

# CYPD2125-24LQXIT

# CYPD2125-24LQXIT Information

Part Number	CYPD2125-24LQXIT	
Manufacturer	Cypress Semiconductor Corp	<b>101525</b>
Category	Integrated Circuits (ICs) Embedded - Microcontrollers - Application Specific	
Description	IC MCU WIRED CCG2 24QFN	<u> </u>
Package	24-UFQFN Exposed Pad	
	For the pricing/inventory/lead time, please contact us	1216-21
	Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request
	Manufacturer Category Description	Embedded - Microcontrollers - Application SpecificDescriptionIC MCU WIRED CCG2 24QFNPackage24-UFQFN Exposed PadFor the pricing/inventory/lead time, please contact us Website: https://www.heisener.com

# **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.



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# CYPD2125-24LQXIT Specifications

InterfacePC, SPI, UART/USART, USBNumber of I/O14Voltage - Supply1.71V ~ 5.5VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case24-UFQFN Exposed PadSupplier Device Package24-SQFN (4x4)		
CategoryIntegrated Circuits (ICs)Embedded - Microcontrollers - Application SpecificPackage24-UFQFN Exposed PadSeriesEZ-PD™ CCG2ApplicationsUSB Type CCore ProcessorARM® Cortex®-M0Program Memory TypeFLASH (32KB)Controller Series-RAM Size4K x 8InterfacePC, SPI, UART/USART, USBNumber of I/O14Voltage - Supply1.71V ~ 5.5VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case24-UFQFN Exposed PadSupplier Device Package24-SQFN (4x4)	Manufacturer Part Number	CYPD2125-24LQXIT
Indedder Microcontrollers - Application SpecificPackage24-UFQFN Exposed PadSeriesEZ-PD™CCG2ApplicationsUSB Type CCore ProcessorARM® Cortex®-M0Program Memory TypeFLASH (32KB)Controller Series-RAM Size4K x 8InterfacePC, SPI, UART/USART, USBNumber of I/O14Voltage - SupplyJuface MountOperating TemperatureAv°C ~ 85°C (TA)Mounting Type24-UFQFN Exposed PadSupplier Device Package24-SQFN (44)	Manufacturer	Cypress Semiconductor Corp
Package24-UFQFN Exposed PadSeriesEZ-PDTM CCG2ApplicationsUSB Type CCore ProcessorARM® Cortex®-M0Program Memory TypeFLASH (32KB)Controller Series-RAM Size4K x 8InterfacePC, SPI, UART/USART, USBNumber of I/O14Voltage - Supply1.71V ~ 5.5VOperating Temperature40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case24-UFQFN Exposed PadSupplier Device Package24-SQFN (4x4)	Category	Integrated Circuits (ICs)
SeriesEZ-PDTM CCG2ApplicationsUSB Type CCore ProcessorARM® Cortex®-M0Program Memory TypeFLASH (32KB)Controller Series-RAM Size4K x 8InterfacePC, SPI, UART/USART, USBNumber of I/O14Voltage - Supply-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case24-UFQFN Exposed PadSupplier Device Package24-SQFN (4x4)		Embedded - Microcontrollers - Application Specific
ApplicationsUSB Type CCore ProcessorARM® Cortex®-M0Program Memory TypeFLASH (32KB)Controller Series-RAM Size4K x 8InterfacePC, SPI, UART/USART, USBNumber of I/O14Voltage - Supply1.71V ~ 5.5VOperating TemperatureSurface MountMounting TypeSurface MountPackage / Case24-UFQFN Exposed PadSupplier Device Package24-SQFN (4x4)	Package	24-UFQFN Exposed Pad
Core ProcessorARM® Cortex®-M0Program Memory TypeFLASH (32KB)Controller Series-RAM Size4K x 8InterfacePC, SPI, UART/USART, USBNumber of I/O14Voltage - Supply1.71V ~ 5.5VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case24-UFQFN Exposed PadSupplier Device Package24-SQFN (4x4)	Series	EZ-PD <sup>TM</sup> CCG2
Program Memory TypeFLASH (32KB)Controller Series-RAM Size4K x 8InterfaceIPC, SPI, UART/USART, USBNumber of I/O14Voltage - Supply1.71V ~ 5.5VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case24-UFQFN Exposed PadSupplier Device Package24-SQFN (4x4)	Applications	USB Type C
Controller Series-RAM Size4K x 8InterfacePC, SPI, UART/USART, USBNumber of I/O14Voltage - Supply1.71V ~ 5.5VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case24-UFQFN Exposed PadSupplier Device Package24-SQFN (4x4)	Core Processor	ARM® Cortex®-M0
RAM Size4K x 8InterfacePC, SPI, UART/USART, USBNumber of I/O14Voltage - Supply1.71V ~ 5.5VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case24-UFQFN Exposed PadSupplier Device Package24-SQFN (4x4)	Program Memory Type	FLASH (32KB)
InterfacePC, SPI, UART/USART, USBNumber of I/O14Voltage - Supply1.71V ~ 5.5VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case24-UFQFN Exposed PadSupplier Device Package24-SQFN (4x4)	Controller Series	-
Number of I/O14Voltage - Supply1.71V ~ 5.5VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case24-UFQFN Exposed PadSupplier Device Package24-SQFN (4x4)	RAM Size	4K x 8
Voltage - Supply1.71V ~ 5.5VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case24-UFQFN Exposed PadSupplier Device Package24-SQFN (4x4)	Interface	I <sup>2</sup> C, SPI, UART/USART, USB
Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case24-UFQFN Exposed PadSupplier Device Package24-SQFN (4x4)	Number of I/O	14
Mounting TypeSurface MountPackage / Case24-UFQFN Exposed PadSupplier Device Package24-SQFN (4x4)	Voltage - Supply	1.71V ~ 5.5V
Package / Case24-UFQFN Exposed PadSupplier Device Package24-SQFN (4x4)	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 24-SQFN (4x4)	Mounting Type	Surface Mount
	Package / Case	24-UFQFN Exposed Pad
Report errors?	Supplier Device Package	24-SQFN (4x4)
Report chois.		Report errors?

### CYPD2125-24LQXIT 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.

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### CYPD2125-24LQXIT Payment Methods



# CYPD2125-24LQXIT Shipping Methods



If you have any question about CYPD2125-24LQXIT, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com