



Cypress Semiconductor



MB91F525DSCPMC-GS-ERE2

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB91F525DSCPMC-GS-ERE2                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 32BIT 832KB FLASH 80LQFP                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 9630 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MB91F525DSCPMC-GS-ERE2

|                                  |                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------|
| PART NUMBER                      | MB91F525DSCPMC-GS-ERE2                                                                  |
| MANUFACTURER                     | Cypress Semiconductor                                                                   |
| DESCRIPTION                      | IC MCU 32BIT 832KB FLASH 80LQFP                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                              |
| QUANTITY AVAILABLE               | 9630 pcs                                                                                |
| DATA SHEET                       |                                                                                         |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                           |
| SUPPLIER DEVICE PACKAGE          | 80-LQFP (12x12)                                                                         |
| SPEED                            | 80MHz                                                                                   |
| SERIES                           | FR MB91520                                                                              |
| RAM SIZE                         | 102K x 8                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                   |
| PROGRAM MEMORY SIZE              | 832KB (832K x 8)                                                                        |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                                 |
| PACKAGING                        | Tape & Reel (TR)                                                                        |
| PACKAGE / CASE                   | 80-LQFP                                                                                 |
| OTHER NAMES                      | CY91F525DSCPMC-GS-ERE2                                                                  |
| OSCILLATOR TYPE                  | External                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                      |
| NUMBER OF I/O                    | 56                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                              |
| EEPROM SIZE                      | 64K x 8                                                                                 |
| DETAILED DESCRIPTION             | FR81S FR MB91520 Microcontroller IC 32-Bit 80MHz 832KB (832K x 8) FLASH 80-LQFP (12x12) |
| DATA CONVERTERS                  | A/D 32x12b, D/A 1x8b                                                                    |
| CORE SIZE                        | 32-Bit                                                                                  |
| CORE PROCESSOR                   | FR81S                                                                                   |
| CONNECTIVITY                     | CANbus, CSIO, I²C, LINbus, SPI, UART/USART                                              |

Related Tags

|                                              |                                                   |                                                  |
|----------------------------------------------|---------------------------------------------------|--------------------------------------------------|
| Cypress Semiconductor MB91F525DSCPMC-GS-ERE2 | MB91F525DSCPMC-GS-ERE2 Distributor                | MB91F525DSCPMC-GS-ERE2 Supplier                  |
| MB91F525DSCPMC-GS-ERE2 Price                 | MB91F525DSCPMC-GS-ERE2 Pictures                   | MB91F525DSCPMC-GS-ERE2 Image                     |
| MB91F525DSCPMC-GS-ERE2 PDF Datasheet         | MB91F525DSCPMC-GS-ERE2 Download Datasheet         | MB91F525DSCPMC-GS-ERE2 Datasheet                 |
| MB91F525DSCPMC-GS-ERE2 Stock                 | Buy MB91F525DSCPMC-GS-ERE2                        | Buy Cypress Semiconductor MB91F525DSCPMC-GS-ERE2 |
| Cypress Semiconductor MB91F525DSCPMC-GS-ERE2 | Cypress Semiconductor Supplier                    | Cypress Semiconductor Distributor                |
| Cypress Semiconductor MB91F525DSCPMC-GS-ERE2 | Cypress Semiconductor Corp MB91F525DSCPMC-GS-ERE2 |                                                  |

Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                |
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|  <div><b>MB91F525DSCPMC-GTE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 832KB FLASH 80LQFP<br/>In stock: 7360 pcs</div> <div>RFQ</div>     |  <div><b>MB91F525FHCPMC-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 832KB FLASH 100LQFP<br/>In stock: 9604 pcs</div> <div>RFQ</div>     |
|  <div><b>MB91F525DSCPMC-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: 5399 pcs</div> <div>RFQ</div>                  |  <div><b>MB91F525BSDPMC1-GS-ERE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 832KB FLASH 64LQFP<br/>In stock: 16225 pcs</div> <div>RFQ</div> |
|  <div><b>MB91F525BSCPMC1-GTE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 832KB FLASH 64LQFP<br/>In stock: 5533 pcs</div> <div>RFQ</div>    |  <div><b>MB91F525BSCPMC1-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 832KB FLASH 64LQFP<br/>In stock: 11292 pcs</div> <div>RFQ</div>    |
|  <div><b>MB91F525DSDPMC-GS-ERE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 832KB FLASH 80LQFP<br/>In stock: 10299 pcs</div> <div>RFQ</div> |  <div><b>MB91F525DWDPMC-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: 5937 pcs</div> <div>RFQ</div>                   |
|  <div><b>MB91F525DSDPMC-GTE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: 7095 pcs</div> <div>RFQ</div>                  |  <div><b>MB91F525BSDPMC1-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: 4172 pcs</div> <div>RFQ</div>                  |
|  <div><b>MB91F525BSCPMC1-GTE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 832KB FLASH 64LQFP<br/>In stock: 5916 pcs</div> <div>RFQ</div>    |  <div><b>MB91F525BSDPMC1-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: 4294 pcs</div> <div>RFQ</div>                  |