

CY8C5248AXI-047T Information


For Reference Only

Part Number [CY8C5248AXI-047T](#)
Manufacturer Cypress Semiconductor Corp
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT 256KB FLASH 100TQFP
Package 100-LQFP
 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.


CY8C5248AXI-047T Specifications

Manufacturer Part Number	CY8C5248AXI-047T
Manufacturer	Cypress Semiconductor Corp
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	100-LQFP
Series	PSOC? 5 CY8C52
Core Processor	ARM? Cortex?-M3
Core Size	32-Bit
Speed	40MHz
Connectivity	I2C, LIN, SPI, UART/USART, USB
Peripherals	CapSense, DMA, LCD, POR, PWM, WDT
Number of I/O	60
Program Memory Size	256KB (256K x 8)
Program Memory Type	FLASH
EEPROM Size	2K x 8
RAM Size	64K x 8
Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Data Converters	A/D 1x12b, D/A 1x8b
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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CY8C5248AXI-047T 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.

CY8C5248AXI-047T Payment Methods



CY8C5248AXI-047T Shipping Methods



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