



MB90F962SPMCR-GS-ERE1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90F962SPMCR-GS-ERE1                                                                                        |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 64KB FLASH 48LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 24766 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MB90F962SPMCR-GS-ERE1

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90F962SPMCR-GS-ERE1                                                                                                    |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                    |
| DESCRIPTION                      | IC MCU 16BIT 64KB FLASH 48LQFP                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| QUANTITY AVAILABLE               | 24766 pcs                                                                                                                |
| DATA SHEET                       |                                                                                                                          |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.5 V ~ 5.5 V                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 48-LQFP (7x7)                                                                                                            |
| SPEED                            | 24MHz                                                                                                                    |
| SERIES                           | F <sup>2</sup> MC-16LX MB90960                                                                                           |
| RAM SIZE                         | 3K x 8                                                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                    |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                                                           |
| PERIPHERALS                      | POR, WDT                                                                                                                 |
| PACKAGING                        | Tape & Reel (TR)                                                                                                         |
| PACKAGE / CASE                   | 48-LQFP                                                                                                                  |
| OTHER NAMES                      | CY90F962SPMCR-GS-ERE1                                                                                                    |
| 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 MB90960 Microcontroller IC 16-Bit 24MHz 64KB (64K x 8) FLASH 48-LQFP (7x7) |
| DATA CONVERTERS                  | A/D 16x8/10b                                                                                                             |
| CORE SIZE                        | 16-Bit                                                                                                                   |
| CORE PROCESSOR                   | F <sup>2</sup> MC-16LX                                                                                                   |
| CONNECTIVITY                     | LINbus, UART/USART                                                                                                       |

Related Tags

|                                             |                                                  |                                                 |
|---------------------------------------------|--------------------------------------------------|-------------------------------------------------|
| Cypress Semiconductor MB90F962SPMCR-GS-ERE1 | MB90F962SPMCR-GS-ERE1 Distributor                | MB90F962SPMCR-GS-ERE1 Supplier                  |
| MB90F962SPMCR-GS-ERE1 Price                 | MB90F962SPMCR-GS-ERE1 Pictures                   | MB90F962SPMCR-GS-ERE1 Image                     |
| MB90F962SPMCR-GS-ERE1 PDF Datasheet         | MB90F962SPMCR-GS-ERE1 Download Datasheet         | MB90F962SPMCR-GS-ERE1 Datasheet                 |
| MB90F962SPMCR-GS-ERE1 Stock                 | Buy MB90F962SPMCR-GS-ERE1                        | Buy Cypress Semiconductor MB90F962SPMCR-GS-ERE1 |
| Cypress Semiconductor MB90F962SPMCR-GS-ERE1 | Cypress Semiconductor Supplier                   | Cypress Semiconductor Distributor               |
| Cypress Semiconductor MB90F962SPMCR-GS-ERE1 | Cypress Semiconductor Corp MB90F962SPMCR-GS-ERE1 |                                                 |

Related Products

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| <div></div> <div><b>MB90F962SPMT-GS-ERE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br/>In stock: 5470 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>MB90F997JBSPMC-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 48LQFP<br/>In stock: 16360 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MB90F997MASPMC-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 48LQFP<br/>In stock: 4483 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>MB90F962PMCR-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br/>In stock: 5150 pcs<br/><div>RFQ</div></div>      |
| <div></div> <div><b>MB90F952JDSPMC-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100LQFP<br/>In stock: 13016 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MB90F997JAPMC-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 48LQFP<br/>In stock: 5012 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>MB90F952MDSPMC-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100LQFP<br/>In stock: 4581 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>MB90F997JASPMC-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 48LQFP<br/>In stock: 4702 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MB90F962SPMCR-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br/>In stock: 3360 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>MB90F962SPMCR-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br/>In stock: 7088 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>MB90F949PFR-GS</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100QFP<br/>In stock: 3903 pcs<br/><div>RFQ</div></div>        | <div></div> <div><b>MB90F952MDSPMC-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100LQFP<br/>In stock: 4836 pcs<br/><div>RFQ</div></div>  |