

Cypress Semiconductor



### MB91F526LWBPMC-GSK5E2

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB91F526LWBPMC-GSK5E2                                                                                        |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 32BIT 1MB FLASH 176LQFP                                                                               |
| Datasheets:         |  MB91F526LWBPMC-GSK5E2.pdf  |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6540 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 MB91F526LWBPMC-GSK5E2

|                                  |                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB91F526LWBPMC-GSK5E2                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                         |
| DESCRIPTION                      | IC MCU 32BIT 1MB FLASH 176LQFP                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                    |
| QUANTITY AVAILABLE               | 6540 pcs                                                                                                      |
| DATA SHEET                       |  MB91F526LWBPMC-GSK5E2.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 176-LQFP (24x24)                                                                                              |
| SPEED                            | 80MHz                                                                                                         |
| SERIES                           | FR MB91520                                                                                                    |
| RAM SIZE                         | 136K x 8                                                                                                      |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                         |
| PROGRAM MEMORY SIZE              | 1.0625MB (1.0625M x 8)                                                                                        |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                                                       |
| PACKAGING                        | Tray                                                                                                          |
| PACKAGE / CASE                   | 176-LQFP                                                                                                      |
| OTHER NAMES                      | MB91F526LWBPMC-GSE2<br>MB91F526LWBPMC-GSE2-ND                                                                 |
| OSCILLATOR TYPE                  | External                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                            |
| NUMBER OF I/O                    | 152                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                    |
| EEPROM SIZE                      | 64K x 8                                                                                                       |
| DETAILED DESCRIPTION             | FR81S FR MB91520 Microcontroller IC 32-Bit 80MHz 1.0625MB (1.0625M x 8) FLASH 176-LQFP (24x24)                |
| DATA CONVERTERS                  | A/D 48x12b, D/A 2x8b                                                                                          |
| CORE SIZE                        | 32-Bit                                                                                                        |
| CORE PROCESSOR                   | FR81S                                                                                                         |
| CONNECTIVITY                     | CANbus, CSIO, EBI/EMI, I²C, LINbus, SPI, UART/USART                                                           |

#### Related Tags

|                                             |                                                  |                                                 |
|---------------------------------------------|--------------------------------------------------|-------------------------------------------------|
| Cypress Semiconductor MB91F526LWBPMC-GSK5E2 | MB91F526LWBPMC-GSK5E2 Distributor                | MB91F526LWBPMC-GSK5E2 Supplier                  |
| MB91F526LWBPMC-GSK5E2 Price                 | MB91F526LWBPMC-GSK5E2 Pictures                   | MB91F526LWBPMC-GSK5E2 Image                     |
| MB91F526LWBPMC-GSK5E2 PDF Datasheet         | MB91F526LWBPMC-GSK5E2 Download Datasheet         | MB91F526LWBPMC-GSK5E2 Datasheet                 |
| MB91F526LWBPMC-GSK5E2 Stock                 | Buy MB91F526LWBPMC-GSK5E2                        | Buy Cypress Semiconductor MB91F526LWBPMC-GSK5E2 |
| Cypress Semiconductor MB91F526LWBPMC-GSK5E2 | Cypress Semiconductor Supplier                   | Cypress Semiconductor Distributor               |
| Cypress Semiconductor MB91F526LWBPMC-GSK5E2 | Cypress Semiconductor Corp MB91F526LWBPMC-GSK5E2 |                                                 |

#### Related Products

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|  <b>MB91F526LSBPMC-GTK5E1</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC MCU 32BIT 1MB FLASH 176LQFP<br>In stock: 4558 pcs<br><b>RFQ</b>   |  <b>MB91F526LWEPMC-GSK5E2</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC MICROCONTROLLER<br>In stock: 3436 pcs<br><b>RFQ</b>                 |
|  <b>MB91F526LSBPMC-GSK5E1</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC MCU 32BIT 1MB FLASH 176LQFP<br>In stock: 4371 pcs<br><b>RFQ</b>   |  <b>MB91F526LKEPMC-GSK5E2</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC MICROCONTROLLER<br>In stock: 6359 pcs<br><b>RFQ</b>                 |
|  <b>MB91F527RSCEQ-GSK5E1</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC MCU 32BIT 1.5MB FLASH 144LQFP<br>In stock: 7361 pcs<br><b>RFQ</b>  |  <b>MB91F526LWDPMC-GSK5E2</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC MICROCONTROLLER<br>In stock: 4495 pcs<br><b>RFQ</b>                 |
|  <b>MB91F527MKCPMC-GTK5E1</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC MCU 32BIT 1.5MB FLASH 208LQFP<br>In stock: 4250 pcs<br><b>RFQ</b> |  <b>MB91F526LSBPMC-GSK5E2</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC MCU 32BIT 1MB FLASH 176LQFP<br>In stock: 4832 pcs<br><b>RFQ</b>     |
|  <b>MB91F526LUBPMC-GSK5E1</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC MCU 32BIT 1MB FLASH 176LQFP<br>In stock: 4531 pcs<br><b>RFQ</b>   |  <b>MB91F527RJCPMC1-GS-F4E1</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC MCU 32BIT 1.5MB FLASH 144LQFP<br>In stock: 3719 pcs<br><b>RFQ</b> |
|  <b>MB91F526LSCPMC-GSK5E1</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC MCU 32BIT 1MB FLASH 176LQFP<br>In stock: 3839 pcs<br><b>RFQ</b>   |  <b>MB91F526LWCPMC-GSK5E2</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC MCU 32BIT 1MB FLASH 176LQFP<br>In stock: 7938 pcs<br><b>RFQ</b>     |