

MB89637RPF-G-680-BND



**Part Number:** MB89637RPF-G-680-BND

**Manufacturer:** Cypress Semiconductor

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

**Data sheet:**

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

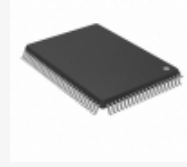
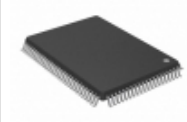
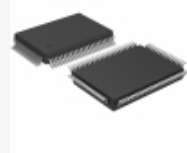
**Ship From:** Hong Kong

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                            |                             |                                |                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|--------------------------------|-------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                  | MB89637RPF-G-680-BND        | Manufacturer                   | Cypress Semiconductor                                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                  | IC MCU 8BIT 32KB MROM 64QFP | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                           | 5682 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 MB89630R            | 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 MB89630R 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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|  | Part#: MB89637RPF-G-600-BNDE1<br>Description: IC MCU 8BIT 32KB MROM 64QFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89637RPF-G-641-BND<br>Description: IC MCU 8BIT 32KB MROM 64QFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89637RPF-G-642-BNDE1<br>Description: IC MCU 8BIT 32KB MROM 64QFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89653ARPF-G-382-BNDE1<br>Description: IC MCU 8BIT 8KB MROM 100QFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89637RPFR-G-1370-BNDE1<br>Description: IC MCU 8BIT 32KB MROM 64QFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89637RPF-G-602-BNDE1<br>Description: IC MCU 8BIT 32KB MROM 64QFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89637RPF-G-548-BNDE1<br>Description: IC MCU 8BIT 32KB MROM 64QFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89643PFM-G-117-BND<br>Description: IC MCU 8BIT 8KB MROM 80LQFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89653ARPF-G-348-BNDE1<br>Description: IC MCU 8BIT 8KB MROM 100QFP  | Manufacturers: Cypress Semiconductor | RFQ |
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|  | Part#: MB89637RPFR-G-1370-BND<br>Description: IC MCU 8BIT 32KB MROM 64QFP   | Manufacturers: Cypress Semiconductor | RFQ |
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|  | Part#: MB89655ARPMC-G-410E1<br>Description: IC MCU 8BIT 16KB MROM           | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89637RPF-G-573-BND<br>Description: IC MCU 8BIT 32KB MROM 64QFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89637RPFR-G-1376-BND<br>Description: IC MCU 8BIT 32KB MROM 64QFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89653ARPF-G-382-BND<br>Description: IC MCU 8BIT 8KB MROM 100QFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89637RPF-G-599-BNDE1<br>Description: IC MCU 8BIT 32KB MROM 64QFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89657ARPF-G-292-BNDE1<br>Description: IC MCU 8BIT 32KB MROM 80QFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89637RPF-G-530-BNDE1<br>Description: IC MCU 8BIT 32KB MROM 64QFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89637RPF-G-620-BNDE1<br>Description: IC MCU 8BIT 32KB MROM 64QFP   | Manufacturers: Cypress Semiconductor | RFQ |

Related keywords for MB89637RPF-G-680-BND

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