

MB90587CAPMC-G-163-BNDE1



**Part Number:** MB90587CAPMC-G-163-BNDE1

**Manufacturer:** Cypress Semiconductor

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

**Data sheet:**

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

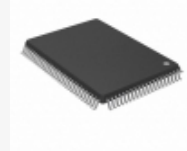
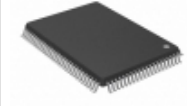
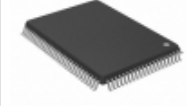
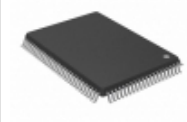
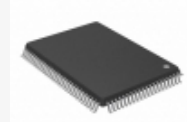
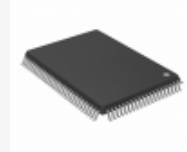
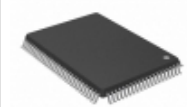
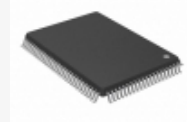
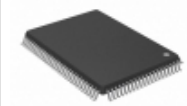
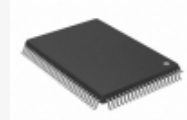
**Ship From:** Hong Kong

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

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                |                                |                                |                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                      | MB90587CAPMC-G-163-BNDE1       | Manufacturer                   | Cypress Semiconductor                                                                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                      | IC MCU 16BIT 64KB MROM 100LQFP | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                               | 4020 pcs                       | Data sheet                     |                                                                                                       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                         | Integrated Circuits (ICs)      | 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 4020 pieces of Cypress Semiconductor MB90587CAPMC-G-163-BNDE1 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: info@Components-World.com |                                |                                |                                                                                                       |

| RELATED PRODUCTS                                                                   |                                                                                |                                      |     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------------------------------------|-----|
|  | Part#: MB90587CAPMC-G-113-BND<br>Description: IC MCU 16BIT 64KB MROM 100LQFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90587CPF-G-114-BND<br>Description: IC MCU 16BIT 64KB MROM 100QFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90587CAPF-GS-174E1<br>Description: IC MCU 16BIT 64KB MROM 100QFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90587CAPF-GS-175E1<br>Description: IC MCU 16BIT 64KB MROM 100QFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90587CAPF-GS-176E1<br>Description: IC MCU 16BIT 64KB MROM 100QFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90587CAPMC-G-149-BNDE1<br>Description: IC MCU 16BIT 64KB MROM 100LQFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90587CPF-G-123-BND<br>Description: IC MCU 16BIT 64KB MROM 100QFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90587CPF-G-136-BND<br>Description: IC MCU 16BIT 64KB MROM 100QFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90587CAPMC-G-130-BNDE1<br>Description: IC MCU 16BIT 64KB MROM 100LQFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90587CPF-G-125-BND<br>Description: IC MCU 16BIT 64KB MROM 100QFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90587CAPFV-GS-157E1<br>Description: IC MCU 16BIT 64KB MROM 100LQFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90587CAPMC-G-115-BND<br>Description: IC MCU 16BIT 64KB MROM 100LQFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90587CAPMC-G-137-BNDE1<br>Description: IC MCU 16BIT 64KB MROM 100LQFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90587CPF-G-141-BND<br>Description: IC MCU 16BIT 64KB MROM 100QFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90587CPF-G-140-BND<br>Description: IC MCU 16BIT 64KB MROM 100QFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90587CPF-G-116-BND<br>Description: IC MCU 16BIT 64KB MROM 100QFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90587CPF-G-139-BND<br>Description: IC MCU 16BIT 64KB MROM 100QFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90587CPF-G-139-BNDE1<br>Description: IC MCU 16BIT 64KB MROM 100QFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90587CAPF-GS-177E1<br>Description: IC MCU 16BIT 64KB MROM 100QFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90587CPF-G-122-BND<br>Description: IC MCU 16BIT 64KB MROM 100QFP      | Manufacturers: Cypress Semiconductor | RFQ |

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|-----------------------------------------------------|---------------------------------------------|------------------------------------|------------------------------------------------|
| Related keywords for MB90587CAPMC-G-163-BNDE1       |                                             |                                    |                                                |
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