



Cypress Semiconductor



MB96F315RSBPMC-GS-ERE2

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB96F315RSBPMC-GS-ERE2                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 160KB FLASH 48LQFP                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5304 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MB96F315RSBPMC-GS-ERE2

|                                  |                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB96F315RSBPMC-GS-ERE2                                                                                                     |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                      |
| DESCRIPTION                      | IC MCU 16BIT 160KB FLASH 48LQFP                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                 |
| QUANTITY AVAILABLE               | 5304 pcs                                                                                                                   |
| 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              | 160KB (160K x 8)                                                                                                           |
| PERIPHERALS                      | DMA, LVD, LVR, POR, PWM, WDT                                                                                               |
| PACKAGING                        | Tape & Reel (TR)                                                                                                           |
| 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)                                                                                                              |
| 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 160KB (160K 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 MB96F315RSBPMC-GS-ERE2 | MB96F315RSBPMC-GS-ERE2 Distributor                | MB96F315RSBPMC-GS-ERE2 Supplier                  |
| MB96F315RSBPMC-GS-ERE2 Price                 | MB96F315RSBPMC-GS-ERE2 Pictures                   | MB96F315RSBPMC-GS-ERE2 Image                     |
| MB96F315RSBPMC-GS-ERE2 PDF Datasheet         | MB96F315RSBPMC-GS-ERE2 Download Datasheet         | MB96F315RSBPMC-GS-ERE2 Datasheet                 |
| MB96F315RSBPMC-GS-ERE2 Stock                 | Buy MB96F315RSBPMC-GS-ERE2                        | Buy Cypress Semiconductor MB96F315RSBPMC-GS-ERE2 |
| Cypress Semiconductor MB96F315RSBPMC-GS-ERE2 | Cypress Semiconductor Supplier                    | Cypress Semiconductor Distributor                |
| Cypress Semiconductor MB96F315RSBPMC-GS-ERE2 | Cypress Semiconductor Corp MB96F315RSBPMC-GS-ERE2 |                                                  |

Related Products

|                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                              |
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| <div></div> <div><b>MB96F315RSBPMC-GS-JAE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 48LQFP<br/>In stock: 13928 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MB96F313RSBPMC-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 96KB FLASH 48LQFP<br/>In stock: 13927 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>MB96F315RSBPMC-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 48LQFP<br/>In stock: 15003 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>MB96F313RSBPMC-GS-ERE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 96KB FLASH 48LQFP<br/>In stock: 7990 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>MB96F313ASBPMC-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 96KB FLASH 48LQFP<br/>In stock: 8519 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>MB96F313RSBPMC-GS-N2E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 96KB FLASH 48LQFP<br/>In stock: 15564 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MB96F315RSBPMC-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 48LQFP<br/>In stock: 7571 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>MB96F315RSBPMC-GS-JAE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 48LQFP<br/>In stock: 13035 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MB96F315RSBPMC-GS-N2E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 48LQFP<br/>In stock: 13408 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MB96F313ASBPMC-GS-N2E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 96KB FLASH 48LQFP<br/>In stock: 8467 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>MB96F315RSBPMC-GS-N2E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 48LQFP<br/>In stock: 9909 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>MB96F315ASBPMC-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 48LQFP<br/>In stock: 6560 pcs<br/><div>RFQ</div></div>     |