

MB89567APFV-GS-242-BND



**Part Number:** MB89567APFV-GS-242-BND

**Manufacturer:** Cypress Semiconductor

**Description:** IC MCU 8BIT 32KB MROM 80QFP

**Data sheet:**

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

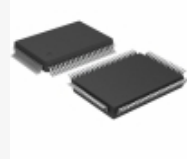
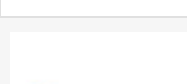
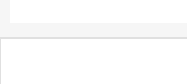
**Ship From:** Hong Kong

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                              |                             |                                |                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|--------------------------------|---------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                    | MB89567APFV-GS-242-BND      | Manufacturer                   | Cypress Semiconductor                                                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                    | IC MCU 8BIT 32KB MROM 80QFP | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                             | 5867 pcs                    | Data sheet                     |                                                                                                   |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                       | Integrated Circuits (ICs)   | Voltage - Supply (Vcc/Vdd)     | 2.2 V ~ 5.5 V                                                                                     |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                        | 80-LQFP (12x12)             | Speed                          | 12.5MHz                                                                                           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                         | F*MC-8L MB89560A            | RAM Size                       | 1K x 8                                                                                            |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                            | Mask ROM                    | Program Memory Size            | 32KB (32K x 8)                                                                                    |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                    | LCD, POR, PWM, WDT          | Packaging                      | Tray                                                                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                 | 80-LQFP                     | Oscillator Type                | External                                                                                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                          | -40°C ~ 85°C (TA)           | Number of I/O                  | 50                                                                                                |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                               | 1 (Unlimited)               | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                        |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                    | -                           | Detailed Description           | F*MC-8L F*MC-8L MB89560A Microcontroller IC 8-Bit 12.5MHz 32KB (32K x 8) Mask ROM 80-LQFP (12x12) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                | A/D 8x10b                   | Core Size                      | 8-Bit                                                                                             |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                 | F*MC-8L                     | Connectivity                   | Serial I/O, UART/USART                                                                            |
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| RELATED PRODUCTS                                                                   |                                                                            |                                      |     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------|--------------------------------------|-----|
|  | Part#: MB89538APFM-G-1124E1<br>Description: IC MCU 8BIT 48KB MROM 64LQFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89567APMC1-G-343E1<br>Description: IC MCU 8BIT 32KB MROM 80LQFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89538APMC-G-702-JNE1<br>Description: IC MCU 8BIT 48KB MROM 64LQFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89567APF-G-197-BNDE1<br>Description: IC MCU 8BIT 32KB MROM 80QFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89567APFV-GS-243-BND<br>Description: IC MCU 8BIT 32KB MROM 80QFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89567A-G-333-CHIP<br>Description: IC MCU 8BIT 32KB MROM 320BGA    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89567APMC1-G-334E1<br>Description: IC MCU 8BIT 32KB MROM 80LQFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89538APF-G-558-BNDE1<br>Description: IC MCU 8BIT 48KB MROM 64LQFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89538APFM-G-1047<br>Description: IC MCU 8BIT 48KB MROM 64LQFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89567APFV-GS-237-BND<br>Description: IC MCU 8BIT 32KB MROM 80LQFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89567APFV-GS-256E1<br>Description: IC MCU 8BIT 32KB MROM 80LQFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89567APFV-GS-255E1<br>Description: IC MCU 8BIT 32KB MROM 80LQFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89613RPMC-G-685E1<br>Description: IC MCU 8BIT 8KB MROM            | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89567APFV-GS-248<br>Description: IC MCU 8BIT 32KB MROM 80QFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89538APF-G-649E1<br>Description: IC MCU 8BIT 48KB MROM 64LQFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89567APFV-GS-249E1<br>Description: IC MCU 8BIT 32KB MROM 80LQFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89567APF-G-181-BNDE1<br>Description: IC MCU 8BIT 32KB MROM 80QFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89601RPMC-G-167-JNE1<br>Description: IC MCU 8BIT 4KB MROM 48LQFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89567APFV-GS-271E1<br>Description: IC MCU 8BIT 32KB MROM 80LQFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89538APF-G-1128E1<br>Description: IC MCU 8BIT 48KB MROM 64LQFP    | Manufacturers: Cypress Semiconductor | RFQ |

| Related keywords for MB89567APFV-GS-242-BND  |                                              |                                                   |                              |
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