



Cypress Semiconductor



Image may be representation. See specifications for product details.

MB90F438LPMC-G

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90F438LPMC-G                                                                                               |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 128KB FLASH 100LQFP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3783 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

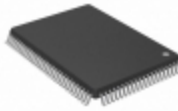
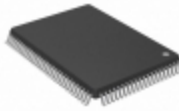
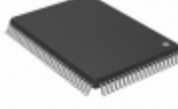
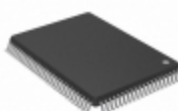
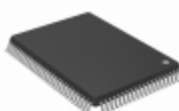
Specifications of MB90F438LPMC-G

|                                  |                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90F438LPMC-G                                                                                                                |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                         |
| DESCRIPTION                      | IC MCU 16BIT 128KB FLASH 100LQFP                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                    |
| QUANTITY AVAILABLE               | 3783 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              | FLASH                                                                                                                         |
| 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) FLASH 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 MB90F438LPMC-G | MB90F438LPMC-G Distributor                | MB90F438LPMC-G Supplier                  |
| MB90F438LPMC-G Price                 | MB90F438LPMC-G Pictures                   | MB90F438LPMC-G Image                     |
| MB90F438LPMC-G PDF Datasheet         | MB90F438LPMC-G Download Datasheet         | MB90F438LPMC-G Datasheet                 |
| MB90F438LPMC-G Stock                 | Buy MB90F438LPMC-G                        | Buy Cypress Semiconductor MB90F438LPMC-G |
| Cypress Semiconductor MB90F438LPMC-G | Cypress Semiconductor Supplier            | Cypress Semiconductor Distributor        |
| Cypress Semiconductor MB90F438LPMC-G | Cypress Semiconductor Corp MB90F438LPMC-G |                                          |

Related Products

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>MB90F438LSPFV-G-FLE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100LQFP<br/>In stock: 4022 pcs</div><div>RFQ</div></div> | <div><div><b>MB90F428GCZPFV-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100LQFP<br/>In stock: 4558 pcs</div><div>RFQ</div></div> |
| <div><div><b>MB90F438LSPF-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 4580 pcs</div><div>RFQ</div></div>      | <div><div><b>MB90F438LSPFR-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 6014 pcs</div><div>RFQ</div></div>    |
| <div><div><b>MB90F438LSPFR-G</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 3961 pcs</div><div>RFQ</div></div>       | <div><div><b>MB90F428GCPMC3-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100LQFP<br/>In stock: 4891 pcs</div><div>RFQ</div></div> |
| <div><div><b>MB90F428GCPMC-GS</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100LQFP<br/>In stock: 4286 pcs</div><div>RFQ</div></div>     | <div><div><b>MB90F428GCPMC-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100LQFP<br/>In stock: 4887 pcs</div><div>RFQ</div></div>  |
| <div><div><b>MB90F428GCPMC-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100LQFP<br/>In stock: 3886 pcs</div><div>RFQ</div></div>    | <div><div><b>MB90F428GCPMC-G</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100LQFP<br/>In stock: 3915 pcs</div><div>RFQ</div></div>     |
| <div><div><b>MB90F438LSPF-G</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 4884 pcs</div><div>RFQ</div></div>        | <div><div><b>MB90F438LSPFR-G-FLE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH 100QFP<br/>In stock: 4408 pcs</div><div>RFQ</div></div> |