

# CY8CLED08-28PVXIT

#### CY8CLED08-28PVXIT Information



#### **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.



### CY8CLED08-28PVXIT Specifications

Manufacturer Part NumberCY8CLED08-28PVXITManufacturerCypress Semiconductor CorpCategoryIntegrated Circuits (ICs)Embedded - Microcontrollers - Application SpecificPackage28-SOIC (0.295", 7.50mm Width)SeriesEZ-Color? CY8CLEDApplicationsHB LED ControllerCore ProcessorM8CPorgram Memory TypeFLASH (16 KB)Controller SeriesSof x 8InterfaceSof x 8Number of I/O24Voltage - Supply3V ~ 5.25 VOperating Temperature40°C ~ 85°CMounting TypeSerSOIC (0.295", 7.50mm Width)Package / Case28-SOIC (0.295", 7.50mm Width)		
CategoryIntegrated Circuits (ICs)Embedded - Microcontrollers - Application SpecificPackage28-SOIC (0.295", 7.50mm Width)SeriesEZ-Color? CY8CLEDApplicationsHB LED ControllerCore ProcessorM8CProgram Memory TypeFLASH (16 KB)Controller SeriesCY8CLEDRAM Size256 x 8InterfaceI2C, SPI, UART/USARTNumber of I/O24Voltage - SupplySurface MountAponting TypeSurface MountPrackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOP	Manufacturer Part Number	CY8CLED08-28PVXIT
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SeriesEZ-Color? CY8CLEDApplicationsHB LED ControllerCore ProcessorM8CProgram Memory TypeFLASH (16 KB)Controller SeriesCY8CLEDRAM Size256 x 8InterfaceI2C, SPI, UART/USARTNumber of I/O24Voltage - Supply3 V ~ 5.25 VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package8-SSOP		Embedded - Microcontrollers - Application Specific
ApplicationsHB LED ControllerCore ProcessorM8CProgram Memory TypeFLASH (16 KB)Controller SeriesCY8CLEDRAM Size256 x 8InterfaceI2C, SPI, UART/USARTNumber of I/O24Yoltage - SupplySV ~ 5.25 VOperating TemperatureSurface MountPackage / CaseSurface MountSupplier Device Package8-SOIC (0.295", 7.50mm Width)	Package	28-SOIC (0.295", 7.50mm Width)
InCore ProcessorM8CProgram Memory TypeFLASH (16 KB)Controller SeriesCY8CLEDRAM Size256 x 8InterfaceI2C, SPI, UART/USARTNumber of I/O24Voltage - Supply3 V ~ 5.25 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SSOP	Series	EZ-Color? CY8CLED
Program Memory TypeFLASH (16 KB)Controller SeriesCY8CLEDRAM Size256 x 8InterfaceI2C, SPI, UART/USARTNumber of I/O24Voltage - Supply3 V ~ 5.25 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SSOP	Applications	HB LED Controller
Controller SeriesCY8CLEDRAM Size256 x 8InterfaceI2C, SPI, UART/USARTNumber of I/O24Voltage - Supply3 V ~ 5.25 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SSOP	Core Processor	M8C
RAM Size256 x 8InterfaceI2C, SPI, UART/USARTNumber of I/O24Voltage - Supply3 V ~ 5.25 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SSOP	Program Memory Type	FLASH (16 KB)
InterfaceI2C, SPI, UART/USARTNumber of I/O24Voltage - Supply3 V ~ 5.25 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SSOP	Controller Series	CY8CLED
Number of I/O24Voltage - Supply3 V ~ 5.25 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SSOP	RAM Size	256 x 8
Voltage - Supply3 V ~ 5.25 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SSOP	Interface	I2C, SPI, UART/USART
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SSOP	Number of I/O	24
Mounting TypeSurface MountPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SSOP	Voltage - Supply	3 V ~ 5.25 V
Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SSOP	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 28-SSOP	Mounting Type	Surface Mount
	Package / Case	28-SOIC (0.295", 7.50mm Width)
Demont enternel	Supplier Device Package	28-SSOP
Report errors?		Report errors?

#### CY8CLED08-28PVXIT 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.

DISCOVER

#### CY8CLED08-28PVXIT Payment Methods



## CY8CLED08-28PVXIT Shipping Methods



If you have any question about CY8CLED08-28PVXIT, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com