



Cypress Semiconductor



MB96F615RBPMC-GSE2

|                     |                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB96F615RBPMC-GSE2                                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                                    |
| Product description | IC MCU 16BIT 160KB FLASH 48LQFP                                                                                          |
| Datasheets:         |  <a href="#">MB96F615RBPMC-GSE2.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant             |
| Stock Condition     | 18104 pcs stock                                                                                                          |
| Ship From           | Hong Kong                                                                                                                |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                    |

REQUEST FOR QUOTATION

Specifications of MB96F615RBPMC-GSE2

|                                  |                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB96F615RBPMC-GSE2                                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                      |
| DESCRIPTION                      | IC MCU 16BIT 160KB FLASH 48LQFP                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                 |
| QUANTITY AVAILABLE               | 18104 pcs                                                                                                                  |
| DATA SHEET                       |  <a href="#">MB96F615RBPMC-GSE2.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 48-LQFP (7x7)                                                                                                              |
| SPEED                            | 32MHz                                                                                                                      |
| SERIES                           | F <sup>2</sup> MC-16FX MB96610                                                                                             |
| RAM SIZE                         | 10K x 8                                                                                                                    |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                      |
| PROGRAM MEMORY SIZE              | 160KB (160K x 8)                                                                                                           |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                                                                    |
| PACKAGING                        | Tray                                                                                                                       |
| PACKAGE / CASE                   | 48-LQFP                                                                                                                    |
| OTHER NAMES                      | CY96F615RBPMC-GS-UJE2<br>MB96F615RBPMC-GS-N2E2<br>MB96F615RBPMC-GS-N2E2-ND                                                 |
| OSCILLATOR TYPE                  | Internal                                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                         |
| NUMBER OF I/O                    | 37                                                                                                                         |
| 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 MB96610 Microcontroller IC 16-Bit 32MHz 160KB (160K x 8) FLASH 48-LQFP (7x7) |
| DATA CONVERTERS                  | A/D 16x8/10b                                                                                                               |
| CORE SIZE                        | 16-Bit                                                                                                                     |
| CORE PROCESSOR                   | F <sup>2</sup> MC-16FX                                                                                                     |
| CONNECTIVITY                     | CANbus, LINbus, SCI, UART/USART                                                                                            |

Related Tags

|                                          |                                               |                                              |
|------------------------------------------|-----------------------------------------------|----------------------------------------------|
| Cypress Semiconductor MB96F615RBPMC-GSE2 | MB96F615RBPMC-GSE2 Distributor                | MB96F615RBPMC-GSE2 Supplier                  |
| MB96F615RBPMC-GSE2 Price                 | MB96F615RBPMC-GSE2 Pictures                   | MB96F615RBPMC-GSE2 Image                     |
| MB96F615RBPMC-GSE2 PDF Datasheet         | MB96F615RBPMC-GSE2 Download Datasheet         | MB96F615RBPMC-GSE2 Datasheet                 |
| MB96F615RBPMC-GSE2 Stock                 | Buy MB96F615RBPMC-GSE2                        | Buy Cypress Semiconductor MB96F615RBPMC-GSE2 |
| Cypress Semiconductor MB96F615RBPMC-GSE2 | Cypress Semiconductor Supplier                | Cypress Semiconductor Distributor            |
| Cypress Semiconductor MB96F615RBPMC-GSE2 | Cypress Semiconductor Corp MB96F615RBPMC-GSE2 |                                              |

Related Products

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| <div></div> <div><b>MB96F615RBPMC-GSAE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 48LQFP<br/>In stock: 4802 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MB96F615RBPMC-GS-F4E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 48LQFP<br/>In stock: 19395 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MB96F622ABPMC-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br/>In stock: 26618 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>MB96F615RBPMC-GS-UJERE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: 7065 pcs<br/><div>RFQ</div></div>             |
| <div></div> <div><b>MB96F622ABPMC-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br/>In stock: 15840 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>MB96F615RBPMC-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 48LQFP<br/>In stock: 17083 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>MB96F615RBPMC-GTE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 48LQFP<br/>In stock: 11600 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MB96F615RBPMC-GT-N2E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 48LQFP<br/>In stock: 12022 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MB96F622ABPMC-GSAE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br/>In stock: 19321 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MB96F615RBPMC-GS-ERE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 48LQFP<br/>In stock: 23162 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MB96F615RBPMC-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 48LQFP<br/>In stock: 42427 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>MB96F622ABPMC-GS-F4E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br/>In stock: 4496 pcs<br/><div>RFQ</div></div>   |