

MB90F387SPMT-GS



Part Number:

MB90F387SPMT-GS

Manufacturer:

Cypress Semiconductor

Description:

IC MCU 16BIT 64KB FLASH 48LQFP

Data sheet:

 [MB90387\(S\),F387\(S\),V495G](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

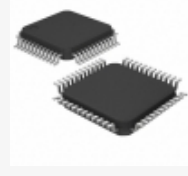
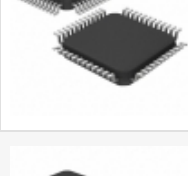
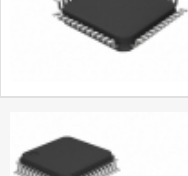
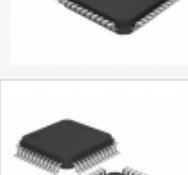
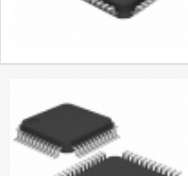
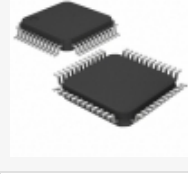
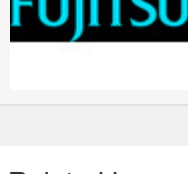
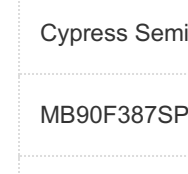
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                |                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MB90F387SPMT-GS                           | Manufacturer                   | <a href="#">Cypress Semiconductor</a>                                                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC MCU 16BIT 64KB FLASH 48LQFP            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 6824 pcs                                  | Data sheet                     | <a href="#">MB90387(S),F387(S),V495G</a>                                                                                 |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a> | 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                                   | 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                                                                                                  |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Cypress Semiconductor series electronic components. We have 6824 pieces of Cypress Semiconductor MB90F387SPMT-GS in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                |                                                                                                                          |

| RELATED PRODUCTS                                                                   |                                                                                              |                                                                  |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MB90F387SPMCR-G</a><br>Description: IC MCU 16BIT 64KB FLASH 48LQFP        | Manufacturers: <a href="#">Cypress Semiconductor</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F387SPMT-G</a><br>Description: IC MCU 16BIT 64KB FLASH 48LQFP         | Manufacturers: <a href="#">Cypress Semiconductor</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F387SPMCR-G-EF2E2</a><br>Description: IC MCU 16BIT 64KB FLASH 48LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F387SPMT-GS-9001</a><br>Description: IC MCU 16BIT 64KB FLASH 48LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F387SPMT-GS-9002E1</a><br>Description: IC MCU 16BIT 64KB FLASH 48LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F387SPMCR-GS-N2E1</a><br>Description: IC MCU 16BIT                    | Manufacturers: <a href="#">Cypress Semiconductor</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F387SZPMT-G</a><br>Description: IC MCU 16BIT 64KB FLASH 48LQFP        | Manufacturers: <a href="#">Cypress Semiconductor</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F387SPMT-GS-9002</a><br>Description: IC MCU 16BIT 64KB FLASH 48LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F387SPMCR-GE2</a><br>Description: IC MCU 16BIT 64KB FLASH 48LQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F387SZPMT-GS</a><br>Description: IC MCU 16BIT 64KB FLASH 48LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F387SPMT-GS-N2E1</a><br>Description: IC MCU 16BIT 64KB FLASH 48LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F387SPMC-GE2</a><br>Description: IC MCU 16BIT 64KB FLASH 48LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F387SPMCR-GE1</a><br>Description: IC MCU 16BIT 64KB FLASH 48LQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F387SPMCR-G-EF2</a><br>Description: IC MCU 16BIT 64KB FLASH 48LQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F387SZPMT-GSE1</a><br>Description: IC MCU 16BIT 64KB FLASH 48LQFP     | Manufacturers: <a href="#">Cypress Semiconductor</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F387SPMC-GS</a><br>Description: IC MCU 16BIT 64KB FLASH 48LQFP        | Manufacturers: <a href="#">Cypress Semiconductor</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F387SPMT-GTE1</a><br>Description: IC MCU 16BIT 64KB FLASH 48LQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F387SPMT-GS-9003</a><br>Description: IC MCU 16BIT 64KB FLASH 48LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F387SPMCR-GSE2</a><br>Description: IC MCU 16BIT 64KB FLASH 48LQFP     | Manufacturers: <a href="#">Cypress Semiconductor</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F387SPMT-GSE1</a><br>Description: IC MCU 16BIT 64KB FLASH 48LQFP      | Manufacturers: <a href="#">Fujitsu Electronics America, Inc.</a> | <div>RFQ</div> |

| Related keywords for MB90F387SPMT-GS  |                                            |                          |                       |
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