



CY8C20246-24LKXIT Information



For Reference Only

Part NumberCY8C20246-24LKXITManufacturerCypress Semiconductor CorpCategoryIntegrated Circuits (ICs)

Embedded - Microcontrollers - Application Specific

Description IC CAPSENSE AP 16K 2048B 16QFN

Package 16-UFQFN

For the pricing/inventory/lead time, please contact

us

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CY8C20246-24LKXIT Specifications

Manufacturer Part NumberCY8C20246-24LKXITManufacturerCypress Semiconductor CorpCategoryIntegrated Circuits (ICs)Embedded - Microcontrollers - Application SpecificPackage16-UFQFNSeriesCapSense? ControllersApplicationsCapacitive SensingCore ProcessorM8CProgram Memory TypeFLASH (16 kB)Controller SeriesCY8C20xx6RAM Size2K x 8Interface12C, SPINumber of I/O13Voltage - Supply1.71 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case16-UFQFNSupplier Device Package16-QFN (3x3)		
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Package 16-UFQFN Series CapSense? Controllers Applications Capacitive Sensing Core Processor M8C Program Memory Type FLASH (16 kB) Controller Series CY8C20xx6 RAM Size 2K x 8 Interface 12C, SPI Number of I/O 13 Voltage - Supply 1.71 V ~ 5.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 16-UFQFN Supplier Device Package 16-QFN (3x3)	Category	Integrated Circuits (ICs)
Series CapSense? Controllers Applications Capacitive Sensing Core Processor M8C Program Memory Type FLASH (16 kB) Controller Series CY8C20xx6 RAM Size 2K x 8 Interface I2C, SPI Number of I/O 13 Voltage - Supply 1.71 V ~ 5.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 16-UFQFN Supplier Device Package 16-QFN (3x3)		Embedded - Microcontrollers - Application Specific
Applications Core Processor M8C Program Memory Type FLASH (16 kB) Controller Series CY8C20xx6 RAM Size 12K x 8 Interface 12C, SPI Number of I/O 13 Voltage - Supply Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 16-UFQFN Supplier Device Package Capacitive Sensing M8C Capacitive Sensing M8C Lagrand Lagrand	Package	16-UFQFN
Core Processor Program Memory Type FLASH (16 kB) Controller Series CY8C20xx6 RAM Size 12K x 8 Interface I2C, SPI Number of I/O 13 Voltage - Supply 1.71 V ~ 5.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 16-UFQFN Supplier Device Package 16-QFN (3x3)	Series	CapSense? Controllers
Program Memory Type FLASH (16 kB) Controller Series CY8C20xx6 RAM Size 2K x 8 Interface I2C, SPI Number of I/O 13 Voltage - Supply 1.71 V ~ 5.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 16-UFQFN Supplier Device Package	Applications	Capacitive Sensing
Controller Series $CY8C20xx6$ RAM Size $2K x 8$ Interface $I2C, SPI$ Number of I/O 13 Voltage - Supply $1.71 V \sim 5.5 V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting TypeSurface MountPackage / Case 16 -UFQFNSupplier Device Package 16 -QFN $(3x3)$	Core Processor	M8C
RAM Size 2K x 8 Interface I2C, SPI Number of I/O 13 Voltage - Supply 1.71 V ~ 5.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 16-UFQFN Supplier Device Package 16-QFN (3x3)	Program Memory Type	FLASH (16 kB)
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Number of I/O13Voltage - 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 16-UFQFN Supplier Device Package 16-QFN (3x3)	RAM Size	2K 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 16-UFQFN Supplier Device Package 16-QFN (3x3)	Interface	I2C, SPI
Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 16-UFQFN Supplier Device Package 16-QFN (3x3)	Number of I/O	13
Mounting Type Surface Mount Package / Case 16-UFQFN Supplier Device Package 16-QFN (3x3)	Voltage - Supply	1.71 V ~ 5.5 V
Package / Case 16-UFQFN Supplier Device Package 16-QFN (3x3)	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 16-QFN (3x3)	Mounting Type	Surface Mount
	Package / Case	16-UFQFN
Report errors?	Supplier Device Package	16-QFN (3x3)
		Report errors?

CY8C20246-24LKXIT Guarantees



Quality Guarantees

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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.



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CY8C20246-24LKXIT Payment Methods



















CY8C20246-24LKXIT Shipping Methods













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