



Cypress Semiconductor



MB91F524FWBPMC-GSE1

|                     |                                                                                                                           |
|---------------------|---------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB91F524FWBPMC-GSE1                                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                                     |
| Product description | IC MCU 32BIT 576KB FLASH 100LQFP                                                                                          |
| Datasheets:         |  <a href="#">MB91F524FWBPMC-GSE1.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant              |
| Stock Condition     | 5655 pcs stock                                                                                                            |
| Ship From           | Hong Kong                                                                                                                 |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                     |

REQUEST FOR QUOTATION

Specifications of MB91F524FWBPMC-GSE1

|                                  |                                                                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB91F524FWBPMC-GSE1                                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                       |
| DESCRIPTION                      | IC MCU 32BIT 576KB FLASH 100LQFP                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                  |
| QUANTITY AVAILABLE               | 5655 pcs                                                                                                                    |
| DATA SHEET                       |  <a href="#">MB91F524FWBPMC-GSE1.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                                                            |
| SPEED                            | 80MHz                                                                                                                       |
| SERIES                           | FR MB91520                                                                                                                  |
| RAM SIZE                         | 72K x 8                                                                                                                     |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                       |
| PROGRAM MEMORY SIZE              | 576KB (576K x 8)                                                                                                            |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                                                                     |
| PACKAGING                        | Tray                                                                                                                        |
| PACKAGE / CASE                   | 100-LQFP                                                                                                                    |
| OSCILLATOR TYPE                  | External                                                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                          |
| NUMBER OF I/O                    | 76                                                                                                                          |
| 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 576KB (576K x 8) FLASH 100-LQFP (14x14)                                    |
| DATA CONVERTERS                  | A/D 37x12b, D/A 2x8b                                                                                                        |
| CORE SIZE                        | 32-Bit                                                                                                                      |
| CORE PROCESSOR                   | FR81S                                                                                                                       |
| CONNECTIVITY                     | CANbus, CSIO, I²C, LINbus, SPI, UART/USART                                                                                  |

Related Tags

|                                           |                                                |                                               |
|-------------------------------------------|------------------------------------------------|-----------------------------------------------|
| Cypress Semiconductor MB91F524FWBPMC-GSE1 | MB91F524FWBPMC-GSE1 Distributor                | MB91F524FWBPMC-GSE1 Supplier                  |
| MB91F524FWBPMC-GSE1 Price                 | MB91F524FWBPMC-GSE1 Pictures                   | MB91F524FWBPMC-GSE1 Image                     |
| MB91F524FWBPMC-GSE1 PDF Datasheet         | MB91F524FWBPMC-GSE1 Download Datasheet         | MB91F524FWBPMC-GSE1 Datasheet                 |
| MB91F524FWBPMC-GSE1 Stock                 | Buy MB91F524FWBPMC-GSE1                        | Buy Cypress Semiconductor MB91F524FWBPMC-GSE1 |
| Cypress Semiconductor MB91F524FWBPMC-GSE1 | Cypress Semiconductor Supplier                 | Cypress Semiconductor Distributor             |
| Cypress Semiconductor MB91F524FWBPMC-GSE1 | Cypress Semiconductor Corp MB91F524FWBPMC-GSE1 |                                               |

Related Products

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|  <div><b>MB91F524FSCPMC-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 576KB FLASH 100LQFP<br/>In stock: 5834 pcs</div> <div>RFQ</div>    |  <div><b>MB91F524FJBPMC-GS-F4E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 576KB FLASH 100LQFP<br/>In stock: 4125 pcs</div> <div>RFQ</div>   |
|  <div><b>MB91F524FJCPMC-GS-F4E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 576KB FLASH 100LQFP<br/>In stock: 4385 pcs</div> <div>RFQ</div> |  <div><b>MB91F524JSEPMC-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: 5151 pcs</div> <div>RFQ</div>                    |
|  <div><b>MB91F524FSCPMC-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: 5723 pcs</div> <div>RFQ</div>                  |  <div><b>MB91F524FWDPMC-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: 6790 pcs</div> <div>RFQ</div>                    |
|  <div><b>MB91F524JHBPMC-GTE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 576KB FLASH 120LQFP<br/>In stock: 4739 pcs</div> <div>RFQ</div>    |  <div><b>MB91F524FHCPMC-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 576KB FLASH 100LQFP<br/>In stock: 7057 pcs</div> <div>RFQ</div>      |
|  <div><b>MB91F524FWBPMC-GS-F4E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 576KB FLASH 100LQFP<br/>In stock: 3398 pcs</div> <div>RFQ</div> |  <div><b>MB91F524KHBPMC-GS-F4K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 576KB FLASH 144LQFP<br/>In stock: 4671 pcs</div> <div>RFQ</div> |
|  <div><b>MB91F524JSCPMC-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 576KB FLASH 120LQFP<br/>In stock: 6304 pcs</div> <div>RFQ</div>    |  <div><b>MB91F524FWCPMC-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 576KB FLASH 100LQFP<br/>In stock: 7436 pcs</div> <div>RFQ</div>      |