



MB90F387SPMT-GTE1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90F387SPMT-GTE1                                                                                            |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 64KB FLASH 48LQFP                                                                               |
| Datasheets:         |  MB90F387SPMT-GTE1.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4592 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MB90F387SPMT-GTE1

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90F387SPMT-GTE1                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                     |
| DESCRIPTION                      | IC MCU 16BIT 64KB FLASH 48LQFP                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| QUANTITY AVAILABLE               | 4592 pcs                                                                                                  |
| DATA SHEET                       |  MB90F387SPMT-GTE1.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.5 V ~ 5.5 V                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 48-LQFP (7x7)                                                                                             |
| SPEED                            | 16MHz                                                                                                     |
| SERIES                           | F²MC-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                      | CY90F387SPMT-GTE1                                                                                         |
| 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             | F²MC-16LX F²MC-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                   | F²MC-16LX                                                                                                 |
| CONNECTIVITY                     | CANbus, SCI, UART/USART                                                                                   |

Related Tags

|                                         |                                              |                                             |
|-----------------------------------------|----------------------------------------------|---------------------------------------------|
| Cypress Semiconductor MB90F387SPMT-GTE1 | MB90F387SPMT-GTE1 Distributor                | MB90F387SPMT-GTE1 Supplier                  |
| MB90F387SPMT-GTE1 Price                 | MB90F387SPMT-GTE1 Pictures                   | MB90F387SPMT-GTE1 Image                     |
| MB90F387SPMT-GTE1 PDF Datasheet         | MB90F387SPMT-GTE1 Download Datasheet         | MB90F387SPMT-GTE1 Datasheet                 |
| MB90F387SPMT-GTE1 Stock                 | Buy MB90F387SPMT-GTE1                        | Buy Cypress Semiconductor MB90F387SPMT-GTE1 |
| Cypress Semiconductor MB90F387SPMT-GTE1 | Cypress Semiconductor Supplier               | Cypress Semiconductor Distributor           |
| Cypress Semiconductor MB90F387SPMT-GTE1 | Cypress Semiconductor Corp MB90F387SPMT-GTE1 |                                             |

Related Products

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| <div></div> <div><b>MB90F387SZPMT-G</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br/>In stock: 5143 pcs<br/><div>RFQ</div></div>                | <div></div> <div><b>MB90F387SPMT-GS-9002E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br/>In stock: 8648 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MB90F387SZPMT-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br/>In stock: 5080 pcs<br/><div>RFQ</div></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<br/><div>RFQ</div></div>   |
| <div></div> <div><b>MB90F387ZPMT-G</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br/>In stock: 5511 pcs<br/><div>RFQ</div></div>                 | <div></div> <div><b>MB90F387SPMT-GS-N2E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br/>In stock: 4524 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>MB90F387SZPMT-GT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br/>In stock: 5792 pcs<br/><div>RFQ</div></div>               | <div></div> <div><b>MB90F387SPMT-GS-9003</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br/>In stock: 4327 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>MB90F387SPMT-GS-9002</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br/>In stock: 5647 pcs<br/><div>RFQ</div></div>           | <div></div> <div><b>MB90F387SZPMT-GTE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br/>In stock: 5679 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>MB90F387SPMT-GSE1</b><br/>Manufacturers: Fujitsu Electronics America, Inc.<br/>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br/>In stock: 20028 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MB90F387SZPMT-GS</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br/>In stock: 4669 pcs<br/><div>RFQ</div></div>       |