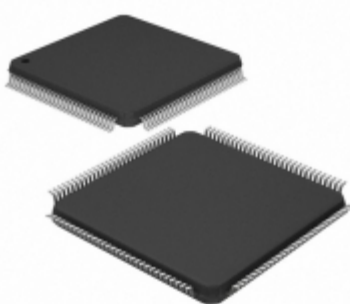


MB91F522JSCPMC-GSE2





**Part Number:** [MB91F522JSCPMC-GSE2](#)

**Manufacturer:** [Cypress Semiconductor](#)

**Description:** IC MCU 32BIT 320KB FLASH 120LQFP

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

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

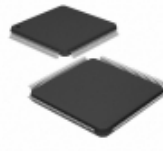
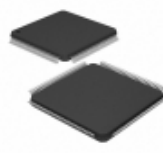
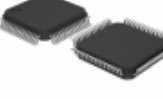
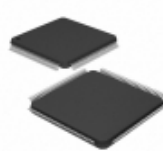
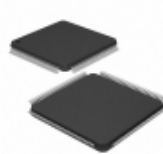
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                |                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MB91F522JSCPMC-GSE2                       | Manufacturer                   | <a href="#">Cypress Semiconductor</a>                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC MCU 32BIT 320KB FLASH 120LQFP          | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 6130 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                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 120-LQFP (16x16)                          | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 120-LQFP                                  | Oscillator Type                | External                                                                                 |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 105°C (TA)                        | Number of I/O                  | 96                                                                                       |
| 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 120-LQFP (16x16) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A/D 42x12b, D/A 2x8b                      | Core Size                      | 32-Bit                                                                                   |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                             | FR81S                                     | Connectivity                   | CANbus, CSIO, I²C, 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 6130 pieces of Cypress Semiconductor MB91F522JSCPMC-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="#">MB91F522FWCPMC-GTE2</a><br>Description: IC MCU 32BIT 320KB FLASH 100LQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F522FWCPMC-GSE1</a><br>Description: IC MCU 32BIT 320KB FLASH 100LQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F522FWCPMC-GSE2</a><br>Description: IC MCU 32BIT 320KB FLASH 100LQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F522KWCPMC-GSK5E2</a><br>Description: IC MCU 32BIT 320KB FLASH 144LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F522KSDPMC-GSK5E2</a><br>Description: IC MICROCONTROLLER                | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F522KWEPMC-GSK5E2</a><br>Description: IC MICROCONTROLLER                | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F522KSCPMC1-GSE2</a><br>Description: IC MCU 32BIT 320KB FLASH 144LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F522KSCPMC-GSK5E2</a><br>Description: IC MCU 32BIT 320KB FLASH 144LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F522JSCPMC-GTE2</a><br>Description: IC MCU 32BIT 320KB FLASH 120LQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F522FWCPMC-GTE1</a><br>Description: IC MCU 32BIT 320KB FLASH 100LQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F522JSCPMC-GS-K1E1</a><br>Description: IC MCU 32BIT 320KB FLASH 120LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F523BSCPMC1-GSE1</a><br>Description: IC MCU 32BIT 448KB FLASH 64LQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F522FSCPMC-GSE1</a><br>Description: IC MCU 32BIT 320KB FLASH 100LQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F522FWBPMC-GSE1</a><br>Description: IC MCU 32BIT 320KB FLASH 100LQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F522JSCPMC-GTE1</a><br>Description: IC MCU 32BIT 320KB FLASH 120LQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F522KWBPMC-GSK5E2</a><br>Description: IC MCU 32BIT 320KB FLASH 144LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F522KWDPMC-GSK5E2</a><br>Description: IC MICROCONTROLLER                | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F522FSDPMC-GSE1</a><br>Description: IC MICROCONTROLLER                  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F522JSCPMC-GSE1</a><br>Description: IC MCU 32BIT 320KB FLASH 120LQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F522FSEPMC-GSE1</a><br>Description: IC MICROCONTROLLER                  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |

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