



Cypress Semiconductor



MB96F653RBPMC-GSAE1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB96F653RBPMC-GSAE1                                                                                          |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 96KB FLASH 120LQFP                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 17331 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

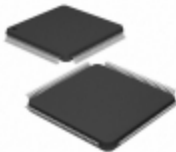
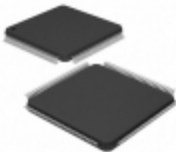
Specifications of MB96F653RBPMC-GSAE1

|                                  |                                                                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB96F653RBPMC-GSAE1                                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                       |
| DESCRIPTION                      | IC MCU 16BIT 96KB FLASH 120LQFP                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                  |
| QUANTITY AVAILABLE               | 17331 pcs                                                                                                                   |
| 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 MB96650                                                                                              |
| 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                   | 120-LQFP                                                                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                          |
| NUMBER OF I/O                    | 101                                                                                                                         |
| 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 MB96650 Microcontroller IC 16-Bit 32MHz 96KB (96K x 8) FLASH 120-LQFP (16x16) |
| DATA CONVERTERS                  | A/D 29x8/10b                                                                                                                |
| 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 MB96F653RBPMC-GSAE1 | MB96F653RBPMC-GSAE1 Distributor                | MB96F653RBPMC-GSAE1 Supplier                  |
| MB96F653RBPMC-GSAE1 Price                 | MB96F653RBPMC-GSAE1 Pictures                   | MB96F653RBPMC-GSAE1 Image                     |
| MB96F653RBPMC-GSAE1 PDF Datasheet         | MB96F653RBPMC-GSAE1 Download Datasheet         | MB96F653RBPMC-GSAE1 Datasheet                 |
| MB96F653RBPMC-GSAE1 Stock                 | Buy MB96F653RBPMC-GSAE1                        | Buy Cypress Semiconductor MB96F653RBPMC-GSAE1 |
| Cypress Semiconductor MB96F653RBPMC-GSAE1 | Cypress Semiconductor Supplier                 | Cypress Semiconductor Distributor             |
| Cypress Semiconductor MB96F653RBPMC-GSAE1 | Cypress Semiconductor Corp MB96F653RBPMC-GSAE1 |                                               |

Related Products

|                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MB96F653ABPMC-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 96KB FLASH 120LQFP<br/>In stock: 22943 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>MB96F655ABPMC-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 120LQFP<br/>In stock: 24133 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>MB96F653ABPMC-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 96KB FLASH 120LQFP<br/>In stock: 17308 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>MB96F653RBPMC-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 96KB FLASH 120LQFP<br/>In stock: 15170 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>MB96F655ABPMC-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 120LQFP<br/>In stock: 14143 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MB96F653RBPMC-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 96KB FLASH 120LQFP<br/>In stock: 23379 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>MB96F653ABPMC-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 96KB FLASH 120LQFP<br/>In stock: 15768 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>MB96F653ABPMC-GSAE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 96KB FLASH 120LQFP<br/>In stock: 14658 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MB96F653RBPMC-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 96KB FLASH 120LQFP<br/>In stock: 14023 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>MB96F655ABPMC-GSAE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 120LQFP<br/>In stock: 13779 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MB96F655ABPMC-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 120LQFP<br/>In stock: 17703 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MB96F647RBPMC-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 416KB FLASH 100LQFP<br/>In stock: 13746 pcs<br/><div>RFQ</div></div>  |