

CY9BF516NBGL-GE1 Information


For Reference Only

Part Number [CY9BF516NBGL-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


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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.


CY9BF516NBGL-GE1 Specifications

| | |
|----------------------------|--|
| Manufacturer Part Number | CY9BF516NBGL-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 | CANbus, CSIO, EBI/EMI, I ² C, LINbus, 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) | 2.7V ~ 5.5V |
| Data Converters | A/D 16x12b |
| 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?](#)

CY9BF516NBGL-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.

CY9BF516NBGL-GE1 Payment Methods



CY9BF516NBGL-GE1 Shipping Methods



If you have any question about CY9BF516NBGL-GE1, please do not hesitate to contact us!

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