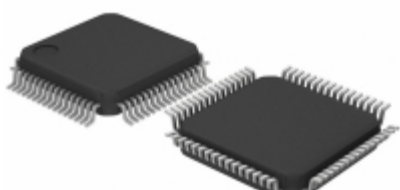


MB96F675ABPMC-GS-JKE2



Images are for reference only.  
See Product Specifications for product details.  
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Part Number: MB96F675ABPMC-GS-JKE2

Manufacturer: Cypress Semiconductor

Description: IC MCU 16BIT 160KB FLASH 64LQFP

Data sheet:

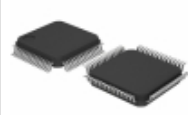
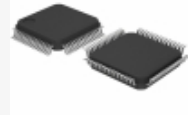
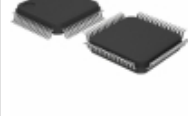
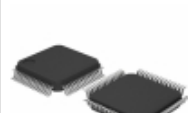
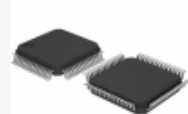
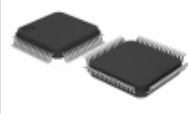
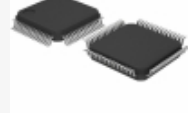
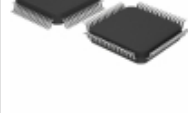
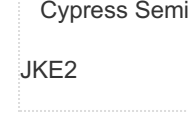
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                              |                                 |                                |                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|--------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                    | MB96F675ABPMC-GS-JKE2           | Manufacturer                   | Cypress Semiconductor                                                                                                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                    | IC MCU 16BIT 160KB FLASH 64LQFP | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                             | 16512 pcs                       | Data sheet                     |                                                                                                                              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                       | Integrated Circuits (ICs)       | 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                   | I <sup>2</sup> C, LINbus, SCI, UART/USART                                                                                    |
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|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------------|-----|
|  | Part#: MB96F675RBPMC-GE1<br>Description: IC MCU 16BIT 160KB FLASH 64LQFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB96F673RAPMC-GSE2<br>Description: IC MCU 16BIT 96KB FLASH 64LQFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB96F675RBPMC-GSAE1<br>Description: IC MCU 16BIT 160KB FLASH 64LQFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB96F673RBPMC1-GSAE1<br>Description: IC MCU 16BIT 96KB FLASH 64LQFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB96F675ABPMC-GSE2<br>Description: IC MCU 16BIT 160KB FLASH 64LQFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB96F673RBPMC-GSE2<br>Description: IC MCU 16BIT 96KB FLASH 64LQFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB96F675ABPMC-GSE1<br>Description: IC MCU 16BIT 160KB FLASH 64LQFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB96F673ABPMC1-GSE2<br>Description: IC MCU 16BIT 96KB FLASH 64LQFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB96F675ABPMC-GE1<br>Description: IC MCU 16BIT 160KB FLASH 64LQFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB96F673RBPMC-GSE1<br>Description: IC MCU 16BIT 96KB FLASH 64LQFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB96F675ABPMC1-GSE1<br>Description: IC MCU 16BIT 160KB FLASH 64LQFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB96F673RBPMC-GSAE1<br>Description: IC MCU 16BIT 96KB FLASH 64LQFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB96F675ABPMC1-GS-JKE2<br>Description: IC MCU 16BIT 160KB FLASH 64LQFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB96F673RBPMC1-GSE2<br>Description: IC MCU 16BIT 96KB FLASH 64LQFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB96F673RBPMC1-GSE1<br>Description: IC MCU 16BIT 96KB FLASH 64LQFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB96F675ABPMC1-GS-JKE1<br>Description: IC MCU 16BIT 160KB FLASH 64LQFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB96F675RBPMC-GS-JKE2<br>Description: IC MCU 16BIT 160KB FLASH 64LQFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB96F675ABPMC1-GSE2<br>Description: IC MCU 16BIT 160KB FLASH 64LQFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB96F673RBPMC-GS-N2E2<br>Description: IC MCU 16BIT 96KB FLASH 64LQFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB96F675ABPMC-GSAE1<br>Description: IC MCU 16BIT 160KB FLASH 64LQFP    | Manufacturers: Cypress Semiconductor | RFQ |

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