

MB89665PF-GT-147-BND



**Part Number:** MB89665PF-GT-147-BND

**Manufacturer:** Cypress Semiconductor

**Description:** IC MCU 8BIT 16KB MROM 64QFP

**Data sheet:**

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

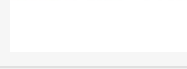
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                            |                              |                                |                                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                  | MB89665PF-GT-147-BND         | Manufacturer                   | Cypress Semiconductor                                                                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                  | IC MCU 8BIT 16KB MROM 64QFP  | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                           | 5692 pcs                     | Data sheet                     |                                                                                                                         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                     | Integrated Circuits (ICs)    | Voltage - Supply (Vcc/Vdd)     | 2.2 V ~ 6 V                                                                                                             |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                      | 64-QFP (14x20)               | Speed                          | 10MHz                                                                                                                   |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                       | F <sup>2</sup> MC-8L MB89660 | RAM Size                       | 512 x 8                                                                                                                 |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                          | Mask ROM                     | Program Memory Size            | 16KB (16K 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                  | 36                                                                                                                      |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                             | 3 (168 Hours)                | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                              |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                  | -                            | Detailed Description           | F <sup>2</sup> MC-8L F <sup>2</sup> MC-8L MB89660 Microcontroller IC 8-Bit 10MHz 16KB (16K x 8) Mask ROM 64-QFP (14x20) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                              | A/D 8x8b                     | Core Size                      | 8-Bit                                                                                                                   |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                               | F <sup>2</sup> MC-8L         | Connectivity                   | Serial I/O, UART/USART                                                                                                  |
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| RELATED PRODUCTS                                                                   |                                                                            |                                      |     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------|--------------------------------------|-----|
|  | Part#: MB89665PF-GT-156-BND<br>Description: IC MCU 8BIT 16KB MROM 64QFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89665PF-GT-162-BND<br>Description: IC MCU 8BIT 16KB MROM 64QFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89663RPF-GT-141-BND<br>Description: IC MCU 8BIT 8KB MROM 64QFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89663RPF-GT-144-BND<br>Description: IC MCU 8BIT 8KB MROM 64QFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89665RPF-GS-201-BNDE1<br>Description: IC MCU 8BIT 16KB MROM 64QFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89663RPF-G-191-BNDE1<br>Description: IC MCU 8BIT 8KB MROM 64QFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89663PF-GT-171-BND<br>Description: IC MCU 8BIT 8KB MROM 64QFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89663RPF-G-179-BND<br>Description: IC MCU 8BIT 8KB MROM 64QFP     | Manufacturers: Cypress Semiconductor | RFQ |
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|  | Part#: MB89663RPF-G-202-BND<br>Description: IC MCU 8BIT 8KB MROM 64QFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89677ARPMC3-G-178E1<br>Description: IC MCU 8BIT 32KB MROM 80LQFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89663PF-GT-169-BND<br>Description: IC MCU 8BIT 8KB MROM 64QFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89665RPF-GT-175-BND<br>Description: IC MCU 8BIT 16KB MROM 64QFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89665RPF-GS-185-BNDE1<br>Description: IC MCU 8BIT 16KB MROM 64QFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89663RPF-GT-178-BND<br>Description: IC MCU 8BIT 8KB MROM 64QFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89673ARPF-G-228-BNDE1<br>Description: IC MCU 8BIT 8KB MROM 80QFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89665P-GT-128-SH<br>Description: IC MCU 8BIT 16KB MROM 64SHDIP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB89665PF-GT-152-BND<br>Description: IC MCU 8BIT 16KB MROM 64QFP    | Manufacturers: Cypress Semiconductor | RFQ |

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| Related keywords for MB89665PF-GT-147-BND  |                                                 |                               |                            |
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