



MB90931PMC-GS-131E1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90931PMC-GS-131E1                                                                                          |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 128KB MROM 120LQFP                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

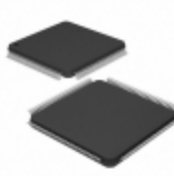
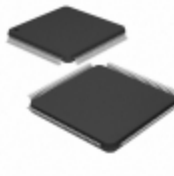
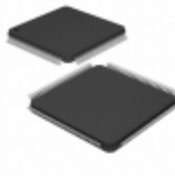
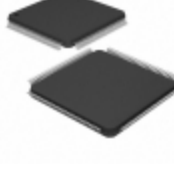
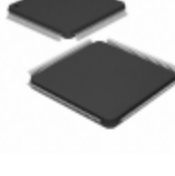
Specifications of MB90931PMC-GS-131E1

|                                  |                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90931PMC-GS-131E1                                                                                                              |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                            |
| DESCRIPTION                      | IC MCU 16BIT 128KB MROM 120LQFP                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                       |
| DATA SHEET                       |                                                                                                                                  |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.7 V ~ 5.5 V                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 120-LQFP (16x16)                                                                                                                 |
| SPEED                            | 32MHz                                                                                                                            |
| SERIES                           | F <sup>2</sup> MC-16LX MB90930                                                                                                   |
| RAM SIZE                         | 8K x 8                                                                                                                           |
| PROGRAM MEMORY TYPE              | Mask ROM                                                                                                                         |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                                                 |
| PERIPHERALS                      | LCD, LVD, POR, PWM, WDT                                                                                                          |
| PACKAGING                        | Tray                                                                                                                             |
| PACKAGE / CASE                   | 120-LQFP                                                                                                                         |
| OTHER NAMES                      | CY90931PMC-GS-131E1                                                                                                              |
| OSCILLATOR TYPE                  | External                                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                               |
| NUMBER OF I/O                    | 91                                                                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                    |
| MANUFACTURER STANDARD LEAD TIME  | 17 Weeks                                                                                                                         |
| 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 MB90930 Microcontroller IC 16-Bit 32MHz 128KB (128K x 8) Mask ROM 120-LQFP (16x16) |
| DATA CONVERTERS                  | A/D 24x8/10b                                                                                                                     |
| CORE SIZE                        | 16-Bit                                                                                                                           |
| CORE PROCESSOR                   | F <sup>2</sup> MC-16LX                                                                                                           |
| CONNECTIVITY                     | CANbus, LINbus, SCI, UART/USART                                                                                                  |

Related Tags

|                                           |                                                |                                               |
|-------------------------------------------|------------------------------------------------|-----------------------------------------------|
| Cypress Semiconductor MB90931PMC-GS-131E1 | MB90931PMC-GS-131E1 Distributor                | MB90931PMC-GS-131E1 Supplier                  |
| MB90931PMC-GS-131E1 Price                 | MB90931PMC-GS-131E1 Pictures                   | MB90931PMC-GS-131E1 Image                     |
| MB90931PMC-GS-131E1 PDF Datasheet         | MB90931PMC-GS-131E1 Download Datasheet         | MB90931PMC-GS-131E1 Datasheet                 |
| MB90931PMC-GS-131E1 Stock                 | Buy MB90931PMC-GS-131E1                        | Buy Cypress Semiconductor MB90931PMC-GS-131E1 |
| Cypress Semiconductor MB90931PMC-GS-131E1 | Cypress Semiconductor Supplier                 | Cypress Semiconductor Distributor             |
| Cypress Semiconductor MB90931PMC-GS-131E1 | Cypress Semiconductor Corp MB90931PMC-GS-131E1 |                                               |

Related Products

|                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                           |
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| <div></div> <div><b>MB90931PMC-GS-128E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 120LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>MB90931PMC-GS-107E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 120LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>MB90931PMC-GS-122E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 120LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>MB90931PMC-GS-126E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 120LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>MB90931PMC-GS-132E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 120LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>MB90947APFR-GS-102</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>MB90931PMC-GS-134E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 120LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>MB90931PMC-GS-123E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 120LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>MB90947APF-GS-110-ERE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>MB90931PMC-GS-133E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 120LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>MB90947APFR-GS-102E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>MB90931PMC-GS-112E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 120LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |