



Cypress Semiconductor Corp



Image may be representation. See specifications for product details.

MB96F386RSCPMC-GS-145E2

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB96F386RSCPMC-GS-145E2                                                                                      |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 288KB FLASH 120LQFP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 11200 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

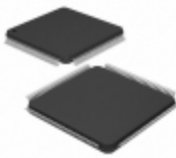
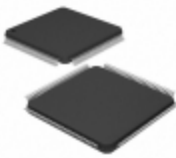
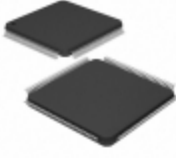
Specifications of MB96F386RSCPMC-GS-145E2

|                                  |                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB96F386RSCPMC-GS-145E2                                                                                                       |
| MANUFACTURER                     | Cypress Semiconductor Corp                                                                                                    |
| DESCRIPTION                      | IC MCU 16BIT 288KB FLASH 120LQFP                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                    |
| QUANTITY AVAILABLE               | 11200 pcs                                                                                                                     |
| DATA SHEET                       |                                                                                                                               |
| VOLTAGE - SUPPLY (VCC/VDD)       | FLASH                                                                                                                         |
| VOLTAGE - BREAKDOWN              | 120-LQFP (16x16)                                                                                                              |
| SERIES                           | F <sup>2</sup> MC-16FX MB96380                                                                                                |
| ROHS STATUS                      | Tray                                                                                                                          |
| REVERSE RECOVERY TIME (TRR)      | 56MHz                                                                                                                         |
| REQUIRES                         | DMA, LCD, LVD, LVR, POR, PWM, WDT                                                                                             |
| PROGRAM MEMORY TYPE              | 288KB (288K x 8)                                                                                                              |
| PROGRAM MEMORY SIZE              | CAN, EBI/EMI, I <sup>2</sup> C, LIN, SCI, UART/USART                                                                          |
| POLARIZATION                     | 120-LQFP                                                                                                                      |
| OSCILLATOR TYPE                  | A/D 16x10b                                                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                            |
| OPERATING SYSTEM                 | F <sup>2</sup> MC-16FX                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                 |
| MANUFACTURER PART NUMBER         | MB96F386RSCPMC-GS-145E2                                                                                                       |
| EXPANDED 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) |
| DESCRIPTION                      | IC MCU 16BIT 288KB FLASH 120LQFP                                                                                              |
| DATA SRAM BYTES                  | -                                                                                                                             |
| DATA CONVERTERS                  | 3 V ~ 5.5 V                                                                                                                   |
| CORE SIZE                        | 16K x 8                                                                                                                       |
| CONTROLLER SERIES                | Internal                                                                                                                      |
| CONNECTIVITY                     | 16-Bit                                                                                                                        |
| CLOCK RATE                       | 96                                                                                                                            |

Related Tags

|                                               |                                                    |                                                   |
|-----------------------------------------------|----------------------------------------------------|---------------------------------------------------|
| Cypress Semiconductor MB96F386RSCPMC-GS-145E2 | MB96F386RSCPMC-GS-145E2 Distributor                | MB96F386RSCPMC-GS-145E2 Supplier                  |
| MB96F386RSCPMC-GS-145E2 Price                 | MB96F386RSCPMC-GS-145E2 Pictures                   | MB96F386RSCPMC-GS-145E2 Image                     |
| MB96F386RSCPMC-GS-145E2 PDF Datasheet         | MB96F386RSCPMC-GS-145E2 Download Datasheet         | MB96F386RSCPMC-GS-145E2 Datasheet                 |
| MB96F386RSCPMC-GS-145E2 Stock                 | Buy MB96F386RSCPMC-GS-145E2                        | Buy Cypress Semiconductor MB96F386RSCPMC-GS-145E2 |
| Cypress Semiconductor MB96F386RSCPMC-GS-145E2 | Cypress Semiconductor Supplier                     | Cypress Semiconductor Distributor                 |
| Cypress Semiconductor MB96F386RSCPMC-GS-145E2 | Cypress Semiconductor Corp MB96F386RSCPMC-GS-145E2 |                                                   |

Related Products

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                 |
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| <div></div> <div><b>MB96F386RSCPMC-GS-143E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: 3340 pcs<br/><b>RFQ</b></div>  | <div></div> <div><b>MB96F386RSCPMC-GS-146E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: 16057 pcs<br/><b>RFQ</b></div>      |
| <div></div> <div><b>MB96F386RSCPMC-GS-141E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: 5287 pcs<br/><b>RFQ</b></div>  | <div></div> <div><b>MB96F386RSCPMC-GS-138E2</b><br/>Manufacturers: Cypress Semiconductor Corp<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: 13654 pcs<br/><b>RFQ</b></div> |
| <div></div> <div><b>MB96F386RSCPMC-GS-147E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: 15966 pcs<br/><b>RFQ</b></div> | <div></div> <div><b>MB96F386RSCPMC-GS-133E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: 12264 pcs<br/><b>RFQ</b></div>      |
| <div></div> <div><b>MB96F386RSCPMC-GS-139E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: 12003 pcs<br/><b>RFQ</b></div> | <div></div> <div><b>MB96F386RSCPMC-GS-149E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: 20793 pcs<br/><b>RFQ</b></div>      |
| <div></div> <div><b>MB96F386RSCPMC-GS-148E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: 17255 pcs<br/><b>RFQ</b></div> | <div></div> <div><b>MB96F386RSCPMC-GS-150E2</b><br/>Manufacturers: Cypress Semiconductor Corp<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: 12980 pcs<br/><b>RFQ</b></div> |
| <div></div> <div><b>MB96F386RSCPMC-GS-142E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: 6160 pcs<br/><b>RFQ</b></div>  | <div></div> <div><b>MB96F386RSCPMC-GS-151E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 120LQFP<br/>In stock: 16549 pcs<br/><b>RFQ</b></div>      |