



### MB89637PF-GT-623-BND

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB89637PF-GT-623-BND                                                                                         |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 8BIT 32KB MROM 64QFP                                                                                  |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5243 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

#### Specifications of MB89637PF-GT-623-BND

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB89637PF-GT-623-BND                                                                                                     |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                    |
| DESCRIPTION                      | IC MCU 8BIT 32KB MROM 64QFP                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| QUANTITY AVAILABLE               | 5243 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                         | 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 <sup>2</sup> MC-8L F <sup>2</sup> 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 <sup>2</sup> MC-8L                                                                                                     |
| CONNECTIVITY                     | EBI/EMI, Serial I/O, UART/USART                                                                                          |

#### Related Tags

|                                            |                                                 |                                                |
|--------------------------------------------|-------------------------------------------------|------------------------------------------------|
| Cypress Semiconductor MB89637PF-GT-623-BND | MB89637PF-GT-623-BND Distributor                | MB89637PF-GT-623-BND Supplier                  |
| MB89637PF-GT-623-BND Price                 | MB89637PF-GT-623-BND Pictures                   | MB89637PF-GT-623-BND Image                     |
| MB89637PF-GT-623-BND PDF Datasheet         | MB89637PF-GT-623-BND Download Datasheet         | MB89637PF-GT-623-BND Datasheet                 |
| MB89637PF-GT-623-BND Stock                 | Buy MB89637PF-GT-623-BND                        | Buy Cypress Semiconductor MB89637PF-GT-623-BND |
| Cypress Semiconductor MB89637PF-GT-623-BND | Cypress Semiconductor Supplier                  | Cypress Semiconductor Distributor              |
| Cypress Semiconductor MB89637PF-GT-623-BND | Cypress Semiconductor Corp MB89637PF-GT-623-BND |                                                |

#### Related Products

|                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MB89637PF-GT-581-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB MROM 64QFP<br/>In stock: 4881 pcs</div> <div>RFQ</div>   | <div></div> <div><b>MB89637PF-GT-580-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB MROM 64QFP<br/>In stock: 5341 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MB89637RP-G-1150-SH</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB MROM 64SHDIP<br/>In stock: 5216 pcs</div> <div>RFQ</div>  | <div></div> <div><b>MB89637PF-GT-582-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB MROM 64QFP<br/>In stock: 5635 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MB89637PF-GT-612-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB MROM 64QFP<br/>In stock: 6206 pcs</div> <div>RFQ</div>   | <div></div> <div><b>MB89637PF-GT-589-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB MROM 64QFP<br/>In stock: 5135 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MB89637PF-GT-658-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB MROM 64QFP<br/>In stock: 6236 pcs</div> <div>RFQ</div>   | <div></div> <div><b>MB89637PF-GT-682-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB MROM 64QFP<br/>In stock: 4790 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MB89637PF-GT-699-BNDE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB MROM 64QFP<br/>In stock: 5274 pcs</div> <div>RFQ</div> | <div></div> <div><b>MB89637PF-GT-699-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB MROM 64QFP<br/>In stock: 5334 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MB89637PF-GT-657-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB MROM 64QFP<br/>In stock: 5633 pcs</div> <div>RFQ</div>   | <div></div> <div><b>MB89637PF-GT-587-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB MROM 64QFP<br/>In stock: 4905 pcs</div> <div>RFQ</div> |