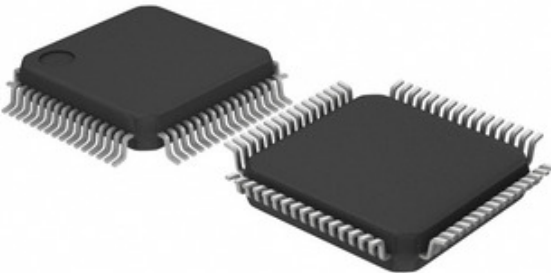




Cypress Semiconductor



MB96F356RWBPMC1-GSE2

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB96F356RWBPMC1-GSE2                                                                                         |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 288KB FLASH 64LQFP                                                                              |
| Datasheets:         |  MB96F356RWBPMC1-GSE2.pdf   |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

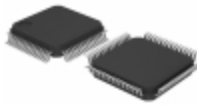
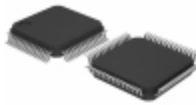
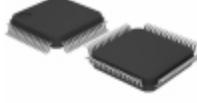
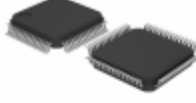
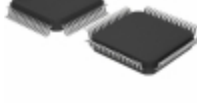
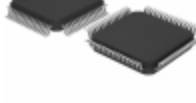
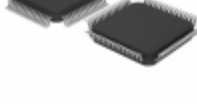
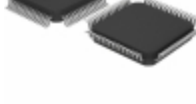
Specifications of MB96F356RWBPMC1-GSE2

|                                  |                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB96F356RWBPMC1-GSE2                                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                        |
| DESCRIPTION                      | IC MCU 16BIT 288KB FLASH 64LQFP                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                   |
| DATA SHEET                       |  MB96F356RWBPMC1-GSE2.pdf                 |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                                                              |
| SPEED                            | 56MHz                                                                                                                        |
| SERIES                           | F <sup>2</sup> MC-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)                                                                                                                |
| MANUFACTURER STANDARD LEAD TIME  | 26 Weeks                                                                                                                     |
| 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 MB96350 Microcontroller IC 16-Bit 56MHz 288KB (288K x 8) FLASH 64-LQFP (10x10) |
| DATA CONVERTERS                  | A/D 15x10b                                                                                                                   |
| CORE SIZE                        | 16-Bit                                                                                                                       |
| CORE PROCESSOR                   | F <sup>2</sup> MC-16FX                                                                                                       |
| CONNECTIVITY                     | CANbus, EBI/EMI, I <sup>2</sup> C, LINbus, SCI, UART/USART                                                                   |

Related Tags

|                                            |                                                 |                                                |
|--------------------------------------------|-------------------------------------------------|------------------------------------------------|
| Cypress Semiconductor MB96F356RWBPMC1-GSE2 | MB96F356RWBPMC1-GSE2 Distributor                | MB96F356RWBPMC1-GSE2 Supplier                  |
| MB96F356RWBPMC1-GSE2 Price                 | MB96F356RWBPMC1-GSE2 Pictures                   | MB96F356RWBPMC1-GSE2 Image                     |
| MB96F356RWBPMC1-GSE2 PDF Datasheet         | MB96F356RWBPMC1-GSE2 Download Datasheet         | MB96F356RWBPMC1-GSE2 Datasheet                 |
| MB96F356RWBPMC1-GSE2 Stock                 | Buy MB96F356RWBPMC1-GSE2                        | Buy Cypress Semiconductor MB96F356RWBPMC1-GSE2 |
| Cypress Semiconductor MB96F356RWBPMC1-GSE2 | Cypress Semiconductor Supplier                  | Cypress Semiconductor Distributor              |
| Cypress Semiconductor MB96F356RWBPMC1-GSE2 | Cypress Semiconductor Corp MB96F356RWBPMC1-GSE2 |                                                |

Related Products

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MB96F356RWBPMC1-GE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 64LQFP<br/>In stock: Out stock</div> <div>RFQ</div> |  <div><b>MB96F356RWBPMC-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 64LQFP<br/>In stock: Out stock</div> <div>RFQ</div>  |
|  <div><b>MB96F356YSBPMC-GE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 64LQFP<br/>In stock: Out stock</div> <div>RFQ</div>  |  <div><b>MB96F356RSBPMC1-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 64LQFP<br/>In stock: Out stock</div> <div>RFQ</div> |
|  <div><b>MB96F356RWBPMC-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 64LQFP<br/>In stock: Out stock</div> <div>RFQ</div>  |  <div><b>MB96F356RWBPMC-GS-N2E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: Out stock</div> <div>RFQ</div>            |
|  <div><b>MB96F356YWBPMC-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 64LQFP<br/>In stock: Out stock</div> <div>RFQ</div>  |  <div><b>MB96F356RWBPMC-GE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 64LQFP<br/>In stock: Out stock</div> <div>RFQ</div>   |
|  <div><b>MB96F356YSBPMC-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 64LQFP<br/>In stock: Out stock</div> <div>RFQ</div>  |  <div><b>MB96F356YSBPMC1-GE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 64LQFP<br/>In stock: Out stock</div> <div>RFQ</div>  |
|  <div><b>MB96F356YWBPMC-GE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 64LQFP<br/>In stock: Out stock</div> <div>RFQ</div>  |  <div><b>MB96F356YWBPMC1-GE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 64LQFP<br/>In stock: Out stock</div> <div>RFQ</div>  |