

MB91F467SAPMC-C0015



**Part Number:** [MB91F467SAPMC-C0015](#)

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

**Description:** IC MCU 32BIT 1MB FLASH 176LQFP

**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                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MB91F467SAPMC-C0015                       | Manufacturer                   | <a href="#">Cypress Semiconductor</a>                                                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC MCU 32BIT 1MB FLASH 176LQFP            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5632 pcs                                  | Data sheet                     |                                                                                                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 3 V ~ 5.5 V                                                                                          |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 176-LQFP (24x24)                          | Speed                          | 100MHz                                                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FR MB91460S                               | RAM Size                       | 72K x 8                                                                                              |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                        | FLASH                                     | Program Memory Size            | 1.0625MB (1.0625M x 8)                                                                               |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                | DMA, LVD, PWM, WDT                        | Packaging                      | Tray                                                                                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 176-LQFP                                  | Oscillator Type                | External                                                                                             |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 105°C (TA)                        | Number of I/O                  | 133                                                                                                  |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                           |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                         | Detailed Description           | FR60 RISC FR MB91460S Microcontroller IC 32-Bit 100MHz 1.0625MB (1.0625M x 8) FLASH 176-LQFP (24x24) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A/D 16x10b                                | Core Size                      | 32-Bit                                                                                               |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                             | FR60 RISC                                 | Connectivity                   | CANbus, EBI/EMI, I <sup>2</sup> C, LINbus, UART/USART                                                |
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| RELATED PRODUCTS                                                                   |                                                                                                 |                                                      |                |
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|  | Part#: <a href="#">MB91F467SAPMC-C0010</a><br>Description: IC MCU 32BIT 1MB FLASH 176LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F467SAPMC-C0012</a><br>Description: IC MCU 32BIT 1MB FLASH 176LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F467SAPMC-C0030</a><br>Description: IC MCU 32BIT 1MB FLASH 176LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F467SAPMC-C0011</a><br>Description: IC MCU 32BIT 1MB FLASH 176LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F467SAPMC-C0029</a><br>Description: IC MCU 32BIT 1MB FLASH 176LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F467SAPMC-C0017</a><br>Description: IC MCU 32BIT 1MB FLASH 176LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F467RDPMC-GS-N2K5E2</a><br>Description: IC MCU 32BIT 1KB FLASH 176LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F467SAPMC-C0023</a><br>Description: IC MCU 32BIT 1MB FLASH 176LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F467SAPMC-C0032</a><br>Description: IC MCU 32BIT 1MB FLASH 176LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F467RAPMC-GK5E1</a><br>Description: IC MICROCONTROLLER                   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F467SAPMC-C0031</a><br>Description: IC MCU 32BIT 1MB FLASH 176LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F467SAPMC-C0022</a><br>Description: IC MCU 32BIT 1MB FLASH 176LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F467SAPMC-C0016</a><br>Description: IC MCU 32BIT 1MB FLASH 176LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F467SAPMC-C0020</a><br>Description: IC MCU 32BIT 1MB FLASH 176LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F467MAPMC-GSK5E1</a><br>Description: IC MCU 32BIT 1MB FLASH 216LQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F467PAPMC-GK5E2</a><br>Description: IC MCU 32BIT 1.125MB FLA 176LQFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F467PAPMC-GS-N2K5E2</a><br>Description: IC MCU 32BIT 1.125MB FLA 176LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F467MAPMC-GSK5E2</a><br>Description: IC MCU 32BIT 1MB FLASH 216LQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F467RCPMCR-GK5E1</a><br>Description: IC MCU 32BIT 1KB FLASH 176LQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F467SAPMC-C0028</a><br>Description: IC MCU 32BIT 1MB FLASH 176LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |

Related keywords for MB91F467SAPMC-C0015

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