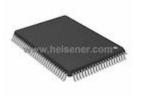




### MB90F543PFR-G-B Information



For Reference Only

Part Number MB90F543PFR-G-B

Manufacturer Cypress Semiconductor Corp

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

**Description** IC MCU 16BIT 128KB FLASH 100QFP

Package 100-BQFF

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: 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.









# MB90F543PFR-G-B Specifications

| Manufacturer               | Cypress Semiconductor Corp                                 |
|----------------------------|--|
| Category                   | Integrated Circuits (ICs)                                  |
|                            | Embedded - Microcontrollers                                |
| Package                    | 100-BQFP   |
| Series                     | F2MC-16LX MB90540  |
| Core Processor             | F2MC-16LX  |
| Core Size                  | 16-Bit   |
| Speed                      | 16MHz  |
| Connectivity               | CAN, EBI/EMI, SCI, Serial I/O, UART/USART                  |
| Peripherals                | POR, WDT   |
| Number of I/O              | 81   |
| Program Memory Size        | 128KB (128K x 8)   |
| Program Memory Type        | FLASH  |
| EEPROM Size                | -  |
| RAM Size                   | 6K x 8   |
| Voltage - Supply (Vcc/Vdd) | 4.5 V ~ 5.5 V  |
| Data Converters            | A/D 8x8/10b  |
| Oscillator Type            | External   |
| Operating Temperature      | $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$ |
| Mounting Type              | -  |
| Package / Case             | 100-BQFP   |
| Supplier Device Package    | 100-QFP (14x20)  |
|                            | Report errors?   |

#### MB90F543PFR-G-B 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.

### MB90F543PFR-G-B Payment Methods





















## MB90F543PFR-G-B Shipping Methods













If you have any question about MB90F543PFR-G-B, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com