



Cypress Semiconductor



MB90598GPF-G-185-ER

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90598GPF-G-185-ER                                                                                          |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 128KB MROM 100QFP                                                                               |
| Datasheets:         |  MB90598GPF-G-185-ER.pdf    |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 8780 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

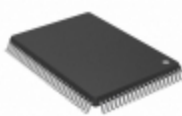
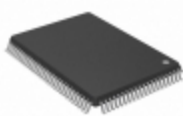
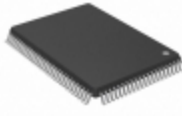
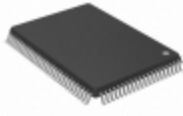
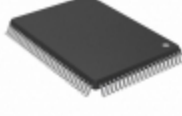
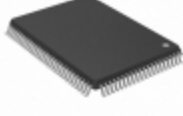
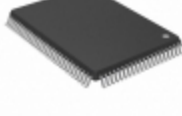
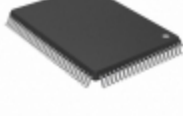
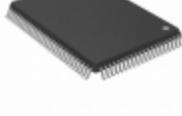
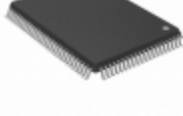
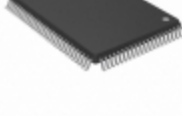
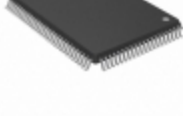
Specifications of MB90598GPF-G-185-ER

|                                  |                                                                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90598GPF-G-185-ER                                                                                                               |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                             |
| DESCRIPTION                      | IC MCU 16BIT 128KB MROM 100QFP                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                        |
| QUANTITY AVAILABLE               | 8780 pcs                                                                                                                          |
| DATA SHEET                       |  MB90598GPF-G-185-ER.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              | Mask ROM                                                                                                                          |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                                                  |
| PERIPHERALS                      | POR, PWM, WDT                                                                                                                     |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                  |
| 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) Mask ROM 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 MB90598GPF-G-185-ER | MB90598GPF-G-185-ER Distributor                | MB90598GPF-G-185-ER Supplier                  |
| MB90598GPF-G-185-ER Price                 | MB90598GPF-G-185-ER Pictures                   | MB90598GPF-G-185-ER Image                     |
| MB90598GPF-G-185-ER PDF Datasheet         | MB90598GPF-G-185-ER Download Datasheet         | MB90598GPF-G-185-ER Datasheet                 |
| MB90598GPF-G-185-ER Stock                 | Buy MB90598GPF-G-185-ER                        | Buy Cypress Semiconductor MB90598GPF-G-185-ER |
| Cypress Semiconductor MB90598GPF-G-185-ER | Cypress Semiconductor Supplier                 | Cypress Semiconductor Distributor             |
| Cypress Semiconductor MB90598GPF-G-185-ER | Cypress Semiconductor Corp MB90598GPF-G-185-ER |                                               |

Related Products

|                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                     |
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|  <div><b>MB90598GPF-G-172</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 5803 pcs<br/>RFQ</div>      |  <div><b>MB90598GPF-G-171-ER</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 7701 pcs<br/>RFQ</div>   |
|  <div><b>MB90598GPF-G-193E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 3574 pcs<br/>RFQ</div>    |  <div><b>MB90598GPF-G-178E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 6457 pcs<br/>RFQ</div>    |
|  <div><b>MB90598GPF-G-173</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 5573 pcs<br/>RFQ</div>      |  <div><b>MB90598GPF-G-187-JNE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 3829 pcs<br/>RFQ</div> |
|  <div><b>MB90598GPF-G-173-JNE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 4671 pcs<br/>RFQ</div> |  <div><b>MB90598GPF-G-194E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 3262 pcs<br/>RFQ</div>    |
|  <div><b>MB90598GPF-G-172-JNE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 5821 pcs<br/>RFQ</div> |  <div><b>MB90598GPF-G-187E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 5593 pcs<br/>RFQ</div>    |
|  <div><b>MB90598GPF-G-196-JNE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 6772 pcs<br/>RFQ</div> |  <div><b>MB90598GPF-G-192E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 3679 pcs<br/>RFQ</div>    |