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Cypress Semiconductor



Image may be representation. See specifications for product details.

MB96F675RBPMC-GSE1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB96F675RBPMC-GSE1                                                                                           |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 160KB FLASH 64LQFP                                                                              |
| Datasheets:         |  MB96F675RBPMC-GSE1.pdf     |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5261 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

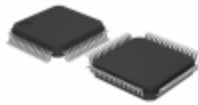
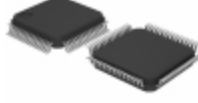
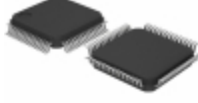
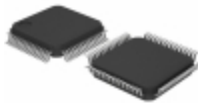
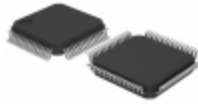
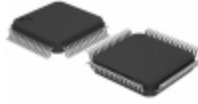
Specifications of MB96F675RBPMC-GSE1

|                                  |                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB96F675RBPMC-GSE1                                                                                                           |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                        |
| DESCRIPTION                      | IC MCU 16BIT 160KB FLASH 64LQFP                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                   |
| QUANTITY AVAILABLE               | 5261 pcs                                                                                                                     |
| DATA SHEET                       |  MB96F675RBPMC-GSE1.pdf                   |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (12x12)                                                                                                              |
| SPEED                            | 32MHz                                                                                                                        |
| SERIES                           | F <sup>2</sup> MC-16FX MB96670                                                                                               |
| RAM SIZE                         | 4K x 8                                                                                                                       |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                        |
| PROGRAM MEMORY SIZE              | 160KB (160K x 8)                                                                                                             |
| PERIPHERALS                      | DMA, LCD, LVD, POR, PWM, WDT                                                                                                 |
| PACKAGING                        | Tray                                                                                                                         |
| PACKAGE / CASE                   | 64-LQFP                                                                                                                      |
| OSCILLATOR TYPE                  | Internal                                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                           |
| NUMBER OF I/O                    | 50                                                                                                                           |
| 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 MB96670 Microcontroller IC 16-Bit 32MHz 160KB (160K x 8) FLASH 64-LQFP (12x12) |
| DATA CONVERTERS                  | A/D 12x8/10b                                                                                                                 |
| 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 MB96F675RBPMC-GSE1 | MB96F675RBPMC-GSE1 Distributor                | MB96F675RBPMC-GSE1 Supplier                  |
| MB96F675RBPMC-GSE1 Price                 | MB96F675RBPMC-GSE1 Pictures                   | MB96F675RBPMC-GSE1 Image                     |
| MB96F675RBPMC-GSE1 PDF Datasheet         | MB96F675RBPMC-GSE1 Download Datasheet         | MB96F675RBPMC-GSE1 Datasheet                 |
| MB96F675RBPMC-GSE1 Stock                 | Buy MB96F675RBPMC-GSE1                        | Buy Cypress Semiconductor MB96F675RBPMC-GSE1 |
| Cypress Semiconductor MB96F675RBPMC-GSE1 | Cypress Semiconductor Supplier                | Cypress Semiconductor Distributor            |
| Cypress Semiconductor MB96F675RBPMC-GSE1 | Cypress Semiconductor Corp MB96F675RBPMC-GSE1 |                                              |

Related Products

|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MB96F675ABPMC1-GS-JKE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 64LQFP<br/>In stock: 19450 pcs<br/>RFQ</div> |  <div><b>MB96F683ABPMC-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 96KB FLASH 80LQFP<br/>In stock: 24432 pcs<br/>RFQ</div>       |
|  <div><b>MB96F675RBPMC1-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 64LQFP<br/>In stock: 17506 pcs<br/>RFQ</div>    |  <div><b>MB96F675RBPMC-GSAE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 64LQFP<br/>In stock: 19353 pcs<br/>RFQ</div>    |
|  <div><b>MB96F675RBPMC-GS-JKE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 64LQFP<br/>In stock: 17728 pcs<br/>RFQ</div>  |  <div><b>MB96F675RBPMC1-GS-JKE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 64LQFP<br/>In stock: 18134 pcs<br/>RFQ</div> |
|  <div><b>MB96F675RBPMC-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 64LQFP<br/>In stock: 26250 pcs<br/>RFQ</div>     |  <div><b>MB96F675ABPMC1-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 64LQFP<br/>In stock: 16200 pcs<br/>RFQ</div>    |
|  <div><b>MB96F675ABPMC1-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 64LQFP<br/>In stock: 30916 pcs<br/>RFQ</div>    |  <div><b>MB96F683ABPMC-GS-104JAE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 96KB FLASH 80LQFP<br/>In stock: 3587 pcs<br/>RFQ</div> |
|  <div><b>MB96F675RBPMC-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 64LQFP<br/>In stock: 25144 pcs<br/>RFQ</div>      |  <div><b>MB96F675RBPMC1-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB FLASH 64LQFP<br/>In stock: 18863 pcs<br/>RFQ</div>    |