



Cypress Semiconductor

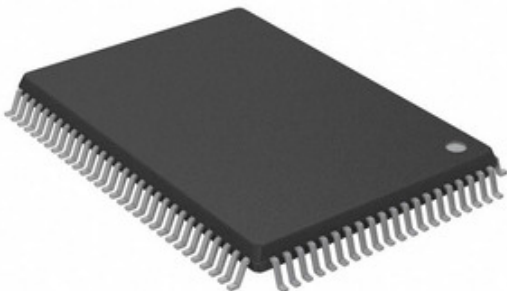


Image may be representation. See specifications for product details.

MB90F548GSPFR-G-ER

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90F548GSPFR-G-ER                                                                                           |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 128KB FLASH 100QFP                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5463 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

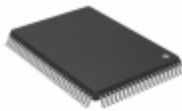
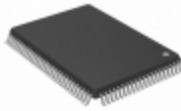
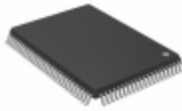
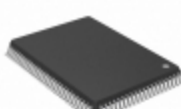
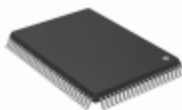
Specifications of MB90F548GSPFR-G-ER

|                                  |                                                                                                                                |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90F548GSPFR-G-ER                                                                                                             |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                          |
| DESCRIPTION                      | IC MCU 16BIT 128KB FLASH 100QFP                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                     |
| QUANTITY AVAILABLE               | 5463 pcs                                                                                                                       |
| DATA SHEET                       |                                                                                                                                |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 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              | FLASH                                                                                                                          |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                                               |
| PERIPHERALS                      | POR, WDT                                                                                                                       |
| PACKAGING                        | Tape & Reel (TR)                                                                                                               |
| 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) FLASH 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 MB90F548GSPFR-G-ER | MB90F548GSPFR-G-ER Distributor                | MB90F548GSPFR-G-ER Supplier                  |
| MB90F548GSPFR-G-ER Price                 | MB90F548GSPFR-G-ER Pictures                   | MB90F548GSPFR-G-ER Image                     |
| MB90F548GSPFR-G-ER PDF Datasheet         | MB90F548GSPFR-G-ER Download Datasheet         | MB90F548GSPFR-G-ER Datasheet                 |
| MB90F548GSPFR-G-ER Stock                 | Buy MB90F548GSPFR-G-ER                        | Buy Cypress Semiconductor MB90F548GSPFR-G-ER |
| Cypress Semiconductor MB90F548GSPFR-G-ER | Cypress Semiconductor Supplier                | Cypress Semiconductor Distributor            |
| Cypress Semiconductor MB90F548GSPFR-G-ER | Cypress Semiconductor Corp MB90F548GSPFR-G-ER |                                              |

Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                   |
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| <div><div><b>MB90F548GPFV-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100LQFP<br/>In stock: 9554 pcs</div><div>RFQ</div></div> | <div><div><b>MB90F548GSPF-G</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 4692 pcs</div><div>RFQ</div></div>     |
| <div><div><b>MB90F548GSPFR-G</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 4401 pcs</div><div>RFQ</div></div>    | <div><div><b>MB90F548GSPFR-GE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 4619 pcs</div><div>RFQ</div></div>  |
| <div><div><b>MB90F548GSPMC-G</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100LQFP<br/>In stock: 4919 pcs</div><div>RFQ</div></div>   | <div><div><b>MB90F548GPFV-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100LQFP<br/>In stock: 3792 pcs</div><div>RFQ</div></div>  |
| <div><div><b>MB90F548GSPFR-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT<br/>In stock: 3684 pcs</div><div>RFQ</div></div>                     | <div><div><b>MB90F548GSPFV-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100LQFP<br/>In stock: 4136 pcs</div><div>RFQ</div></div> |
| <div><div><b>MB90F548GPMC-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100LQFP<br/>In stock: 3951 pcs</div><div>RFQ</div></div>  | <div><div><b>MB90F548GSPFR-G-FL</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 4542 pcs</div><div>RFQ</div></div> |
| <div><div><b>MB90F548GSPFV-G</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100LQFP<br/>In stock: 4363 pcs</div><div>RFQ</div></div>   | <div><div><b>MB90F548GPFV-GS</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100LQFP<br/>In stock: 4373 pcs</div><div>RFQ</div></div>   |