

CY8C20447S-24LQXIT



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**Part Number:** [CY8C20447S-24LQXIT](#)

**Manufacturer:** [Cypress Semiconductor](#)

**Description:** IC CAPSENCE SMARTSENCE 16K 32QFN

**Data sheet:**  [CY8C20xx7/S](#)

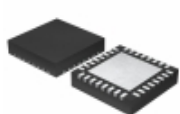
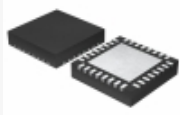
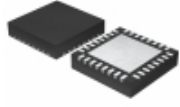
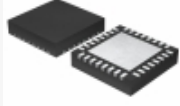
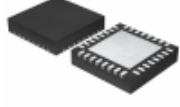
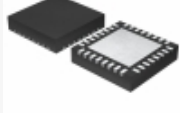
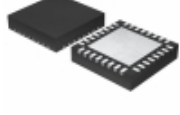
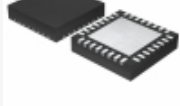
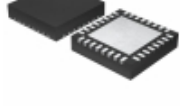
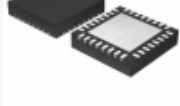
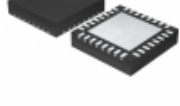
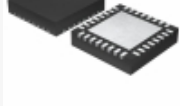
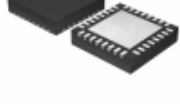
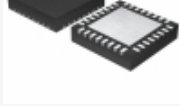
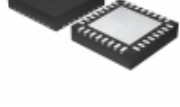
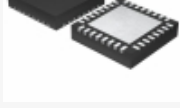
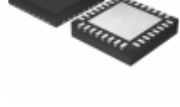
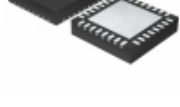
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                  |                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|---------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                | CY8C20447S-24LQXIT                        | Manufacturer                     | <a href="#">Cypress Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC CAPSENCE SMARTSENCE 16K 32QFN          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 41645 pcs                                 | Data sheet                       | <a href="#">CY8C20xx7/S</a>           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Tape & Reel (TR)                          | Package / Case                   | 32-UFQFN Exposed Pad                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 85°C                              | Number of I/O                    | 29                                    |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                         |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                            | 18 Weeks                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant            |
| Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | I²C, SPI                                  | Core Processor                   | M8C                                   |
| Controller Series                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CY8C20xx7/S                               | Applications                     | Capacitive Sensing                    |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Cypress Semiconductor series electronic components. We have 41645 pieces of Cypress Semiconductor CY8C20447S-24LQXIT in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                  |                                       |

| RELATED PRODUCTS                                                                   |                                                                                            |                                                      |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------|---------------------|
|  | Part#: <a href="#">CY8C20467-24LQXIT</a><br>Description: IC CAPSENCE 32K FLASH 32QFN       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C20466-24LQXI</a><br>Description: IC CAPSENSE AP 32K 2048B 32QFN     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C20496A-24LQXI</a><br>Description: MCU 16K FLASH 2K SRAM 32QFN       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C20467-24LQXI</a><br>Description: IC CAPSENCE 32K FLASH 32QFN        | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C20446AS-24LQXI</a><br>Description: IC CAPSENSE AP 16KB 32QFN        | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C20446-24LQXIT</a><br>Description: IC CAPSENSE AP 16K 2048B 32QFN    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C20447-24LQXIT</a><br>Description: IC CAPSENCE 16K FLASH 32QFN       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C20466-24LQXIT</a><br>Description: IC CAPSENSE AP 32K 2048B 32QFN    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">CY8C20446-24LQXI</a><br>Description: IC CAPSENSE AP 16K 2048B 32QFN     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C20467S-24LQXIT</a><br>Description: IC CAPSENCE SMARTSENCE 32K 32QFN | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C20466A-24LQXI</a><br>Description: IC CAPSENSE PSOC 32K 32QFN        | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C20447-24LQXI</a><br>Description: IC CAPSENCE 16K FLASH 32QFN        | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C20447S-24LQXI</a><br>Description: IC CAPSENCE SMARTSENCE 16K 32QFN  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C20446H-24LQXI</a><br>Description: IC PSOC CAPSENSE 24MHZ 32QFN      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C20446A-24LQXI</a><br>Description: MCU 16K FLASH 2K SRAM 32QFN       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C20446A-24LQXIT</a><br>Description: IC MCU PSOC 16K FLASH 2K 32QFN   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C20466A-24LQXIT</a><br>Description: IC MCU PSOC 32K FLASH 2K 32QFN   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">CY8C20467S-24LQXI</a><br>Description: IC CAPSENCE SMARTSENCE 32K 32QFN  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |

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|------------------------------------------------|-----------------------------------------------|-----------------------------|--------------------------|
| Related keywords for <b>CY8C20447S-24LQXIT</b> |                                               |                             |                          |
| Cypress Semiconductor CY8C20447S-24LQXIT       | CY8C20447S-24LQXIT distributor                | CY8C20447S-24LQXIT supplier | CY8C20447S-24LQXIT price |
| CY8C20447S-24LQXIT download datasheet          | CY8C20447S-24LQXIT datasheet                  | CY8C20447S-24LQXIT stock    | buy CY8C20447S-24LQXIT   |
| Cypress Semiconductor CY8C20447S-24LQXIT       | Cypress Semiconductor Corp CY8C20447S-24LQXIT |                             |                          |