

**MB89P165-103PFV-G Information**


For Reference Only

**Part Number** MB89P165-103PFV-G  
**Manufacturer** Cypress Semiconductor Corp  
**Category** Integrated Circuits (ICs)  
     Embedded - Microcontrollers  
**Description** IC MCU 8BIT 16KB OTP 80LQFP  
**Package** 80-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.


**MB89P165-103PFV-G Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | MB89P165-103PFV-G  |
| Manufacturer               | Cypress Semiconductor Corp                               |
| Category                   | Integrated Circuits (ICs)<br>Embedded - Microcontrollers |
| Package                    | 80-LQFP  |
| Series                     | F2MC-8L MB89160  |
| Core Processor             | F2MC-8L  |
| Core Size                  | 8-Bit  |
| Speed                      | 4.2MHz   |
| Connectivity               | Serial I/O   |
| Peripherals                | LCD, POR, PWM, WDT                                       |
| Number of I/O              | 54   |
| Program Memory Size        | 16KB (16K x 8)   |
| Program Memory Type        | OTP  |
| EEPROM Size                | -  |
| RAM Size                   | 512 x 8  |
| Voltage - Supply (Vcc/Vdd) | 2.2 V ~ 6 V  |
| Data Converters            | A/D 8x8b   |
| Oscillator Type            | External   |
| Operating Temperature      | -40°C ~ 85°C (TA)  |
| Mounting Type              | -  |
| Package / Case             | 80-LQFP  |
| Supplier Device Package    | 80-LQFP (12x12)  |

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## MB89P165-103PFV-G 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.

## MB89P165-103PFV-G Payment Methods



## MB89P165-103PFV-G Shipping Methods



If you have any question about MB89P165-103PFV-G, please do not hesitate to contact us!

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