



Cypress Semiconductor

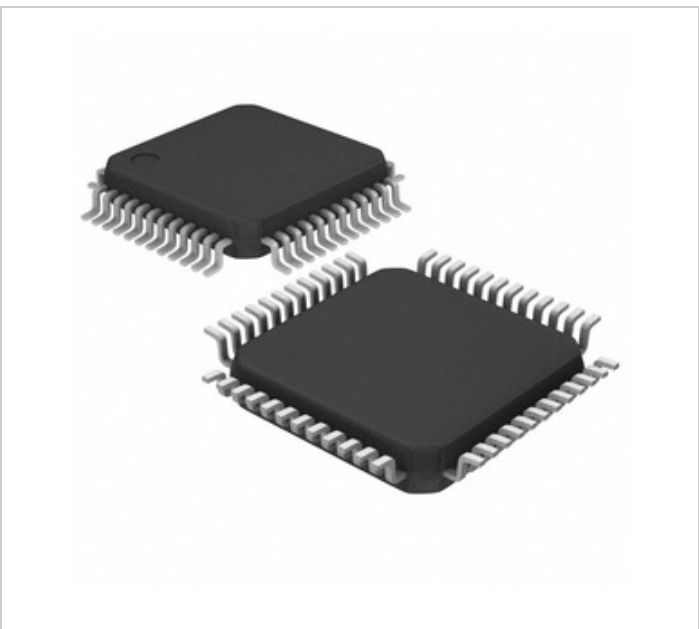


Image may be representation. See specifications for product details.

MB90F362ESPMT-GE1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90F362ESPMT-GE1                                                                                            |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 64KB FLASH 48LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4322 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

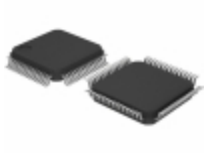
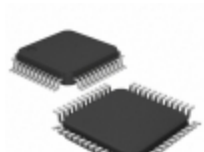
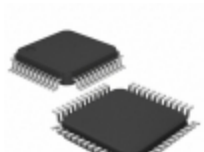
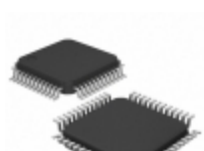
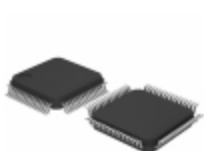
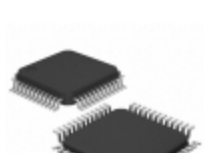
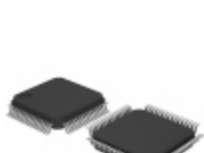
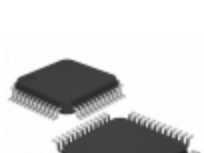
Specifications of MB90F362ESPMT-GE1

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90F362ESPMT-GE1                                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                     |
| DESCRIPTION                      | IC MCU 16BIT 64KB FLASH 48LQFP                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                |
| QUANTITY AVAILABLE               | 4322 pcs                                                                                                                  |
| DATA SHEET                       |                                                                                                                           |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 48-LQFP (7x7)                                                                                                             |
| SPEED                            | 24MHz                                                                                                                     |
| SERIES                           | F <sup>2</sup> MC-16LX MB90360E                                                                                           |
| RAM SIZE                         | 3K x 8                                                                                                                    |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                     |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                                                            |
| PERIPHERALS                      | DMA, 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 MB90360E 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                     | CANbus, LINbus, UART/USART                                                                                                |

Related Tags

|                                         |                                              |                                             |
|-----------------------------------------|----------------------------------------------|---------------------------------------------|
| Cypress Semiconductor MB90F362ESPMT-GE1 | MB90F362ESPMT-GE1 Distributor                | MB90F362ESPMT-GE1 Supplier                  |
| MB90F362ESPMT-GE1 Price                 | MB90F362ESPMT-GE1 Pictures                   | MB90F362ESPMT-GE1 Image                     |
| MB90F362ESPMT-GE1 PDF Datasheet         | MB90F362ESPMT-GE1 Download Datasheet         | MB90F362ESPMT-GE1 Datasheet                 |
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| Cypress Semiconductor MB90F362ESPMT-GE1 | Cypress Semiconductor Corp MB90F362ESPMT-GE1 |                                             |

Related Products

|                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MB90F362ESPMT-G-JNE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br/>In stock: 5430 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MB90F357TESPMC1-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 64LQFP<br/>In stock: 5055 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MB90F362ESPMCR-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br/>In stock: 5328 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>MB90F362ESPMT-GS-AE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br/>In stock: 5292 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MB90F362TESPMCR-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br/>In stock: 5225 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>MB90F362ESPMT-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br/>In stock: 8820 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>MB90F362TEPMT-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br/>In stock: 5642 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>MB90F357TESPMC1-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 64LQFP<br/>In stock: 5165 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MB90F362ESPMCR-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br/>In stock: 10847 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>MB90F362TEPMCR-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br/>In stock: 5126 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>MB90F357TESPMC-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 64LQFP<br/>In stock: 4076 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>MB90F362TESPMCR-GN9E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT<br/>In stock: 5513 pcs<br/><div>RFQ</div></div>                   |