



Cypress Semiconductor



Image may be representation. See specifications for product details.

### MB90548GPF-GS-424E1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90548GPF-GS-424E1                                                                                          |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 128KB MROM 100QFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6580 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

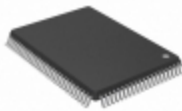
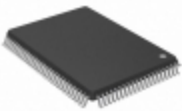
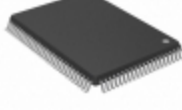
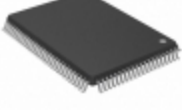
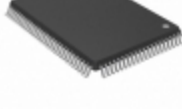
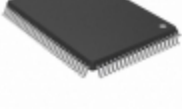
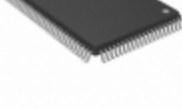
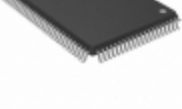
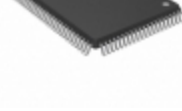
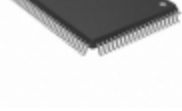
#### Specifications of MB90548GPF-GS-424E1

|                                  |                                                                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90548GPF-GS-424E1                                                                                                               |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                             |
| DESCRIPTION                      | IC MCU 16BIT 128KB MROM 100QFP                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                        |
| QUANTITY AVAILABLE               | 6580 pcs                                                                                                                          |
| DATA SHEET                       |                                                                                                                                   |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.5 V ~ 5.5 V                                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 100-PQFP (20x14)                                                                                                                  |
| SPEED                            | 16MHz                                                                                                                             |
| SERIES                           | F <sup>2</sup> 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 <sup>2</sup> MC-16LX F <sup>2</sup> 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 <sup>2</sup> MC-16LX                                                                                                            |
| CONNECTIVITY                     | CANbus, EBI/EMI, SCI, Serial I/O, UART/USART                                                                                      |

#### Related Tags

|                                           |                                                |                                               |
|-------------------------------------------|------------------------------------------------|-----------------------------------------------|
| Cypress Semiconductor MB90548GPF-GS-424E1 | MB90548GPF-GS-424E1 Distributor                | MB90548GPF-GS-424E1 Supplier                  |
| MB90548GPF-GS-424E1 Price                 | MB90548GPF-GS-424E1 Pictures                   | MB90548GPF-GS-424E1 Image                     |
| MB90548GPF-GS-424E1 PDF Datasheet         | MB90548GPF-GS-424E1 Download Datasheet         | MB90548GPF-GS-424E1 Datasheet                 |
| MB90548GPF-GS-424E1 Stock                 | Buy MB90548GPF-GS-424E1                        | Buy Cypress Semiconductor MB90548GPF-GS-424E1 |
| Cypress Semiconductor MB90548GPF-GS-424E1 | Cypress Semiconductor Supplier                 | Cypress Semiconductor Distributor             |
| Cypress Semiconductor MB90548GPF-GS-424E1 | Cypress Semiconductor Corp MB90548GPF-GS-424E1 |                                               |

#### Related Products

|                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                        |
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|  <div><b>MB90548GPF-GS-330</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 5580 pcs<br/><a href="#">RFQ</a></div>     |  <div><b>MB90548GPFR-G-172-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 6675 pcs<br/><a href="#">RFQ</a></div>    |
|  <div><b>MB90548GPFR-G-209-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 5807 pcs<br/><a href="#">RFQ</a></div> |  <div><b>MB90548GPFR-G-176-BNDE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 3673 pcs<br/><a href="#">RFQ</a></div>  |
|  <div><b>MB90548GPFR-G-176-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 6772 pcs<br/><a href="#">RFQ</a></div> |  <div><b>MB90548GPF-GS-516</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 5587 pcs<br/><a href="#">RFQ</a></div>        |
|  <div><b>MB90548GPF-GS-424</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 6274 pcs<br/><a href="#">RFQ</a></div>     |  <div><b>MB90548GPF-G-330</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 7175 pcs<br/><a href="#">RFQ</a></div>         |
|  <div><b>MB90548GPFR-G-192-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 7082 pcs<br/><a href="#">RFQ</a></div> |  <div><b>MB90548GHDSPQR-G-494ERE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 2731 pcs<br/><a href="#">RFQ</a></div> |
|  <div><b>MB90548GPF-G-121-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 6571 pcs<br/><a href="#">RFQ</a></div>  |  <div><b>MB90548GHDSPQR-G-460ERE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 4051 pcs<br/><a href="#">RFQ</a></div> |