



Cypress Semiconductor



MB90351ESPMCR-GS-131E1

Part Number: MB90351ESPMCR-GS-131E1

Manufacturer/Brand: Cypress Semiconductor

Product description: IC MCU 16BIT 64KB MROM 64LQFP

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.

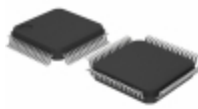
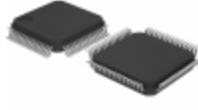
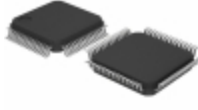
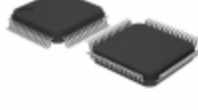
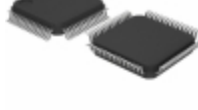
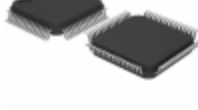
Specifications of MB90351ESPMCR-GS-131E1

|                                  |                                                                                                                                |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90351ESPMCR-GS-131E1                                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                          |
| DESCRIPTION                      | IC MCU 16BIT 64KB MROM 64LQFP                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                     |
| DATA SHEET                       |                                                                                                                                |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.5 V ~ 5.5 V                                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (12x12)                                                                                                                |
| SPEED                            | 24MHz                                                                                                                          |
| SERIES                           | F <sup>2</sup> MC-16LX MB90350E                                                                                                |
| RAM SIZE                         | 4K x 8                                                                                                                         |
| PROGRAM MEMORY TYPE              | Mask ROM                                                                                                                       |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                                                                 |
| PERIPHERALS                      | DMA, LVD, POR, WDT                                                                                                             |
| PACKAGING                        | Tray                                                                                                                           |
| PACKAGE / CASE                   | 64-LQFP                                                                                                                        |
| OTHER NAMES                      | CY90351ESPMCR-GS-131E1                                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                             |
| NUMBER OF I/O                    | 51                                                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                  |
| MANUFACTURER STANDARD LEAD TIME  | 27 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 MB90350E Microcontroller IC 16-Bit 24MHz 64KB (64K x 8) Mask ROM 64-LQFP (12x12) |
| DATA CONVERTERS                  | A/D 15x8/10b                                                                                                                   |
| CORE SIZE                        | 16-Bit                                                                                                                         |
| CORE PROCESSOR                   | F <sup>2</sup> MC-16LX                                                                                                         |
| CONNECTIVITY                     | CANbus, EBI/EMI, I <sup>2</sup> C, LINbus, UART/USART                                                                          |

Related Tags

|                                              |                                                   |                                                  |
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Related Products

|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MB90352ASPMC-GS-104E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 64LQFP<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>MB90352ASPMC-GS-106E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 64LQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MB90351ESPMC1-G-256SNYE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 64LQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MB90351ESPMC1-GT-167E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 64LQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MB90352ASPMC-GS-102E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 64LQFP<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>MB90351ESPMC1-GT-127E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 64LQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MB90352ASPMC-GS-105E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 64LQFP<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>MB90352ASPMC-GS-103E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 64LQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MB90352ASPMC-GS-107E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 64LQFP<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>MB90351ESPMC1-GT-132E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 64LQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MB90351ESPMC1-G-195SNYE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 64LQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MB90351ESPMC1-GT-179E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 64LQFP<br/>In stock: Out stock<br/>RFQ</div> |