



Cypress Semiconductor



MB91F577BHPMC-GS-F4K5E1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB91F577BHPMC-GS-F4K5E1                                                                                      |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 32BIT 1MB FLASH 144LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| 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.

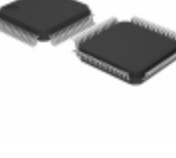
Specifications of MB91F577BHPMC-GS-F4K5E1

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB91F577BHPMC-GS-F4K5E1                                                                        |
| MANUFACTURER                     | Cypress Semiconductor                                                                          |
| DESCRIPTION                      | IC MCU 32BIT 1MB FLASH 144LQFP                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                     |
| DATA SHEET                       |                                                                                                |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                               |
| SPEED                            | 80MHz                                                                                          |
| SERIES                           | FR MB91570                                                                                     |
| RAM SIZE                         | 72K x 8                                                                                        |
| PROGRAM MEMORY TYPE              | FLASH                                                                                          |
| PROGRAM MEMORY SIZE              | 1.0625MB (1.0625M x 8)                                                                         |
| PERIPHERALS                      | DMA, LCD, LVD, POR, PWM, WDT                                                                   |
| PACKAGING                        | Tray                                                                                           |
| PACKAGE / CASE                   | 144-LQFP                                                                                       |
| OTHER NAMES                      | CY91F577BHPMC-GS-F4E1<br>MB91F577BHPMC-GS-F4E1<br>MB91F577BHPMC-GS-F4E1-ND                     |
| OSCILLATOR TYPE                  | External                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                             |
| NUMBER OF I/O                    | 111                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                  |
| MANUFACTURER STANDARD LEAD TIME  | 27 Weeks                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                     |
| EEPROM SIZE                      | 64K x 8                                                                                        |
| DETAILED DESCRIPTION             | FR81S FR MB91570 Microcontroller IC 32-Bit 80MHz 1.0625MB (1.0625M x 8) FLASH 144-LQFP (20x20) |
| DATA CONVERTERS                  | A/D 40x8/10b, 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 MB91F577BHPMC-GS-F4K5E1 | MB91F577BHPMC-GS-F4K5E1 Distributor                | MB91F577BHPMC-GS-F4K5E1 Supplier                  |
| MB91F577BHPMC-GS-F4K5E1 Price                 | MB91F577BHPMC-GS-F4K5E1 Pictures                   | MB91F577BHPMC-GS-F4K5E1 Image                     |
| MB91F577BHPMC-GS-F4K5E1 PDF Datasheet         | MB91F577BHPMC-GS-F4K5E1 Download Datasheet         | MB91F577BHPMC-GS-F4K5E1 Datasheet                 |
| MB91F577BHPMC-GS-F4K5E1 Stock                 | Buy MB91F577BHPMC-GS-F4K5E1                        | Buy Cypress Semiconductor MB91F577BHPMC-GS-F4K5E1 |
| Cypress Semiconductor MB91F577BHPMC-GS-F4K5E1 | Cypress Semiconductor Supplier                     | Cypress Semiconductor Distributor                 |
| Cypress Semiconductor MB91F577BHPMC-GS-F4K5E1 | Cypress Semiconductor Corp MB91F577BHPMC-GS-F4K5E1 |                                                   |

Related Products

|                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MB91F577BHSPMC1-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>MB91F577BHPMC-GSK5E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
| <div></div> <div><b>MB91F577BHPMC-GSK5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>MB91F575BHSPMC-GSK5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 576KB FLASH 144LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>MB91F577BHSPMC-GSK5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>MB91F579CHSPMC-GSK5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 2MB FLASH 144LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>MB91F575BHPMC-GSK5E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 576KB FLASH 144LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>MB91F575BPMC-GSK5E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 576KB FLASH 144LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>MB91F552PMC1-GTE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 192KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>     | <div></div> <div><b>MB91F573BHPMC-GSK5E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU FLASH MICOM-0.09 144LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>MB91F577BPMC-GSK5E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    | <div></div> <div><b>MB91F573BPMC-GSK5E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU FLASH MICOM-0.09 144LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |