

Cypress Semiconductor



Part Number:MB96F386RSCPMC-GS123N2E2

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

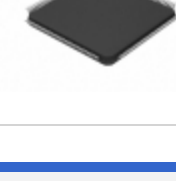
REQUEST FOR QUOTATION

| Specifications of MB96F386RSCPMC-GS123N2E2 |                                                                                                                               |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                                | MB96F386RSCPMC-GS123N2E2                                                                                                      |
| 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)                 | 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)                                                                                                                 |
| MANUFACTURER STANDARD LEAD TIME            | 28 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 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 MB96F386RSCPMC-GS123N2E2 | MB96F386RSCPMC-GS123N2E2 Distributor                | MB96F386RSCPMC-GS123N2E2 Supplier                  |
| MB96F386RSCPMC-GS123N2E2 Price                 | MB96F386RSCPMC-GS123N2E2 Pictures                   | MB96F386RSCPMC-GS123N2E2 Image                     |
| MB96F386RSCPMC-GS123N2E2 PDF Datasheet         | MB96F386RSCPMC-GS123N2E2 Download Datasheet         | MB96F386RSCPMC-GS123N2E2 Datasheet                 |
| MB96F386RSCPMC-GS123N2E2 Stock                 | Buy MB96F386RSCPMC-GS123N2E2                        | Buy Cypress Semiconductor MB96F386RSCPMC-GS123N2E2 |
| Cypress Semiconductor MB96F386RSCPMC-GS123N2E2 | Cypress Semiconductor Supplier                      | Cypress Semiconductor Distributor                  |
| Cypress Semiconductor MB96F386RSCPMC-GS123N2E2 | Cypress Semiconductor Corp MB96F386RSCPMC-GS123N2E2 |                                                    |

Related Products

|                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                             |
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| <div></div> <div><b>MB96F386RSCPMC-GS113N2E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>MB96F386RSCPMC-GS114N2E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>MB96F386RSCPMC-GS128N2E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>MB96F386RSCPMC-GS121N2E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>MB96F386RSCPMC-GS124N2E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>MB96F386RSCPMC-GS126N2E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>MB96F386RSCPMC-GS116N2E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>MB96F386RSCPMC-GS117N2E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>MB96F386RSCPMC-GS122N2E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>MB96F386RSCPMC-GS125N2E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>MB96F386RSCPMC-GS129N2E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>MB96F386RSCPMC-GS127N2E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: Out stock</div> <div>RFQ</div> |