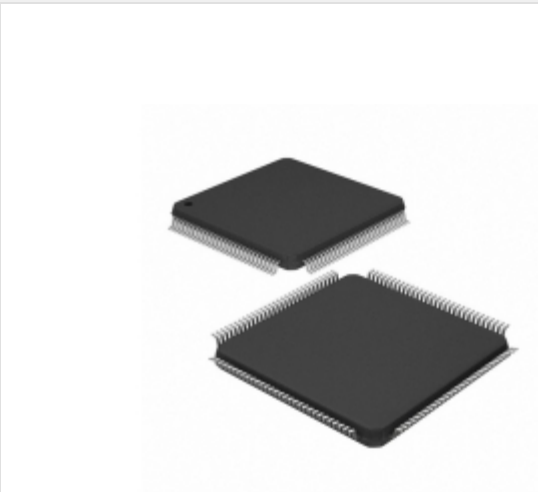


MB90P224BPF-GT-5296





Part Number:

MB90P224BPF-GT-5296

Manufacturer:

Cypress Semiconductor

Description:

IC MCU 16BIT 96KB OTP 120QFP

Data sheet:

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

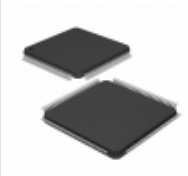
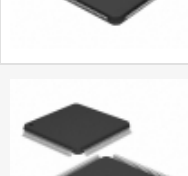
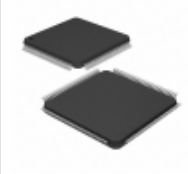
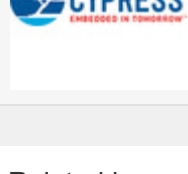
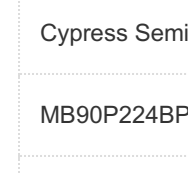
Shipment Way:

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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                           |                              |                                |                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                 | MB90P224BPF-GT-5296          | Manufacturer                   | Cypress Semiconductor                                                                         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                 | IC MCU 16BIT 96KB OTP 120QFP | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                          | 3454 pcs                     | Data sheet                     |                                                                                               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                    | Integrated Circuits (ICs)    | Voltage - Supply (Vcc/Vdd)     | 3 V ~ 5.5 V                                                                                   |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                     | 120-PQFP (28x28)             | Speed                          | 16MHz                                                                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                      | F*MC-16F MB90220             | RAM Size                       | 4.5K x 8                                                                                      |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                         | OTP                          | Program Memory Size            | 96KB (96K 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*MC-16F F*MC-16F MB90220 Microcontroller IC 16-Bit 16MHz 96KB (96K x 8) OTP 120-PQFP (28x28) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                             | A/D 16x10b                   | Core Size                      | 16-Bit                                                                                        |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                              | F*MC-16F                     | Connectivity                   | EBI/EMI, UART/USART                                                                           |
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| RELATED PRODUCTS                                                                   |                                                                              |                                      |     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------------------------|-----|
|  | Part#: MB90P224BPF-GT-5303<br>Description: IC MCU 16BIT 96KB OTP 120QFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90P224BPF-GT-5302<br>Description: IC MCU 16BIT 96KB OTP 120QFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90P678PF-G-5037E1<br>Description: IC MCU 16BIT 64KB OTP 100QFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90P224BPF-GT-5267<br>Description: IC MCU 16BIT 96KB OTP 120QFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB91008PMC1-GS-108-BNDE1<br>Description: IC MICROCONTROLLER           | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90P224BPF-GT-5298<br>Description: IC MCU 16BIT 96KB OTP 120QFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90P224BPF-GT-5271<br>Description: IC MCU 16BIT 96KB OTP 120QFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90P224BPF-GT-5283<br>Description: IC MCU 16BIT 96KB OTP 120QFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90P224BPF-GT-5266<br>Description: IC MCU 16BIT 96KB OTP 120QFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90P224BPF-GT-5284<br>Description: IC MCU 16BIT 96KB OTP 120QFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90P224BPF-GT-5273<br>Description: IC MCU 16BIT 96KB OTP 120QFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90P224BPF-GT-5294<br>Description: IC MCU 16BIT 96KB OTP 120QFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB91008PMC1-GS-107-BNDE1<br>Description: IC MCU 32BIT FR-0.18 120LQFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90P224BPF-GT-5274<br>Description: IC MCU 16BIT 96KB OTP 120QFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90P224BPF-GT-5292<br>Description: IC MCU 16BIT 96KB OTP 120QFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB91016PFV-GS-104E1<br>Description: IC MCU 32BIT FR-0.35 144LQFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90P224BPF-GT-5286<br>Description: IC MCU 16BIT 96KB OTP 120QFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90P224BPF-GT-5307<br>Description: IC MCU 16BIT 96KB OTP 120QFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90P678PF-G-5037<br>Description: IC MCU 16BIT 64KB OTP 100QFP        | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90P263PF-G-5016-A-TK2<br>Description: IC MCU 16BIT MICOM            | Manufacturers: Cypress Semiconductor | RFQ |

Related keywords for MB90P224BPF-GT-5296

|                                           |                                                |                              |                           |
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