

Cypress Semiconductor



|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90594GHPF-GS-186E1                                                                                         |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 256KB MROM 100QFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6500 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

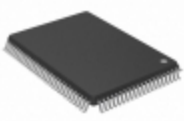
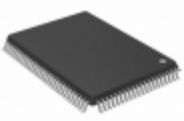
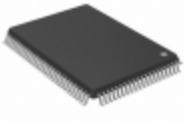
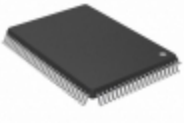
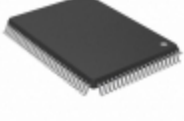
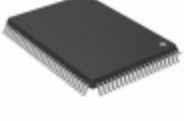
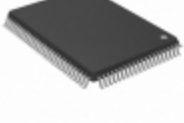
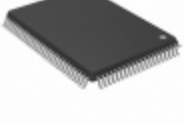
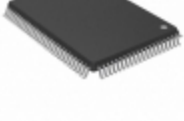
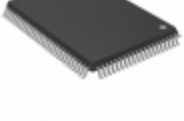
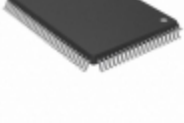
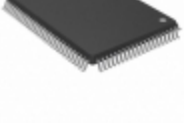
Specifications of MB90594GHPF-GS-186E1

|                                  |                                                                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90594GHPF-GS-186E1                                                                                                              |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                             |
| DESCRIPTION                      | IC MCU 16BIT 256KB MROM 100QFP                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                        |
| QUANTITY AVAILABLE               | 6500 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                        | 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 <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 MB90594GHPF-GS-186E1 | MB90594GHPF-GS-186E1 Distributor                | MB90594GHPF-GS-186E1 Supplier                  |
| MB90594GHPF-GS-186E1 Price                 | MB90594GHPF-GS-186E1 Pictures                   | MB90594GHPF-GS-186E1 Image                     |
| MB90594GHPF-GS-186E1 PDF Datasheet         | MB90594GHPF-GS-186E1 Download Datasheet         | MB90594GHPF-GS-186E1 Datasheet                 |
| MB90594GHPF-GS-186E1 Stock                 | Buy MB90594GHPF-GS-186E1                        | Buy Cypress Semiconductor MB90594GHPF-GS-186E1 |
| Cypress Semiconductor MB90594GHPF-GS-186E1 | Cypress Semiconductor Supplier                  | Cypress Semiconductor Distributor              |
| Cypress Semiconductor MB90594GHPF-GS-186E1 | Cypress Semiconductor Corp MB90594GHPF-GS-186E1 |                                                |

Related Products

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                            |
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| <div></div> <div><b>MB90591GPFR-G-183-JNE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 384KB MROM 100QFP<br/>In stock: 3179 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MB90594GHPFR-G-145-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100QFP<br/>In stock: 7342 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MB90594GHPF-GS-192E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100QFP<br/>In stock: 4269 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>MB90594GHPFR-G-132-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100QFP<br/>In stock: 5675 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MB90591GPFR-G-172</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 384KB MROM 100QFP<br/>In stock: 6727 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>MB90594GHPFR-G-151-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100QFP<br/>In stock: 5783 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MB90594GHPF-GS-171E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100QFP<br/>In stock: 2915 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>MB90594GHPFR-G-157</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100QFP<br/>In stock: 6981 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>MB90594GHPF-GS-169E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100QFP<br/>In stock: 3991 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>MB90594GHPFR-G-146-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100QFP<br/>In stock: 7366 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MB90594GHPF-GS-179E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100QFP<br/>In stock: 3726 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>MB90591GPFR-G-183</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 384KB MROM 100QFP<br/>In stock: 5770 pcs<br/><div>RFQ</div></div>      |