.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 5.5 V                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 100-TQFP (14x14)                                                                                                        |
| SPEED                            | 67MHz                                                                                                                   |
| SERIES                           | PSOC® 3 CY8C38xx                                                                                                        |
| RAM SIZE                         | 4K x 8                                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                   |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                                          |
| PERIPHERALS                      | CapSense, DMA, LCD, POR, PWM, WDT                                                                                       |
| PACKAGING                        | Tray                                                                                                                    |
| PACKAGE / CASE                   | 100-LQFP                                                                                                                |
| OSCILLATOR TYPE                  | Internal                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                       |
| NUMBER OF I/O                    | 62                                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| EEPROM SIZE                      | 1K x 8                                                                                                                  |
| DETAILED DESCRIPTION             | 8051 PSOC® 3 CY8C38xx Microcontroller IC 8-Bit 67MHz 32KB (32K x 8) FLASH 100-TQFP (14x14)                              |
| DATA CONVERTERS                  | A/D 16x20b, D/A 4x8b                                                                                                    |
| CORE SIZE                        | 8-Bit                                                                                                                   |
| CORE PROCESSOR                   | 8051                                                                                                                    |
| CONNECTIVITY                     | EBI/EMI, I²C, LINbus, SPI, UART/USART, USB                                                                              |
| BASE PART NUMBER                 | CY8C3865                                                                                                                |

Related Tags

|                                       |                                            |                                           |
|---------------------------------------|--------------------------------------------|-------------------------------------------|
| Cypress Semiconductor CY8C3865AXA-019 | CY8C3865AXA-019 Distributor                | CY8C3865AXA-019 Supplier                  |
| CY8C3865AXA-019 Price                 | CY8C3865AXA-019 Pictures                   | CY8C3865AXA-019 Image                     |
| CY8C3865AXA-019 PDF Datasheet         | CY8C3865AXA-019 Download Datasheet         | CY8C3865AXA-019 Datasheet                 |
| CY8C3865AXA-019 Stock                 | Buy CY8C3865AXA-019                        | Buy Cypress Semiconductor CY8C3865AXA-019 |
| Cypress Semiconductor CY8C3865AXA-019 | Cypress Semiconductor Supplier             | Cypress Semiconductor Distributor         |
| Cypress Semiconductor CY8C3865AXA-019 | Cypress Semiconductor Corp CY8C3865AXA-019 |                                           |

Related Products

|                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>CY8C3865AXI-018</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: 2934 pcs</div><div>RFQ</div></div>   | <div><div><b>CY8C3846PVE-174</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 64KB FLASH 48SSOP<br/>In stock: 4737 pcs</div><div>RFQ</div></div>  |
| <div><div><b>CY8C3865AXI-056</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: 3486 pcs</div><div>RFQ</div></div>   | <div><div><b>CY8C3846AXE-175</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 64KB FLASH 100TQFP<br/>In stock: 5141 pcs</div><div>RFQ</div></div> |
| <div><div><b>CY8C3865AXI-015</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: 2748 pcs</div><div>RFQ</div></div>   | <div><div><b>CY8C3845PVE-173</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: 4737 pcs</div><div>RFQ</div></div> |
| <div><div><b>CY8C3865AXI-019T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: 10040 pcs</div><div>RFQ</div></div> | <div><div><b>CY8C3865AXI-019</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: 7670 pcs</div><div>RFQ</div></div> |
| <div><div><b>CY8C3865AXA-018</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: 2712 pcs</div><div>RFQ</div></div>   | <div><div><b>CY8C3865AXA-056</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: 5286 pcs</div><div>RFQ</div></div> |
| <div><div><b>CY8C3846AXE-176</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 64KB FLASH 100TQFP<br/>In stock: 5145 pcs</div><div>RFQ</div></div>   | <div><div><b>CY8C3865AXA-015</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: 5335 pcs</div><div>RFQ</div></div> |