



Cypress Semiconductor



MB91F524KHBPMC1-GS-F4E1

|                     |                                                                                                               |
|---------------------|---------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB91F524KHBPMC1-GS-F4E1                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                         |
| Product description | IC MCU 32BIT 576KB FLASH 144LQFP                                                                              |
| Datasheets:         |  MB91F524KHBPMC1-GS-F4E1.pdf |
| RoHs Status         |  Lead free / RoHS Compliant  |
| Stock Condition     | 4935 pcs stock                                                                                                |
| Ship From           | Hong Kong                                                                                                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                         |

REQUEST FOR QUOTATION

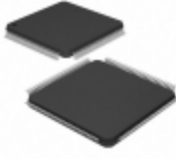
Specifications of MB91F524KHBPMC1-GS-F4E1

|                                  |                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB91F524KHBPMC1-GS-F4E1                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                           |
| DESCRIPTION                      | IC MCU 32BIT 576KB FLASH 144LQFP                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                      |
| QUANTITY AVAILABLE               | 4935 pcs                                                                                                        |
| DATA SHEET                       |  MB91F524KHBPMC1-GS-F4E1.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                                                |
| SPEED                            | 80MHz                                                                                                           |
| SERIES                           | FR MB91520                                                                                                      |
| RAM SIZE                         | 72K x 8                                                                                                         |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                           |
| PROGRAM MEMORY SIZE              | 576KB (576K x 8)                                                                                                |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                                                         |
| PACKAGING                        | Tray                                                                                                            |
| PACKAGE / CASE                   | 144-LQFP                                                                                                        |
| OTHER NAMES                      | CY91F524KHBPMC1-GS-F4E1                                                                                         |
| OSCILLATOR TYPE                  | External                                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                              |
| NUMBER OF I/O                    | 120                                                                                                             |
| 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 576KB (576K x 8) FLASH 144-LQFP (20x20)                        |
| DATA CONVERTERS                  | A/D 48x12b, D/A 2x8b                                                                                            |
| CORE SIZE                        | 32-Bit                                                                                                          |
| CORE PROCESSOR                   | FR81S                                                                                                           |
| CONNECTIVITY                     | CANbus, CSIO, EBI/EMI, I <sup>2</sup> C, LINbus, SPI, UART/USART                                                |

Related Tags

|                                               |                                                    |                                                   |
|-----------------------------------------------|----------------------------------------------------|---------------------------------------------------|
| Cypress Semiconductor MB91F524KHBPMC1-GS-F4E1 | MB91F524KHBPMC1-GS-F4E1 Distributor                | MB91F524KHBPMC1-GS-F4E1 Supplier                  |
| MB91F524KHBPMC1-GS-F4E1 Price                 | MB91F524KHBPMC1-GS-F4E1 Pictures                   | MB91F524KHBPMC1-GS-F4E1 Image                     |
| MB91F524KHBPMC1-GS-F4E1 PDF Datasheet         | MB91F524KHBPMC1-GS-F4E1 Download Datasheet         | MB91F524KHBPMC1-GS-F4E1 Datasheet                 |
| MB91F524KHBPMC1-GS-F4E1 Stock                 | Buy MB91F524KHBPMC1-GS-F4E1                        | Buy Cypress Semiconductor MB91F524KHBPMC1-GS-F4E1 |
| Cypress Semiconductor MB91F524KHBPMC1-GS-F4E1 | Cypress Semiconductor Supplier                     | Cypress Semiconductor Distributor                 |
| Cypress Semiconductor MB91F524KHBPMC1-GS-F4E1 | Cypress Semiconductor Corp MB91F524KHBPMC1-GS-F4E1 |                                                   |

Related Products

|                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MB91F524KHBPMC1-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 576KB FLASH 144LQFP<br/>In stock: 4546 pcs<br/><div>RFQ</div></div>     |  <div><b>MB91F524KHBPMC-GTK5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 576KB FLASH 144LQFP<br/>In stock: 5205 pcs<br/><div>RFQ</div></div> |
|  <div><b>MB91F524JSCPMC-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 576KB FLASH 120LQFP<br/>In stock: 6304 pcs<br/><div>RFQ</div></div>      |  <div><b>MB91F524JSEPMC-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: 5151 pcs<br/><div>RFQ</div></div>                 |
|  <div><b>MB91F524KHBPMC-GS-F4K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 576KB FLASH 144LQFP<br/>In stock: 4671 pcs<br/><div>RFQ</div></div> |  <div><b>MB91F524KSCPMC1-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 576KB FLASH 144LQFP<br/>In stock: 3942 pcs<br/><div>RFQ</div></div>  |
|  <div><b>MB91F524KWCPMC-GSK5E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 576KB FLASH 144LQFP<br/>In stock: 5327 pcs<br/><div>RFQ</div></div>    |  <div><b>MB91F524KHDPMC-GS-F4K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: 6074 pcs<br/><div>RFQ</div></div>            |
|  <div><b>MB91F524JHBPMC-GTE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 576KB FLASH 120LQFP<br/>In stock: 4739 pcs<br/><div>RFQ</div></div>      |  <div><b>MB91F524FWDPMC-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: 6790 pcs<br/><div>RFQ</div></div>                 |
|  <div><b>MB91F524KWBPMC-GSK5E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 576KB FLASH 144LQFP<br/>In stock: 9019 pcs<br/><div>RFQ</div></div>    |  <div><b>MB91F524KHDPMC1-GS-F4E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: 5840 pcs<br/><div>RFQ</div></div>             |