

CY8C5248AXI-047



Part Number: [CY8C5248AXI-047](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 256KB FLASH 100TQFP

Data sheet:  [CY8C52](#)

RoHs Status: Lead free / RoHS Compliant

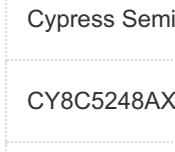
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy CY8C5248AXI-047 with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                        |                                  |                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|----------------------------------|---------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CY8C5248AXI-047                                                                                        | Manufacturer                     | <a href="#">Cypress Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC MCU 32BIT 256KB FLASH 100TQFP                                                                       | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4548 pcs                                                                                               | Data sheet                       | <a href="#">CY8C52</a>                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>                                                              | Voltage - Supply (Vcc/Vdd)       | 2.7 V ~ 5.5 V                         |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                | 100-TQFP (14x14)                                                                                       | Speed                            | 40MHz                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | PSOC® 5 CY8C52                                                                                         | RAM Size                         | 64K x 8                               |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                    | FLASH                                                                                                  | Program Memory Size              | 256KB (256K x 8)                      |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CapSense, DMA, LCD, POR, PWM, WDT                                                                      | Packaging                        | Tray                                  |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 100-LQFP                                                                                               | Other Names                      | 428-3128<br>CY8C5248AXI047            |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Internal                                                                                               | Operating Temperature            | -40°C ~ 85°C (TA)                     |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 60                                                                                                     | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                         |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                         | Lead free / RoHS Compliant                                                                             | EEPROM Size                      | 2K x 8                                |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ARM® Cortex®-M3 PSOC® 5 CY8C52 Microcontroller IC 32-Bit 40MHz 256KB (256K x 8) FLASH 100-TQFP (14x14) | Data Converters                  | A/D 1x12b, D/A 1x8b                   |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 32-Bit                                                                                                 | Core Processor                   | ARM® Cortex®-M3                       |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                           | I²C, LINbus, SPI, UART/USART, USB                                                                      | Base Part Number                 | CY8C5248                              |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Cypress Semiconductor series electronic components. We have 4548 pieces of Cypress Semiconductor CY8C5248AXI-047 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                                        |                                  |                                       |

| RELATED PRODUCTS                                                                   |                                                                                            |                                                      |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------|----------------|
|  | Part#: <a href="#">CY8C5248LTi-030</a><br>Description: IC MCU 32BIT 256KB FLASH 68QFN      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C5267AXI-LP051</a><br>Description: IC MCU 32BIT 128KB FLASH 100TQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C5268AXI-LP047</a><br>Description: IC MCU 32BIT 256KB FLASH 100TQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C4248LTi-L485</a><br>Description: IC MCU 32BIT 256KB FLASH 68QFN     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C5266FNI-LP205T</a><br>Description: PSOC5LP                          | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C5246LTi-029</a><br>Description: IC MCU 32BIT 64KB FLASH 68QFN       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C4248LTi-L475</a><br>Description: IC MCU 32BIT 256KB FLASH 68QFN     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C5267LTi-LP089</a><br>Description: IC MCU 32BIT 128KB FLASH 68QFN    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C5247AXI-051</a><br>Description: IC MCU 32BIT 128KB FLASH 100TQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C5246LTi-029T</a><br>Description: IC MCU 32BIT 64KB FLASH 68QFN      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C5246AXI-054T</a><br>Description: IC MCU 32BIT 64KB FLASH 100TQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C5248LTi-030T</a><br>Description: IC MCU 32BIT 256KB FLASH 68QFN     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C5268LTi-LP030</a><br>Description: IC MCU 32BIT 256KB FLASH 68QFN    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C5247AXI-051T</a><br>Description: IC MCU 32BIT 128KB FLASH 100TQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C4248LQQ-BL583T</a><br>Description: CY8C4248LQQ-BL583                | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C5248AXI-047T</a><br>Description: IC MCU 32BIT 256KB FLASH 100TQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C5288FNI-LP213T</a><br>Description: IC MCU 32BIT 256KB FLASH 99WLCSP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C5247LTi-089</a><br>Description: IC MCU 32BIT 128KB FLASH 68QFN      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C5247LTi-089T</a><br>Description: IC MCU 32BIT 128KB FLASH 68QFN     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C5287AXI-LP095</a><br>Description: IC MCU 32BIT 256KB FLASH 100TQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |

Related keywords for CY8C5248AXI-047

|                                       |                                            |                          |                       |
|---------------------------------------|--------------------------------------------|--------------------------|-----------------------|
| Cypress Semiconductor CY8C5248AXI-047 | CY8C5248AXI-047 distributor                | CY8C5248AXI-047 supplier | CY8C5248AXI-047 price |
| CY8C5248AXI-047 download datasheet    | CY8C5248AXI-047 datasheet                  | CY8C5248AXI-047 stock    | buy CY8C5248AXI-047   |
| Cypress Semiconductor CY8C5248AXI-047 | Cypress Semiconductor Corp CY8C5248AXI-047 |                          |                       |