



Cypress Semiconductor



Image may be representation. See specifications for product details.

CY8C4147AZI-S475

|                     |                                                                                                        |
|---------------------|--------------------------------------------------------------------------------------------------------|
| Part Number:        | CY8C4147AZI-S475                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                  |
| Product description | IC MCU 32BIT 128KB FLASH 64TQFP                                                                        |
| Datasheets:         |  CY8C4147AZI-S475.pdf |
| Ship From           | Hong Kong                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                  |

REQUEST FOR QUOTATION

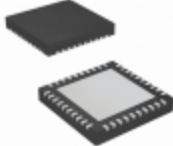
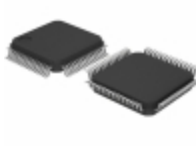
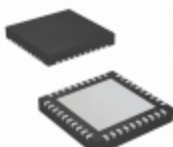
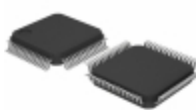
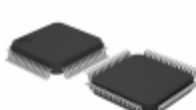
Specifications of CY8C4147AZI-S475

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | CY8C4147AZI-S475                                                                                          |
| MANUFACTURER                     | Cypress Semiconductor                                                                                     |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 64TQFP                                                                           |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                                           |
| DATA SHEET                       |  CY8C4147AZI-S475.pdf  |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 5.5 V                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 64-TQFP (10x10)                                                                                           |
| SPEED                            | 48MHz                                                                                                     |
| SERIES                           | PSOC® 4 CY8C4100S                                                                                         |
| RAM SIZE                         | 16K x 8                                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                     |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                          |
| PERIPHERALS                      | Brown-out Detect/Reset, CapSense, LCD, POR, PWM, WDT                                                      |
| PACKAGING                        | Tray                                                                                                      |
| PACKAGE / CASE                   | 64-LQFP                                                                                                   |
| OTHER NAMES                      | 428-4385                                                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                         |
| NUMBER OF I/O                    | 54                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                             |
| MANUFACTURER STANDARD LEAD TIME  | 15 Weeks                                                                                                  |
| EEPROM SIZE                      | -                                                                                                         |
| DETAILED DESCRIPTION             | ARM® Cortex®-M0+ PSOC® 4 CY8C4100S Microcontroller IC 32-Bit 48MHz 128KB (128K x 8) FLASH 64-TQFP (10x10) |
| DATA CONVERTERS                  | A/D 1x10b, 1x12b SAR                                                                                      |
| CORE SIZE                        | 32-Bit                                                                                                    |
| CORE PROCESSOR                   | ARM® Cortex®-M0+                                                                                          |
| CONNECTIVITY                     | CANbus, I²C, IrDA, LINbus, Microwire, SmartCard, SPI, SSP, UART/USART                                     |

Related Tags

|                                        |                                             |                                            |
|----------------------------------------|---------------------------------------------|--------------------------------------------|
| Cypress Semiconductor CY8C4147AZI-S475 | CY8C4147AZI-S475 Distributor                | CY8C4147AZI-S475 Supplier                  |
| CY8C4147AZI-S475 Price                 | CY8C4147AZI-S475 Pictures                   | CY8C4147AZI-S475 Image                     |
| CY8C4147AZI-S475 PDF Datasheet         | CY8C4147AZI-S475 Download Datasheet         | CY8C4147AZI-S475 Datasheet                 |
| CY8C4147AZI-S475 Stock                 | Buy CY8C4147AZI-S475                        | Buy Cypress Semiconductor CY8C4147AZI-S475 |
| Cypress Semiconductor CY8C4147AZI-S475 | Cypress Semiconductor Supplier              | Cypress Semiconductor Distributor          |
| Cypress Semiconductor CY8C4147AZI-S475 | Cypress Semiconductor Corp CY8C4147AZI-S475 |                                            |

Related Products

|                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                 |
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|  <div><b>CY8C4147AXI-S475</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 128KB FLASH 64TQFP<br/>In stock: 180 pcs<br/>RFQ</div>   |  <div><b>CY8C4147AZI-S465</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 128KB FLASH 64TQFP<br/>In stock: 156 pcs<br/>RFQ</div>  |
|  <div><b>CY8C4244LQQ-443</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 16KB FLASH 40QFN<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>CY8C4147AXI-S465</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 128KB FLASH 64TQFP<br/>In stock: 180 pcs<br/>RFQ</div>  |
|  <div><b>CY8C4244LQI-443</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 16KB FLASH 40QFN<br/>In stock: 79 pcs<br/>RFQ</div>       |  <div><b>CY8C4244PVA-442T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 16KB FLASH 28SSOP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>CY8C4147AZI-S455</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 128KB FLASH 64TQFP<br/>In stock: 135 pcs<br/>RFQ</div>   |  <div><b>CY8C4244AZI-443</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 16KB FLASH 48TQFP<br/>In stock: 191 pcs<br/>RFQ</div>    |
|  <div><b>CY8C4244FNI-443T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 16KB FLASH 35WLCSP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>CY8C4147AZI-S445</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 128KB FLASH 64TQFP<br/>In stock: 313 pcs<br/>RFQ</div>  |
|  <div><b>CY8C4244PVA-442</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 16KB FLASH 28SSOP<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>CY8C4147AXI-S455</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 128KB FLASH 64TQFP<br/>In stock: 180 pcs<br/>RFQ</div>  |