



Cypress Semiconductor

## MB91213APMC-GS-215K5E1

|                      |                                 |
|----------------------|---------------------------------|
| Part Number:         | MB91213APMC-GS-215K5E1          |
| Manufacturer/Brand:  | Cypress Semiconductor           |
| Product description: | IC MCU 32BIT 544KB MROM 144LQFP |
| Datasheets:          |                                 |
| RoHS Status:         | Lead free / RoHS Compliant      |
| Stock Condition:     | 6993 pcs stock                  |
| Ship From:           | Hong Kong                       |
| Shipment Way:        | DHL/Fedex/TNT/UPS/EMS           |

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Image may be representation. See specifications for product details.

### Specifications of MB91213APMC-GS-215K5E1

|                                  |   |
|----------------------------------|---|
| PART NUMBER                      | MB91213APMC-GS-215K5E1  |
| MANUFACTURER                     | Cypress Semiconductor   |
| DESCRIPTION                      | IC MCU 32BIT 544KB MROM 144LQFP   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant  |
| QUANTITY AVAILABLE               | 6993 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  |
| OTHER NAMES                      | CY91213APMC-GS-215E1<br>MB91213APMC-GS-215E1<br>MB91213APMC-GS-215E1-ND                             |
| 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-215K5E1 | MB91213APMC-GS-215K5E1 Distributor                | MB91213APMC-GS-215K5E1 Supplier                  |
| MB91213APMC-GS-215K5E1 Price                 | MB91213APMC-GS-215K5E1 Pictures                   | MB91213APMC-GS-215K5E1 Image                     |
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| Cypress Semiconductor MB91213APMC-GS-215K5E1 | Cypress Semiconductor Corp MB91213APMC-GS-215K5E1 |  |

### Related Products

|  |  |
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| <p><b>MB91213APMC-GS-211K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB MROM 144LQFP<br/>In stock: 11762 pcs<br/><a href="#">RFQ</a></p> | <p><b>MB91233LLGA-G-110K6E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: 4471 pcs<br/><a href="#">RFQ</a></p>                |
| <p><b>MB91233LLGA-G-117-K6ERE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: 4603 pcs<br/><a href="#">RFQ</a></p>             | <p><b>MB91243PFV-GS-102BNDK5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT FR-0.35 144LQFP<br/>In stock: 5450 pcs<br/><a href="#">RFQ</a></p>   |
| <p><b>MB91213APMC-GS-207K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB MROM 144LQFP<br/>In stock: 14479 pcs<br/><a href="#">RFQ</a></p> | <p><b>MB91213APMC-GS-209K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB MROM 144LQFP<br/>In stock: 14492 pcs<br/><a href="#">RFQ</a></p> |
| <p><b>MB91213APMC-GS-208K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB MROM 144LQFP<br/>In stock: 14636 pcs<br/><a href="#">RFQ</a></p> | <p><b>MB91213APMC-GS-216K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB MROM 144LQFP<br/>In stock: 7012 pcs<br/><a href="#">RFQ</a></p>  |
| <p><b>MB91243PFV-GS-102-BNDE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT FR-0.35 144LQFP<br/>In stock: 5526 pcs<br/><a href="#">RFQ</a></p>    | <p><b>MB91233LLGA-G-116-K6ERE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: 5042 pcs<br/><a href="#">RFQ</a></p>             |
| <p><b>MB91213APMC-GS-206K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB MROM 144LQFP<br/>In stock: 14803 pcs<br/><a href="#">RFQ</a></p> | <p><b>MB91213APMC-GS-210K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB MROM 144LQFP<br/>In stock: 12696 pcs<br/><a href="#">RFQ</a></p> |

