

**CY8C26643-24AI Information**


For Reference Only

**Part Number** [CY8C26643-24AI](#)  
**Manufacturer** Cypress Semiconductor Corp  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 8BIT 16KB 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.


**CY8C26643-24AI Specifications**

Manufacturer Part Number	<a href="#">CY8C26643-24AI</a>
Manufacturer	Cypress Semiconductor Corp
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	44-LQFP
Series	PSOC?1 CY8C26xxx
Core Processor	M8C
Core Size	8-Bit
Speed	24MHz
Connectivity	SPI, UART/USART
Peripherals	LVD, POR, PWM, WDT
Number of I/O	40
Program Memory Size	16KB (16K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	256 x 8
Voltage - Supply (Vcc/Vdd)	3 V ~ 5.25 V
Data Converters	A/D 1x8b, 1x11b, 1x12b; D/A 1x9b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	44-LQFP
Supplier Device Package	44-TQFP (10x10)

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## CY8C26643-24AI 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.

## CY8C26643-24AI Payment Methods



## CY8C26643-24AI Shipping Methods



If you have any question about CY8C26643-24AI, please do not hesitate to contact us!

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