



Cypress Semiconductor



Part Number:MB90387SPMT-GS-282E1

Manufacturer/Brand:Cypress Semiconductor

Product description:IC MCU 16BIT 64KB MROM 48LQFP

Datasheets:

RoHs Status:Lead free / RoHS Compliant

Stock Condition:3306 pcs stock

Ship From:Hong Kong

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

REQUEST FOR QUOTATION

Specifications of MB90387SPMT-GS-282E1

|                                  |                                                                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90387SPMT-GS-282E1                                                                                                        |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                       |
| DESCRIPTION                      | IC MCU 16BIT 64KB MROM 48LQFP                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                  |
| QUANTITY AVAILABLE               | 3306 pcs                                                                                                                    |
| DATA SHEET                       |                                                                                                                             |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.5 V ~ 5.5 V                                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 48-LQFP (7x7)                                                                                                               |
| SPEED                            | 16MHz                                                                                                                       |
| SERIES                           | F <sup>2</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                    | 36                                                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                  |
| EEPROM SIZE                      | -                                                                                                                           |
| DETAILED DESCRIPTION             | F <sup>2</sup> MC-16LX F <sup>2</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>2</sup> MC-16LX                                                                                                      |
| CONNECTIVITY                     | CANbus, SCI, UART/USART                                                                                                     |

Related Tags

|                                            |                                                 |                                                |
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| Cypress Semiconductor MB90387SPMT-GS-282E1 | MB90387SPMT-GS-282E1 Distributor                | MB90387SPMT-GS-282E1 Supplier                  |
| MB90387SPMT-GS-282E1 Price                 | MB90387SPMT-GS-282E1 Pictures                   | MB90387SPMT-GS-282E1 Image                     |
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Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MB90387SPMT-GS-284E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 48LQFP<br/>In stock: 5686 pcs<br/>RFQ</div>  | <div></div> <div><b>MB90387SPMT-GS-278E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 48LQFP<br/>In stock: 6244 pcs<br/>RFQ</div>  |
| <div></div> <div><b>MB90387SPMT-GS-287E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 48LQFP<br/>In stock: 2987 pcs<br/>RFQ</div>  | <div></div> <div><b>MB90387SPMT-GS-272E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 48LQFP<br/>In stock: 30477 pcs<br/>RFQ</div> |
| <div></div> <div><b>MB90387SPMT-GS-276E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 48LQFP<br/>In stock: 8309 pcs<br/>RFQ</div>  | <div></div> <div><b>MB90387SPMT-GS-283E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 48LQFP<br/>In stock: 5101 pcs<br/>RFQ</div>  |
| <div></div> <div><b>MB90387SPMT-GS-275E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 48LQFP<br/>In stock: 6865 pcs<br/>RFQ</div>  | <div></div> <div><b>MB90387SPMT-GS-285E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 48LQFP<br/>In stock: 7576 pcs<br/>RFQ</div>  |
| <div></div> <div><b>MB90387SPMT-GS-286E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 48LQFP<br/>In stock: 34484 pcs<br/>RFQ</div> | <div></div> <div><b>MB90387SPMT-GS-288E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 48LQFP<br/>In stock: 5586 pcs<br/>RFQ</div>  |
| <div></div> <div><b>MB90387SPMT-GS-277E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 48LQFP<br/>In stock: 3139 pcs<br/>RFQ</div>  | <div></div> <div><b>MB90387SPMT-GS-281E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 48LQFP<br/>In stock: 6817 pcs<br/>RFQ</div>  |

