

MB91F376GSPMC-GS



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**Part Number:** [MB91F376GSPMC-GS](#)

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

**Description:** IC MCU 32BIT 768KB FLASH 120LQFP

**Data sheet:**

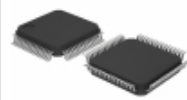
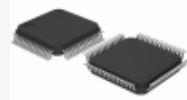
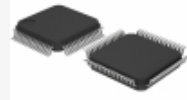
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                |                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                             | MB91F376GSPMC-GS                          | Manufacturer                   | <a href="#">Cypress Semiconductor</a>                                                         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 32BIT 768KB FLASH 120LQFP          | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 8661 pcs                                  | Data sheet                     |                                                                                               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 4.25 V ~ 5.25 V                                                                               |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 120-LQFP (16x16)                          | Speed                          | 64MHz                                                                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | FR MB91360G                               | RAM Size                       | 36K x 8                                                                                       |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FLASH                                     | Program Memory Size            | 768KB (768K x 8)                                                                              |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                             | DMA, POR, PWM, WDT                        | Packaging                      | Tray                                                                                          |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 120-LQFP                                  | Oscillator Type                | External                                                                                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -40°C ~ 85°C (TA)                         | Number of I/O                  | 80                                                                                            |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                    |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                         | Detailed Description           | FR50 RISC FR MB91360G Microcontroller IC 32-Bit 64MHz 768KB (768K x 8) FLASH 120-LQFP (16x16) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                         | A/D 8x10b, D/A 2x10b                      | Core Size                      | 32-Bit                                                                                        |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                          | FR50 RISC                                 | Connectivity                   | CANbus, I <sup>2</sup> C, Serial I/O, UART/USART                                              |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Cypress Semiconductor series electronic components. We have 8661 pieces of Cypress Semiconductor MB91F376GSPMC-GS 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> |                                           |                                |                                                                                               |

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|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------|---------------------|
|  | Part#: <a href="#">MB91F464AAPMC-GSE2</a><br>Description: IC MCU 32BIT 416KB FLASH 100LQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F376GPMC3-GS-N2E2</a><br>Description: IC MICROCONTROLLER                 | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F463NCPMC-GSE1</a><br>Description: IC MCU 32BIT 288KB FLASH 64LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F463NAPMC-GSE1</a><br>Description: IC MCU 32BIT 288KB FLASH 64LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F376GPMC3-GSE2</a><br>Description: IC MCU 32BIT 768KB FLASH 120LQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F463NAPMC-GS-P01E1</a><br>Description: IC MCU 32BIT 288KB FLASH 64LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F376GSPMC3-GSE2</a><br>Description: IC MCU 32BIT 768KB FLASH 120LQFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F369GAPQS1-G-N1K5E1</a><br>Description: IC MCU 32BIT 512KB FLASH 160HQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F376GSPMC3-GS-N1</a><br>Description: IC MCU 32BIT 768KB FLASH 120LQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F376GPMCR-GSE1</a><br>Description: IC MCU 32BIT 768KB FLASH 120LQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F376GPMC3-GS</a><br>Description: IC MCU 32BIT 768KB FLASH 120LQFP        | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F376GPMCR-GSE2</a><br>Description: IC MCU 32BIT 768KB FLASH 120LQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F368GBPMCR-G-N2E1</a><br>Description: IC MICROCONTROLLER                 | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F376GSPMC3-GS</a><br>Description: IC MCU 32BIT 768KB FLASH 120LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F368GBPMCR-G</a><br>Description: IC MCU 32BIT 512KB FLASH 120LQFP        | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F463CAPMC-GSK5E2</a><br>Description: IC MCU 32BIT 288KB FLASH 144LQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F376GSPMCR-GS</a><br>Description: IC MCU 32BIT 768KB FLASH 120LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F376GPMCR-GS</a><br>Description: IC MCU 32BIT 768KB FLASH 120LQFP        | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F463NCPMC-GS-P02E1</a><br>Description: IC MCU 32BIT 288KB FLASH 64LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB91F376GPMT-GS</a><br>Description: IC MCU 32BIT 768KB FLASH 120LQFP         | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |

| Related keywords for MB91F376GSPMC-GS  |                                             |                           |                        |
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