

CYPRESS  
EMBEDDED IN TOMORROW

Cypress Semiconductor



Image may be representation. See specifications for product details.

### MB89P637PF-GT-5093E1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB89P637PF-GT-5093E1                                                                                         |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 8BIT 32KB OTP 64QFP                                                                                   |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 7005 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

#### Specifications of MB89P637PF-GT-5093E1

|                                  |                                                                                                                     |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB89P637PF-GT-5093E1                                                                                                |
| MANUFACTURER                     | Cypress Semiconductor                                                                                               |
| DESCRIPTION                      | IC MCU 8BIT 32KB OTP 64QFP                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                          |
| QUANTITY AVAILABLE               | 7005 pcs                                                                                                            |
| DATA SHEET                       |                                                                                                                     |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 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              | OTP                                                                                                                 |
| 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) OTP 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 MB89P637PF-GT-5093E1 | MB89P637PF-GT-5093E1 Distributor                | MB89P637PF-GT-5093E1 Supplier                  |
| MB89P637PF-GT-5093E1 Price                 | MB89P637PF-GT-5093E1 Pictures                   | MB89P637PF-GT-5093E1 Image                     |
| MB89P637PF-GT-5093E1 PDF Datasheet         | MB89P637PF-GT-5093E1 Download Datasheet         | MB89P637PF-GT-5093E1 Datasheet                 |
| MB89P637PF-GT-5093E1 Stock                 | Buy MB89P637PF-GT-5093E1                        | Buy Cypress Semiconductor MB89P637PF-GT-5093E1 |
| Cypress Semiconductor MB89P637PF-GT-5093E1 | Cypress Semiconductor Supplier                  | Cypress Semiconductor Distributor              |
| Cypress Semiconductor MB89P637PF-GT-5093E1 | Cypress Semiconductor Corp MB89P637PF-GT-5093E1 |                                                |

#### Related Products

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| <div>CYPRESS<br/>EMBEDDED IN TOMORROW</div> <div><b>MB89P637PF-GT-5083E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB OTP 64QFP<br/>In stock: 6098 pcs</div> <div>RFQ</div> | <div>CYPRESS<br/>EMBEDDED IN TOMORROW</div> <div><b>MB89P637PF-GT-5088</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB OTP 64QFP<br/>In stock: 5271 pcs</div> <div>RFQ</div> |
| <div>CYPRESS<br/>EMBEDDED IN TOMORROW</div> <div><b>MB89P637PF-GT-5096E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB OTP 64QFP<br/>In stock: 4199 pcs</div> <div>RFQ</div> | <div>CYPRESS<br/>EMBEDDED IN TOMORROW</div> <div><b>MB89P637PF-GT-5100</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB OTP 64QFP<br/>In stock: 4820 pcs</div> <div>RFQ</div> |
| <div>CYPRESS<br/>EMBEDDED IN TOMORROW</div> <div><b>MB89P637PF-GT-5095</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB OTP 64QFP<br/>In stock: 5333 pcs</div> <div>RFQ</div>   | <div>CYPRESS<br/>EMBEDDED IN TOMORROW</div> <div><b>MB89P637PF-GT-5098</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB OTP 64QFP<br/>In stock: 5594 pcs</div> <div>RFQ</div> |
| <div>CYPRESS<br/>EMBEDDED IN TOMORROW</div> <div><b>MB89P637PF-GT-5091</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB OTP 64QFP<br/>In stock: 4765 pcs</div> <div>RFQ</div>   | <div>CYPRESS<br/>EMBEDDED IN TOMORROW</div> <div><b>MB89P637PF-GT-5093</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB OTP 64QFP<br/>In stock: 5877 pcs</div> <div>RFQ</div> |
| <div>CYPRESS<br/>EMBEDDED IN TOMORROW</div> <div><b>MB89P637PF-GT-5099</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB OTP 64QFP<br/>In stock: 5298 pcs</div> <div>RFQ</div>   | <div>CYPRESS<br/>EMBEDDED IN TOMORROW</div> <div><b>MB89P637PF-GT-5086</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB OTP 64QFP<br/>In stock: 6027 pcs</div> <div>RFQ</div> |
| <div>CYPRESS<br/>EMBEDDED IN TOMORROW</div> <div><b>MB89P637PF-GT-5092</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB OTP 64QFP<br/>In stock: 6366 pcs</div> <div>RFQ</div>   | <div>CYPRESS<br/>EMBEDDED IN TOMORROW</div> <div><b>MB89P637PF-GT-5096</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB OTP 64QFP<br/>In stock: 5481 pcs</div> <div>RFQ</div> |

