

MB90497GPFM-GS-197E1



Part Number: [MB90497GPFM-GS-197E1](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 16BIT 64KB MROM 64LQFP

Data sheet:

RoHs Status: Lead free / RoHS Compliant

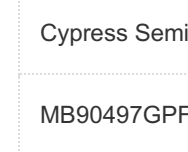
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                |                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | MB90497GPFM-GS-197E1                      | Manufacturer                   | <a href="#">Cypress Semiconductor</a>                                                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | IC MCU 16BIT 64KB MROM 64LQFP             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4434 pcs                                  | Data sheet                     |                                                                                                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a> | 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#: <a href="#">MB90497GPFM-G-188-BND</a><br>Description: IC MCU 16BIT 64KB MROM 64LQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90497GPFM-GS-197</a><br>Description: IC MCU 16BIT 64KB MROM 64LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90497GPFM-G-202E1</a><br>Description: IC MCU 16BIT 64KB MROM 64LQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90497GPFM-GS-207</a><br>Description: IC MCU 16BIT 64KB MROM 64LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90497GPFM-G-239-JNE1</a><br>Description: IC MCU 16BIT 64KB MROM 64LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90497GPFM-GS-207E1</a><br>Description: IC MCU 16BIT 64KB MROM 64LQFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90497GPFM-GS-228</a><br>Description: IC MCU 16BIT 64KB MROM 64LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90497GPFM-G-202-JNE1</a><br>Description: IC MCU 16BIT 64KB MROM 64LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90497GPFM-GS-227</a><br>Description: IC MCU 16BIT 64KB MROM 64LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90497GPFM-GS-172-BND</a><br>Description: IC MCU 16BIT 64KB MROM 64LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90497GPFM-GS-206</a><br>Description: IC MCU 16BIT 64KB MROM 64LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90497GPFM-GS-205</a><br>Description: IC MCU 16BIT 64KB MROM 64LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90497GPFM-G-239E1</a><br>Description: IC MCU 16BIT 64KB MROM 64LQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90497GPFM-GS-206E1</a><br>Description: IC MCU 16BIT 64KB MROM 64LQFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90497GPFM-GS-172-BNDE1</a><br>Description: IC MCU 16BIT 64KB MROM 64LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90497GPFM-GS-200</a><br>Description: IC MCU 16BIT 64KB MROM 64LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90497GPFM-GS-200E1</a><br>Description: IC MCU 16BIT 64KB MROM 64LQFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90497GPFM-G-170-BND</a><br>Description: IC MCU 16BIT 64KB MROM 64LQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90497GPFM-G-170-BNDE1</a><br>Description: IC MCU 16BIT 64KB MROM 64LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90497GPFM-GS-214</a><br>Description: IC MCU 16BIT 64KB MROM 64LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |

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