



CY8C5866LTI-LP022

|                     |                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | CY8C5866LTI-LP022                                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                                   |
| Product description | IC MCU 32BIT 64KB FLASH 68QFN                                                                                           |
| Datasheets:         |  <a href="#">CY8C5866LTI-LP022.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant            |
| Ship From           | Hong Kong                                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                   |

REQUEST FOR QUOTATION

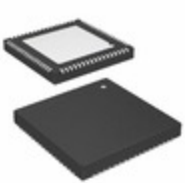
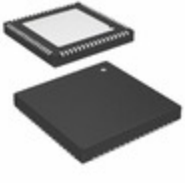
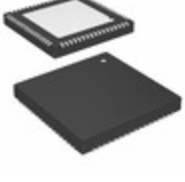
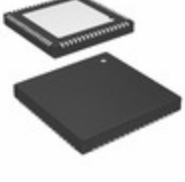
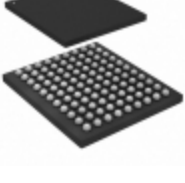
Specifications of CY8C5866LTI-LP022

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | CY8C5866LTI-LP022                                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                     |
| DESCRIPTION                      | IC MCU 32BIT 64KB FLASH 68QFN                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                |
| DATA SHEET                       |  <a href="#">CY8C5866LTI-LP022.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 5.5 V                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 68-QFN (8x8)                                                                                                              |
| SPEED                            | 67MHz                                                                                                                     |
| SERIES                           | PSOC® 5 CY8C58LP                                                                                                          |
| RAM SIZE                         | 16K x 8                                                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                     |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                                                            |
| PERIPHERALS                      | CapSense, DMA, LCD, POR, PWM, WDT                                                                                         |
| PACKAGING                        | Tray                                                                                                                      |
| PACKAGE / CASE                   | 68-VFQFN Exposed Pad                                                                                                      |
| OSCILLATOR TYPE                  | Internal                                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                         |
| NUMBER OF I/O                    | 38                                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                             |
| MANUFACTURER STANDARD LEAD TIME  | 15 Weeks                                                                                                                  |
| 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 67MHz 64KB (64K x 8) FLASH 68-QFN (8x8)                        |
| DATA CONVERTERS                  | A/D 1x20b, 1x12b, D/A 4x8b                                                                                                |
| CORE SIZE                        | 32-Bit                                                                                                                    |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                                           |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART, USB                                                                                         |
| BASE PART NUMBER                 | CY8C5866                                                                                                                  |

Related Tags

|                                         |                                              |                                             |
|-----------------------------------------|----------------------------------------------|---------------------------------------------|
| Cypress Semiconductor CY8C5866LTI-LP022 | CY8C5866LTI-LP022 Distributor                | CY8C5866LTI-LP022 Supplier                  |
| CY8C5866LTI-LP022 Price                 | CY8C5866LTI-LP022 Pictures                   | CY8C5866LTI-LP022 Image                     |
| CY8C5866LTI-LP022 PDF Datasheet         | CY8C5866LTI-LP022 Download Datasheet         | CY8C5866LTI-LP022 Datasheet                 |
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| Cypress Semiconductor CY8C5866LTI-LP022 | Cypress Semiconductor Supplier               | Cypress Semiconductor Distributor           |
| Cypress Semiconductor CY8C5866LTI-LP022 | Cypress Semiconductor Corp CY8C5866LTI-LP022 |                                             |

Related Products

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                           |
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|  <div><b>CY8C5866AXI-LP020</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 64KB FLASH 100TQFP<br/>In stock: 117 pcs<br/><b>RFQ</b></div>     |  <div><b>CY8C5668LTI-LP014</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 68QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>   |
|  <div><b>CY8C5866AXI-LP021</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 64KB FLASH 100TQFP<br/>In stock: 130 pcs<br/><b>RFQ</b></div>     |  <div><b>CY8C5867AXI-LP024</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 128KB FLASH 100TQFP<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>CY8C5868AXI-LP035</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 100TQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>CY8C5868LTI-LP038</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 68QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>   |
|  <div><b>CY8C5867LTI-LP028</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 128KB FLASH 68QFN<br/>In stock: 313 pcs<br/><b>RFQ</b></div>      |  <div><b>CY8C5688LTI-LP086</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 68QFN<br/>In stock: 335 pcs<br/><b>RFQ</b></div>     |
|  <div><b>CY8C5688FNI-LP211T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 99WLCSP<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>CY8C5868AXI-LP032</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 100TQFP<br/>In stock: 853 pcs<br/><b>RFQ</b></div>   |
|  <div><b>CY8C5867LTI-LP025</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 128KB FLASH 68QFN<br/>In stock: 118 pcs<br/><b>RFQ</b></div>      |  <div><b>CY8C5688AXI-LP099</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 100TQFP<br/>In stock: 477 pcs<br/><b>RFQ</b></div>   |