

MB89636RPF-G-652-BNDE1



Part Number: [MB89636RPF-G-652-BNDE1](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 8BIT 24KB MROM 64QFP

Data sheet:

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                           |                                |                                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | MB89636RPF-G-652-BNDE1                    | Manufacturer                   | <a href="#">Cypress Semiconductor</a>                                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC MCU 8BIT 24KB MROM 64QFP               | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 6339 pcs                                  | Data sheet                     |                                                                                                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 2.2 V ~ 6 V                                                                                    |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 64-QFP (14x20)                            | Speed                          | 10MHz                                                                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | F*MC-8L MB89630R                          | RAM Size                       | 768 x 8                                                                                        |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Mask ROM                                  | Program Memory Size            | 24KB (24K 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 24KB (24K x 8) Mask ROM 64-QFP (14x20) |
| 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#: <a href="#">MB89636RPF-G-1478E1</a><br>Description: IC MCU 8BIT 24KB MROM 64QFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MB89637P-GT-1014-SH</a><br>Description: IC MCU 8BIT 32KB MROM 64SHDIP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MB89636RPF-G-1451E1</a><br>Description: IC MCU 8BIT 24KB MROM 64QFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
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