

CYPRESS  
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Cypress Semiconductor



Image may be representation. See specifications for product details.

### MB89635PF-GT-342-BND

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB89635PF-GT-342-BND                                                                                         |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 8BIT 16KB MROM 64QFP                                                                                  |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5734 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

#### Specifications of MB89635PF-GT-342-BND

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB89635PF-GT-342-BND                                                                                                     |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                    |
| DESCRIPTION                      | IC MCU 8BIT 16KB MROM 64QFP                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| QUANTITY AVAILABLE               | 5734 pcs                                                                                                                 |
| DATA SHEET                       |                                                                                                                          |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.2 V ~ 6 V                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 64-PQFP (20x14)                                                                                                          |
| SPEED                            | 10MHz                                                                                                                    |
| SERIES                           | F <sup>2</sup> MC-8L MB89630                                                                                             |
| 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                    | 53                                                                                                                       |
| 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 MB89630 Microcontroller IC 8-Bit 10MHz 16KB (16K x 8) Mask ROM 64-PQFP (20x14) |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                                |
| CORE SIZE                        | 8-Bit                                                                                                                    |
| CORE PROCESSOR                   | F <sup>2</sup> MC-8L                                                                                                     |
| CONNECTIVITY                     | EBI/EMI, Serial I/O, UART/USART                                                                                          |

#### Related Tags

|                                            |                                                 |                                                |
|--------------------------------------------|-------------------------------------------------|------------------------------------------------|
| Cypress Semiconductor MB89635PF-GT-342-BND | MB89635PF-GT-342-BND Distributor                | MB89635PF-GT-342-BND Supplier                  |
| MB89635PF-GT-342-BND Price                 | MB89635PF-GT-342-BND Pictures                   | MB89635PF-GT-342-BND Image                     |
| MB89635PF-GT-342-BND PDF Datasheet         | MB89635PF-GT-342-BND Download Datasheet         | MB89635PF-GT-342-BND Datasheet                 |
| MB89635PF-GT-342-BND Stock                 | Buy MB89635PF-GT-342-BND                        | Buy Cypress Semiconductor MB89635PF-GT-342-BND |
| Cypress Semiconductor MB89635PF-GT-342-BND | Cypress Semiconductor Supplier                  | Cypress Semiconductor Distributor              |
| Cypress Semiconductor MB89635PF-GT-342-BND | Cypress Semiconductor Corp MB89635PF-GT-342-BND |                                                |

#### Related Products

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|  <div><b>MB89635PF-GT-274-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB MROM 64QFP<br/>In stock: 5933 pcs<br/>RFQ</div> |  <div><b>MB89635PF-GT-367-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB MROM 64QFP<br/>In stock: 6126 pcs<br/>RFQ</div> |
|  <div><b>MB89635PF-GT-363-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB MROM 64QFP<br/>In stock: 5667 pcs<br/>RFQ</div> |  <div><b>MB89635PF-GT-362-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB MROM 64QFP<br/>In stock: 4929 pcs<br/>RFQ</div> |
|  <div><b>MB89635PF-GT-255-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB MROM 64QFP<br/>In stock: 6105 pcs<br/>RFQ</div> |  <div><b>MB89635PF-GT-257-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB MROM 64QFP<br/>In stock: 5507 pcs<br/>RFQ</div> |
|  <div><b>MB89635PF-GT-343-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB MROM 64QFP<br/>In stock: 5543 pcs<br/>RFQ</div> |  <div><b>MB89635PF-GT-401-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB MROM 64QFP<br/>In stock: 5312 pcs<br/>RFQ</div> |
|  <div><b>MB89635PF-GT-413-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB MROM 64QFP<br/>In stock: 4779 pcs<br/>RFQ</div> |  <div><b>MB89635PF-GT-324-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB MROM 64QFP<br/>In stock: 4876 pcs<br/>RFQ</div> |
|  <div><b>MB89635PF-GT-341-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB MROM 64QFP<br/>In stock: 4821 pcs<br/>RFQ</div> |  <div><b>MB89635PF-GT-333-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB MROM 64QFP<br/>In stock: 6210 pcs<br/>RFQ</div> |