



Cypress Semiconductor



MB90594GHZPF-GS-193-ER

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90594GHZPF-GS-193-ER                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 256KB MROM 100QFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 8643 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

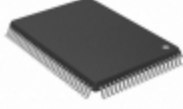
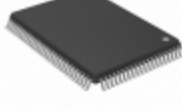
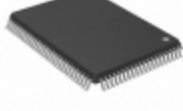
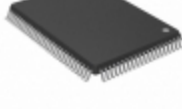
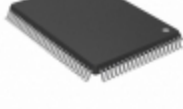
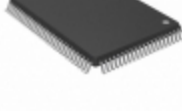
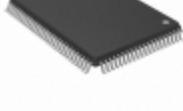
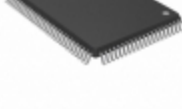
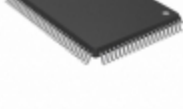
Specifications of MB90594GHZPF-GS-193-ER

|                                  |                                                                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90594GHZPF-GS-193-ER                                                                                                            |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                             |
| DESCRIPTION                      | IC MCU 16BIT 256KB MROM 100QFP                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                        |
| QUANTITY AVAILABLE               | 8643 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 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 <sup>2</sup> MC-16LX F <sup>2</sup> 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 <sup>2</sup> MC-16LX                                                                                                            |
| CONNECTIVITY                     | CANbus, EBI/EMI, SCI, Serial I/O, UART/USART                                                                                      |

Related Tags

|                                              |                                                   |                                                  |
|----------------------------------------------|---------------------------------------------------|--------------------------------------------------|
| Cypress Semiconductor MB90594GHZPF-GS-193-ER | MB90594GHZPF-GS-193-ER Distributor                | MB90594GHZPF-GS-193-ER Supplier                  |
| MB90594GHZPF-GS-193-ER Price                 | MB90594GHZPF-GS-193-ER Pictures                   | MB90594GHZPF-GS-193-ER Image                     |
| MB90594GHZPF-GS-193-ER PDF Datasheet         | MB90594GHZPF-GS-193-ER Download Datasheet         | MB90594GHZPF-GS-193-ER Datasheet                 |
| MB90594GHZPF-GS-193-ER Stock                 | Buy MB90594GHZPF-GS-193-ER                        | Buy Cypress Semiconductor MB90594GHZPF-GS-193-ER |
| Cypress Semiconductor MB90594GHZPF-GS-193-ER | Cypress Semiconductor Supplier                    | Cypress Semiconductor Distributor                |
| Cypress Semiconductor MB90594GHZPF-GS-193-ER | Cypress Semiconductor Corp MB90594GHZPF-GS-193-ER |                                                  |

Related Products

|                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                              |
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| <div></div> <div><b>MB90594GHPFR-GS-179E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100QFP<br/>In stock: 6317 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>MB90594GHZPF-GS-199-ER</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100QFP<br/>In stock: 8901 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>MB90594GHPFR-GS-186E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100QFP<br/>In stock: 4783 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>MB90594GHZPF-GS-199-ERE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100QFP<br/>In stock: 3592 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MB90594GHZPFR-GS-177-ER</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100QFP<br/>In stock: 8724 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>MB90594GHPFR-G-182-JNE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100QFP<br/>In stock: 4792 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MB90594GHPFR-G-166</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100QFP<br/>In stock: 7193 pcs<br/><div>RFQ</div></div>       | <div></div> <div><b>MB90594GHPFR-G-157E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100QFP<br/>In stock: 6117 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>MB90594GHZPF-GS-197-ERE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100QFP<br/>In stock: 5608 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MB90594GHZPF-GS-197-ER</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100QFP<br/>In stock: 8113 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>MB90594GHZPF-GS-198-ER</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100QFP<br/>In stock: 9141 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>MB90594GHPFR-G-182</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100QFP<br/>In stock: 7031 pcs<br/><div>RFQ</div></div>       |