

CY8C4146AZI-S445 Information


For Reference Only

Part Number [CY8C4146AZI-S445](#)
Manufacturer Cypress Semiconductor Corp
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT 64KB FLASH 64TQFP
Package 64-LQFP
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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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.


CY8C4146AZI-S445 Specifications

| | |
|----------------------------|--|
| Manufacturer Part Number | CY8C4146AZI-S445 |
| Manufacturer | Cypress Semiconductor Corp |
| Category | Integrated Circuits (ICs) Embedded - Microcontrollers |
| Package | 64-LQFP |
| Series | PSOC® 4 CY8C4100S |
| Core Processor | ARM® Cortex®-M0+ |
| Core Size | 32-Bit |
| Speed | 48MHz |
| Connectivity | I²C, IrDA, LINbus, SPI, UART/USART |
| Peripherals | Brown-out Detect/Reset, CapSense, LCD, POR, PWM, WDT |
| Number of I/O | 54 |
| Program Memory Size | 64KB (64K x 8) |
| Program Memory Type | FLASH |
| EEPROM Size | - |
| RAM Size | 8K x 8 |
| Voltage - Supply (Vcc/Vdd) | 1.71 V ~ 5.5 V |
| Data Converters | A/D 1x10b, 1x12b SAR |
| Oscillator Type | Internal |
| Operating Temperature | -40°C ~ 85°C (TA) |
| Mounting Type | - |
| Package / Case | 64-LQFP |
| Supplier Device Package | 64-TQFP (10x10) |

[Report errors?](#)

CY8C4146AZI-S445 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.

CY8C4146AZI-S445 Payment Methods



CY8C4146AZI-S445 Shipping Methods



If you have any question about CY8C4146AZI-S445, please do not hesitate to contact us!

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