



Cypress Semiconductor



MB91F487PMC-GE1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB91F487PMC-GE1                                                                                              |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 32BIT 512KB FLASH 100LQFP                                                                             |
| Datasheets:         |  MB91F487PMC-GE1.pdf        |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6482 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MB91F487PMC-GE1

|                                  |                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB91F487PMC-GE1                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                   |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 100LQFP                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| QUANTITY AVAILABLE               | 6482 pcs                                                                                                |
| DATA SHEET                       |  MB91F487PMC-GE1.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4 V ~ 5.5 V                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                                        |
| SPEED                            | 80MHz                                                                                                   |
| SERIES                           | FR MB91480                                                                                              |
| RAM SIZE                         | 32K x 8                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                   |
| PROGRAM MEMORY SIZE              | 512KB (512K x 8)                                                                                        |
| PERIPHERALS                      | DMA, PWM, WDT                                                                                           |
| PACKAGING                        | Tray                                                                                                    |
| PACKAGE / CASE                   | 100-LQFP                                                                                                |
| OTHER NAMES                      | CY91F487PMC-GE1<br>SPMB91F487PMC-GE1                                                                    |
| OSCILLATOR TYPE                  | External                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                       |
| NUMBER OF I/O                    | 77                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| EEPROM SIZE                      | -                                                                                                       |
| DETAILED DESCRIPTION             | FR60 RISC FR MB91480 Microcontroller IC 32-Bit 80MHz 512KB (512K x 8) FLASH 100-LQFP (14x14)            |
| DATA CONVERTERS                  | A/D 14x8/10b                                                                                            |
| CORE SIZE                        | 32-Bit                                                                                                  |
| CORE PROCESSOR                   | FR60 RISC                                                                                               |
| CONNECTIVITY                     | I <sup>2</sup> C, FIFO, SIO                                                                             |

Related Tags

|                                       |                                            |                                           |
|---------------------------------------|--------------------------------------------|-------------------------------------------|
| Cypress Semiconductor MB91F487PMC-GE1 | MB91F487PMC-GE1 Distributor                | MB91F487PMC-GE1 Supplier                  |
| MB91F487PMC-GE1 Price                 | MB91F487PMC-GE1 Pictures                   | MB91F487PMC-GE1 Image                     |
| MB91F487PMC-GE1 PDF Datasheet         | MB91F487PMC-GE1 Download Datasheet         | MB91F487PMC-GE1 Datasheet                 |
| MB91F487PMC-GE1 Stock                 | Buy MB91F487PMC-GE1                        | Buy Cypress Semiconductor MB91F487PMC-GE1 |
| Cypress Semiconductor MB91F487PMC-GE1 | Cypress Semiconductor Supplier             | Cypress Semiconductor Distributor         |
| Cypress Semiconductor MB91F487PMC-GE1 | Cypress Semiconductor Corp MB91F487PMC-GE1 |                                           |

Related Products

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MB91F482PMC-G-N2E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 4427 pcs</div> <div>RFQ</div>  |  <div><b>MB91F522BHBPMC1-GS-F4E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 320KB FLASH 64LQFP<br/>In stock: 5596 pcs</div> <div>RFQ</div> |
|  <div><b>MB91F482PMC-G-N9E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 6398 pcs</div> <div>RFQ</div>  |  <div><b>MB91F492PMC-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 6787 pcs</div> <div>RFQ</div>         |
|  <div><b>MB91F522BSBPMC1-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 320KB FLASH 64LQFP<br/>In stock: 7994 pcs</div> <div>RFQ</div> |  <div><b>MB91F522BSBPMC1-GS-F4E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 320KB FLASH 64LQFP<br/>In stock: 4160 pcs</div> <div>RFQ</div> |
|  <div><b>MB91F479TPMC1-G-N9-YE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: 6295 pcs</div> <div>RFQ</div>            |  <div><b>MB91F482PMC-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 11885 pcs</div> <div>RFQ</div>       |
|  <div><b>MB91F522BSBPMC1-GTE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 320KB FLASH 64LQFP<br/>In stock: 5443 pcs</div> <div>RFQ</div> |  <div><b>MB91F522BSCPMC1-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 320KB FLASH 64LQFP<br/>In stock: 7993 pcs</div> <div>RFQ</div>    |
|  <div><b>MB91F487PMC-G-N2E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 512KB FLASH<br/>In stock: 5457 pcs</div> <div>RFQ</div>          |  <div><b>MB91F482PMC-G-N9-YE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 4823 pcs</div> <div>RFQ</div>   |