

MB90437LPF-GS-524E1



**Part Number:** MB90437LPF-GS-524E1

**Manufacturer:** Cypress Semiconductor

**Description:** IC MCU 16BIT 64KB MROM 100QFP

**Data sheet:**

**RoHs Status:** Lead free / RoHS Compliant

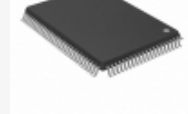
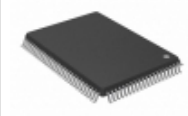
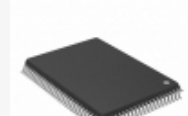
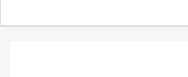
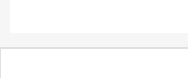
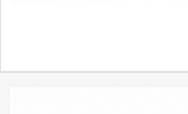
**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                           |                               |                                |                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--------------------------------|------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                 | MB90437LPF-GS-524E1           | Manufacturer                   | Cypress Semiconductor                                                                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                 | IC MCU 16BIT 64KB MROM 100QFP | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                          | 5968 pcs                      | Data sheet                     |                                                                                                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                    | Integrated Circuits (ICs)     | Voltage - Supply (Vcc/Vdd)     | 3.5 V ~ 5.5 V                                                                                        |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                     | 100-PQFP (20x14)              | Speed                          | 16MHz                                                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                      | F*MC-16LX MB90435             | RAM Size                       | 2K x 8                                                                                               |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                         | Mask ROM                      | Program Memory Size            | 64KB (64K x 8)                                                                                       |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                 | POR, WDT                      | Packaging                      | Tray                                                                                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                              | 100-BQFP                      | Oscillator Type                | External                                                                                             |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                       | -40°C ~ 105°C (TA)            | Number of I/O                  | 81                                                                                                   |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                            | 3 (168 Hours)                 | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                           |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                 | -                             | Detailed Description           | F*MC-16LX F*MC-16LX MB90435 Microcontroller IC 16-Bit 16MHz 64KB (64K x 8) Mask ROM 100-PQFP (20x14) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                             | A/D 8x8/10b                   | Core Size                      | 16-Bit                                                                                               |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                              | F*MC-16LX                     | Connectivity                   | EBI/EMI, SCI, Serial I/O, UART/USART                                                                 |
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| RELATED PRODUCTS                                                                   |                                                                                |                                      |     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------------------------------------|-----|
|  | Part#: MB90438LSPFV-G-502-JNE1<br>Description: IC MCU 16BIT 128KB MROM 100LQFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90438LSPFV-G-287E1<br>Description: IC MCU 16BIT 128KB MROM 100LQFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90428GCZPFV-GS-229E1<br>Description: IC MCU 16BIT 128KB MROM 100LQFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90437LPF-GS-235-BND<br>Description: IC MCU 16BIT 64KB MROM 100QFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90428GCPMC-GS-349E1<br>Description: IC MCU 16BIT 128KB MROM 100LQFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90438LSPFV-G-510E1<br>Description: IC MCU 16BIT 128KB MROM 100LQFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90437LPF-GS-418E1<br>Description: IC MCU 16BIT 64KB MROM 100QFP       | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90438LSPFV-G-501E1<br>Description: IC MCU 16BIT 128KB MROM 100LQFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90438LSPFV-G-515E1<br>Description: IC MCU 16BIT 128KB MROM 100LQFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90437LPF-GS-472E1<br>Description: IC MCU 16BIT 64KB MROM 100QFP       | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90438LSPFV-G-502E1<br>Description: IC MCU 16BIT 128KB MROM 100LQFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90438LSPFV-G-526-JNE1<br>Description: IC MCU 16BIT 128KB MROM 100LQFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90438LSPFV-G-526E1<br>Description: IC MCU 16BIT 128KB MROM 100LQFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90428GCPMC-GS-529E1<br>Description: IC MCU 16BIT 128KB MROM 100LQFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90428GCPMC-GS-532E1<br>Description: IC MCU 16BIT 128KB MROM 100LQFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90437LPF-GS-421E1<br>Description: IC MCU 16BIT 64KB MROM 100QFP       | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90428GCZPFV-GS-305E1<br>Description: IC MCU 16BIT 128KB MROM 100LQFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90437LPF-GS-354<br>Description: IC MCU 16BIT 64KB MROM 100QFP         | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90438LSPFV-G-525E1<br>Description: IC MCU 16BIT 128KB MROM 100LQFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90438LSPFV-G-529-JNE1<br>Description: IC MCU 16BIT 128KB MROM 100LQFP | Manufacturers: Cypress Semiconductor | RFQ |

|                                           |                                                |                              |                           |
|-------------------------------------------|------------------------------------------------|------------------------------|---------------------------|
| Related keywords for MB90437LPF-GS-524E1  |                                                |                              |                           |
| Cypress Semiconductor MB90437LPF-GS-524E1 | MB90437LPF-GS-524E1 distributor                | MB90437LPF-GS-524E1 supplier | MB90437LPF-GS-524E1 price |
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