

MB89637PF-GT-1121-BND



**Part Number:** MB89637PF-GT-1121-BND

**Manufacturer:** Cypress Semiconductor

**Description:** IC MCU 8BIT 32KB MROM 64QFP

**Data sheet:**

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

**Ship From:** Hong Kong

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

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                             |                             |                                |                                                                                                |
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| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                   | MB89637PF-GT-1121-BND       | Manufacturer                   | Cypress Semiconductor                                                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                   | IC MCU 8BIT 32KB MROM 64QFP | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                            | 6069 pcs                    | Data sheet                     |                                                                                                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                      | Integrated Circuits (ICs)   | Voltage - Supply (Vcc/Vdd)     | 2.2 V ~ 6 V                                                                                    |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                       | 64-PQFP (20x14)             | Speed                          | 10MHz                                                                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                        | F*MC-8L MB89630             | RAM Size                       | 1K x 8                                                                                         |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                           | Mask ROM                    | Program Memory Size            | 32KB (32K x 8)                                                                                 |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                   | POR, PWM, WDT               | Packaging                      | Tray                                                                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                | 64-BQFP                     | Oscillator Type                | External                                                                                       |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                         | -40°C ~ 85°C (TA)           | Number of I/O                  | 53                                                                                             |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                              | 3 (168 Hours)               | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                     |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                   | -                           | Detailed Description           | F*MC-8L F*MC-8L MB89630 Microcontroller IC 8-Bit 10MHz 32KB (32K x 8) Mask ROM 64-PQFP (20x14) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                               | A/D 8x10b                   | Core Size                      | 8-Bit                                                                                          |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                | F*MC-8L                     | Connectivity                   | EBI/EMI, Serial I/O, UART/USART                                                                |
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