

**CY8C3866AXA-033 Information**


For Reference Only

**Part Number** [CY8C3866AXA-033](#)  
**Manufacturer** Cypress Semiconductor Corp  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 8BIT 64KB FLASH 100TQFP  
**Package** 100-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.


**CY8C3866AXA-033 Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | <a href="#">CY8C3866AXA-033</a>  |
| Manufacturer               | Cypress Semiconductor Corp   |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| Package                    | 100-LQFP   |
| Series                     | PSOC? 3 CY8C38xx   |
| Core Processor             | 8051   |
| Core Size                  | 8-Bit  |
| Speed                      | 67MHz  |
| Connectivity               | EBI/EMI, I2C, LIN, SPI, UART/USART, USB                                  |
| Peripherals                | CapSense, DMA, POR, PWM, WDT   |
| Number of I/O              | 62   |
| Program Memory Size        | 64KB (64K x 8)   |
| Program Memory Type        | FLASH  |
| EEPROM Size                | 2K x 8   |
| RAM Size                   | 8K x 8   |
| Voltage - Supply (Vcc/Vdd) | 1.71 V ~ 5.5 V   |
| Data Converters            | A/D 2x20b, D/A 4x8b  |
| Oscillator Type            | Internal   |
| Operating Temperature      | -40°C ~ 85°C (TA)  |
| Mounting Type              | -  |
| Package / Case             | 100-LQFP   |
| Supplier Device Package    | 100-TQFP (14x14)   |

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## CY8C3866AXA-033 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.

## CY8C3866AXA-033 Payment Methods



## CY8C3866AXA-033 Shipping Methods



If you have any question about CY8C3866AXA-033, please do not hesitate to contact us!

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

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