



Cypress Semiconductor



MB96F683ABPMC-GSE2

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB96F683ABPMC-GSE2                                                                                           |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 96KB FLASH 80LQFP                                                                               |
| Datasheets:         |  MB96F683ABPMC-GSE2.pdf     |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 14974 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 MB96F683ABPMC-GSE2

|                                  |                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB96F683ABPMC-GSE2                                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                      |
| DESCRIPTION                      | IC MCU 16BIT 96KB FLASH 80LQFP                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                 |
| QUANTITY AVAILABLE               | 14974 pcs                                                                                                                  |
| DATA SHEET                       |  MB96F683ABPMC-GSE2.pdf                 |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 80-LQFP (12x12)                                                                                                            |
| SPEED                            | 32MHz                                                                                                                      |
| SERIES                           | F <sup>2</sup> MC-16FX MB96680                                                                                             |
| RAM SIZE                         | 4K x 8                                                                                                                     |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                      |
| PROGRAM MEMORY SIZE              | 96KB (96K x 8)                                                                                                             |
| PERIPHERALS                      | DMA, LCD, LVD, POR, PWM, WDT                                                                                               |
| PACKAGING                        | Tray                                                                                                                       |
| PACKAGE / CASE                   | 80-LQFP                                                                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                         |
| NUMBER OF I/O                    | 65                                                                                                                         |
| 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 MB96680 Microcontroller IC 16-Bit 32MHz 96KB (96K x 8) FLASH 80-LQFP (12x12) |
| DATA CONVERTERS                  | A/D 14x8/10b                                                                                                               |
| CORE SIZE                        | 16-Bit                                                                                                                     |
| CORE PROCESSOR                   | F <sup>2</sup> MC-16FX                                                                                                     |
| CONNECTIVITY                     | I <sup>2</sup> C, LINbus, SCI, UART/USART                                                                                  |

Related Tags

|                                          |                                               |                                              |
|------------------------------------------|-----------------------------------------------|----------------------------------------------|
| Cypress Semiconductor MB96F683ABPMC-GSE2 | MB96F683ABPMC-GSE2 Distributor                | MB96F683ABPMC-GSE2 Supplier                  |
| MB96F683ABPMC-GSE2 Price                 | MB96F683ABPMC-GSE2 Pictures                   | MB96F683ABPMC-GSE2 Image                     |
| MB96F683ABPMC-GSE2 PDF Datasheet         | MB96F683ABPMC-GSE2 Download Datasheet         | MB96F683ABPMC-GSE2 Datasheet                 |
| MB96F683ABPMC-GSE2 Stock                 | Buy MB96F683ABPMC-GSE2                        | Buy Cypress Semiconductor MB96F683ABPMC-GSE2 |
| Cypress Semiconductor MB96F683ABPMC-GSE2 | Cypress Semiconductor Supplier                | Cypress Semiconductor Distributor            |
| Cypress Semiconductor MB96F683ABPMC-GSE2 | Cypress Semiconductor Corp MB96F683ABPMC-GSE2 |                                              |

Related Products

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| <div><div><b>MB96F685ABPMC-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 80LQFP<br/>In stock: 30153 pcs</div><div>RFQ</div></div>       | <div><div><b>MB96F683RBPMC-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 96KB FLASH 80LQFP<br/>In stock: 15807 pcs</div><div>RFQ</div></div>       |
| <div><div><b>MB96F683RBPMC-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 96KB FLASH 80LQFP<br/>In stock: 16145 pcs</div><div>RFQ</div></div>       | <div><div><b>MB96F683ABPMC-GSAE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 96KB FLASH 80LQFP<br/>In stock: 15039 pcs</div><div>RFQ</div></div>      |
| <div><div><b>MB96F683RBPMC-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 96KB FLASH 80LQFP<br/>In stock: 36591 pcs</div><div>RFQ</div></div>        | <div><div><b>MB96F683RBPMC-GSAE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 96KB FLASH 80LQFP<br/>In stock: 16841 pcs</div><div>RFQ</div></div>      |
| <div><div><b>MB96F683ABPMC-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 96KB FLASH 80LQFP<br/>In stock: 17801 pcs</div><div>RFQ</div></div>       | <div><div><b>MB96F683ABPMC-GS-114JAE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 96KB FLASH 80LQFP<br/>In stock: 7303 pcs</div><div>RFQ</div></div>  |
| <div><div><b>MB96F685ABPMC-GSAE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 80LQFP<br/>In stock: 16020 pcs</div><div>RFQ</div></div>     | <div><div><b>MB96F683ABPMC-GS-106JAE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 96KB FLASH 80LQFP<br/>In stock: 16773 pcs</div><div>RFQ</div></div> |
| <div><div><b>MB96F683ABPMC-GS-108JAE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 96KB FLASH 80LQFP<br/>In stock: 15713 pcs</div><div>RFQ</div></div> | <div><div><b>MB96F683ABPMC-GS-107JAE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 96KB FLASH 80LQFP<br/>In stock: 19451 pcs</div><div>RFQ</div></div> |