

**CY9AFB42NBBGL-GE1 Information**


For Reference Only

**Part Number** [CY9AFB42NBBGL-GE1](#)  
**Manufacturer** Cypress Semiconductor Corp  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 32BIT 160KB FLASH 112BGA  
**Package** 112-LFBGA  
 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.


**CY9AFB42NBBGL-GE1 Specifications**

Manufacturer Part Number	<a href="#">CY9AFB42NBBGL-GE1</a>
Manufacturer	Cypress Semiconductor Corp
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	112-LFBGA
Series	FM3 MB9AB40NB
Core Processor	ARM® Cortex®-M3
Core Size	32-Bit
Speed	40MHz
Connectivity	CSIO, EBI/EMI, I <sup>2</sup> C, UART/USART, USB
Peripherals	DMA, LCD, LVD, POR, PWM, WDT
Number of I/O	83
Program Memory Size	160KB (160K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	16K x 8
Voltage - Supply (Vcc/Vdd)	1.65V ~ 3.6V
Data Converters	A/D 24x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	Surface Mount
Package / Case	112-LFBGA
Supplier Device Package	112-PFBGA (10x10)

[Report errors?](#)

## CY9AFB42NBBGL-GE1 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.

## CY9AFB42NBBGL-GE1 Payment Methods



## CY9AFB42NBBGL-GE1 Shipping Methods



If you have any question about CY9AFB42NBBGL-GE1, please do not hesitate to contact us!

Website: <https://www.heisener.com>

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