



MB96F6C6RBPMC-GS-106E1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB96F6C6RBPMC-GS-106E1                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 288KB FLASH 120LQFP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

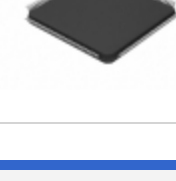
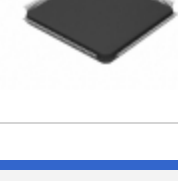
Specifications of MB96F6C6RBPMC-GS-106E1

|                                  |                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB96F6C6RBPMC-GS-106E1                                                                                                        |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                         |
| DESCRIPTION                      | IC MCU 16BIT 288KB FLASH 120LQFP                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                    |
| DATA SHEET                       |                                                                                                                               |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 120-LQFP (16x16)                                                                                                              |
| SPEED                            | 32MHz                                                                                                                         |
| SERIES                           | F <sup>2</sup> MC-16FX MB966C0                                                                                                |
| 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                   | 120-LQFP                                                                                                                      |
| OTHER NAMES                      | CY96F6C6RBPMC-GS-106UJE1                                                                                                      |
| OSCILLATOR TYPE                  | Internal                                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                            |
| NUMBER OF I/O                    | 99                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                 |
| MANUFACTURER STANDARD LEAD TIME  | 29 Weeks                                                                                                                      |
| 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 MB966C0 Microcontroller IC 16-Bit 32MHz 288KB (288K x 8) FLASH 120-LQFP (16x16) |
| DATA CONVERTERS                  | A/D 32x8/10b                                                                                                                  |
| 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 MB96F6C6RBPMC-GS-106E1 | MB96F6C6RBPMC-GS-106E1 Distributor                | MB96F6C6RBPMC-GS-106E1 Supplier                  |
| MB96F6C6RBPMC-GS-106E1 Price                 | MB96F6C6RBPMC-GS-106E1 Pictures                   | MB96F6C6RBPMC-GS-106E1 Image                     |
| MB96F6C6RBPMC-GS-106E1 PDF Datasheet         | MB96F6C6RBPMC-GS-106E1 Download Datasheet         | MB96F6C6RBPMC-GS-106E1 Datasheet                 |
| MB96F6C6RBPMC-GS-106E1 Stock                 | Buy MB96F6C6RBPMC-GS-106E1                        | Buy Cypress Semiconductor MB96F6C6RBPMC-GS-106E1 |
| Cypress Semiconductor MB96F6C6RBPMC-GS-106E1 | Cypress Semiconductor Supplier                    | Cypress Semiconductor Distributor                |
| Cypress Semiconductor MB96F6C6RBPMC-GS-106E1 | Cypress Semiconductor Corp MB96F6C6RBPMC-GS-106E1 |                                                  |

Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MB96F6C5RBPMC-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 120LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>    |  <div><b>MB96F6C6RBPMC-GS-110E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: Out stock<br/><b>RFQ</b></div>               |
|  <div><b>MB96F6C6RBPMC-GSAE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>   |  <div><b>MB96F6C6RBPMC-GS-101E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>MB96F6C5RBPMC-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 120LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>    |  <div><b>MB96F6C6RBPMC-GS-N2E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>MB96F6C6RBPMC-GS-F4E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>MB96F6C6RBPMC-GS-105E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>MB96F6C6RBPMC-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>    |  <div><b>MB96F6C6RAPMC-GE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>      |
|  <div><b>MB96F6C5RBPMC-GSAE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 120LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>   |  <div><b>MB96F6C6RBPMC-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>     |