



CY8C5247LTI-089

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | CY8C5247LTI-089                                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                                 |
| Product description | IC MCU 32BIT 128KB FLASH 68QFN                                                                                        |
| Datasheets:         |  <a href="#">CY8C5247LTI-089.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant          |
| Stock Condition     | 3004 pcs stock                                                                                                        |
| Ship From           | Hong Kong                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                 |

REQUEST FOR QUOTATION

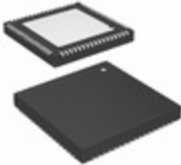
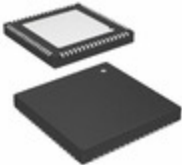
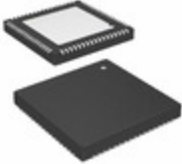
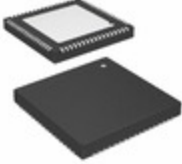
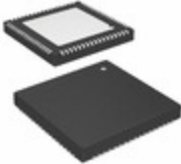
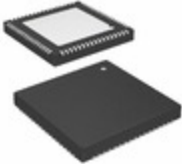
Specifications of CY8C5247LTI-089

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | CY8C5247LTI-089                                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                   |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 68QFN                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| QUANTITY AVAILABLE               | 3004 pcs                                                                                                                |
| DATA SHEET                       |  <a href="#">CY8C5247LTI-089.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 68-QFN (8x8)                                                                                                            |
| SPEED                            | 40MHz                                                                                                                   |
| SERIES                           | PSOC® 5 CY8C52                                                                                                          |
| RAM SIZE                         | 32K x 8                                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                   |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                                        |
| PERIPHERALS                      | CapSense, DMA, LCD, POR, PWM, WDT                                                                                       |
| PACKAGING                        | Tray                                                                                                                    |
| PACKAGE / CASE                   | 68-VFQFN Exposed Pad                                                                                                    |
| OTHER NAMES                      | 428-3132<br>CY8C5247LTI089                                                                                              |
| OSCILLATOR TYPE                  | Internal                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                       |
| NUMBER OF I/O                    | 36                                                                                                                      |
| 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 128KB (128K x 8) FLASH 68-QFN (8x8)                      |
| 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                 | CY8C5247                                                                                                                |

Related Tags

|                                       |                                            |                                           |
|---------------------------------------|--------------------------------------------|-------------------------------------------|
| Cypress Semiconductor CY8C5247LTI-089 | CY8C5247LTI-089 Distributor                | CY8C5247LTI-089 Supplier                  |
| CY8C5247LTI-089 Price                 | CY8C5247LTI-089 Pictures                   | CY8C5247LTI-089 Image                     |
| CY8C5247LTI-089 PDF Datasheet         | CY8C5247LTI-089 Download Datasheet         | CY8C5247LTI-089 Datasheet                 |
| CY8C5247LTI-089 Stock                 | Buy CY8C5247LTI-089                        | Buy Cypress Semiconductor CY8C5247LTI-089 |
| Cypress Semiconductor CY8C5247LTI-089 | Cypress Semiconductor Supplier             | Cypress Semiconductor Distributor         |
| Cypress Semiconductor CY8C5247LTI-089 | Cypress Semiconductor Corp CY8C5247LTI-089 |                                           |

Related Products

|                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>CY8C5246LTI-029</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 64KB FLASH 68QFN<br/>In stock: 3266 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>CY8C5247AXI-051T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 128KB FLASH 100TQFP<br/>In stock: 10214 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>CY8C5266FNI-LP205T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: PSOC5LP<br/>In stock: 17211 pcs<br/><div>RFQ</div></div>                       | <div></div> <div><b>CY8C5247AXI-051</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 128KB FLASH 100TQFP<br/>In stock: 5775 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>CY8C5246AXI-054T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 64KB FLASH 100TQFP<br/>In stock: 10247 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>CY8C4248LTI-L485</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 68QFN<br/>In stock: 9206 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>CY8C5248AXI-047T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 100TQFP<br/>In stock: 6988 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>CY8C5248LTI-030</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 68QFN<br/>In stock: 3013 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>CY8C5248AXI-047</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 100TQFP<br/>In stock: 4326 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>CY8C5247LTI-089T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 128KB FLASH 68QFN<br/>In stock: 9749 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>CY8C5248LTI-030T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 68QFN<br/>In stock: 10038 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>CY8C5246LTI-029T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 64KB FLASH 68QFN<br/>In stock: 10265 pcs<br/><div>RFQ</div></div>    |