

MB96F633ABPMC-GE1



**Part Number:** [MB96F633ABPMC-GE1](#)

**Manufacturer:** [Cypress Semiconductor](#)

**Description:** IC MCU 16BIT 96KB FLASH 80LQFP

**Data sheet:**

**RoHs Status:** Lead free / RoHS Compliant

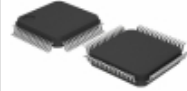
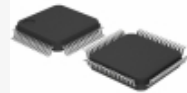
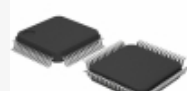
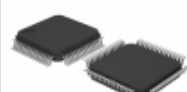
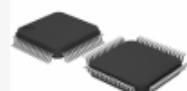
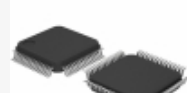
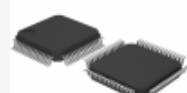
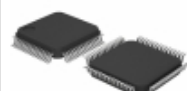
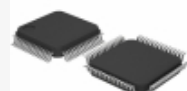
**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                |                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|--------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                               | MB96F633ABPMC-GE1                         | Manufacturer                   | <a href="#">Cypress Semiconductor</a>                                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 16BIT 96KB FLASH 80LQFP            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 25265 pcs                                 | Data sheet                     |                                                                                                  |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 2.7 V ~ 5.5 V                                                                                    |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 80-LQFP (12x12)                           | Speed                          | 32MHz                                                                                            |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | F*MC-16FX MB96630                         | RAM Size                       | 10K x 8                                                                                          |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                       | FLASH                                     | Program Memory Size            | 96KB (96K x 8)                                                                                   |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                               | DMA, LVD, POR, PWM, WDT                   | Packaging                      | Tray                                                                                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 80-LQFP                                   | Oscillator Type                | Internal                                                                                         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 125°C (TA)                        | Number of I/O                  | 64                                                                                               |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                       |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                         | Detailed Description           | F*MC-16FX F*MC-16FX MB96630 Microcontroller IC 16-Bit 32MHz 96KB (96K x 8) FLASH 80-LQFP (12x12) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A/D 21x8/10b                              | Core Size                      | 16-Bit                                                                                           |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                            | F*MC-16FX                                 | Connectivity                   | I <sup>2</sup> C, LINbus, SCI, UART/USART                                                        |
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|  | Part#: <a href="#">MB96F633ABPMC-GSE2</a><br>Description: IC MCU 16BIT 96KB FLASH 80LQFP          | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB96F625RBPMPMC-GSE2</a><br>Description: IC MCU 16BIT 160KB FLASH 64LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB96F633RBPMPMC-GSAE1</a><br>Description: IC MCU 16BIT 96KB FLASH 80LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB96F633RBPMPMC-GSE1</a><br>Description: IC MCU 16BIT 96KB FLASH 80LQFP        | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB96F625RBPMPMC1-GS102JAE2</a><br>Description: IC MCU 16BIT 160KB FLASH 64LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MB96F625RBPMPMC1-GS104JAE2</a><br>Description: IC MCU 16BIT 160KB FLASH 64LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB96F625RBPMPMC1-GS106JAE2</a><br>Description: IC MCU 16BIT 160KB FLASH 64LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB96F625RBPMPMC1-GS105JAE2</a><br>Description: IC MCU 16BIT 160KB FLASH 64LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB96F633ABPMC-GSAE1</a><br>Description: IC MCU 16BIT 96KB FLASH 80LQFP         | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB96F625RBPMPMC1-GSE1</a><br>Description: IC MCU 16BIT 160KB FLASH 64LQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB96F633RBPMPMC-GSE2</a><br>Description: IC MCU 16BIT 96KB FLASH 80LQFP        | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB96F625RBPMPMC1-GSE2</a><br>Description: IC MCU 16BIT 160KB FLASH 64LQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB96F625RBPMPMC1-GS103JAE2</a><br>Description: IC MCU 16BIT 160KB FLASH 64LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB96F625RBPMPMC1-GS-F4E1</a><br>Description: IC MCU 16BIT 160KB FLASH 64LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB96F625RBPMPMC1-GTE1</a><br>Description: IC MCU 16BIT 160KB FLASH 64LQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
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Related keywords for MB96F633ABPMC-GE1

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