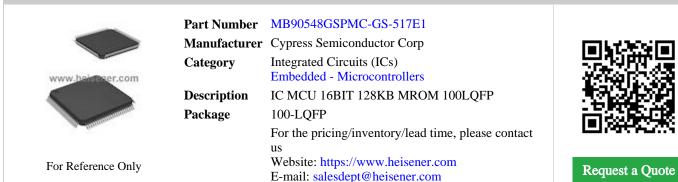


# MB90548GSPMC-GS-517E1

### MB90548GSPMC-GS-517E1 Information



# **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.



# MB90548GSPMC-GS-517E1 Specifications

| Manufacturer Part Number   | MB90548GSPMC-GS-517E1                     |
|----------------------------|---|
| Manufacturer               | Cypress Semiconductor Corp                |
| Category                   | Integrated Circuits (ICs)                 |
|                            | Embedded - Microcontrollers               |
| Package                    | 100-LQFP                                  |
| Series                     | F2MC-16LX MB90545G                        |
| 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        | Mask ROM                                  |
| EEPROM Size                | -   |
| RAM Size                   | 4K x 8                                    |
| Voltage - Supply (Vcc/Vdd) | 3.5 V ~ 5.5 V                             |
| Data Converters            | A/D 8x8/10b                               |
| Oscillator Type            | External                                  |
| Operating Temperature      | -40°C ~ 105°C (TA)                        |
| Mounting Type              | -   |
| Package / Case             | 100-LQFP                                  |
| Supplier Device Package    | 100-LQFP (14x14)                          |
|                            | Report errors?                            |

## MB90548GSPMC-GS-517E1 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.

#### MB90548GSPMC-GS-517E1 Payment Methods



If you have any question about MB90548GSPMC-GS-517E1, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com