

CYPRESS

EMBEDDED IN TOMORROW™

Cypress Semiconductor

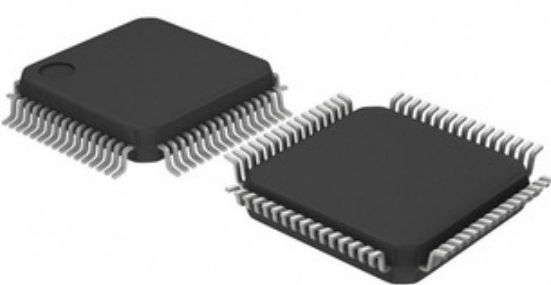


Image may be representation. See specifications for product details.

### MB96F356RWBPMC-GSE2

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB96F356RWBPMC-GSE2                                                                                          |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 288KB FLASH 64LQFP                                                                              |
| Datasheets:         |  MB96F356RWBPMC-GSE2.pdf    |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6952 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

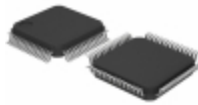
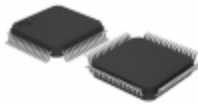
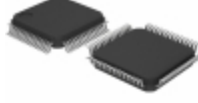
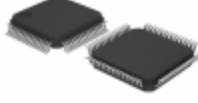
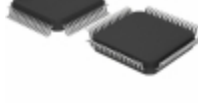
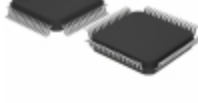
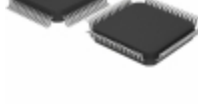
#### Specifications of MB96F356RWBPMC-GSE2

|                                  |                                                                                                             |
|----------------------------------|-------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB96F356RWBPMC-GSE2                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                       |
| DESCRIPTION                      | IC MCU 16BIT 288KB FLASH 64LQFP                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                  |
| QUANTITY AVAILABLE               | 6952 pcs                                                                                                    |
| DATA SHEET                       |  MB96F356RWBPMC-GSE2.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (12x12)                                                                                             |
| SPEED                            | 56MHz                                                                                                       |
| SERIES                           | F²MC-16FX MB96350                                                                                           |
| RAM SIZE                         | 12K x 8                                                                                                     |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                       |
| PROGRAM MEMORY SIZE              | 288KB (288K x 8)                                                                                            |
| PERIPHERALS                      | DMA, LVD, LVR, POR, PWM, WDT                                                                                |
| PACKAGING                        | Tray                                                                                                        |
| PACKAGE / CASE                   | 64-LQFP                                                                                                     |
| OSCILLATOR TYPE                  | Internal                                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                          |
| NUMBER OF I/O                    | 49                                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                  |
| EEPROM SIZE                      | -                                                                                                           |
| DETAILED DESCRIPTION             | F²MC-16FX F²MC-16FX MB96350 Microcontroller IC 16-Bit 56MHz 288KB (288K x 8) FLASH 64-LQFP (12x12)          |
| DATA CONVERTERS                  | A/D 15x10b                                                                                                  |
| CORE SIZE                        | 16-Bit                                                                                                      |
| CORE PROCESSOR                   | F²MC-16FX                                                                                                   |
| CONNECTIVITY                     | CANbus, EBI/EMI, I²C, LINbus, SCI, UART/USART                                                               |

#### Related Tags

|                                           |                                                |                                               |
|-------------------------------------------|------------------------------------------------|-----------------------------------------------|
| Cypress Semiconductor MB96F356RWBPMC-GSE2 | MB96F356RWBPMC-GSE2 Distributor                | MB96F356RWBPMC-GSE2 Supplier                  |
| MB96F356RWBPMC-GSE2 Price                 | MB96F356RWBPMC-GSE2 Pictures                   | MB96F356RWBPMC-GSE2 Image                     |
| MB96F356RWBPMC-GSE2 PDF Datasheet         | MB96F356RWBPMC-GSE2 Download Datasheet         | MB96F356RWBPMC-GSE2 Datasheet                 |
| MB96F356RWBPMC-GSE2 Stock                 | Buy MB96F356RWBPMC-GSE2                        | Buy Cypress Semiconductor MB96F356RWBPMC-GSE2 |
| Cypress Semiconductor MB96F356RWBPMC-GSE2 | Cypress Semiconductor Supplier                 | Cypress Semiconductor Distributor             |
| Cypress Semiconductor MB96F356RWBPMC-GSE2 | Cypress Semiconductor Corp MB96F356RWBPMC-GSE2 |                                               |

#### Related Products

|                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                          |
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| <div></div> <div><b>MB96F356RWBPMC1-GE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 64LQFP<br/>In stock: 6856 pcs</div> <div>RFQ</div>  | <div></div> <div><b>MB96F356RWBPMC-GE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 64LQFP<br/>In stock: 8039 pcs</div> <div>RFQ</div>      |
| <div></div> <div><b>MB96F356YSBPMC-GE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 64LQFP<br/>In stock: 3547 pcs</div> <div>RFQ</div>   | <div></div> <div><b>MB96F356YSBPMC1-GE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 64LQFP<br/>In stock: 4089 pcs</div> <div>RFQ</div>     |
| <div></div> <div><b>MB96F356RWBPMC-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 64LQFP<br/>In stock: 9408 pcs</div> <div>RFQ</div>   | <div></div> <div><b>MB96F356RSBPMC1-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 64LQFP<br/>In stock: 5438 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>MB96F356RWBPMC1-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 64LQFP<br/>In stock: 8035 pcs</div> <div>RFQ</div> | <div></div> <div><b>MB96F356YWBPMC-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 64LQFP<br/>In stock: 3569 pcs</div> <div>RFQ</div>      |
| <div></div> <div><b>MB96F356YSBPMC-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 64LQFP<br/>In stock: 4333 pcs</div> <div>RFQ</div>   | <div></div> <div><b>MB96F356RWBPMC-GS-N2E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: 6307 pcs</div> <div>RFQ</div>               |
| <div></div> <div><b>MB96F356RSBPMC1-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 64LQFP<br/>In stock: 5979 pcs</div> <div>RFQ</div> | <div></div> <div><b>MB96F356RSBPMC1-GS-N2E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 64LQFP<br/>In stock: 6332 pcs</div> <div>RFQ</div> |