

MB90587CAPMC-G-115-BND



**Part Number:** [MB90587CAPMC-G-115-BND](#)

**Manufacturer:** [Cypress Semiconductor](#)

**Description:** IC MCU 16BIT 64KB MROM 100LQFP

**Data sheet:**

**RoHs Status:** Lead free / RoHS Compliant

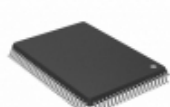
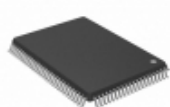
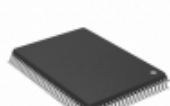
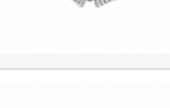
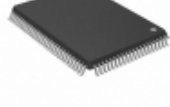
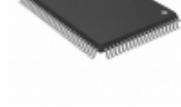
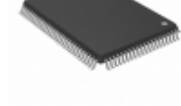
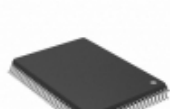
**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                           |                                |                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | MB90587CAPMC-G-115-BND                    | Manufacturer                   | <a href="#">Cypress Semiconductor</a>                                                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC MCU 16BIT 64KB MROM 100LQFP            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 7244 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*MC-16LX MB90580C                        | RAM Size                       | 4K x 8                                                                                                |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Mask ROM                                  | Program Memory Size            | 64KB (64K 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*MC-16LX F*MC-16LX MB90580C Microcontroller IC 16-Bit 16MHz 64KB (64K x 8) Mask ROM 100-LQFP (14x14) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                               | A/D 8x8/10b, D/A 2x8b                     | Core Size                      | 16-Bit                                                                                                |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                | F*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 7244 pieces of Cypress Semiconductor MB90587CAPMC-G-115-BND 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="#">MB90587CPF-G-125-BND</a><br>Description: IC MCU 16BIT 64KB MROM 100QFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90587CAPFV-GS-157E1</a><br>Description: IC MCU 16BIT 64KB MROM 100LQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90587CAPMC-G-137-BNDE1</a><br>Description: IC MCU 16BIT 64KB MROM 100LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90587CAPF-GS-172E1</a><br>Description: IC MCU 16BIT 64KB MROM 100QFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90587CAPMC-G-130-BNDE1</a><br>Description: IC MCU 16BIT 64KB MROM 100LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90587CAPF-GS-171E1</a><br>Description: IC MCU 16BIT 64KB MROM 100QFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90587CAPF-GS-175E1</a><br>Description: IC MCU 16BIT 64KB MROM 100QFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90587CPF-G-122-BND</a><br>Description: IC MCU 16BIT 64KB MROM 100QFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90587CPF-G-136-BND</a><br>Description: IC MCU 16BIT 64KB MROM 100QFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90587CAPF-GS-177E1</a><br>Description: IC MCU 16BIT 64KB MROM 100QFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90587CPF-G-123-BND</a><br>Description: IC MCU 16BIT 64KB MROM 100QFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90587CAPF-GS-174E1</a><br>Description: IC MCU 16BIT 64KB MROM 100QFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90587CAPMC-G-149-BNDE1</a><br>Description: IC MCU 16BIT 64KB MROM 100LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90587CPF-G-116-BND</a><br>Description: IC MCU 16BIT 64KB MROM 100QFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90587CPF-G-114-BND</a><br>Description: IC MCU 16BIT 64KB MROM 100QFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90587CAPMC-G-113-BND</a><br>Description: IC MCU 16BIT 64KB MROM 100LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">MB90587CAPF-GS-173E1</a><br>Description: IC MCU 16BIT 64KB MROM 100QFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90587CAPF-GS-170E1</a><br>Description: IC MCU 16BIT 64KB MROM 100QFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |

| Related keywords for MB90587CAPMC-G-115-BND  |                                              |                                                   |                              |
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