

**MB90F598PFR-GE1 Information**


For Reference Only

**Part Number** [MB90F598PFR-GE1](#)  
**Manufacturer** Cypress Semiconductor Corp  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 16BIT 128KB FLASH 100QFP  
**Package** 100-BQFP  
 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.


**MB90F598PFR-GE1 Specifications**

|                                |  |
|--------------------------------|--|
| Manufacturer Part Number       | <a href="#">MB90F598PFR-GE1</a>  |
| Manufacturer                   | Cypress Semiconductor Corp   |
| Category                       | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| Package                        | 100-BQFP   |
| Series                         | F <sup>2</sup> MC-16LX MB90595   |
| Core Processor                 | F <sup>2</sup> MC-16LX   |
| Core Size                      | 16-Bit   |
| Speed                          | 16MHz  |
| Connectivity                   | CANbus, EBI/EMI, SCI, Serial I/O, UART/USART                             |
| Peripherals                    | POR, PWM, WDT  |
| Number of I/O                  | 78   |
| Program Memory Size            | 128KB (128K x 8)   |
| Program Memory Type            | FLASH  |
| EEPROM Size                    | -  |
| RAM Size                       | 4K x 8   |
| Voltage - Supply (Vcc/Vdd)     | 3 V ~ 5.5 V  |
| Data Converters                | A/D 8x8/10b  |
| Oscillator Type                | External   |
| Operating Temperature          | -40°C ~ 85°C (TA)  |
| Mounting Type                  | -  |
| Package / Case                 | 100-BQFP   |
| Supplier Device Package        | 100-QFP (14x20)  |
| <a href="#">Report errors?</a> |  |

## MB90F598PFR-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.

## MB90F598PFR-GE1 Payment Methods



## MB90F598PFR-GE1 Shipping Methods



If you have any question about MB90F598PFR-GE1, please do not hesitate to contact us!

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

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