



Cypress Semiconductor



CY8C20446AS-24LQXI

|                     |                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | CY8C20446AS-24LQXI                                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                                    |
| Product description | IC CAPSENSE AP 16KB 32QFN                                                                                                |
| Datasheets:         |  <a href="#">CY8C20446AS-24LQXI.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant             |
| Stock Condition     | 23104 pcs stock                                                                                                          |
| Ship From           | Hong Kong                                                                                                                |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                    |

REQUEST FOR QUOTATION

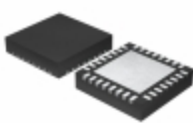
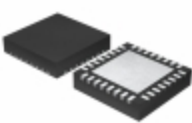
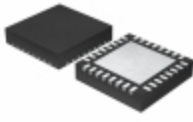
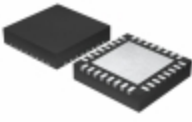
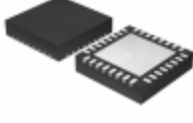
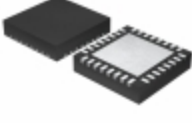
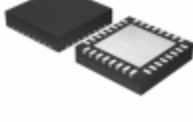
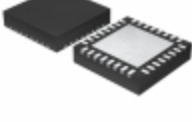
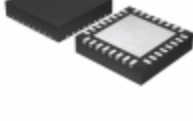
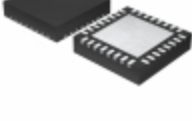
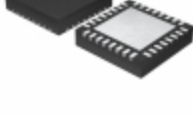
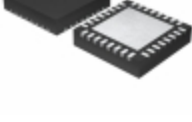
Specifications of CY8C20446AS-24LQXI

|                                  |                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | CY8C20446AS-24LQXI                                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                      |
| DESCRIPTION                      | IC CAPSENSE AP 16KB 32QFN                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                 |
| QUANTITY AVAILABLE               | 23104 pcs                                                                                                                  |
| DATA SHEET                       |  <a href="#">CY8C20446AS-24LQXI.pdf</a> |
| VOLTAGE - SUPPLY                 | 1.71 V ~ 5.5 V                                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 32-QFN (5x5)                                                                                                               |
| SERIES                           | CapSense® Controllers                                                                                                      |
| RAM SIZE                         | 2K x 8                                                                                                                     |
| PROGRAM MEMORY TYPE              | FLASH (16 kB)                                                                                                              |
| PACKAGING                        | Tray                                                                                                                       |
| PACKAGE / CASE                   | 32-UFQFN Exposed Pad                                                                                                       |
| OTHER NAMES                      | CY8C20446AS24LQXI                                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                                               |
| NUMBER OF I/O                    | 28                                                                                                                         |
| MOUNTING TYPE                    | Surface Mount                                                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                 |
| INTERFACE                        | I²C, SPI                                                                                                                   |
| CORE PROCESSOR                   | M8C                                                                                                                        |
| CONTROLLER SERIES                | CY8C20xx6A                                                                                                                 |
| BASE PART NUMBER                 | CY8C20446                                                                                                                  |
| APPLICATIONS                     | Capacitive Sensing                                                                                                         |

Related Tags

|                                          |                                               |                                              |
|------------------------------------------|-----------------------------------------------|----------------------------------------------|
| Cypress Semiconductor CY8C20446AS-24LQXI | CY8C20446AS-24LQXI Distributor                | CY8C20446AS-24LQXI Supplier                  |
| CY8C20446AS-24LQXI Price                 | CY8C20446AS-24LQXI Pictures                   | CY8C20446AS-24LQXI Image                     |
| CY8C20446AS-24LQXI PDF Datasheet         | CY8C20446AS-24LQXI Download Datasheet         | CY8C20446AS-24LQXI Datasheet                 |
| CY8C20446AS-24LQXI Stock                 | Buy CY8C20446AS-24LQXI                        | Buy Cypress Semiconductor CY8C20446AS-24LQXI |
| Cypress Semiconductor CY8C20446AS-24LQXI | Cypress Semiconductor Supplier                | Cypress Semiconductor Distributor            |
| Cypress Semiconductor CY8C20446AS-24LQXI | Cypress Semiconductor Corp CY8C20446AS-24LQXI |                                              |

Related Products

|                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                          |
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| <div></div> <div><b>CY8C20447-24LQXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC CAPSENSE 16K FLASH 32QFN<br/>In stock: 43200 pcs<br/><div>RFQ</div></div>       | <div></div> <div><b>CY8C20446-24LQXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC CAPSENSE AP 16K 2048B 32QFN<br/>In stock: 2862 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>CY8C20446H-24LQXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: MCU PSOC 16K FLASH 24MHZ 32QFN<br/>In stock: 5387 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>CY8C20447S-24LQXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC CAPSENSE SMARTSENCE 16K 32QFN<br/>In stock: 19459 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>CY8C20447S-24LQXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC CAPSENSE SMARTSENCE 16K 32QFN<br/>In stock: 46369 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>CY8C20446H-24LQXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC PSOC CAPSENSE 24MHZ 32QFN<br/>In stock: 20584 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>CY8C20446A-24LQXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: MCU 16K FLASH 2K SRAM 32QFN<br/>In stock: 26297 pcs<br/><div>RFQ</div></div>       | <div></div> <div><b>CY8C20446-24LQXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC CAPSENSE AP 16K 2048B 32QFN<br/>In stock: 4775 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>CY8C20437-24LQXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC CAPSENCE 8K FLASH 32QFN<br/>In stock: 25262 pcs<br/><div>RFQ</div></div>         | <div></div> <div><b>CY8C20447-24LQXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC CAPSENCE 16K FLASH 32QFN<br/>In stock: 21931 pcs<br/><div>RFQ</div></div>       |
| <div></div> <div><b>CY8C20437-24LQXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC CAPSENCE 8K FLASH 32QFN<br/>In stock: 46113 pcs<br/><div>RFQ</div></div>        | <div></div> <div><b>CY8C20446A-24LQXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU PSOC 16K FLASH 2K 32QFN<br/>In stock: 44978 pcs<br/><div>RFQ</div></div>  |