



Cypress Semiconductor



Image may be representation. See specifications for product details.

### MB90F598GPF-G

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90F598GPF-G                                                                                                |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 128KB FLASH 100QFP                                                                              |
| Datasheets:         |  MB90F598GPF-G.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3916 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

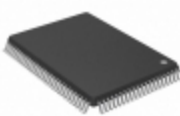
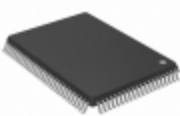
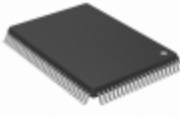
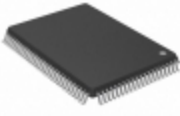
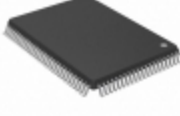
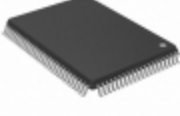
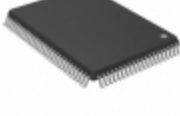
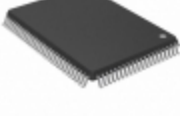
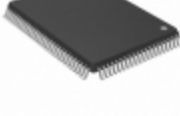
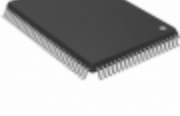
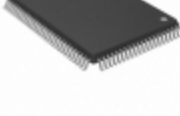
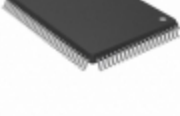
#### Specifications of MB90F598GPF-G

|                                  |                                                                                                                                |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90F598GPF-G                                                                                                                  |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                          |
| DESCRIPTION                      | IC MCU 16BIT 128KB FLASH 100QFP                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                     |
| QUANTITY AVAILABLE               | 3916 pcs                                                                                                                       |
| DATA SHEET                       |  MB90F598GPF-G.pdf                          |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 100-PQFP (20x14)                                                                                                               |
| SPEED                            | 16MHz                                                                                                                          |
| SERIES                           | F <sup>2</sup> MC-16LX MB90595G                                                                                                |
| RAM SIZE                         | 4K x 8                                                                                                                         |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                          |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                                               |
| PERIPHERALS                      | POR, PWM, WDT                                                                                                                  |
| PACKAGING                        | Tray                                                                                                                           |
| PACKAGE / CASE                   | 100-BQFP                                                                                                                       |
| OSCILLATOR TYPE                  | External                                                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                              |
| NUMBER OF I/O                    | 78                                                                                                                             |
| 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 MB90595G 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 MB90F598GPF-G | MB90F598GPF-G Distributor                | MB90F598GPF-G Supplier                  |
| MB90F598GPF-G Price                 | MB90F598GPF-G Pictures                   | MB90F598GPF-G Image                     |
| MB90F598GPF-G PDF Datasheet         | MB90F598GPF-G Download Datasheet         | MB90F598GPF-G Datasheet                 |
| MB90F598GPF-G Stock                 | Buy MB90F598GPF-G                        | Buy Cypress Semiconductor MB90F598GPF-G |
| Cypress Semiconductor MB90F598GPF-G | Cypress Semiconductor Supplier           | Cypress Semiconductor Distributor       |
| Cypress Semiconductor MB90F598GPF-G | Cypress Semiconductor Corp MB90F598GPF-G |                                         |

#### Related Products

|                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MB90F598GPF-GS</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 4861 pcs<br/>RFQ</div>         |  <div><b>MB90F598GHPFR-G</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 4446 pcs<br/>RFQ</div>        |
|  <div><b>MB90F598GPFR-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT<br/>In stock: 3383 pcs<br/>RFQ</div>                          |  <div><b>MB90F594GPFR-G-9007-ER</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100QFP<br/>In stock: 4881 pcs<br/>RFQ</div> |
|  <div><b>MB90F598GPF-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 4465 pcs<br/>RFQ</div>       |  <div><b>MB90F598GPFR-G-BI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 4900 pcs<br/>RFQ</div>      |
|  <div><b>MB90F598GDPF-GS</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 4837 pcs<br/>RFQ</div>        |  <div><b>MB90F594GPFR-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100QFP<br/>In stock: 2682 pcs<br/>RFQ</div>       |
|  <div><b>MB90F598GPFR-G</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 3890 pcs<br/>RFQ</div>         |  <div><b>MB90F594GPFR-GE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100QFP<br/>In stock: 4198 pcs<br/>RFQ</div>       |
|  <div><b>MB90F594GPFR-G-9008-ER</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100QFP<br/>In stock: 5526 pcs<br/>RFQ</div> |  <div><b>MB90F598GPF-G-BIE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 4826 pcs<br/>RFQ</div>     |