

**MB9BF617SPMC-GK7E1 Information**


For Reference Only

**Part Number** [MB9BF617SPMC-GK7E1](#)  
**Manufacturer** Cypress Semiconductor Corp  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 32BIT 768KB FLASH 144LQFP  
**Package** 144-LQFP  
 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.


**MB9BF617SPMC-GK7E1 Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | <a href="#">MB9BF617SPMC-GK7E1</a>                                       |
| Manufacturer               | Cypress Semiconductor Corp   |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| Package                    | 144-LQFP   |
| Series                     | FM3 MB9B610T   |
| Core Processor             | ARM? Cortex?-M3  |
| Core Size                  | 32-Bit   |
| Speed                      | 144MHz   |
| Connectivity               | CSIO, EBI/EMI, Ethernet, I2C, LIN, SD, UART/USART, USB                   |
| Peripherals                | DMA, LVD, POR, PWM, WDT  |
| Number of I/O              | 122  |
| Program Memory Size        | 768KB (768K x 8)   |
| Program Memory Type        | FLASH  |
| EEPROM Size                | -  |
| RAM Size                   | 96K x 8  |
| Voltage - Supply (Vcc/Vdd) | 2.7 V ~ 5.5 V  |
| Data Converters            | A/D 24x12b   |
| Oscillator Type            | Internal   |
| Operating Temperature      | -40°C ~ 85°C (TA)  |
| Mounting Type              | -  |
| Package / Case             | 144-LQFP   |
| Supplier Device Package    | 144-LQFP (20x20)   |

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## MB9BF617SPMC-GK7E1 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.

## MB9BF617SPMC-GK7E1 Payment Methods



## MB9BF617SPMC-GK7E1 Shipping Methods



If you have any question about MB9BF617SPMC-GK7E1, please do not hesitate to contact us!

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

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