

MB9BF516NBGL-GE1 Information


For Reference Only

Part Number [MB9BF516NBGL-GE1](#)
Manufacturer Cypress Semiconductor Corp
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT 512KB FLASH 112BGA
Package 112-LFBGA
 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.


MB9BF516NBGL-GE1 Specifications

Manufacturer Part Number	MB9BF516NBGL-GE1
Manufacturer	Cypress Semiconductor Corp
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	112-LFBGA
Series	FM3 MB9B510R
Core Processor	ARM? Cortex?-M3
Core Size	32-Bit
Speed	144MHz
Connectivity	CAN, CSIO, EBI/EMI, I2C, LIN, UART/USART, USB
Peripherals	DMA, LVD, POR, PWM, WDT
Number of I/O	83
Program Memory Size	512KB (512K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	64K x 8
Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Data Converters	A/D 16x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	112-LFBGA
Supplier Device Package	112-PFBGA (10x10)

[Report errors?](#)

MB9BF516NBGL-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.

MB9BF516NBGL-GE1 Payment Methods



MB9BF516NBGL-GE1 Shipping Methods



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