



Cypress Semiconductor



MB91213APMC-GS-163K5E1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB91213APMC-GS-163K5E1                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 32BIT 544KB MROM 144LQFP                                                                              |
| 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 MB91213APMC-GS-163K5E1

|                                  |                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB91213APMC-GS-163K5E1                                                                              |
| MANUFACTURER                     | Cypress Semiconductor                                                                               |
| DESCRIPTION                      | IC MCU 32BIT 544KB MROM 144LQFP                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                          |
| 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-163E1<br>MB91213APMC-GS-163E1<br>MB91213APMC-GS-163E1-ND                             |
| OSCILLATOR TYPE                  | External                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                  |
| NUMBER OF I/O                    | 118                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                       |
| MANUFACTURER STANDARD LEAD TIME  | 28 Weeks                                                                                            |
| 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-163K5E1 | MB91213APMC-GS-163K5E1 Distributor                | MB91213APMC-GS-163K5E1 Supplier                  |
| MB91213APMC-GS-163K5E1 Price                 | MB91213APMC-GS-163K5E1 Pictures                   | MB91213APMC-GS-163K5E1 Image                     |
| MB91213APMC-GS-163K5E1 PDF Datasheet         | MB91213APMC-GS-163K5E1 Download Datasheet         | MB91213APMC-GS-163K5E1 Datasheet                 |
| MB91213APMC-GS-163K5E1 Stock                 | Buy MB91213APMC-GS-163K5E1                        | Buy Cypress Semiconductor MB91213APMC-GS-163K5E1 |
| Cypress Semiconductor MB91213APMC-GS-163K5E1 | Cypress Semiconductor Supplier                    | Cypress Semiconductor Distributor                |
| Cypress Semiconductor MB91213APMC-GS-163K5E1 | Cypress Semiconductor Corp MB91213APMC-GS-163K5E1 |                                                  |

Related Products

|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MB91213APMC-GS-165K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB MROM 144LQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MB91213APMC-GS-166K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB MROM 144LQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MB91213APMC-GS-160E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB MROM 144LQFP<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>MB91213APMC-GS-164E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB MROM 144LQFP<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>MB91213APMC-GS-165E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB MROM 144LQFP<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>MB91213APMC-GS-166E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB MROM 144LQFP<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>MB91213APMC-GS-162E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB MROM 144LQFP<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>MB91213APMC-GS-160K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB MROM 144LQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MB91213APMC-GS-162K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB MROM 144LQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MB91213APMC-GS-159K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB MROM 144LQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MB91213APMC-GS-161K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB MROM 144LQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MB91213APMC-GS-164K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB MROM 144LQFP<br/>In stock: Out stock<br/>RFQ</div> |