

MB91F467SAPMC-C0031



Part Number: MB91F467SAPMC-C0031

Manufacturer: Cypress Semiconductor

Description: IC MCU 32BIT 1MB FLASH 176LQFP

Data sheet:

RoHs Status: Lead free / RoHS Compliant

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                           |                                |                                |                                                                                                      |
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| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                 | MB91F467SAPMC-C0031            | Manufacturer                   | Cypress Semiconductor                                                                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                 | IC MCU 32BIT 1MB FLASH 176LQFP | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                          | 5729 pcs                       | Data sheet                     |                                                                                                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                    | Integrated Circuits (ICs)      | 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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