



Cypress Semiconductor



Image may be representation. See specifications for product details.

MB96F386RSBPMC-GS-N2E1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB96F386RSBPMC-GS-N2E1                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 288KB FLASH 120LQFP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 8867 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

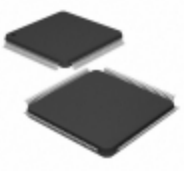
Specifications of MB96F386RSBPMC-GS-N2E1

|                                  |                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB96F386RSBPMC-GS-N2E1                                                                                                        |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                         |
| DESCRIPTION                      | IC MCU 16BIT 288KB FLASH 120LQFP                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                    |
| QUANTITY AVAILABLE               | 8867 pcs                                                                                                                      |
| DATA SHEET                       |                                                                                                                               |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 120-LQFP (16x16)                                                                                                              |
| SPEED                            | 56MHz                                                                                                                         |
| SERIES                           | F <sup>2</sup> MC-16FX MB96380                                                                                                |
| RAM SIZE                         | 16K x 8                                                                                                                       |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                         |
| PROGRAM MEMORY SIZE              | 288KB (288K x 8)                                                                                                              |
| PERIPHERALS                      | DMA, LCD, LVD, LVR, POR, PWM, WDT                                                                                             |
| PACKAGING                        | Tray                                                                                                                          |
| PACKAGE / CASE                   | 120-LQFP                                                                                                                      |
| OSCILLATOR TYPE                  | Internal                                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                            |
| NUMBER OF I/O                    | 96                                                                                                                            |
| 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 MB96380 Microcontroller IC 16-Bit 56MHz 288KB (288K x 8) FLASH 120-LQFP (16x16) |
| DATA CONVERTERS                  | A/D 16x10b                                                                                                                    |
| CORE SIZE                        | 16-Bit                                                                                                                        |
| CORE PROCESSOR                   | F <sup>2</sup> MC-16FX                                                                                                        |
| CONNECTIVITY                     | CANbus, EBI/EMI, I <sup>2</sup> C, LINbus, SCI, UART/USART                                                                    |

Related Tags

|                                              |                                                   |                                                  |
|----------------------------------------------|---------------------------------------------------|--------------------------------------------------|
| Cypress Semiconductor MB96F386RSBPMC-GS-N2E1 | MB96F386RSBPMC-GS-N2E1 Distributor                | MB96F386RSBPMC-GS-N2E1 Supplier                  |
| MB96F386RSBPMC-GS-N2E1 Price                 | MB96F386RSBPMC-GS-N2E1 Pictures                   | MB96F386RSBPMC-GS-N2E1 Image                     |
| MB96F386RSBPMC-GS-N2E1 PDF Datasheet         | MB96F386RSBPMC-GS-N2E1 Download Datasheet         | MB96F386RSBPMC-GS-N2E1 Datasheet                 |
| MB96F386RSBPMC-GS-N2E1 Stock                 | Buy MB96F386RSBPMC-GS-N2E1                        | Buy Cypress Semiconductor MB96F386RSBPMC-GS-N2E1 |
| Cypress Semiconductor MB96F386RSBPMC-GS-N2E1 | Cypress Semiconductor Supplier                    | Cypress Semiconductor Distributor                |
| Cypress Semiconductor MB96F386RSBPMC-GS-N2E1 | Cypress Semiconductor Corp MB96F386RSBPMC-GS-N2E1 |                                                  |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MB96F386RSBPMC-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: 10757 pcs<br/><b>RFQ</b></div>    |  <div><b>MB96F386RSBPMC-GS-YE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: 11418 pcs<br/><b>RFQ</b></div>   |
|  <div><b>MB96F386RSCPMC-GS-112E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: 6548 pcs<br/><b>RFQ</b></div> |  <div><b>MB96F386RSBPMC-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: 10399 pcs<br/><b>RFQ</b></div>     |
|  <div><b>MB96F385YWAPMC-GE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 120LQFP<br/>In stock: 3202 pcs<br/><b>RFQ</b></div>      |  <div><b>MB96F386RSAPMCR-GS-N2E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: 12287 pcs<br/><b>RFQ</b></div> |
|  <div><b>MB96F386RSAPMCR-GS-ERE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: 7886 pcs<br/><b>RFQ</b></div> |  <div><b>MB96F386RSAPMCR-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: 11195 pcs<br/><b>RFQ</b></div>    |
|  <div><b>MB96F386RSBPMC-GE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: 7059 pcs<br/><b>RFQ</b></div>      |  <div><b>MB96F386RSBPMC-GS-N2E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: 10158 pcs<br/><b>RFQ</b></div>  |
|  <div><b>MB96F386RSCPMC-GS-108E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: 6187 pcs<br/><b>RFQ</b></div> |  <div><b>MB96F386RSBPMC-GS-JAE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: 10499 pcs<br/><b>RFQ</b></div>  |