

CYPRESS  
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Cypress Semiconductor



Image may be representation. See specifications for product details.

### MB90548GPFV-GS-426

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90548GPFV-GS-426                                                                                           |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 128KB MROM 100LQFP                                                                              |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6243 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

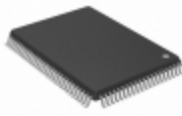
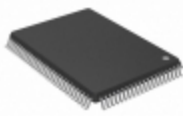
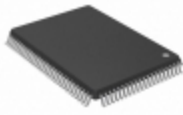
#### Specifications of MB90548GPFV-GS-426

|                                  |                                                                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90548GPFV-GS-426                                                                                                                |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                             |
| DESCRIPTION                      | IC MCU 16BIT 128KB MROM 100LQFP                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                        |
| QUANTITY AVAILABLE               | 6243 pcs                                                                                                                          |
| DATA SHEET                       |                                                                                                                                   |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.5 V ~ 5.5 V                                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                                                                  |
| 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-LQFP                                                                                                                          |
| 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-LQFP (14x14) |
| 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 MB90548GPFV-GS-426 | MB90548GPFV-GS-426 Distributor                | MB90548GPFV-GS-426 Supplier                  |
| MB90548GPFV-GS-426 Price                 | MB90548GPFV-GS-426 Pictures                   | MB90548GPFV-GS-426 Image                     |
| MB90548GPFV-GS-426 PDF Datasheet         | MB90548GPFV-GS-426 Download Datasheet         | MB90548GPFV-GS-426 Datasheet                 |
| MB90548GPFV-GS-426 Stock                 | Buy MB90548GPFV-GS-426                        | Buy Cypress Semiconductor MB90548GPFV-GS-426 |
| Cypress Semiconductor MB90548GPFV-GS-426 | Cypress Semiconductor Supplier                | Cypress Semiconductor Distributor            |
| Cypress Semiconductor MB90548GPFV-GS-426 | Cypress Semiconductor Corp MB90548GPFV-GS-426 |                                              |

#### Related Products

|                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                       |
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|  <div><b>MB90548GSPF-G-136-BNDE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 6849 pcs<br/>RFQ</div>   |  <div><b>MB90548GPFV-G-282E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 4043 pcs<br/>RFQ</div>    |
|  <div><b>MB90548GPFV-G-238-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 6833 pcs<br/>RFQ</div>    |  <div><b>MB90548GPMC-GS-401E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 4480 pcs<br/>RFQ</div>   |
|  <div><b>MB90548GPFV-G-237-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 6958 pcs<br/>RFQ</div>    |  <div><b>MB90548GPFV-GS-425</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 6129 pcs<br/>RFQ</div>     |
|  <div><b>MB90548GPMC-GS-299-BNDE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 3006 pcs<br/>RFQ</div> |  <div><b>MB90548GPFV-GS-449E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 4908 pcs<br/>RFQ</div>   |
|  <div><b>MB90548GPFV-G-281E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 4660 pcs<br/>RFQ</div>      |  <div><b>MB90548GSPF-G-160-BNDE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 3870 pcs<br/>RFQ</div> |
|  <div><b>MB90548GPFV-G-282</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 6743 pcs<br/>RFQ</div>        |  <div><b>MB90548GSPF-G-160-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 5567 pcs<br/>RFQ</div>   |