

**CY8C4248LQI-BL553 Information**


For Reference Only

**Part Number** [CY8C4248LQI-BL553](#)  
**Manufacturer** Cypress Semiconductor Corp  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 32BIT 256KB FLASH OFN  
**Package** 56-UFQFN Exposed Pad  
 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.


**CY8C4248LQI-BL553 Specifications**

Manufacturer Part Number	<a href="#">CY8C4248LQI-BL553</a>
Manufacturer	Cypress Semiconductor Corp
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	56-UFQFN Exposed Pad
Series	PSOC® 4 CY8C4xx8 BLE
Core Processor	ARM® Cortex®-M0
Core Size	32-Bit
Speed	48MHz
Connectivity	I²C, IrDA, LINbus, Microwire, SmartCard, SPI, SSP, UART/USART
Peripherals	Bluetooth, Brown-out Detect/Reset, Cap Sense, DMA LCD, LVD, POR, PWM, SmartCard, SmartSense, WDT
Number of I/O	36
Program Memory Size	256KB (256K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	32K x 8
Voltage - Supply (Vcc /Vdd)	1.71V ~ 5.5V
Data Converters	A/D 16x12b SAR; D/A 2xIDAC
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	Surface Mount
Package / Case	56-UFQFN Exposed Pad

### CY8C4248LQI-BL553 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.

### CY8C4248LQI-BL553 Payment Methods



### CY8C4248LQI-BL553 Shipping Methods



If you have any question about CY8C4248LQI-BL553, please do not hesitate to contact us!

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