



Cypress Semiconductor



### MB91213APMC-GS-151E1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB91213APMC-GS-151E1                                                                                         |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 32BIT 544KB MROM 144LQFP                                                                              |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4054 pcs stock                                                                                               |
| 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 MB91213APMC-GS-151E1

|                                  |                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB91213APMC-GS-151E1                                                                                |
| MANUFACTURER                     | Cypress Semiconductor                                                                               |
| DESCRIPTION                      | IC MCU 32BIT 544KB MROM 144LQFP                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                          |
| QUANTITY AVAILABLE               | 4054 pcs                                                                                            |
| DATA SHEET                       |                                                                                                     |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                                    |
| SPEED                            | 40MHz                                                                                               |
| SERIES                           | FR MB91210                                                                                          |
| RAM SIZE                         | 24K x 8                                                                                             |
| PROGRAM MEMORY TYPE              | Mask ROM                                                                                            |
| PROGRAM MEMORY SIZE              | 544KB (544K x 8)                                                                                    |
| PERIPHERALS                      | DMA, WDT                                                                                            |
| PACKAGING                        | Tray                                                                                                |
| PACKAGE / CASE                   | 144-LQFP                                                                                            |
| OSCILLATOR TYPE                  | External                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                  |
| NUMBER OF I/O                    | 118                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                          |
| EEPROM SIZE                      | -                                                                                                   |
| DETAILED DESCRIPTION             | FR60Lite RISC FR MB91210 Microcontroller IC 32-Bit 40MHz 544KB (544K x 8) Mask ROM 144-LQFP (20x20) |
| DATA CONVERTERS                  | A/D 32x10b                                                                                          |
| CORE SIZE                        | 32-Bit                                                                                              |
| CORE PROCESSOR                   | FR60Lite RISC                                                                                       |
| CONNECTIVITY                     | CANbus, LINbus, SPI, UART/USART                                                                     |

#### Related Tags

|                                            |                                                 |                                                |
|--------------------------------------------|-------------------------------------------------|------------------------------------------------|
| Cypress Semiconductor MB91213APMC-GS-151E1 | MB91213APMC-GS-151E1 Distributor                | MB91213APMC-GS-151E1 Supplier                  |
| MB91213APMC-GS-151E1 Price                 | MB91213APMC-GS-151E1 Pictures                   | MB91213APMC-GS-151E1 Image                     |
| MB91213APMC-GS-151E1 PDF Datasheet         | MB91213APMC-GS-151E1 Download Datasheet         | MB91213APMC-GS-151E1 Datasheet                 |
| MB91213APMC-GS-151E1 Stock                 | Buy MB91213APMC-GS-151E1                        | Buy Cypress Semiconductor MB91213APMC-GS-151E1 |
| Cypress Semiconductor MB91213APMC-GS-151E1 | Cypress Semiconductor Supplier                  | Cypress Semiconductor Distributor              |
| Cypress Semiconductor MB91213APMC-GS-151E1 | Cypress Semiconductor Corp MB91213APMC-GS-151E1 |                                                |

#### Related Products

|                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MB91213APMC-GS-154K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB MROM 144LQFP<br/>In stock: 6677 pcs</div> <div>RFQ</div> |  <div><b>MB91213APMC-GS-153K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB MROM 144LQFP<br/>In stock: 5647 pcs</div> <div>RFQ</div> |
|  <div><b>MB91213APMC-GS-151K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB MROM 144LQFP<br/>In stock: 5682 pcs</div> <div>RFQ</div> |  <div><b>MB91213APMC-GS-149K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB MROM 144LQFP<br/>In stock: 6406 pcs</div> <div>RFQ</div> |
|  <div><b>MB91213APMC-GS-148K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB MROM 144LQFP<br/>In stock: 7317 pcs</div> <div>RFQ</div> |  <div><b>MB91213APMC-GS-154E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB MROM 144LQFP<br/>In stock: 5433 pcs</div> <div>RFQ</div>   |
|  <div><b>MB91213APMC-GS-147K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB MROM 144LQFP<br/>In stock: 4228 pcs</div> <div>RFQ</div> |  <div><b>MB91213APMC-GS-149E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB MROM 144LQFP<br/>In stock: 3197 pcs</div> <div>RFQ</div>   |
|  <div><b>MB91213APMC-GS-150K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB MROM 144LQFP<br/>In stock: 4636 pcs</div> <div>RFQ</div> |  <div><b>MB91213APMC-GS-150E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB MROM 144LQFP<br/>In stock: 2773 pcs</div> <div>RFQ</div>   |
|  <div><b>MB91213APMC-GS-152K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB MROM 144LQFP<br/>In stock: 4412 pcs</div> <div>RFQ</div> |  <div><b>MB91213APMC-GS-152E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB MROM 144LQFP<br/>In stock: 4982 pcs</div> <div>RFQ</div>   |