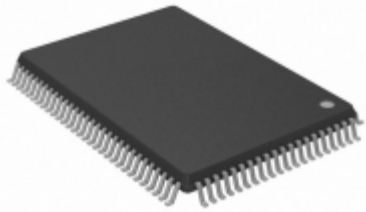


MB90F548GPF-G-FLE1



Images are for reference only.  
See Product Specifications for product details.  
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**Part Number:** [MB90F548GPF-G-FLE1](#)

**Manufacturer:** [Cypress Semiconductor](#)

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

**Data sheet:**  [MB90540G,545G Series](#)

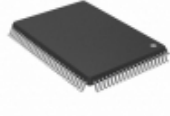
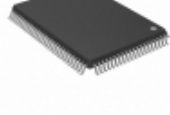
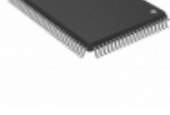
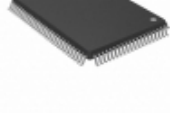
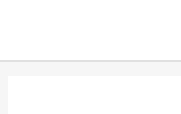
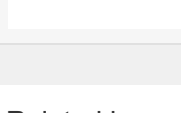
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                |                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                               | MB90F548GPF-G-FLE1                        | Manufacturer                   | <a href="#">Cypress Semiconductor</a>                                                                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 16BIT 128KB FLASH 100QFP           | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5917 pcs                                  | Data sheet                     | <a href="#">MB90540G,545G Series</a>                                                                                           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 4.5 V ~ 5.5 V                                                                                                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 100-PQFP (20x14)                          | Speed                          | 16MHz                                                                                                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | F <sup>3</sup> MC-16LX MB90545G           | RAM Size                       | 4K x 8                                                                                                                         |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                       | FLASH                                     | Program Memory Size            | 128KB (128K 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 <sup>3</sup> MC-16LX F <sup>3</sup> MC-16LX MB90545G Microcontroller IC 16-Bit 16MHz 128KB (128K x 8) FLASH 100-PQFP (20x14) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A/D 8x8/10b                               | Core Size                      | 16-Bit                                                                                                                         |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                            | F <sup>3</sup> MC-16LX                    | Connectivity                   | CANbus, EBI/EMI, SCI, Serial I/O, UART/USART                                                                                   |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Cypress Semiconductor series electronic components. We have 5917 pieces of Cypress Semiconductor MB90F548GPF-G-FLE1 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                |                                                                                                                                |

| RELATED PRODUCTS                                                                   |                                                                                              |                                                      |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------------------------|---------------------|
|  | Part#: <a href="#">MB90F548GPF-R-GS</a><br>Description: IC MCU 16BIT 128KB FLASH 100QFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F548GPFV-G</a><br>Description: IC MCU 16BIT 128KB FLASH 100LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F548GPFV-GE1</a><br>Description: IC MCU 16BIT 128KB FLASH 100LQFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F548GPF-G</a><br>Description: IC MCU 16BIT 128KB FLASH 100QFP         | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F548GLSPMC-GSE1</a><br>Description: IC MCU 16BIT 128KB FLASH 100LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F548GLSPFV-GE1</a><br>Description: IC MCU 16BIT 128KB FLASH 100LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F548GPMC-GE1</a><br>Description: IC MCU 16BIT 128KB FLASH 100LQFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F548GLSPFV-GSE1</a><br>Description: IC MCU 16BIT 128KB FLASH 100LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F548GLSPF-GE1</a><br>Description: IC MCU 16BIT 128KB FLASH 100QFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F548GPF-R-G</a><br>Description: IC MCU 16BIT 128KB FLASH 100QFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F548GSPF-R-G</a><br>Description: IC MCU 16BIT 128KB FLASH 100QFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F548GLSPMC-GS</a><br>Description: IC MCU 16BIT 128KB FLASH 100LQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F548GLSPMC3-GSE1</a><br>Description: IC MCU 16BIT 128KB FLASH 100LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F548GPFV-GS</a><br>Description: IC MCU 16BIT 128KB FLASH 100LQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F548GSPF-G</a><br>Description: IC MCU 16BIT 128KB FLASH 100QFP        | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F548GLSPF-GS</a><br>Description: IC MCU 16BIT 128KB FLASH 100QFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F548GPF-R-GSE1</a><br>Description: IC MCU 16BIT 128KB FLASH 100QFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F548GLSPF-GSE1</a><br>Description: IC MCU 16BIT 128KB FLASH 100QFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F548GPFV-GSE1</a><br>Description: IC MCU 16BIT 128KB FLASH 100LQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F548GLSPMC-G</a><br>Description: IC MCU 16BIT 128KB FLASH 100LQFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |

|                                          |                                               |                             |                          |
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| MB90F548GPF-G-FLE1 download datasheet    | MB90F548GPF-G-FLE1 datasheet                  | MB90F548GPF-G-FLE1 stock    | buy MB90F548GPF-G-FLE1   |
| Cypress Semiconductor MB90F548GPF-G-FLE1 | Cypress Semiconductor Corp MB90F548GPF-G-FLE1 |                             |                          |