



Cypress Semiconductor



Image may be representation. See specifications for product details.

MB90F543GSPFR-GE1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90F543GSPFR-GE1                                                                                            |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT                                                                                                 |
| Datasheets:         |  MB90F543GSPFR-GE1.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3345 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

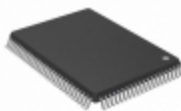
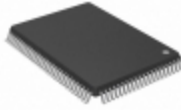
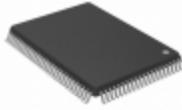
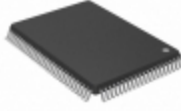
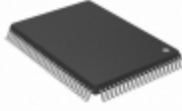
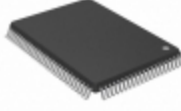
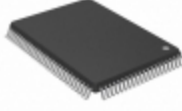
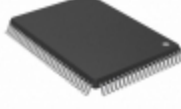
Specifications of MB90F543GSPFR-GE1

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90F543GSPFR-GE1                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                     |
| DESCRIPTION                      | IC MCU 16BIT                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| QUANTITY AVAILABLE               | 3345 pcs                                                                                                  |
| DATA SHEET                       |  MB90F543GSPFR-GE1.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 V ~ 5.5 V                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 100-PQFP (20x14)                                                                                          |
| SPEED                            | 16MHz                                                                                                     |
| SERIES                           | F²MC-16LX MB90540G                                                                                        |
| RAM SIZE                         | 6K x 8                                                                                                    |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                     |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                          |
| PERIPHERALS                      | POR, WDT                                                                                                  |
| PACKAGING                        | Tray                                                                                                      |
| PACKAGE / CASE                   | 100-BQFP                                                                                                  |
| OTHER NAMES                      | 428-4333<br>CY90F543GSPFR-GE1                                                                             |
| 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             | F²MC-16LX F²MC-16LX MB90540G 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                   | F²MC-16LX                                                                                                 |
| CONNECTIVITY                     | CANbus, EBI/EMI, SCI, Serial I/O, UART/USART                                                              |

Related Tags

|                                         |                                              |                                             |
|-----------------------------------------|----------------------------------------------|---------------------------------------------|
| Cypress Semiconductor MB90F543GSPFR-GE1 | MB90F543GSPFR-GE1 Distributor                | MB90F543GSPFR-GE1 Supplier                  |
| MB90F543GSPFR-GE1 Price                 | MB90F543GSPFR-GE1 Pictures                   | MB90F543GSPFR-GE1 Image                     |
| MB90F543GSPFR-GE1 PDF Datasheet         | MB90F543GSPFR-GE1 Download Datasheet         | MB90F543GSPFR-GE1 Datasheet                 |
| MB90F543GSPFR-GE1 Stock                 | Buy MB90F543GSPFR-GE1                        | Buy Cypress Semiconductor MB90F543GSPFR-GE1 |
| Cypress Semiconductor MB90F543GSPFR-GE1 | Cypress Semiconductor Supplier               | Cypress Semiconductor Distributor           |
| Cypress Semiconductor MB90F543GSPFR-GE1 | Cypress Semiconductor Corp MB90F543GSPFR-GE1 |                                             |

Related Products

|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MB90F543GSPFR-G</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 4866 pcs<br/>RFQ</div>       |  <div><b>MB90F543GSPMC-G-V</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100LQFP<br/>In stock: 4938 pcs<br/>RFQ</div>     |
|  <div><b>MB90F543GSPMC-G-FLE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100LQFP<br/>In stock: 3859 pcs<br/>RFQ</div> |  <div><b>MB90F543GSPMC-G</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100LQFP<br/>In stock: 4077 pcs<br/>RFQ</div>       |
|  <div><b>MB90F543GSPFR-GS-BI24</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 4417 pcs<br/>RFQ</div> |  <div><b>MB90F543GSPFV-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100LQFP<br/>In stock: 4813 pcs<br/>RFQ</div>    |
|  <div><b>MB90F543GSPF-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 4444 pcs<br/>RFQ</div>     |  <div><b>MB90F543GSPFR-G-FLE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 4397 pcs<br/>RFQ</div>   |
|  <div><b>MB90F543GSPF-GS-BI24</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 4059 pcs<br/>RFQ</div>  |  <div><b>MB90F543GSPF-GS-BI24E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 7049 pcs<br/>RFQ</div> |
|  <div><b>MB90F543GSPFR-G-B</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 4905 pcs<br/>RFQ</div>     |  <div><b>MB90F543GSPMC-G-N4E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100LQFP<br/>In stock: 5889 pcs<br/>RFQ</div>  |