

MB90548GPFR-G-172-BND



Part Number:

MB90548GPFR-G-172-BND

Manufacturer:

Cypress Semiconductor

Description:

IC MCU 16BIT 128KB MROM 100QFP

Data sheet:

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

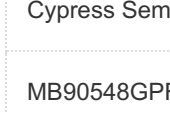
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                             |                                |                                |                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                   | MB90548GPFR-G-172-BND          | Manufacturer                   | Cypress Semiconductor                                                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                   | IC MCU 16BIT 128KB MROM 100QFP | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                            | 5659 pcs                       | Data sheet                     |                                                                                                         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                      | Integrated Circuits (ICs)      | Voltage - Supply (Vcc/Vdd)     | 3.5 V ~ 5.5 V                                                                                           |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                       | 100-PQFP (20x14)               | Speed                          | 16MHz                                                                                                   |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                        | F*MC-16LX MB90545G             | RAM Size                       | 4K x 8                                                                                                  |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                           | Mask ROM                       | 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*MC-16LX F*MC-16LX MB90545G Microcontroller IC 16-Bit 16MHz 128KB (128K x 8) Mask ROM 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#: MB90548GPF-G-330<br>Description: IC MCU 16BIT 128KB MROM 100QFP         | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90548GPFR-G-251-BND<br>Description: IC MCU 16BIT 128KB MROM 100QFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90548GPFR-G-257-BND<br>Description: IC MCU 16BIT 128KB MROM 100QFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90548GPF-GS-424<br>Description: IC MCU 16BIT 128KB MROM 100QFP        | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90548GPFR-G-176-BND<br>Description: IC MCU 16BIT 128KB MROM 100QFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90548GHDSPQR-G-420ERE2<br>Description: IC MCU 16BIT 128KB MROM 100QFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90548GPF-G-121-BND<br>Description: IC MCU 16BIT 128KB MROM 100QFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90548GHDSPQR-G-460ERE2<br>Description: IC MCU 16BIT 128KB MROM 100QFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90548GPFR-G-330<br>Description: IC MCU 16BIT 128KB MROM 100QFP        | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90548GPFR-G-294-BND<br>Description: IC MCU 16BIT 128KB MROM 100QFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90548GPFR-G-176-BNDE1<br>Description: IC MCU 16BIT 128KB MROM 100QFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90548GPF-GS-424E1<br>Description: IC MCU 16BIT 128KB MROM 100QFP      | Manufacturers: Cypress Semiconductor | RFQ |
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|  | Part#: MB90548GPF-GS-516<br>Description: IC MCU 16BIT 128KB MROM 100QFP        | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90548GPF-GS-330<br>Description: IC MCU 16BIT 128KB MROM 100QFP        | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90548GPFR-G-209-BND<br>Description: IC MCU 16BIT 128KB MROM 100QFP    | Manufacturers: Cypress Semiconductor | RFQ |
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|  | Part#: MB90548GPFR-G-225-BND<br>Description: IC MCU 16BIT 128KB MROM 100QFP    | Manufacturers: Cypress Semiconductor | RFQ |
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|                                             |                                                  |                                |                             |
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| Related keywords for MB90548GPFR-G-172-BND  |                                                  |                                |                             |
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