

MB91F522DSBPMC-GSE2



**Part Number:** MB91F522DSBPMC-GSE2

**Manufacturer:** Cypress Semiconductor

**Description:** IC MCU 32BIT 320KB FLASH 80LQFP

**Data sheet:**  [CY91520 Series](#)

**RoHs Status:** Lead free / RoHS Compliant

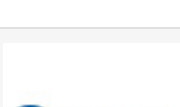
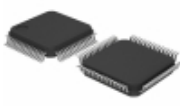
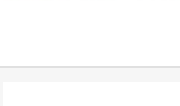
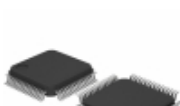
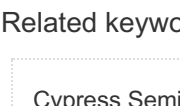
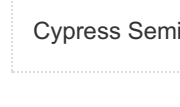
**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy MB91F522DSBPMC-GSE2 with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                |                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MB91F522DSBPMC-GSE2                       | Manufacturer                   | <a href="#">Cypress Semiconductor</a>                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC MCU 32BIT 320KB FLASH 80LQFP           | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 7471 pcs                                  | Data sheet                     | <a href="#">CY91520 Series</a>                                                          |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 2.7 V ~ 5.5 V                                                                           |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 80-LQFP (12x12)                           | Speed                          | 80MHz                                                                                   |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FR MB91520                                | RAM Size                       | 56K x 8                                                                                 |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                        | FLASH                                     | Program Memory Size            | 320KB (320K x 8)                                                                        |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                | DMA, LVD, POR, PWM, WDT                   | Packaging                      | Tray                                                                                    |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 80-LQFP                                   | Oscillator Type                | External                                                                                |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 105°C (TA)                        | Number of I/O                  | 56                                                                                      |
| 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 320KB (320K x 8) FLASH 80-LQFP (12x12) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A/D 32x12b, D/A 1x8b                      | Core Size                      | 32-Bit                                                                                  |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                             | FR81S                                     | Connectivity                   | CANbus, CSIO, I <sup>2</sup> C, LINbus, SPI, UART/USART                                 |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Cypress Semiconductor series electronic components. We have 7471 pieces of Cypress Semiconductor MB91F522DSBPMC-GSE2 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                |                                                                                         |

| RELATED PRODUCTS                                                                   |                                                                                                 |                                                      |                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------|---------------------|
|  | Part#: <a href="#">MB91F522BSCPMC1-GTE1</a><br>Description: IC MCU 32BIT 320KB FLASH 64LQFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F522DSEPMC-GSE1</a><br>Description: IC MICROCONTROLLER                   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F522DSCPMC-GSE2</a><br>Description: IC MCU 32BIT 320KB FLASH 80LQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F522BSBPMC1-GS-F4E1</a><br>Description: IC MCU 32BIT 320KB FLASH 64LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F522DSCPMC-GS-ERE2</a><br>Description: IC MCU 32BIT 320KB FLASH 80LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F522DSBPMC-GSE1</a><br>Description: IC MCU 32BIT 320KB FLASH 80LQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F522DSCPMC-GTE1</a><br>Description: IC MCU 32BIT 320KB FLASH 80LQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F522DSCPMC-GTE2</a><br>Description: IC MCU 32BIT 320KB FLASH 80LQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F522BSBPMC1-GTE1</a><br>Description: IC MCU 32BIT 320KB FLASH 64LQFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F522DSCPMC-GSE1</a><br>Description: IC MCU 32BIT 320KB FLASH 80LQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F522BSCPMC1-GSE2</a><br>Description: IC MCU 32BIT 320KB FLASH 64LQFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F522BSDPMC1-GSE1</a><br>Description: IC MICROCONTROLLER                  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F522DSDPMC-GS-ERE2</a><br>Description: IC MICROCONTROLLER                | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F522BSCPMC1GS101ERE2</a><br>Description: IC MCU 32BIT 320KB FLASH 64LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F522BWEPMC1-GSE2</a><br>Description: IC MICROCONTROLLER                  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F522DSEPMC-GSE2</a><br>Description: IC MICROCONTROLLER                   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F522BSCPMC1-GSE1</a><br>Description: IC MCU 32BIT 320KB FLASH 64LQFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F522DSBPMC-GTE1</a><br>Description: IC MCU 32BIT 320KB FLASH 80LQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F522BSBPMC1-GSE1</a><br>Description: IC MCU 32BIT 320KB FLASH 64LQFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F522DSDPMC-GSE2</a><br>Description: IC MICROCONTROLLER                   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |

| Related keywords for MB91F522DSBPMC-GSE2  |                                                |                              |                           |
|-------------------------------------------|------------------------------------------------|------------------------------|---------------------------|
| Cypress Semiconductor MB91F522DSBPMC-GSE2 | MB91F522DSBPMC-GSE2 distributor                | MB91F522DSBPMC-GSE2 supplier | MB91F522DSBPMC-GSE2 price |
| MB91F522DSBPMC-GSE2 download datasheet    | MB91F522DSBPMC-GSE2 datasheet                  | MB91F522DSBPMC-GSE2 stock    | buy MB91F522DSBPMC-GSE2   |
| Cypress Semiconductor MB91F522DSBPMC-GSE2 | Cypress Semiconductor Corp MB91F522DSBPMC-GSE2 |                              |                           |