

# CYPD2119-24LQXI

# CYPD2119-24LQXI Information

	Embedded - Microcontrollers - Application Specific ion IC USB TYPE C 1-PORT 24QFN 24-UFQFN Exposed Pad For the pricing/inventory/lead time, please contact	
For Reference Only	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.



# CYPD2119-24LQXI Specifications

ManufacturerCypress Semiconductor CorpCategoryIntegrated Circuits (ICs)Embedded - Microcontrollers - Application SpecificPackage24-UFQFN Exposed PadSeriesEZ-PD? CCG2ApplicationsUSB Type CCore ProcessorARM? Cortex?-M0Program Memory TypeFLASH (32 KB)Controller Series-RAM Size4K x 8InterfaceI2C, SPI, UART/USART, USBNumber of I/O14Voltage - Supply1.71 V ~ 5.5 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface Mount		
CategoryIntegrated Circuits (ICs)Embedded - Microcontrollers - Application SpecificPackage24-UFQFN Exposed PadSeriesEZ-PD? CCG2ApplicationsUSB Type CCore ProcessorARM? Cortex?-M0Program Memory TypeFLASH (32 KB)Controller Series-RAM Size4K x 8InterfaceI2C, SPI, UART/USART, USBNumber of I/O14Voltage - Supply1.71 V ~ 5.5 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case24-UFQFN Exposed PadSupplier Device Package24-QFN (4x4)	Manufacturer Part Number	CYPD2119-24LQXI
Imbedded - Microcontrollers - Application SpecificPackage24-UFQFN Exposed PadSeriesEZ-PD? CCG2ApplicationsUSB Type CCore ProcessorARM? Cortex?-M0Program Memory TypeFLASH (32 KB)Controller Series-RAM Size4K x 8InterfaceI2C, SPI, UART/USART, USBNumber of I/O14Voltage - Supply.171 V ~ 5.5 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case24-UFQFN Exposed PadSupplier Device Package24-QFN (4x4)	Manufacturer	Cypress Semiconductor Corp
Package24-UFQFN Exposed PadSeriesEZ-PD? CCG2ApplicationsUSB Type CCore ProcessorARM? Cortex?-M0Program Memory TypeFLASH (32 KB)Controller Series-RAM Size4K x 8InterfaceI2C, SPI, UART/USART, USBNumber of I/O14Voltage - Supply1.71 V ~ 5.5 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case24-UFQFN Exposed PadSupplier Device Package24-QFN (4x4)	Category	Integrated Circuits (ICs)
SeriesEZ-PD? CCG2ApplicationsUSB Type CCore ProcessorARM? Cortex?-M0Program Memory TypeFLASH (32 KB)Controller Series-RAM Size4K x 8InterfaceI2C, SPI, UART/USART, USBNumber of I/O14Voltage - Supply1.71 V ~ 5.5 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case24-UFQFN Exposed PadSupplier Device Package24-QFN (4x4)		Embedded - Microcontrollers - Application Specific
ApplicationsUSB Type CCore ProcessorARM? Cortex?-M0Program Memory TypeFLASH (32 KB)Controller Series-RAM Size4K x 8InterfaceI2C, SPI, UART/USART, USBNumber of I/O14Voltage - Supply1.71 V ~ 5.5 VOperating TemperatureSurface MountMounting TypeSurface MountPackage / Case24-UFQFN Exposed PadSupplier Device Package24-QFN (4x4)	Package	24-UFQFN Exposed Pad
Core ProcessorARM? Cortex?-M0Program Memory TypeFLASH (32 KB)Controller Series-RAM Size4K x 8InterfaceI2C, SPI, UART/USART, USBNumber of I/O14Voltage - Supply1.71 V ~ 5.5 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case24-UFQFN Exposed PadSupplier Device Package24-QFN (4x4)	Series	EZ-PD? CCG2
Program Memory TypeFLASH (32 KB)Controller Series-RAM Size4K x 8InterfaceI2C, SPI, UART/USART, USBNumber of I/O14Voltage - Supply1.71 V ~ 5.5 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case24-UFQFN Exposed PadSupplier Device Package24-QFN (4x4)	Applications	USB Type C
Controller Series-RAM Size4K x 8InterfaceI2C, SPI, UART/USART, USBNumber of I/O14Voltage - Supply1.71 V ~ 5.5 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case24-UFQFN Exposed PadSupplier Device Package34-QFN (4x4)	Core Processor	ARM? Cortex?-M0
RAM Size4K x 8InterfaceI2C, SPI, UART/USART, USBNumber of I/O14Voltage - Supply1.71 V ~ 5.5 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case24-UFQFN Exposed PadSupplier Device Package24-QFN (4x4)	Program Memory Type	FLASH (32 KB)
InterfaceI2C, SPI, UART/USART, USBNumber of I/O14Voltage - Supply1.71 V ~ 5.5 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case24-UFQFN Exposed PadSupplier Device Package24-QFN (4x4)	Controller Series	-
Number of I/O14Voltage - Supply1.71 V ~ 5.5 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case24-UFQFN Exposed PadSupplier Device Package24-QFN (4x4)	RAM Size	4K x 8
Voltage - Supply1.71 V ~ 5.5 VOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case24-UFQFN Exposed PadSupplier Device Package24-QFN (4x4)	Interface	I2C, SPI, UART/USART, USB
Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case24-UFQFN Exposed PadSupplier Device Package24-QFN (4x4)	Number of I/O	14
Mounting TypeSurface MountPackage / Case24-UFQFN Exposed PadSupplier Device Package24-QFN (4x4)	Voltage - Supply	1.71 V ~ 5.5 V
Package / Case24-UFQFN Exposed PadSupplier Device Package24-QFN (4x4)	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package24-QFN (4x4)	Mounting Type	Surface Mount
	Package / Case	24-UFQFN Exposed Pad
Report errors?	Supplier Device Package	24-QFN (4x4)
		Report errors?

#### CYPD2119-24LQXI 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.

#### CYPD2119-24LQXI Payment Methods



### CYPD2119-24LQXI Shipping Methods



If you have any question about CYPD2119-24LQXI, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com