

MB9BF516SPMC-GK7E1 Information


For Reference Only

Part Number [MB9BF516SPMC-GK7E1](#)
Manufacturer Cypress Semiconductor Corp
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT 512KB FLASH 144LQFP
Package 144-LQFP
 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.


MB9BF516SPMC-GK7E1 Specifications

| | |
|----------------------------|--|
| Manufacturer Part Number | MB9BF516SPMC-GK7E1 |
| Manufacturer | Cypress Semiconductor Corp |
| Category | Integrated Circuits (ICs) Embedded - Microcontrollers |
| Package | 144-LQFP |
| Series | FM3 MB9B510T |
| 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 | 122 |
| 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 24x12b |
| Oscillator Type | Internal |
| Operating Temperature | -40°C ~ 85°C (TA) |
| Mounting Type | - |
| Package / Case | 144-LQFP |
| Supplier Device Package | 144-LQFP (20x20) |

[Report errors?](#)

MB9BF516SPMC-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.

MB9BF516SPMC-GK7E1 Payment Methods



MB9BF516SPMC-GK7E1 Shipping Methods



If you have any question about MB9BF516SPMC-GK7E1, please do not hesitate to contact us!

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