



Cypress Semiconductor



Image may be representation. See specifications for product details.

MB90F387SPMCR-GE1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90F387SPMCR-GE1                                                                                            |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 64KB FLASH 48LQFP                                                                               |
| Datasheets:         |  MB90F387SPMCR-GE1.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4927 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MB90F387SPMCR-GE1

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90F387SPMCR-GE1                                                                                                        |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                    |
| DESCRIPTION                      | IC MCU 16BIT 64KB FLASH 48LQFP                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| QUANTITY AVAILABLE               | 4927 pcs                                                                                                                 |
| DATA SHEET                       |  MB90F387SPMCR-GE1.pdf                |
| 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              | FLASH                                                                                                                    |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                                                           |
| PERIPHERALS                      | POR, WDT                                                                                                                 |
| PACKAGING                        | Tray                                                                                                                     |
| PACKAGE / CASE                   | 48-LQFP                                                                                                                  |
| OTHER NAMES                      | CY90F387SPMCR-GE1                                                                                                        |
| 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) FLASH 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

|                                         |                                              |                                             |
|-----------------------------------------|----------------------------------------------|---------------------------------------------|
| Cypress Semiconductor MB90F387SPMCR-GE1 | MB90F387SPMCR-GE1 Distributor                | MB90F387SPMCR-GE1 Supplier                  |
| MB90F387SPMCR-GE1 Price                 | MB90F387SPMCR-GE1 Pictures                   | MB90F387SPMCR-GE1 Image                     |
| MB90F387SPMCR-GE1 PDF Datasheet         | MB90F387SPMCR-GE1 Download Datasheet         | MB90F387SPMCR-GE1 Datasheet                 |
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| Cypress Semiconductor MB90F387SPMCR-GE1 | Cypress Semiconductor Supplier               | Cypress Semiconductor Distributor           |
| Cypress Semiconductor MB90F387SPMCR-GE1 | Cypress Semiconductor Corp MB90F387SPMCR-GE1 |                                             |

Related Products

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                     |
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| <div><div><b>MB90F387SPMCR-G</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br/>In stock: 5516 pcs</div><div>RFQ</div></div>    | <div><div><b>MB90F387SPMCR-GS-N2E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT<br/>In stock: 4189 pcs</div><div>RFQ</div></div>                   |
| <div><div><b>MB90F387SPMCR-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br/>In stock: 4700 pcs</div><div>RFQ</div></div> | <div><div><b>MB90F387SPMT-GS</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br/>In stock: 6348 pcs</div><div>RFQ</div></div>       |
| <div><div><b>MB90F387SPMT-G</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br/>In stock: 4886 pcs</div><div>RFQ</div></div>     | <div><div><b>MB90F387SPMCR-G-EF2E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br/>In stock: 5143 pcs</div><div>RFQ</div></div> |
| <div><div><b>MB90F387SPMC-GE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br/>In stock: 5496 pcs</div><div>RFQ</div></div>   | <div><div><b>MB90F387SPMT-GS-9001</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br/>In stock: 5050 pcs</div><div>RFQ</div></div>  |
| <div><div><b>MB90F387PMT-GTE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br/>In stock: 5780 pcs</div><div>RFQ</div></div>   | <div><div><b>MB90F387SPMCR-GE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br/>In stock: 5137 pcs</div><div>RFQ</div></div>     |
| <div><div><b>MB90F387SPMC-GS</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br/>In stock: 5498 pcs</div><div>RFQ</div></div>    | <div><div><b>MB90F387SPMCR-G-EF2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br/>In stock: 6039 pcs</div><div>RFQ</div></div>   |