

MB90583CAPMC-G-146



Part Number: [MB90583CAPMC-G-146](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 16BIT 128KB MROM 100LQFP

Data sheet:

RoHs Status: Lead free / RoHS Compliant

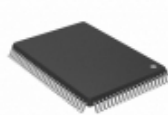
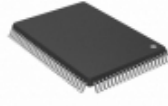
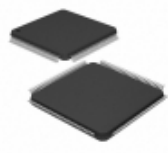
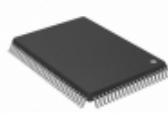
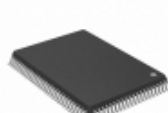
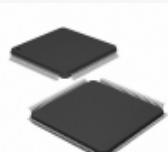
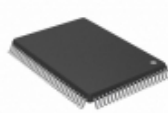
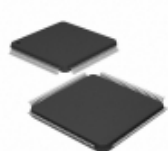
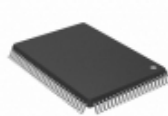
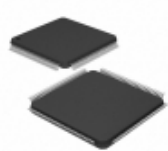
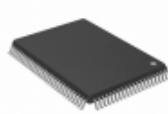
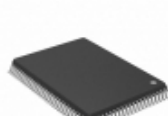
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                |                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                               | MB90583CAPMC-G-146                        | Manufacturer                   | <a href="#">Cypress Semiconductor</a>                                                                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 16BIT 128KB MROM 100LQFP           | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5640 pcs                                  | Data sheet                     |                                                                                                                                   |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 3 V ~ 5.5 V                                                                                                                       |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 100-LQFP (14x14)                          | Speed                          | 16MHz                                                                                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | F <sup>2</sup> MC-16LX MB90580C           | RAM Size                       | 6K x 8                                                                                                                            |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Mask ROM                                  | Program Memory Size            | 128KB (128K x 8)                                                                                                                  |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                               | POR, WDT                                  | Packaging                      | Tray                                                                                                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 100-LQFP                                  | Oscillator Type                | External                                                                                                                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 85°C (TA)                         | Number of I/O                  | 77                                                                                                                                |
| 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 MB90580C Microcontroller IC 16-Bit 16MHz 128KB (128K x 8) Mask ROM 100-LQFP (14x14) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A/D 8x8/10b, D/A 2x8b                     | Core Size                      | 16-Bit                                                                                                                            |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                            | F <sup>2</sup> MC-16LX                    | Connectivity                   | SCI, UART/USART                                                                                                                   |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Cypress Semiconductor series electronic components. We have 5640 pieces of Cypress Semiconductor MB90583CAPMC-G-146 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="#">MB90583CPF-G-138-BND</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90583CAPMC-G-139-BND</a><br>Description: IC MCU 16BIT 128KB MROM 100LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90583CPF-G-142-BND</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90583CAPFV-G-143-BNDE1</a><br>Description: IC MCU 16BIT 128KB MROM 100LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90583CPMC-G-120-BND</a><br>Description: IC MCU 16BIT 128KB MROM 100LQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">MB90574CPFV-G-462E1</a><br>Description: IC MCU 16BIT 256KB MROM 120BQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90583CPF-G-142-BNDE1</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90583CPF-G-144-BND</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90574CPFV-G-456E1</a><br>Description: IC MCU 16BIT 256KB MROM 120BQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90583CAPMC-G-137-BND</a><br>Description: IC MCU 16BIT 128KB MROM 100LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90583CPF-G-145-BND</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90574CPFV-G-448E1</a><br>Description: IC MCU 16BIT 256KB MROM 120BQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90583CPF-GS-149</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP         | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90574CPMT-G-446E1</a><br>Description: IC MCU 16BIT 256KB MROM 120LQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90583CPF-GS-148</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP         | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">MB90574CPFV-G-449E1</a><br>Description: IC MCU 16BIT 256KB MROM 120BQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90583CPF-GS-149E1</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90574CPFV-G-453E1</a><br>Description: IC MCU 16BIT 256KB MROM 120BQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |

Related keywords for MB90583CAPMC-G-146

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