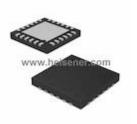




CY8C20337-24LQXIT Information



For Reference Only

Part Number CY8C20337-24LQXIT

Manufacturer Cypress Semiconductor Corp

Category Integrated Circuits (ICs)

Embedded - Microcontrollers - Application Specific

Description IC CAPSENCE 8K FLASH 24QFN

Package 24-UFQFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









CY8C20337-24LQXIT Specifications

| Manufacturer Part NumberCY8C20337-24LQXITManufacturerCypress Semiconductor CorpCategoryIntegrated Circuits (ICs)Embedded - Microcontrollers - Application SpecificPackage24-UFQFN Exposed PadSeriesCapSense? ControllersApplicationsCapacitive SensingCore ProcessorM8CProgram Memory TypeFLASH (8 kB)Controller SeriesCY8C20xx7/SRAM Size1K x 8Interface12C, SPINumber of I/O20Voltage - Supply1.71 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case24-UFQFN Exposed PadSupplier Device Package24-QFN (4x4) | | |
|---|--------------------------|--|
| Category Integrated Circuits (ICs) Embedded - Microcontrollers - Application Specific Package 24-UFQFN Exposed Pad Series CapSense? Controllers Applications Capacitive Sensing Core Processor M8C Program Memory Type FLASH (8 kB) Controller Series CY8C20xx7/S RAM Size IK x 8 Interface I2C, SPI Number of I/O 20 Voltage - Supply 1.71 V ~ 5.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 24-UFQFN Exposed Pad Supplier Device Package 24-QFN (4x4) | Manufacturer Part Number | CY8C20337-24LQXIT |
| Embedded - Microcontrollers - Application SpecificPackage24-UFQFN Exposed PadSeriesCapSense? ControllersApplicationsCapacitive SensingCore ProcessorM8CProgram Memory TypeFLASH (8 kB)Controller SeriesCY8C20xx7/SRAM Size1K x 8Interface12C, SPINumber of I/O20Voltage - Supply1.71 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case24-UFQFN Exposed PadSupplier Device Package24-QFN (4x4) | Manufacturer | Cypress Semiconductor Corp |
| Package 24-UFQFN Exposed Pad Series CapSense? Controllers Applications Capacitive Sensing Core Processor M8C Program Memory Type FLASH (8 kB) Controller Series CY8C20xx7/S RAM Size 1K x 8 Interface 12C, SPI Number of I/O 20 Voltage - Supply 1.71 V ~ 5.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 24-UFQFN Exposed Pad Supplier Device Package 24-QFN (4x4) | Category | Integrated Circuits (ICs) |
| SeriesCapSense? ControllersApplicationsCapacitive SensingCore ProcessorM8CProgram Memory TypeFLASH (8 kB)Controller SeriesCY8C20xx7/SRAM Size1K x 8InterfaceI2C, SPINumber of I/O20Voltage - Supply1.71 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case24-UFQFN Exposed PadSupplier Device Package24-QFN (4x4) | | Embedded - Microcontrollers - Application Specific |
| Applications Core Processor M8C Program Memory Type FLASH (8 kB) Controller Series CY8C20xx7/S RAM Size Ilk x 8 Interface I2C, SPI Number of I/O 20 Voltage - Supply Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case Supplier Device Package 24-QFN (4x4) | Package | 24-UFQFN Exposed Pad |
| Core Processor Program Memory Type FLASH (8 kB) Controller Series CY8C20xx7/S RAM Size IK x 8 Interface I2C, SPI Number of I/O 20 Voltage - Supply 1.71 V ~ 5.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 24-UFQFN Exposed Pad Supplier Device Package | Series | CapSense? Controllers |
| Program Memory Type FLASH (8 kB) Controller Series CY8C20xx7/S RAM Size 1K x 8 Interface I2C, SPI Number of I/O 20 Voltage - Supply 1.71 V ~ 5.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 24-UFQFN Exposed Pad Supplier Device Package | Applications | Capacitive Sensing |
| Controller Series CY8C20xx7/S RAM Size 1K x 8 Interface I2C, SPI Number of I/O 20 Voltage - Supply 1.71 V ~ 5.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 24-UFQFN Exposed Pad Supplier Device Package 24-QFN (4x4) | Core Processor | M8C |
| RAM Size Interface I2C, SPI Number of I/O 20 Voltage - Supply 1.71 V ~ 5.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 24-UFQFN Exposed Pad Supplier Device Package 24-QFN (4x4) | Program Memory Type | FLASH (8 kB) |
| Interface I2C, SPI Number of I/O 20 Voltage - Supply 1.71 V ~ 5.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 24-UFQFN Exposed Pad Supplier Device Package 24-QFN (4x4) | Controller Series | CY8C20xx7/S |
| Number of I/O20Voltage - Supply1.71 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case24-UFQFN Exposed PadSupplier Device Package24-QFN (4x4) | RAM Size | 1K x 8 |
| Voltage - Supply $1.71 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case $24\text{-UFQFN Exposed Pad}$ Supplier Device Package 24-QFN (4x4) | Interface | I2C, SPI |
| Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 24-UFQFN Exposed Pad Supplier Device Package 24-QFN (4x4) | Number of I/O | 20 |
| Mounting Type Surface Mount Package / Case 24-UFQFN Exposed Pad Supplier Device Package 24-QFN (4x4) | Voltage - Supply | 1.71 V ~ 5.5 V |
| Package / Case 24-UFQFN Exposed Pad Supplier Device Package 24-QFN (4x4) | Operating Temperature | -40°C ~ 85°C |
| Supplier Device Package 24-QFN (4x4) | Mounting Type | Surface Mount |
| | Package / Case | 24-UFQFN Exposed Pad |
| Report errors? | Supplier Device Package | 24-QFN (4x4) |
| | | Report errors? |

CY8C20337-24LQXIT Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

CY8C20337-24LQXIT Payment Methods



















CY8C20337-24LQXIT Shipping Methods













If you have any question about CY8C20337-24LQXIT, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com