

CY8C4045LQI-S412T Information


For Reference Only

Part Number [CY8C4045LQI-S412T](#)
Manufacturer Cypress Semiconductor Corp
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT 32KB FLASH 32QFN
Package 32-UFQFN Exposed Pad
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: 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.


CY8C4045LQI-S412T Specifications

| | |
|----------------------------|--|
| Manufacturer Part Number | CY8C4045LQI-S412T |
| Manufacturer | Cypress Semiconductor Corp |
| Category | Integrated Circuits (ICs) Embedded - Microcontrollers |
| Package | 32-UFQFN Exposed Pad |
| Series | PSOC? 4 CY8C4000S |
| Core Processor | ARM? Cortex?-M0+ |
| Core Size | 32-Bit |
| Speed | 48MHz |
| Connectivity | I2C, IrDA, LIN, Microwire, SmartCard, SPI, SSP, UART/USART |
| Peripherals | Brown-out Detect/Reset, CapSense, LCD, LVD, POR, PWM, WDT |
| Number of I/O | 27 |
| Program Memory Size | 32KB (32K x 8) |
| Program Memory Type | FLASH |
| EEPROM Size | - |
| RAM Size | 4K x 8 |
| Voltage - Supply (Vcc/Vdd) | 1.71 V ~ 5.5 V |
| Data Converters | A/D 1x10b |
| Oscillator Type | Internal |
| Operating Temperature | -40°C ~ 85°C (TA) |
| Mounting Type | - |
| Package / Case | 32-UFQFN Exposed Pad |
| Supplier Device Package | 32-QFN (5x5) |

[Report errors?](#)

CY8C4045LQI-S412T 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.

CY8C4045LQI-S412T Payment Methods



CY8C4045LQI-S412T Shipping Methods



If you have any question about CY8C4045LQI-S412T, please do not hesitate to contact us!

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