

MB90497GPMC-G-115-BND



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Part Number: MB90497GPMC-G-115-BND

Manufacturer: Cypress Semiconductor

Description: IC MCU 16BIT 64KB MROM 64LQFP

Data sheet:

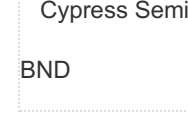
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                             |                               |                                |                                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--------------------------------|------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                   | MB90497GPMC-G-115-BND         | Manufacturer                   | Cypress Semiconductor                                                                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                   | IC MCU 16BIT 64KB MROM 64LQFP | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                            | 6037 pcs                      | Data sheet                     |                                                                                                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                      | Integrated Circuits (ICs)     | Voltage - Supply (Vcc/Vdd)     | 4.5 V ~ 5.5 V                                                                                        |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                       | 64-LQFP (12x12)               | Speed                          | 16MHz                                                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                        | F*MC-16LX MB90495G            | RAM Size                       | 2K x 8                                                                                               |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                           | Mask ROM                      | Program Memory Size            | 64KB (64K x 8)                                                                                       |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                   | POR, WDT                      | Packaging                      | Tray                                                                                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                | 64-LQFP                       | Oscillator Type                | External                                                                                             |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                         | -40°C ~ 105°C (TA)            | Number of I/O                  | 49                                                                                                   |
| 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 MB90495G Microcontroller IC 16-Bit 16MHz 64KB (64K x 8) Mask ROM 64-LQFP (12x12) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                               | A/D 8x8/10b                   | Core Size                      | 16-Bit                                                                                               |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                | F*MC-16LX                     | Connectivity                   | CANbus, EBI/EMI, SCI, UART/USART                                                                     |
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|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------------|-----|
|  | Part#: MB90497GPMC-G-104-JNE1<br>Description: IC MCU 16BIT 64KB MROM 64LQFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90497GPFM-GS-246E1<br>Description: IC MCU 16BIT 64KB MROM 64LQFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90497GPFM-GS-264E1<br>Description: IC MCU 16BIT 64KB MROM 64LQFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90497GPFM-GS-232<br>Description: IC MCU 16BIT 64KB MROM 64LQFP       | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90497GPMC-G-136-JNE1<br>Description: IC MCU 16BIT 64KB MROM 64LQFP   | Manufacturers: Cypress Semiconductor | RFQ |
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|  | Part#: MB90497GPMC-GS-144-BNDE1<br>Description: IC MCU 16BIT 64KB MROM 64LQFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90497GPFM-GS-244<br>Description: IC MCU 16BIT 64KB MROM 64LQFP       | Manufacturers: Cypress Semiconductor | RFQ |
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|  | Part#: MB90497GPMC-GS<br>Description: IC MCU 16BIT 64KB MROM 64LQFP           | Manufacturers: Cypress Semiconductor | RFQ |
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