



MB90F598PFR-GE1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90F598PFR-GE1                                                                                              |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 128KB FLASH 100QFP                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3872 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

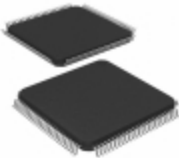
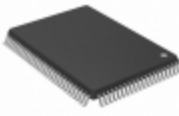
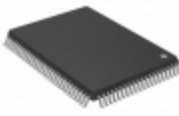
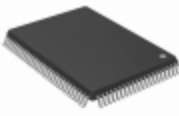
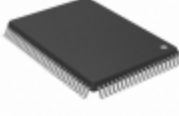
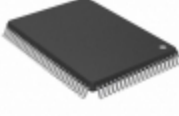
Specifications of MB90F598PFR-GE1

|                                  |                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90F598PFR-GE1                                                                                                               |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                         |
| DESCRIPTION                      | IC MCU 16BIT 128KB FLASH 100QFP                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                    |
| QUANTITY AVAILABLE               | 3872 pcs                                                                                                                      |
| DATA SHEET                       |                                                                                                                               |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 100-PQFP (20x14)                                                                                                              |
| SPEED                            | 16MHz                                                                                                                         |
| SERIES                           | F <sup>2</sup> MC-16LX MB90595                                                                                                |
| 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                                                                                                                      |
| OTHER NAMES                      | CY90F598PFR-GE1                                                                                                               |
| 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 MB90595 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 MB90F598PFR-GE1 | MB90F598PFR-GE1 Distributor                | MB90F598PFR-GE1 Supplier                  |
| MB90F598PFR-GE1 Price                 | MB90F598PFR-GE1 Pictures                   | MB90F598PFR-GE1 Image                     |
| MB90F598PFR-GE1 PDF Datasheet         | MB90F598PFR-GE1 Download Datasheet         | MB90F598PFR-GE1 Datasheet                 |
| MB90F598PFR-GE1 Stock                 | Buy MB90F598PFR-GE1                        | Buy Cypress Semiconductor MB90F598PFR-GE1 |
| Cypress Semiconductor MB90F598PFR-GE1 | Cypress Semiconductor Supplier             | Cypress Semiconductor Distributor         |
| Cypress Semiconductor MB90F598PFR-GE1 | Cypress Semiconductor Corp MB90F598PFR-GE1 |                                           |

Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                    |
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| <div></div> <div><b>MB90F598PF-G-9003E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: 5257 pcs</div> <div>RFQ</div>            | <div></div> <div><b>MB90F865ESPMC-GE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU FLASH MICOM-0.35 100LQFP<br/>In stock: 3913 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MB90F823BPF-G-SPE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: 5688 pcs</div> <div>RFQ</div>             | <div></div> <div><b>MB90F654APFV-G-BI8E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: 6757 pcs</div> <div>RFQ</div>           |
| <div></div> <div><b>MB90F598PF-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 3090 pcs</div> <div>RFQ</div>    | <div></div> <div><b>MB90F831PF-G-SPE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU MICOM FLASH 100QFP<br/>In stock: 3751 pcs</div> <div>RFQ</div>       |
| <div></div> <div><b>MB90F809SPF-G-JNE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: 6156 pcs</div> <div>RFQ</div>             | <div></div> <div><b>MB90F804-201PFR-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: 2804 pcs</div> <div>RFQ</div>            |
| <div></div> <div><b>MB90F598PF-G-BI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 4523 pcs</div> <div>RFQ</div>   | <div></div> <div><b>MB90F598PF-G-9004</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 3772 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MB90F598PF-G-9003</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 4171 pcs</div> <div>RFQ</div> | <div></div> <div><b>MB90F598PFR-G</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 4934 pcs</div> <div>RFQ</div>     |