



Cypress Semiconductor



CY8C5888AXQ-LP096

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | CY8C5888AXQ-LP096                                                                                            |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 32BIT 256KB FLASH 100TQFP                                                                             |
| Datasheets:         |  CY8C5888AXQ-LP096.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4223 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

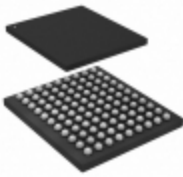
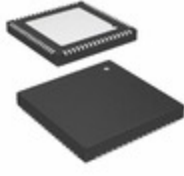
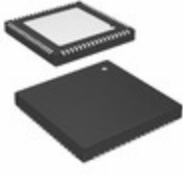
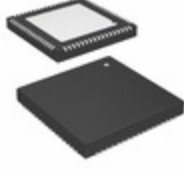
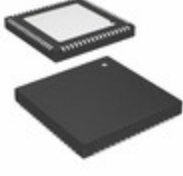
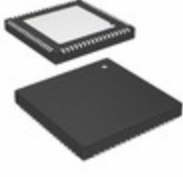
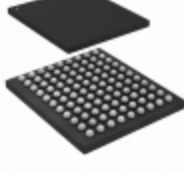
Specifications of CY8C5888AXQ-LP096

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | CY8C5888AXQ-LP096                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                     |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 100TQFP                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| QUANTITY AVAILABLE               | 4223 pcs                                                                                                  |
| DATA SHEET                       |  CY8C5888AXQ-LP096.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 5.5 V                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 100-TQFP (14x14)                                                                                          |
| SPEED                            | 80MHz                                                                                                     |
| SERIES                           | PSOC® 5 CY8C58LP                                                                                          |
| 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                                                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 105°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                      | 2K x 8                                                                                                    |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 PSOC® 5 CY8C58LP Microcontroller IC 32-Bit 80MHz 256KB (256K x 8) FLASH 100-TQFP (14x14)  |
| DATA CONVERTERS                  | A/D 1x20b, 2x12b, D/A 4x8b                                                                                |
| CORE SIZE                        | 32-Bit                                                                                                    |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                           |
| CONNECTIVITY                     | CANbus, I²C, LINbus, SPI, UART/USART, USB                                                                 |

Related Tags

|                                         |                                              |                                             |
|-----------------------------------------|----------------------------------------------|---------------------------------------------|
| Cypress Semiconductor CY8C5888AXQ-LP096 | CY8C5888AXQ-LP096 Distributor                | CY8C5888AXQ-LP096 Supplier                  |
| CY8C5888AXQ-LP096 Price                 | CY8C5888AXQ-LP096 Pictures                   | CY8C5888AXQ-LP096 Image                     |
| CY8C5888AXQ-LP096 PDF Datasheet         | CY8C5888AXQ-LP096 Download Datasheet         | CY8C5888AXQ-LP096 Datasheet                 |
| CY8C5888AXQ-LP096 Stock                 | Buy CY8C5888AXQ-LP096                        | Buy Cypress Semiconductor CY8C5888AXQ-LP096 |
| Cypress Semiconductor CY8C5888AXQ-LP096 | Cypress Semiconductor Supplier               | Cypress Semiconductor Distributor           |
| Cypress Semiconductor CY8C5888AXQ-LP096 | Cypress Semiconductor Corp CY8C5888AXQ-LP096 |                                             |

Related Products

|                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                           |
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|  <div><b>CY8C6347BZI-BLD33</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC DUAL CORE MCU 32BIT 1M 116BGA<br/>In stock: 7616 pcs</div> <div>RFQ</div>  |  <div><b>CY8C5888FNI-LP214T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 99WLCSP<br/>In stock: 7702 pcs</div> <div>RFQ</div> |
|  <div><b>CY8C5888LTI-LP097</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 68QFN<br/>In stock: 5405 pcs</div> <div>RFQ</div>    |  <div><b>CY8C5867LTI-LP028</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 128KB FLASH 68QFN<br/>In stock: 5447 pcs</div> <div>RFQ</div>    |
|  <div><b>CY8C5888LTQ-LP097</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 68QFN<br/>In stock: 5302 pcs</div> <div>RFQ</div>    |  <div><b>CY8C5868LTI-LP038</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 68QFN<br/>In stock: 6515 pcs</div> <div>RFQ</div>    |
|  <div><b>CY8C6247FDI-D32T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC DUAL CORE MCU 32BIT 1M 80WLCSP<br/>In stock: 14360 pcs</div> <div>RFQ</div> |  <div><b>CY8C5868AXI-LP032</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 100TQFP<br/>In stock: 5126 pcs</div> <div>RFQ</div>  |
|  <div><b>CY8C5888AXI-LP096</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 100TQFP<br/>In stock: 5109 pcs</div> <div>RFQ</div>  |  <div><b>CY8C5868LTI-LP039</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 68QFN<br/>In stock: 5262 pcs</div> <div>RFQ</div>    |
|  <div><b>CY8C5888FNI-LP210T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 99WLCSP<br/>In stock: 7998 pcs</div> <div>RFQ</div> |  <div><b>CY8C5868AXI-LP035</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 100TQFP<br/>In stock: 5114 pcs</div> <div>RFQ</div>  |