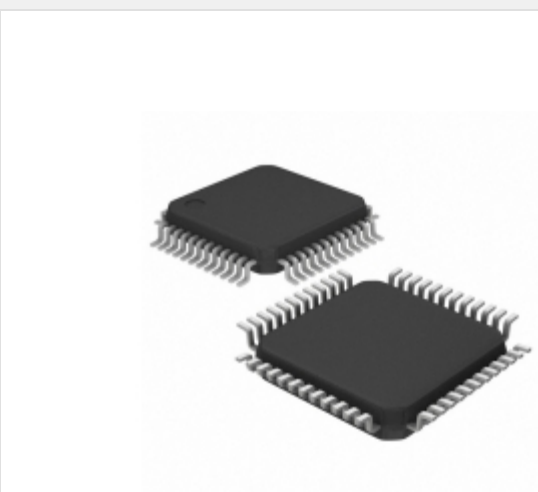


MB90387PMT-G-210E1





Part Number:

MB90387PMT-G-210E1

Manufacturer:

Cypress Semiconductor

Description:

IC MCU 16BIT 64KB MROM 48LQFP

Data sheet:

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

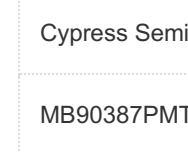
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                          |                                |                                |                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                | MB90387PMT-G-210E1             | Manufacturer                   | Cypress Semiconductor                                                                                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                | IC MCU 16BIT 64KB MROM 48LQFP  | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                         | 4537 pcs                       | Data sheet                     |                                                                                                                             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                   | Integrated Circuits (ICs)      | Voltage - Supply (Vcc/Vdd)     | 3.5 V ~ 5.5 V                                                                                                               |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                    | 48-LQFP (7x7)                  | Speed                          | 16MHz                                                                                                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                     | F <sup>3</sup> MC-16LX MB90385 | RAM Size                       | 2K x 8                                                                                                                      |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                        | Mask ROM                       | Program Memory Size            | 64KB (64K x 8)                                                                                                              |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                | POR, WDT                       | Packaging                      | Tray                                                                                                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                             | 48-LQFP                        | Oscillator Type                | External                                                                                                                    |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 105°C (TA)             | Number of I/O                  | 34                                                                                                                          |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                           | 3 (168 Hours)                  | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                  |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                | -                              | Detailed Description           | F <sup>3</sup> MC-16LX F <sup>3</sup> MC-16LX MB90385 Microcontroller IC 16-Bit 16MHz 64KB (64K x 8) Mask ROM 48-LQFP (7x7) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                            | A/D 8x8/10b                    | Core Size                      | 16-Bit                                                                                                                      |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                             | F <sup>3</sup> MC-16LX         | Connectivity                   | CANbus, SCI, UART/USART                                                                                                     |
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| RELATED PRODUCTS                                                                   |                                                                             |                                      |     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|--------------------------------------|-----|
|  | Part#: MB90387PMT-GS-155E1<br>Description: IC MCU 16BIT 64KB MROM 48LQFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90367TPMT-GS-001E1<br>Description: IC MCU 16BIT 64KB MROM 48LQFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90367TESPMT-GS-002E1<br>Description: IC MCU 16BIT 64KB MROM 48LQFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90387PMT-G-152<br>Description: IC MCU 16BIT 64KB MROM 48LQFP       | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90387PMT-GS-135E1<br>Description: IC MCU 16BIT 64KB MROM 48LQFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90367TEPMT-GS-110E1<br>Description: IC MCU 16BIT 64KB MROM 48LQFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90387PMT-GS-157E1<br>Description: IC MCU 16BIT 64KB MROM 48LQFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90387PMT-G-246E1<br>Description: IC MCU 16BIT 64KB MROM 48LQFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90387PMT-GS-142<br>Description: IC MCU 16BIT 64KB MROM 48LQFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90387PMT-G-184<br>Description: IC MCU 16BIT 64KB MROM 48LQFP       | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90387PMT-GS-157<br>Description: IC MCU 16BIT 64KB MROM 48LQFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90387PMT-G-190<br>Description: IC MCU 16BIT 64KB MROM 48LQFP       | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90387PMT-GS-112E1<br>Description: IC MCU 16BIT 64KB MROM 48LQFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90387PMT-G-210-JNE1<br>Description: IC MCU 16BIT 64KB MROM 48LQFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90387PMT-G-207E1<br>Description: IC MCU 16BIT 64KB MROM 48LQFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90367TESPMT-GE-002E1<br>Description: IC MCU 16BIT 64KB MROM 48LQFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90387PMT-GS-136E1<br>Description: IC MCU 16BIT 64KB MROM 48LQFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90387PMT-G-158<br>Description: IC MCU 16BIT 64KB MROM 48LQFP       | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90387PMT-GS-142E1<br>Description: IC MCU 16BIT 64KB MROM 48LQFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90387PMT-GS-112<br>Description: IC MCU 16BIT 64KB MROM 48LQFP      | Manufacturers: Cypress Semiconductor | RFQ |

|                                          |                                               |                             |                          |
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