

MB89637PF-GT-1121-BNDE1



Part Number: [MB89637PF-GT-1121-BNDE1](#)

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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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                           |                                |                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | MB89637PF-GT-1121-BNDE1                   | Manufacturer                   | <a href="#">Cypress Semiconductor</a>                                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | IC MCU 8BIT 32KB MROM 64QFP               | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 4950 pcs                                  | Data sheet                     |                                                                                                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Integrated Circuits (ICs)</a> | 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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