



#### **CG8000AA Information**



For Reference Only

Part Number CG8000AA

Manufacturer Cypress Semiconductor Corp

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

**Description** IC MCU 32BIT 32KB FLASH 44TQFP

Package 44-LQFF

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.









## **CG8000AA Specifications**

Manufacturer Part Number	CG8000AA	
Manufacturer	Cypress Semiconductor Corp	
Category	Integrated Circuits (ICs)	
	Embedded - Microcontrollers	
Package	44-LQFP	
Series	PSOC® 4 CY8C42xx	
Core Processor	ARM® Cortex®-M0	
Core Size	32-Bit	
Speed	48MHz	
Connectivity	I <sup>2</sup> C, IrDA, LINbus, Microwire, SmartCard, SPI, SSP, UART/USART	
Peripherals	Brown-out Detect/Reset, CapSense, LCD, LVD, POR, PWM, WDT	
Number of I/O	36	
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 8x12b	
Oscillator Type	Internal	
Operating Temperature	-40°C ~ 85°C	
Mounting Type	-	
Package / Case	44-LQFP	
Supplier Device Package	44-TQFP (10x10)	
		Report errors?

## **CG8000AA 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.

## **CG8000AA Payment Methods**









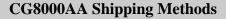
























If you have any question about CG8000AA, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com