

MB90F546GSPQCR-GE2



**Part Number:** MB90F546GSPQCR-GE2

**Manufacturer:** Cypress Semiconductor

**Description:** IC MCU 16BIT 256KB FLASH 100QFP

**Data sheet:**

**RoHs Status:** Lead free / RoHS Compliant

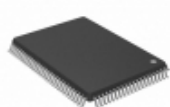
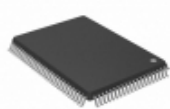
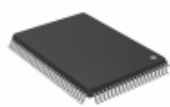
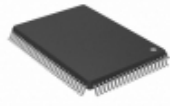
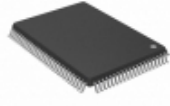
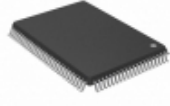
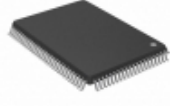
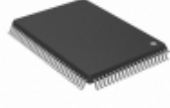
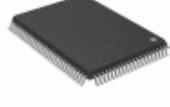
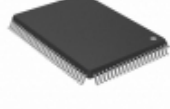
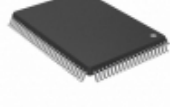
**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                          |                                 |                                |                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|--------------------------------|------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                | MB90F546GSPQCR-GE2              | Manufacturer                   | Cypress Semiconductor                                                                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                | IC MCU 16BIT 256KB FLASH 100QFP | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                         | 3829 pcs                        | Data sheet                     |                                                                                                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                   | Integrated Circuits (ICs)       | Voltage - Supply (Vcc/Vdd)     | 4.5 V ~ 5.5 V                                                                                        |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                    | 100-PQFP (20x14)                | Speed                          | 16MHz                                                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                     | F*MC-16LX MB90545G              | RAM Size                       | 8K x 8                                                                                               |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                        | FLASH                           | Program Memory Size            | 256KB (256K x 8)                                                                                     |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                | POR, WDT                        | Packaging                      | Tray                                                                                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                             | 100-BQFP                        | Oscillator Type                | External                                                                                             |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 105°C (TA)              | Number of I/O                  | 81                                                                                                   |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                           | 3 (168 Hours)                   | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                           |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                | -                               | Detailed Description           | F*MC-16LX F*MC-16LX MB90545G Microcontroller IC 16-Bit 16MHz 256KB (256K x 8) FLASH 100-PQFP (20x14) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                            | A/D 8x8/10b                     | Core Size                      | 16-Bit                                                                                               |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                             | F*MC-16LX                       | Connectivity                   | CANbus, EBI/EMI, SCI, Serial I/O, UART/USART                                                         |
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| RELATED PRODUCTS                                                                   |                                                                               |                                      |     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------------|-----|
|  | Part#: MB90F546GSPFR-GE1<br>Description: IC MCU 16BIT                         | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F546GSPMC-G<br>Description: IC MCU 16BIT 256KB FLASH 100LQFP       | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F548GHDSPFR-G-ER<br>Description: IC MCU 16BIT 128KB FLASH 100QFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F548GHDSPF-G<br>Description: IC MCU 16BIT 128KB FLASH 100QFP       | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F546GSPQCR-G-FLE2<br>Description: IC MCU 16BIT 256KB FLASH 100QFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F546GSPQCR-G-EFE2<br>Description: IC MCU 16BIT 256KB FLASH 100QFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F548GLSPF-GSE1<br>Description: IC MCU 16BIT 128KB FLASH 100QFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F548GHDSPQC-GE2<br>Description: IC MCU 16BIT 128KB FLASH 100QFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F546GSPMC-GE1<br>Description: IC MCU 16BIT 256KB FLASH 100LQFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F546GSPQCR-G-GLFE2<br>Description: IC MCU 16BIT 256KB FLASH 100QFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F546GSPFR-G-ER<br>Description: IC MCU 16BIT 256KB FLASH 100QFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F546GSPQC-GE2<br>Description: IC MCU 16BIT 256KB FLASH 100QFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F548GLSPF-GS<br>Description: IC MCU 16BIT 128KB FLASH 100QFP       | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F548GLSPF-G<br>Description: IC MCU 16BIT 128KB FLASH 100QFP        | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F548GHDSPFR-G<br>Description: IC MCU 16BIT 128KB FLASH 100QFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F548GLSPFV-GE1<br>Description: IC MCU 16BIT 128KB FLASH 100LQFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F548GHDSPQC-G-ERE2<br>Description: IC MCU 16BIT 128KB FLASH 100QFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F548GLSPF-GE1<br>Description: IC MCU 16BIT 128KB FLASH 100QFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F546GSPFR-G-EF<br>Description: IC MCU 16BIT 256KB FLASH 100QFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F546GSPMC-G-FL<br>Description: IC MCU 16BIT 256KB FLASH 100LQFP    | Manufacturers: Cypress Semiconductor | RFQ |

Related keywords for MB90F546GSPQCR-GE2

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