



Cypress Semiconductor



Image may be representation. See specifications for product details.

MB90438LSPMC-G-568E1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90438LSPMC-G-568E1                                                                                         |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 128KB MROM 100LQFP                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5287 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MB90438LSPMC-G-568E1

|                                  |                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90438LSPMC-G-568E1                                                                                                             |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                            |
| DESCRIPTION                      | IC MCU 16BIT 128KB MROM 100LQFP                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                       |
| QUANTITY AVAILABLE               | 5287 pcs                                                                                                                         |
| DATA SHEET                       |                                                                                                                                  |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.5 V ~ 5.5 V                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                                                                 |
| SPEED                            | 16MHz                                                                                                                            |
| SERIES                           | F <sup>2</sup> MC-16LX MB90435                                                                                                   |
| RAM SIZE                         | 4K x 8                                                                                                                           |
| PROGRAM MEMORY TYPE              | Mask ROM                                                                                                                         |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                                                 |
| PERIPHERALS                      | POR, WDT                                                                                                                         |
| PACKAGING                        | Tray                                                                                                                             |
| PACKAGE / CASE                   | 100-LQFP                                                                                                                         |
| 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 <sup>2</sup> MC-16LX F <sup>2</sup> MC-16LX MB90435 Microcontroller IC 16-Bit 16MHz 128KB (128K x 8) Mask ROM 100-LQFP (14x14) |
| DATA CONVERTERS                  | A/D 8x8/10b                                                                                                                      |
| CORE SIZE                        | 16-Bit                                                                                                                           |
| CORE PROCESSOR                   | F <sup>2</sup> MC-16LX                                                                                                           |
| CONNECTIVITY                     | EBI/EMI, SCI, Serial I/O, UART/USART                                                                                             |

Related Tags

|                                            |                                                 |                                                |
|--------------------------------------------|-------------------------------------------------|------------------------------------------------|
| Cypress Semiconductor MB90438LSPMC-G-568E1 | MB90438LSPMC-G-568E1 Distributor                | MB90438LSPMC-G-568E1 Supplier                  |
| MB90438LSPMC-G-568E1 Price                 | MB90438LSPMC-G-568E1 Pictures                   | MB90438LSPMC-G-568E1 Image                     |
| MB90438LSPMC-G-568E1 PDF Datasheet         | MB90438LSPMC-G-568E1 Download Datasheet         | MB90438LSPMC-G-568E1 Datasheet                 |
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| Cypress Semiconductor MB90438LSPMC-G-568E1 | Cypress Semiconductor Supplier                  | Cypress Semiconductor Distributor              |
| Cypress Semiconductor MB90438LSPMC-G-568E1 | Cypress Semiconductor Corp MB90438LSPMC-G-568E1 |                                                |

Related Products

|                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                        |
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| <div><div><b>MB90438LSPMC-G-XXXE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 128KB MROM 100LQFP<br/>In stock: 3461 pcs</div><div>RFQ</div></div>     | <div><div><b>MB90439PFV-G-464E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100LQFP<br/>In stock: 7038 pcs</div><div>RFQ</div></div>      |
| <div><div><b>MB90438LSPMC-G-557E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 5111 pcs</div><div>RFQ</div></div>    | <div><div><b>MB90438LSPMC-G-567E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 5406 pcs</div><div>RFQ</div></div>    |
| <div><div><b>MB90439PFV-G-366E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100LQFP<br/>In stock: 6840 pcs</div><div>RFQ</div></div>      | <div><div><b>MB90438LSPMC-G-572E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 5406 pcs</div><div>RFQ</div></div>    |
| <div><div><b>MB90439PFV-G-463E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100LQFP<br/>In stock: 6744 pcs</div><div>RFQ</div></div>      | <div><div><b>MB90438LSPMC-G-565-JNE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 6925 pcs</div><div>RFQ</div></div> |
| <div><div><b>MB90438LSPMC-G-566-JNE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 5018 pcs</div><div>RFQ</div></div> | <div><div><b>MB90438LSPMC-G-559E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 4757 pcs</div><div>RFQ</div></div>    |
| <div><div><b>MB90438LSPMC-G-561E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 6371 pcs</div><div>RFQ</div></div>    | <div><div><b>MB90439PFV-G-462E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100LQFP<br/>In stock: 6910 pcs</div><div>RFQ</div></div>      |