



Cypress Semiconductor

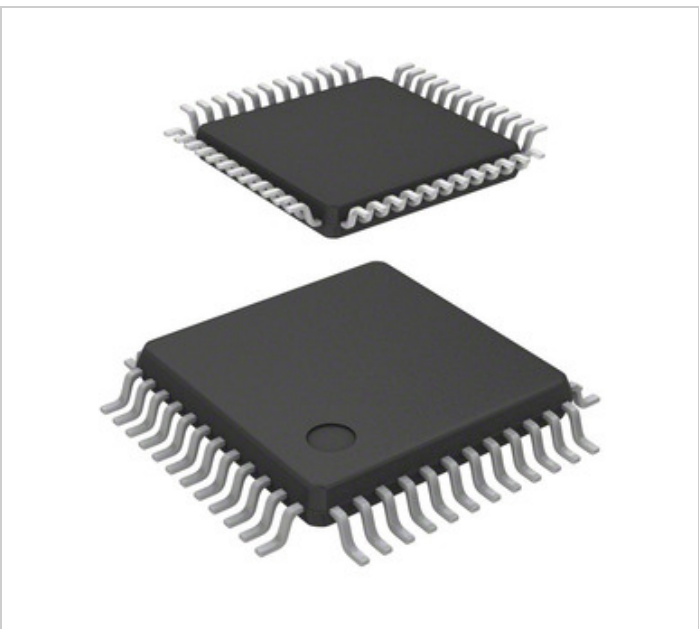


Image may be representation. See specifications for product details.

MB89945PF-G-112-BND

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB89945PF-G-112-BND                                                                                          |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 8BIT 16KB MROM 48QFP                                                                                  |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5963 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MB89945PF-G-112-BND

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB89945PF-G-112-BND                                                                                                    |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                  |
| DESCRIPTION                      | IC MCU 8BIT 16KB MROM 48QFP                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| QUANTITY AVAILABLE               | 5963 pcs                                                                                                               |
| DATA SHEET                       |                                                                                                                        |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.5 V ~ 5.5 V                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 48-QFP (12x12)                                                                                                         |
| SPEED                            | 8MHz                                                                                                                   |
| SERIES                           | F <sup>2</sup> MC-8L MB89940                                                                                           |
| RAM SIZE                         | 512 x 8                                                                                                                |
| PROGRAM MEMORY TYPE              | Mask ROM                                                                                                               |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                                                         |
| PERIPHERALS                      | LVD, LCD, POR, PWM, WDT                                                                                                |
| PACKAGING                        | Tray                                                                                                                   |
| PACKAGE / CASE                   | 48-BQFP                                                                                                                |
| OSCILLATOR TYPE                  | External                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                      |
| NUMBER OF I/O                    | 24                                                                                                                     |
| 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 MB89940 Microcontroller IC 8-Bit 8MHz 16KB (16K x 8) Mask ROM 48-QFP (12x12) |
| DATA CONVERTERS                  | A/D 2x8b                                                                                                               |
| CORE SIZE                        | 8-Bit                                                                                                                  |
| CORE PROCESSOR                   | F <sup>2</sup> MC-8L                                                                                                   |
| CONNECTIVITY                     | -                                                                                                                      |

Related Tags

|                                           |                                                |                                               |
|-------------------------------------------|------------------------------------------------|-----------------------------------------------|
| Cypress Semiconductor MB89945PF-G-112-BND | MB89945PF-G-112-BND Distributor                | MB89945PF-G-112-BND Supplier                  |
| MB89945PF-G-112-BND Price                 | MB89945PF-G-112-BND Pictures                   | MB89945PF-G-112-BND Image                     |
| MB89945PF-G-112-BND PDF Datasheet         | MB89945PF-G-112-BND Download Datasheet         | MB89945PF-G-112-BND Datasheet                 |
| MB89945PF-G-112-BND Stock                 | Buy MB89945PF-G-112-BND                        | Buy Cypress Semiconductor MB89945PF-G-112-BND |
| Cypress Semiconductor MB89945PF-G-112-BND | Cypress Semiconductor Supplier                 | Cypress Semiconductor Distributor             |
| Cypress Semiconductor MB89945PF-G-112-BND | Cypress Semiconductor Corp MB89945PF-G-112-BND |                                               |

Related Products

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MB89985L-G-215-CHIP</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT MICOM 320BGA<br/>In stock: 3551 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>MB89983PFM-G-195-JNE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 8KB MROM 64LQFP<br/>In stock: 2796 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MB89943PF-G-117-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 8KB MROM 48QFP<br/>In stock: 6134 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>MB89943PF-G-111-BNDE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 8KB MROM 48QFP<br/>In stock: 4869 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MB89983L-G-233-CHIP</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 8KB MROM 320BGA<br/>In stock: 6023 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MB89983PMC-G-145-JNE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 8KB MROM 64LQFP<br/>In stock: 4612 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MB89943PF-G-102-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 8KB MROM 48QFP<br/>In stock: 6323 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>MB89943PF-G-116-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 8KB MROM 48QFP<br/>In stock: 5623 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>MB89945PF-G-120-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB MROM 48QFP<br/>In stock: 4857 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MB89985L-G-232-CHIP</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT MICOM 320BGA<br/>In stock: 2936 pcs<br/><div>RFQ</div></div>      |
| <div></div> <div><b>MB89943PF-G-122-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 8KB MROM 48QFP<br/>In stock: 4998 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>MB89935DPFV-GS-117-ERE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT MICOM 30SSOP<br/>In stock: 4433 pcs<br/><div>RFQ</div></div>  |