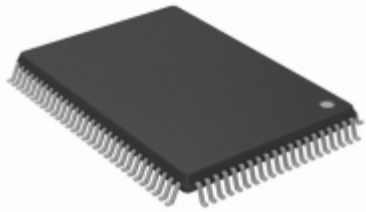


MB90594GHZPF-GS-199-ERE1



Part Number: [MB90594GHZPF-GS-199-ERE1](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 16BIT 256KB MROM 100QFP

Data sheet:

RoHs Status: Lead free / RoHS Compliant

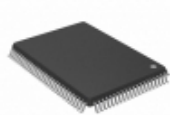
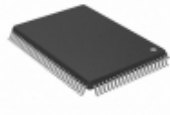
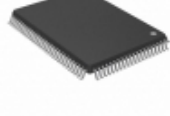
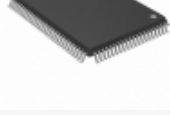
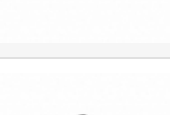
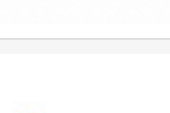
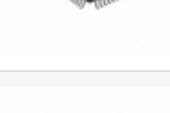
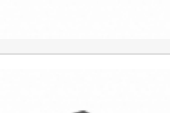
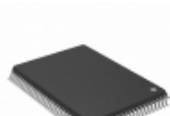
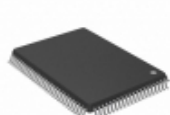
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy MB90594GHZPF-GS-199-ERE1 with confidence  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                           |                                |                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | MB90594GHZPF-GS-199-ERE1                  | Manufacturer                   | <a href="#">Cypress Semiconductor</a>                                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | IC MCU 16BIT 256KB MROM 100QFP            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 5073 pcs                                  | Data sheet                     |                                                                                                         |
| 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 MB90590G                        | RAM Size                       | 6K x 8                                                                                                  |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Mask ROM                                  | Program Memory Size            | 256KB (256K 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*MC-16LX F*MC-16LX MB90590G Microcontroller IC 16-Bit 16MHz 256KB (256K 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 5073 pieces of Cypress Semiconductor MB90594GHZPF-GS-199-ERE1 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="#">MB90594GHZPF-GS-193-ER</a><br>Description: IC MCU 16BIT 256KB MROM 100QFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90594GHPFR-G-182</a><br>Description: IC MCU 16BIT 256KB MROM 100QFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90594GHZPF-GS-199-ER</a><br>Description: IC MCU 16BIT 256KB MROM 100QFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90594GHZPF-GS-197-ERE1</a><br>Description: IC MCU 16BIT 256KB MROM 100QFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90594GHZPFR-GS-190-ER</a><br>Description: IC MCU 16BIT 256KB MROM 100QFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90594GHZPFR-GS-185-ER</a><br>Description: IC MCU 16BIT 256KB MROM 100QFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90594GHZPQC-GS-195ERE2</a><br>Description: IC MCU 16BIT 256KB MROM 100QFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90594GHPFR-G-166</a><br>Description: IC MCU 16BIT 256KB MROM 100QFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90594GHPFR-GS-179E1</a><br>Description: IC MCU 16BIT 256KB MROM 100QFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90594GHZPQC-GS-XXXERE2</a><br>Description: IC MICROCONTROLLER             | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90594GHPFR-GS-186E1</a><br>Description: IC MCU 16BIT 256KB MROM 100QFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90594GPF-G-134-BNDE1</a><br>Description: IC MCU 16BIT 256KB MROM 100QFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90594GPF-G-135-BNDE1</a><br>Description: IC MCU 16BIT 256KB MROM 100QFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90594GHZPFR-GS-177-ER</a><br>Description: IC MCU 16BIT 256KB MROM 100QFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90594GHZPFR-GS-188-ER</a><br>Description: IC MCU 16BIT 256KB MROM 100QFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90594GPF-G-127-BNDE1</a><br>Description: IC MCU 16BIT 256KB MROM 100QFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90594GHZPF-GS-197-ER</a><br>Description: IC MCU 16BIT 256KB MROM 100QFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90594GHZPF-GS-198-ER</a><br>Description: IC MCU 16BIT 256KB MROM 100QFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90594GHPFR-G-182-JNE1</a><br>Description: IC MCU 16BIT 256KB MROM 100QFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90594GHZPFR-GS-181-ER</a><br>Description: IC MCU 16BIT 256KB MROM 100QFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |

|                                                      |                                             |                                    |                                                |
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| Cypress Semiconductor Corp MB90594GHZPF-GS-199-ERE1  |                                             |                                    |                                                |