



CY8C20336-24LQXIT Information



For Reference Only

Part Number CY8C20336-24LQXIT

Manufacturer Cypress Semiconductor Corp

Category Integrated Circuits (ICs)

Embedded - Microcontrollers - Application Specific

Description IC CAPSENSE 20 I/O 8K 24QFN

24-UFQFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

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



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Package









CY8C20336-24LQXIT Specifications

Manufacturer Part NumberCY8C20336-24LQXITManufacturerCypress Semiconductor CorpCategoryIntegrated Circuits (ICs)Embedded - Microcontrollers - Application SpecificPackage24-UFQFN Exposed PadSeriesCapSense? ControllersApplicationsCapacitive SensingCore ProcessorM8CProgram Memory TypeFLASH (8 kB)Controller SeriesCY8C20xx6RAM 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)		
CategoryIntegrated Circuits (ICs)Embedded - Microcontrollers - Application SpecificPackage24-UFQFN Exposed PadSeriesCapSense? ControllersApplicationsCapacitive SensingCore ProcessorM8CProgram Memory TypeFLASH (8 kB)Controller SeriesCY8C20xx6RAM 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)	Manufacturer Part Number	CY8C20336-24LQXIT
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Package 24-UFQFN Exposed Pad Series CapSense? Controllers Applications Capacitive Sensing Core Processor M8C Program Memory Type FLASH (8 kB) Controller Series CY8C20xx6 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 SeriesCY8C20xx6RAM 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
ApplicationsCapacitive SensingCore ProcessorM8CProgram Memory TypeFLASH (8 kB)Controller SeriesCY8C20xx6RAM 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)	Package	24-UFQFN Exposed Pad
Core Processor Program Memory Type FLASH (8 kB) Controller Series CY8C20xx6 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 CY8C20xx6 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)	Applications	Capacitive Sensing
Controller Series CY8C20xx6 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 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)	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	CY8C20xx6
Number of I/O20Voltage - Supply $1.71 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $24\text{-UFQFN Exposed Pad}$ Supplier Device Package 24-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
D 4 0	Supplier Device Package	24-QFN (4x4)
Report errors?		Report errors?

CY8C20336-24LQXIT 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.

CY8C20336-24LQXIT Payment Methods



















CY8C20336-24LQXIT Shipping Methods













If you have any question about CY8C20336-24LQXIT, please do not hesitate to contact us!

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