



Cypress Semiconductor



MB89P568-101PFV-GE1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB89P568-101PFV-GE1                                                                                          |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 8BIT 48KB OTP 80LQFP                                                                                  |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

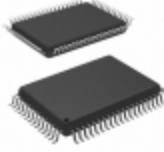
Specifications of MB89P568-101PFV-GE1

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB89P568-101PFV-GE1                                                                                                    |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                  |
| DESCRIPTION                      | IC MCU 8BIT 48KB OTP 80LQFP                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| DATA SHEET                       |                                                                                                                        |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 80-LQFP (12x12)                                                                                                        |
| SPEED                            | 12.5MHz                                                                                                                |
| SERIES                           | F <sup>2</sup> MC-8L MB89560A                                                                                          |
| RAM SIZE                         | 1K x 8                                                                                                                 |
| PROGRAM MEMORY TYPE              | OTP                                                                                                                    |
| PROGRAM MEMORY SIZE              | 48KB (48K x 8)                                                                                                         |
| PERIPHERALS                      | LCD, POR, PWM, WDT                                                                                                     |
| PACKAGING                        | Tray                                                                                                                   |
| PACKAGE / CASE                   | 80-LQFP                                                                                                                |
| OSCILLATOR TYPE                  | External                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                      |
| NUMBER OF I/O                    | 50                                                                                                                     |
| 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 MB89560A Microcontroller IC 8-Bit 12.5MHz 48KB (48K x 8) OTP 80-LQFP (12x12) |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                              |
| CORE SIZE                        | 8-Bit                                                                                                                  |
| CORE PROCESSOR                   | F <sup>2</sup> MC-8L                                                                                                   |
| CONNECTIVITY                     | I <sup>2</sup> C, Serial I/O, UART/USART                                                                               |

Related Tags

|                                           |                                                |                                               |
|-------------------------------------------|------------------------------------------------|-----------------------------------------------|
| Cypress Semiconductor MB89P568-101PFV-GE1 | MB89P568-101PFV-GE1 Distributor                | MB89P568-101PFV-GE1 Supplier                  |
| MB89P568-101PFV-GE1 Price                 | MB89P568-101PFV-GE1 Pictures                   | MB89P568-101PFV-GE1 Image                     |
| MB89P568-101PFV-GE1 PDF Datasheet         | MB89P568-101PFV-GE1 Download Datasheet         | MB89P568-101PFV-GE1 Datasheet                 |
| MB89P568-101PFV-GE1 Stock                 | Buy MB89P568-101PFV-GE1                        | Buy Cypress Semiconductor MB89P568-101PFV-GE1 |
| Cypress Semiconductor MB89P568-101PFV-GE1 | Cypress Semiconductor Supplier                 | Cypress Semiconductor Distributor             |
| Cypress Semiconductor MB89P568-101PFV-GE1 | Cypress Semiconductor Corp MB89P568-101PFV-GE1 |                                               |

Related Products

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MB89P165-103PFV-G</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB OTP 80LQFP<br/>In stock: Out stock<br/>RFQ</div>        | <div></div> <div><b>MB89P637P-G-SH-TLE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB OTP 64SHDIP<br/>In stock: Out stock<br/>RFQ</div>    |
| <div></div> <div><b>MB89P625PMC-G-LE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB OTP<br/>In stock: Out stock<br/>RFQ</div>               | <div></div> <div><b>MB89P185-105PF-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB OTP 64QFP<br/>In stock: Out stock<br/>RFQ</div>       |
| <div></div> <div><b>MB89F538-101PMC-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 48KB FLASH 64QFP<br/>In stock: Out stock<br/>RFQ</div>    | <div></div> <div><b>MB89F202RAP-G-SH-SNE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 32SDIP<br/>In stock: Out stock<br/>RFQ</div> |
| <div></div> <div><b>MB89P625P-G-SH-L</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB OTP 64SHDIP<br/>In stock: Out stock<br/>RFQ</div>        | <div></div> <div><b>MB89P637P-G-SH</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB OTP 64SHDIP<br/>In stock: Out stock<br/>RFQ</div>         |
| <div></div> <div><b>MB89P627PF-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: Out stock<br/>RFQ</div>                    | <div></div> <div><b>MB89P475-101PMC-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB OTP 48LQFP<br/>In stock: Out stock<br/>RFQ</div>    |
| <div></div> <div><b>MB89P475-102P-G-SH-JNE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 16KB OTP 48SHDIP<br/>In stock: Out stock<br/>RFQ</div> | <div></div> <div><b>MB89P637-301PF-G</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB OTP 64QFP<br/>In stock: Out stock<br/>RFQ</div>         |