

**CY8C24994-24BVXI Information**


For Reference Only

**Part Number** [CY8C24994-24BVXI](#)  
**Manufacturer** Cypress Semiconductor Corp  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 8BIT 16KB FLASH 100VFBGA  
**Package** 100-VFBGA  
 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.


**CY8C24994-24BVXI Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | <a href="#">CY8C24994-24BVXI</a>   |
| Manufacturer               | Cypress Semiconductor Corp   |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| Package                    | 100-VFBGA  |
| Series                     | PSOC?1 CY8C24xxx   |
| Core Processor             | M8C  |
| Core Size                  | 8-Bit  |
| Speed                      | 24MHz  |
| Connectivity               | I2C, SPI, UART/USART, USB  |
| Peripherals                | POR, PWM, WDT  |
| Number of I/O              | 56   |
| Program Memory Size        | 16KB (16K x 8)   |
| Program Memory Type        | FLASH  |
| EEPROM Size                | -  |
| RAM Size                   | 1K x 8   |
| Voltage - Supply (Vcc/Vdd) | 3 V ~ 5.25 V   |
| Data Converters            | A/D 2x14b; D/A 2x9b  |
| Oscillator Type            | Internal   |
| Operating Temperature      | -40°C ~ 85°C (TA)  |
| Mounting Type              | -  |
| Package / Case             | 100-VFBGA  |
| Supplier Device Package    | 100-VFBGA (6x6)  |
|                            | <a href="#">Report errors?</a>   |

## CY8C24994-24BVXI 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.

## CY8C24994-24BVXI Payment Methods



## CY8C24994-24BVXI Shipping Methods



If you have any question about CY8C24994-24BVXI, please do not hesitate to contact us!

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

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