



Cypress Semiconductor



MB96F696RBPMC-GSAE1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB96F696RBPMC-GSAE1                                                                                          |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 288KB FLASH 100LQFP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 15087 pcs stock                                                                                              |
| 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 MB96F696RBPMC-GSAE1

|                                  |                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB96F696RBPMC-GSAE1                                                                                                           |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                         |
| DESCRIPTION                      | IC MCU 16BIT 288KB FLASH 100LQFP                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                    |
| QUANTITY AVAILABLE               | 15087 pcs                                                                                                                     |
| DATA SHEET                       |                                                                                                                               |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                                                              |
| SPEED                            | 32MHz                                                                                                                         |
| SERIES                           | F <sup>2</sup> MC-16FX MB96690                                                                                                |
| RAM SIZE                         | 16K x 8                                                                                                                       |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                         |
| PROGRAM MEMORY SIZE              | 288KB (288K x 8)                                                                                                              |
| PERIPHERALS                      | DMA, LCD, LVD, POR, PWM, WDT                                                                                                  |
| PACKAGING                        | Tray                                                                                                                          |
| PACKAGE / CASE                   | 100-LQFP                                                                                                                      |
| OTHER NAMES                      | CY96F696RBPMC-GSA-UJE1                                                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                            |
| NUMBER OF I/O                    | 77                                                                                                                            |
| 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 MB96690 Microcontroller IC 16-Bit 32MHz 288KB (288K x 8) FLASH 100-LQFP (14x14) |
| DATA CONVERTERS                  | A/D 27x8/10b                                                                                                                  |
| CORE SIZE                        | 16-Bit                                                                                                                        |
| CORE PROCESSOR                   | F <sup>2</sup> MC-16FX                                                                                                        |
| CONNECTIVITY                     | CANbus, I <sup>2</sup> C, LINbus, SCI, UART/USART                                                                             |

Related Tags

|                                           |                                                |                                               |
|-------------------------------------------|------------------------------------------------|-----------------------------------------------|
| Cypress Semiconductor MB96F696RBPMC-GSAE1 | MB96F696RBPMC-GSAE1 Distributor                | MB96F696RBPMC-GSAE1 Supplier                  |
| MB96F696RBPMC-GSAE1 Price                 | MB96F696RBPMC-GSAE1 Pictures                   | MB96F696RBPMC-GSAE1 Image                     |
| MB96F696RBPMC-GSAE1 PDF Datasheet         | MB96F696RBPMC-GSAE1 Download Datasheet         | MB96F696RBPMC-GSAE1 Datasheet                 |
| MB96F696RBPMC-GSAE1 Stock                 | Buy MB96F696RBPMC-GSAE1                        | Buy Cypress Semiconductor MB96F696RBPMC-GSAE1 |
| Cypress Semiconductor MB96F696RBPMC-GSAE1 | Cypress Semiconductor Supplier                 | Cypress Semiconductor Distributor             |
| Cypress Semiconductor MB96F696RBPMC-GSAE1 | Cypress Semiconductor Corp MB96F696RBPMC-GSAE1 |                                               |

Related Products

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| <div><div><b>MB96F696RBPMC-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 100LQFP<br/>In stock: 10136 pcs</div><div>RFQ</div></div>  | <div><div><b>MB96F6A5ABPMC-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 120LQFP<br/>In stock: 14012 pcs</div><div>RFQ</div></div>    |
| <div><div><b>MB96F695ABPMC-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 100LQFP<br/>In stock: 14831 pcs</div><div>RFQ</div></div>  | <div><div><b>MB96F696RBPMC-GS-N2E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 100LQFP<br/>In stock: 13439 pcs</div><div>RFQ</div></div> |
| <div><div><b>MB96F696RBPMC-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 100LQFP<br/>In stock: 11993 pcs</div><div>RFQ</div></div>  | <div><div><b>MB96F695RBPMC-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 100LQFP<br/>In stock: 6374 pcs</div><div>RFQ</div></div>     |
| <div><div><b>MB96F696YBPMC-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 100LQFP<br/>In stock: 3300 pcs</div><div>RFQ</div></div>   | <div><div><b>MB96F695RBPMC-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 100LQFP<br/>In stock: 24307 pcs</div><div>RFQ</div></div>     |
| <div><div><b>MB96F6A5ABPMC-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 120LQFP<br/>In stock: 15462 pcs</div><div>RFQ</div></div>  | <div><div><b>MB96F695RBPMC-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 100LQFP<br/>In stock: 19793 pcs</div><div>RFQ</div></div>    |
| <div><div><b>MB96F695RBPMC-GSAE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 100LQFP<br/>In stock: 13149 pcs</div><div>RFQ</div></div> | <div><div><b>MB96F6A5ABPMC-GSAE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 120LQFP<br/>In stock: 14891 pcs</div><div>RFQ</div></div>   |