



Cypress Semiconductor

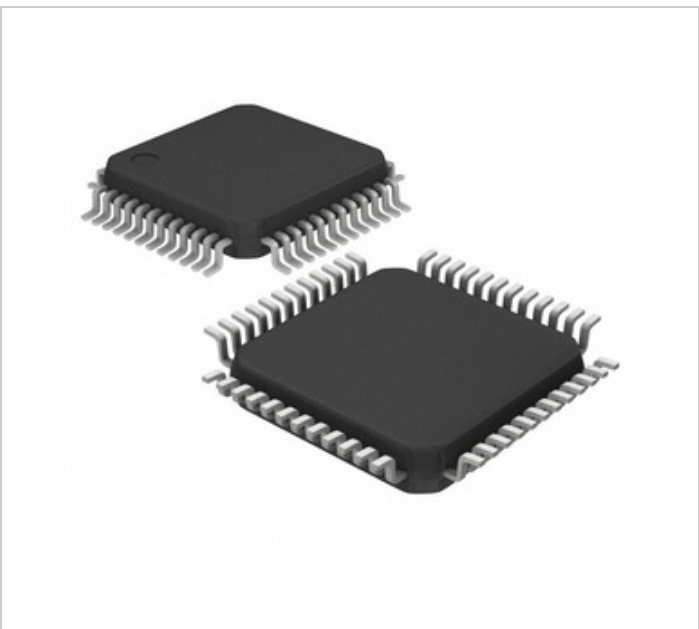


Image may be representation. See specifications for product details.

MB96F313ASBPMC-GS-JAE2

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB96F313ASBPMC-GS-JAE2                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 96KB FLASH 48LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

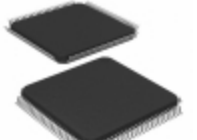
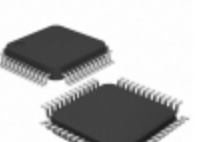
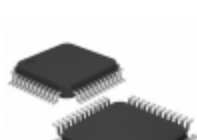
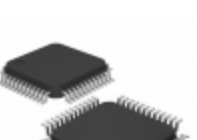
Specifications of MB96F313ASBPMC-GS-JAE2

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB96F313ASBPMC-GS-JAE2                                                                                                   |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                    |
| DESCRIPTION                      | IC MCU 16BIT 96KB FLASH 48LQFP                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| DATA SHEET                       |                                                                                                                          |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 48-LQFP (7x7)                                                                                                            |
| SPEED                            | 56MHz                                                                                                                    |
| SERIES                           | F <sup>2</sup> MC-16FX MB96310                                                                                           |
| RAM SIZE                         | 8K x 8                                                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                    |
| PROGRAM MEMORY SIZE              | 96KB (96K x 8)                                                                                                           |
| PERIPHERALS                      | DMA, LVD, LVR, POR, PWM, WDT                                                                                             |
| PACKAGING                        | Tray                                                                                                                     |
| PACKAGE / CASE                   | 48-LQFP                                                                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                       |
| NUMBER OF I/O                    | 36                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                            |
| MANUFACTURER STANDARD LEAD TIME  | 26 Weeks                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| EEPROM SIZE                      | -                                                                                                                        |
| DETAILED DESCRIPTION             | F <sup>2</sup> MC-16FX F <sup>2</sup> MC-16FX MB96310 Microcontroller IC 16-Bit 56MHz 96KB (96K x 8) FLASH 48-LQFP (7x7) |
| DATA CONVERTERS                  | A/D 12x10b                                                                                                               |
| CORE SIZE                        | 16-Bit                                                                                                                   |
| CORE PROCESSOR                   | F <sup>2</sup> MC-16FX                                                                                                   |
| CONNECTIVITY                     | CANbus, LINbus, SCI, UART/USART                                                                                          |

Related Tags

|                                              |                                                   |                                                  |
|----------------------------------------------|---------------------------------------------------|--------------------------------------------------|
| Cypress Semiconductor MB96F313ASBPMC-GS-JAE2 | MB96F313ASBPMC-GS-JAE2 Distributor                | MB96F313ASBPMC-GS-JAE2 Supplier                  |
| MB96F313ASBPMC-GS-JAE2 Price                 | MB96F313ASBPMC-GS-JAE2 Pictures                   | MB96F313ASBPMC-GS-JAE2 Image                     |
| MB96F313ASBPMC-GS-JAE2 PDF Datasheet         | MB96F313ASBPMC-GS-JAE2 Download Datasheet         | MB96F313ASBPMC-GS-JAE2 Datasheet                 |
| MB96F313ASBPMC-GS-JAE2 Stock                 | Buy MB96F313ASBPMC-GS-JAE2                        | Buy Cypress Semiconductor MB96F313ASBPMC-GS-JAE2 |
| Cypress Semiconductor MB96F313ASBPMC-GS-JAE2 | Cypress Semiconductor Supplier                    | Cypress Semiconductor Distributor                |
| Cypress Semiconductor MB96F313ASBPMC-GS-JAE2 | Cypress Semiconductor Corp MB96F313ASBPMC-GS-JAE2 |                                                  |

Related Products

|                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MB96F118RBP</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU FLASH MICOM-0.18 80LQFP<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>MB96F119RBP</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU FLASH MICOM-0.18 100LQFP<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>MB96F313ASBP</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 96KB FLASH 48LQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MB96F313ASBP</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 96KB FLASH 48LQFP<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>MB96F313ASBP</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 96KB FLASH 48LQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MB96F315ASBP</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 48LQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MB96F313RSBP</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 96KB FLASH 48LQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MB96F313RSBP</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 96KB FLASH 48LQFP<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>MB96F313ASBP</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 96KB FLASH 48LQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MB96F313RSBP</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 96KB FLASH 48LQFP<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>MB96F118ABP</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU FLASH MICOM-0.18 80LQFP<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>MB96F11ARBP</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU FLASH MICOM-0.18 120LQFP<br/>In stock: Out stock<br/>RFQ</div>  |