

CYPRESS  
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Cypress Semiconductor



Image may be representation. See specifications for product details.

### CY8C3445AXI-107

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | CY8C3445AXI-107                                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                                 |
| Product description | IC MCU 8BIT 32KB FLASH 100TQFP                                                                                        |
| Datasheets:         |  <a href="#">CY8C3445AXI-107.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant          |
| Stock Condition     | 3248 pcs stock                                                                                                        |
| Ship From           | Hong Kong                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                 |

REQUEST FOR QUOTATION

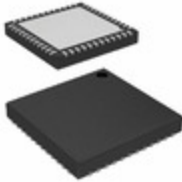
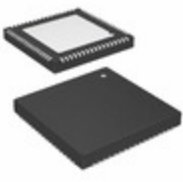
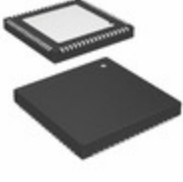
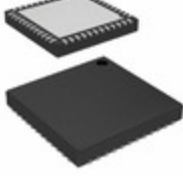
#### Specifications of CY8C3445AXI-107

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | CY8C3445AXI-107                                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                   |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 100TQFP                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| QUANTITY AVAILABLE               | 3248 pcs                                                                                                                |
| DATA SHEET                       |  <a href="#">CY8C3445AXI-107.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 5.5 V                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 100-TQFP (14x14)                                                                                                        |
| SPEED                            | 50MHz                                                                                                                   |
| SERIES                           | PSOC® 3 CY8C34xx                                                                                                        |
| RAM SIZE                         | 4K x 8                                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                   |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                                          |
| PERIPHERALS                      | CapSense, DMA, 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 CY8C34xx Microcontroller IC 8-Bit 50MHz 32KB (32K x 8) FLASH 100-TQFP (14x14)                              |
| DATA CONVERTERS                  | A/D 16x12b, D/A 2x8b                                                                                                    |
| CORE SIZE                        | 8-Bit                                                                                                                   |
| CORE PROCESSOR                   | 8051                                                                                                                    |
| CONNECTIVITY                     | EBI/EMI, I²C, LINbus, SPI, UART/USART, USB                                                                              |
| BASE PART NUMBER                 | CY8C3445                                                                                                                |

#### Related Tags

|                                       |                                            |                                           |
|---------------------------------------|--------------------------------------------|-------------------------------------------|
| Cypress Semiconductor CY8C3445AXI-107 | CY8C3445AXI-107 Distributor                | CY8C3445AXI-107 Supplier                  |
| CY8C3445AXI-107 Price                 | CY8C3445AXI-107 Pictures                   | CY8C3445AXI-107 Image                     |
| CY8C3445AXI-107 PDF Datasheet         | CY8C3445AXI-107 Download Datasheet         | CY8C3445AXI-107 Datasheet                 |
| CY8C3445AXI-107 Stock                 | Buy CY8C3445AXI-107                        | Buy Cypress Semiconductor CY8C3445AXI-107 |
| Cypress Semiconductor CY8C3445AXI-107 | Cypress Semiconductor Supplier             | Cypress Semiconductor Distributor         |
| Cypress Semiconductor CY8C3445AXI-107 | Cypress Semiconductor Corp CY8C3445AXI-107 |                                           |

#### Related Products

|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                       |
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|  <div><b>CY8C3445LTI-078T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 48QFN<br/>In stock: 25829 pcs<br/><b>RFQ</b></div>   |  <div><b>CY8C3445LTI-079T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 68QFN<br/>In stock: 19555 pcs<br/><b>RFQ</b></div>  |
|  <div><b>CY8C3445AXE-181</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: 7049 pcs<br/><b>RFQ</b></div>   |  <div><b>CY8C3445AXE-107</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: 2787 pcs<br/><b>RFQ</b></div>  |
|  <div><b>CY8C3445AXE-104</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: 8336 pcs<br/><b>RFQ</b></div>   |  <div><b>CY8C3445AXI-104</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: 11626 pcs<br/><b>RFQ</b></div> |
|  <div><b>CY8C3445AXI-108T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: 17985 pcs<br/><b>RFQ</b></div> |  <div><b>CY8C3445AXI-097</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: 5370 pcs<br/><b>RFQ</b></div>  |
|  <div><b>CY8C3445AXI-104T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: 17982 pcs<br/><b>RFQ</b></div> |  <div><b>CY8C3445LTI-079</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 68QFN<br/>In stock: 12632 pcs<br/><b>RFQ</b></div>   |
|  <div><b>CY8C3445AXI-108</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 100TQFP<br/>In stock: 9581 pcs<br/><b>RFQ</b></div>   |  <div><b>CY8C3445LTI-078</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 48QFN<br/>In stock: 11551 pcs<br/><b>RFQ</b></div>   |