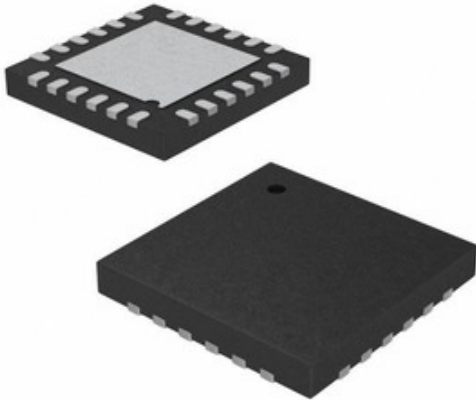




Cypress Semiconductor



CY8C20396A-24LQXI

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | CY8C20396A-24LQXI                                                                                            |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | MCU 16K FLASH 2K SRAM 24QFN                                                                                  |
| Datasheets:         |  CY8C20396A-24LQXI.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

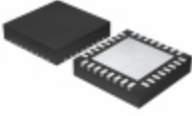
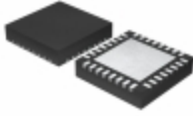
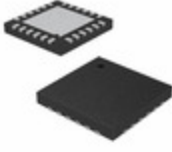
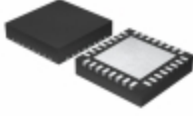
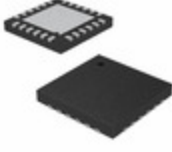
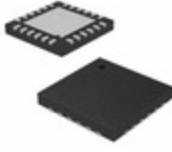
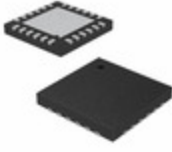
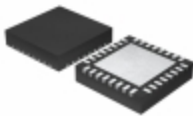
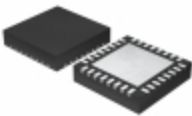
Specifications of CY8C20396A-24LQXI

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | CY8C20396A-24LQXI                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                     |
| DESCRIPTION                      | MCU 16K FLASH 2K SRAM 24QFN                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| DATA SHEET                       |  CY8C20396A-24LQXI.pdf |
| VOLTAGE - SUPPLY                 | 1.71 V ~ 5.5 V                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 24-SQFN (4x4)                                                                                             |
| SERIES                           | CapSense® Controllers                                                                                     |
| RAM SIZE                         | 2K x 8                                                                                                    |
| PROGRAM MEMORY TYPE              | FLASH (16 kB)                                                                                             |
| PACKAGING                        | Tray                                                                                                      |
| PACKAGE / CASE                   | 24-UFQFN Exposed Pad                                                                                      |
| OTHER NAMES                      | CY8C20396A24LQXI                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                              |
| NUMBER OF I/O                    | 19                                                                                                        |
| MOUNTING TYPE                    | Surface Mount                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                             |
| MANUFACTURER STANDARD LEAD TIME  | 15 Weeks                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| INTERFACE                        | I²C, SPI, USB                                                                                             |
| CORE PROCESSOR                   | M8C                                                                                                       |
| CONTROLLER SERIES                | CY8C20xx6A                                                                                                |
| BASE PART NUMBER                 | CY8C20396                                                                                                 |
| APPLICATIONS                     | Capacitive Sensing                                                                                        |

Related Tags

|                                         |                                              |                                             |
|-----------------------------------------|----------------------------------------------|---------------------------------------------|
| Cypress Semiconductor CY8C20396A-24LQXI | CY8C20396A-24LQXI Distributor                | CY8C20396A-24LQXI Supplier                  |
| CY8C20396A-24LQXI Price                 | CY8C20396A-24LQXI Pictures                   | CY8C20396A-24LQXI Image                     |
| CY8C20396A-24LQXI PDF Datasheet         | CY8C20396A-24LQXI Download Datasheet         | CY8C20396A-24LQXI Datasheet                 |
| CY8C20396A-24LQXI Stock                 | Buy CY8C20396A-24LQXI                        | Buy Cypress Semiconductor CY8C20396A-24LQXI |
| Cypress Semiconductor CY8C20396A-24LQXI | Cypress Semiconductor Supplier               | Cypress Semiconductor Distributor           |
| Cypress Semiconductor CY8C20396A-24LQXI | Cypress Semiconductor Corp CY8C20396A-24LQXI |                                             |

Related Products

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>CY8C20396-24LQXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC CAPSENSE 19 I/O 16K 24QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>CY8C20424-12LQXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 8KB FLASH 32QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>       |
|  <div><b>CY8C20396-24LQXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC CAPSENSE 19 I/O 16K 24QFN<br/>In stock: 906 pcs<br/><div>RFQ</div></div>      |  <div><b>CY8C20347-24LQXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC CAPSENCE 16K FLASH 24QFN<br/>In stock: 147 pcs<br/><div>RFQ</div></div>          |
|  <div><b>CY8C20424-12LKXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 8KB FLASH 32QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>    |  <div><b>CY8C20396A-24LQXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU PSOC 16K FLASH 2K 24QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>CY8C20424-12LQXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 8KB FLASH 32QFN<br/>In stock: 275 pcs<br/><div>RFQ</div></div>       |  <div><b>CY8C20347-24LQXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC CAPSENCE 16K FLASH 24QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>       |
|  <div><b>CY8C20347S-24LQXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC CAPSENCE SMARTSENCE 16K 24QFN<br/>In stock: 980 pcs<br/><div>RFQ</div></div> |  <div><b>CY8C20347S-24LQXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC CAPSENCE SMARTSENCE 16K 24QFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>CY8C20434-12LKXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 8KB FLASH 32QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>     |  <div><b>CY8C20424-12LKXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 8KB FLASH 32QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>        |