



MB96F693RBPMC-GSE1

|                     |                                 |
|---------------------|---------------------------------|
| Part Number:        | MB96F693RBPMC-GSE1              |
| Manufacturer/Brand: | Cypress Semiconductor           |
| Product description | IC MCU 16BIT 96KB FLASH 100LQFP |
| Datasheets:         | MB96F693RBPMC-GSE1.pdf          |
| RoHs Status         | Lead free / RoHS Compliant      |
| Ship From           | Hong Kong                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS           |

REQUEST FOR QUOTATION

Specifications of MB96F693RBPMC-GSE1

|                                  |                                                                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB96F693RBPMC-GSE1                                                                                                          |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                       |
| DESCRIPTION                      | IC MCU 16BIT 96KB FLASH 100LQFP                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                  |
| DATA SHEET                       | MB96F693RBPMC-GSE1.pdf                                                                                                      |
| 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                         | 8K x 8                                                                                                                      |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                       |
| PROGRAM MEMORY SIZE              | 96KB (96K x 8)                                                                                                              |
| PERIPHERALS                      | DMA, LCD, LVD, POR, PWM, WDT                                                                                                |
| PACKAGING                        | Tray                                                                                                                        |
| PACKAGE / CASE                   | 100-LQFP                                                                                                                    |
| 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 96KB (96K 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 MB96F693RBPMC-GSE1 | MB96F693RBPMC-GSE1 Distributor                | MB96F693RBPMC-GSE1 Supplier                  |
| MB96F693RBPMC-GSE1 Price                 | MB96F693RBPMC-GSE1 Pictures                   | MB96F693RBPMC-GSE1 Image                     |
| MB96F693RBPMC-GSE1 PDF Datasheet         | MB96F693RBPMC-GSE1 Download Datasheet         | MB96F693RBPMC-GSE1 Datasheet                 |
| MB96F693RBPMC-GSE1 Stock                 | Buy MB96F693RBPMC-GSE1                        | Buy Cypress Semiconductor MB96F693RBPMC-GSE1 |
| Cypress Semiconductor MB96F693RBPMC-GSE1 | Cypress Semiconductor Supplier                | Cypress Semiconductor Distributor            |
| Cypress Semiconductor MB96F693RBPMC-GSE1 | Cypress Semiconductor Corp MB96F693RBPMC-GSE1 |                                              |

Related Products

|                                                                                                                                                                                         |                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MB96F693ABPMC-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 96KB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>MB96F695ABPMC-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>MB96F695ABPMC-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>MB96F693RBPMC-GSAE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 96KB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>MB96F693RBPMC-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 96KB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    | <div></div> <div><b>MB96F693RBPMC-GS-N2E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 96KB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
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