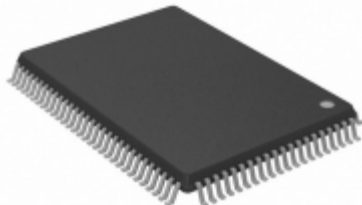


MB90598GPF-G-187E1





Part Number:

MB90598GPF-G-187E1

Manufacturer:

Cypress Semiconductor

Description:

IC MCU 16BIT 128KB MROM 100QFP

Data sheet:

 [MB90595G Series](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

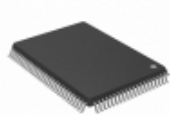
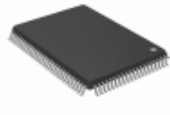
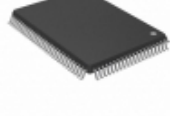
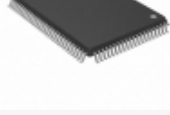
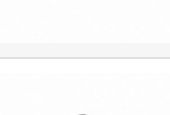
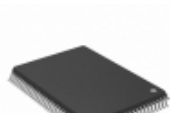
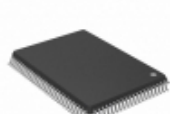
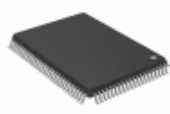
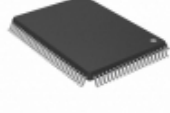
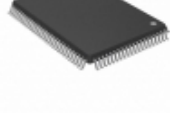
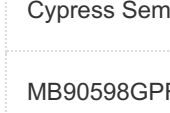
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                |                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                               | MB90598GPF-G-187E1                        | Manufacturer                   | <a href="#">Cypress Semiconductor</a>                                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 16BIT 128KB MROM 100QFP            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 4327 pcs                                  | Data sheet                     | <a href="#">MB90595G Series</a>                                                                         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 3 V ~ 5.5 V                                                                                             |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 100-PQFP (20x14)                          | Speed                          | 16MHz                                                                                                   |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | F*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                      | 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*MC-16LX F*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*MC-16LX                                 | Connectivity                   | CANbus, EBI/EMI, SCI, Serial I/O, UART/USART                                                            |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Cypress Semiconductor series electronic components. We have 4327 pieces of Cypress Semiconductor MB90598GPF-G-187E1 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                |                                                                                                         |

| RELATED PRODUCTS                                                                   |                                                                                             |                                                      |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------------|----------------|
|  | Part#: <a href="#">MB90598GPF-G-173-JNE1</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90598GPF-G-196E1</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90598GPF-G-172-JNE1</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90598GPF-GS-199E1</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90598GPF-GS-157</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90598GPF-GS-198E1</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90598GPF-G-196-JNE1</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90598GPF-G-171-ER</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90598GPF-G-194E1</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90598GPF-G-173</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90598GPF-G-187-JNE1</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90598GPF-GS-169</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90598GPF-G-178E1</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90598GPF-GS-200E1</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90598GPF-G-185-ER</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90598GPF-G-193E1</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90598GPF-G-156</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90598GPF-G-172</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90598GPF-G-192E1</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90598GPF-G-166-ER</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |

|                                          |                                               |                             |                          |
|------------------------------------------|-----------------------------------------------|-----------------------------|--------------------------|
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| Cypress Semiconductor MB90598GPF-G-187E1 | Cypress Semiconductor Corp MB90598GPF-G-187E1 |                             |                          |