



Cypress Semiconductor



Image may be representation. See specifications for product details.

MB90223PF-GT-184-BND

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90223PF-GT-184-BND                                                                                         |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 64KB MROM 120QFP                                                                                |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6324 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

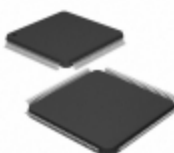
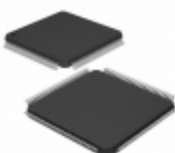
Specifications of MB90223PF-GT-184-BND

|                                  |                                                                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90223PF-GT-184-BND                                                                                                        |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                       |
| DESCRIPTION                      | IC MCU 16BIT 64KB MROM 120QFP                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                  |
| QUANTITY AVAILABLE               | 6324 pcs                                                                                                                    |
| DATA SHEET                       |                                                                                                                             |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 120-QFP (28x28)                                                                                                             |
| SPEED                            | 16MHz                                                                                                                       |
| SERIES                           | F <sup>2</sup> MC-16F MB90220                                                                                               |
| RAM SIZE                         | 3K x 8                                                                                                                      |
| PROGRAM MEMORY TYPE              | Mask ROM                                                                                                                    |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                                                              |
| PERIPHERALS                      | POR, PWM, WDT                                                                                                               |
| PACKAGING                        | Tray                                                                                                                        |
| PACKAGE / CASE                   | 120-BQFP                                                                                                                    |
| OSCILLATOR TYPE                  | External                                                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                          |
| NUMBER OF I/O                    | 102                                                                                                                         |
| 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-16F F <sup>2</sup> MC-16F MB90220 Microcontroller IC 16-Bit 16MHz 64KB (64K x 8) Mask ROM 120-QFP (28x28) |
| DATA CONVERTERS                  | A/D 16x10b                                                                                                                  |
| CORE SIZE                        | 16-Bit                                                                                                                      |
| CORE PROCESSOR                   | F <sup>2</sup> MC-16F                                                                                                       |
| CONNECTIVITY                     | EBI/EMI, UART/USART                                                                                                         |

Related Tags

|                                            |                                                 |                                                |
|--------------------------------------------|-------------------------------------------------|------------------------------------------------|
| Cypress Semiconductor MB90223PF-GT-184-BND | MB90223PF-GT-184-BND Distributor                | MB90223PF-GT-184-BND Supplier                  |
| MB90223PF-GT-184-BND Price                 | MB90223PF-GT-184-BND Pictures                   | MB90223PF-GT-184-BND Image                     |
| MB90223PF-GT-184-BND PDF Datasheet         | MB90223PF-GT-184-BND Download Datasheet         | MB90223PF-GT-184-BND Datasheet                 |
| MB90223PF-GT-184-BND Stock                 | Buy MB90223PF-GT-184-BND                        | Buy Cypress Semiconductor MB90223PF-GT-184-BND |
| Cypress Semiconductor MB90223PF-GT-184-BND | Cypress Semiconductor Supplier                  | Cypress Semiconductor Distributor              |
| Cypress Semiconductor MB90223PF-GT-184-BND | Cypress Semiconductor Corp MB90223PF-GT-184-BND |                                                |

Related Products

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| <div></div> <div><b>MB90223PF-GT-137-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 120QFP<br/>In stock: 6783 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MB90223PF-GT-175-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 120QFP<br/>In stock: 5854 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>MB90223PF-GT-183-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 120QFP<br/>In stock: 6021 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MB90223PF-GT-171-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 120QFP<br/>In stock: 5857 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>MB90223PF-GT-239-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 120QFP<br/>In stock: 7381 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MB90223PF-GT-238-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 120QFP<br/>In stock: 7061 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>MB90223PF-GT-230-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 120QFP<br/>In stock: 6535 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MB90223PF-GT-237-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 120QFP<br/>In stock: 7102 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>MB90223PF-GT-194-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 120QFP<br/>In stock: 5538 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MB90223PF-GT-207-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 120QFP<br/>In stock: 5613 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>MB90223PF-GT-139-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 120QFP<br/>In stock: 6290 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MB90214PF-GT-352-BND-AE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 80QFP<br/>In stock: 6863 pcs<br/><div>RFQ</div></div> |