

**CY8C29566-24AXIT Information**


For Reference Only

**Part Number** [CY8C29566-24AXIT](#)  
**Manufacturer** Cypress Semiconductor Corp  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 8BIT 32KB FLASH 44TQFP  
**Package** 44-LQFP  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**CY8C29566-24AXIT Specifications**

Manufacturer Part Number	<a href="#">CY8C29566-24AXIT</a>
Manufacturer	Cypress Semiconductor Corp
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	44-LQFP
Series	PSOC?1 CY8C29xxx
Core Processor	M8C
Core Size	8-Bit
Speed	24MHz
Connectivity	I2C, SPI, UART/USART
Peripherals	POR, PWM, WDT
Number of I/O	40
Program Memory Size	32KB (32K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	2K x 8
Voltage - Supply (Vcc/Vdd)	3 V ~ 5.25 V
Data Converters	A/D 4x14b; D/A 4x9b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	44-LQFP
Supplier Device Package	44-TQFP (10x10)

[Report errors?](#)

## CY8C29566-24AXIT 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.

## CY8C29566-24AXIT Payment Methods



## CY8C29566-24AXIT Shipping Methods



If you have any question about CY8C29566-24AXIT, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)