



MB91F592BHSPMC-GSK5E2

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB91F592BHSPMC-GSK5E2                                                                                        |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 32BIT 576KB FLASH 208LQFP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MB91F592BHSPMC-GSK5E2

|                                  |                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB91F592BHSPMC-GSK5E2                                                                    |
| MANUFACTURER                     | Cypress Semiconductor                                                                    |
| DESCRIPTION                      | IC MCU 32BIT 576KB FLASH 208LQFP                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                               |
| DATA SHEET                       |                                                                                          |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                            |
| SUPPLIER DEVICE PACKAGE          | 208-LQFP (28x28)                                                                         |
| SPEED                            | 80MHz                                                                                    |
| SERIES                           | FR MB91590                                                                               |
| RAM SIZE                         | 848K x 8                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                    |
| PROGRAM MEMORY SIZE              | 576KB (576K x 8)                                                                         |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                                  |
| PACKAGING                        | Tray                                                                                     |
| PACKAGE / CASE                   | 208-LQFP                                                                                 |
| OTHER NAMES                      | CY91F592BHSPMC-GSE2<br>MB91F592BHSPMC-GSE2<br>MB91F592BHSPMC-GSE2-ND                     |
| OSCILLATOR TYPE                  | External                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                       |
| NUMBER OF I/O                    | 156                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                            |
| MANUFACTURER STANDARD LEAD TIME  | 17 Weeks                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                               |
| EEPROM SIZE                      | 64K x 8                                                                                  |
| DETAILED DESCRIPTION             | FR81S FR MB91590 Microcontroller IC 32-Bit 80MHz 576KB (576K x 8) FLASH 208-LQFP (28x28) |
| DATA CONVERTERS                  | A/D 32x8/10b                                                                             |
| CORE SIZE                        | 32-Bit                                                                                   |
| CORE PROCESSOR                   | FR81S                                                                                    |
| CONNECTIVITY                     | CANbus, CSIO, EBI/EMI, LINbus, UART/USART                                                |

Related Tags

|                                             |                                                  |                                                 |
|---------------------------------------------|--------------------------------------------------|-------------------------------------------------|
| Cypress Semiconductor MB91F592BHSPMC-GSK5E2 | MB91F592BHSPMC-GSK5E2 Distributor                | MB91F592BHSPMC-GSK5E2 Supplier                  |
| MB91F592BHSPMC-GSK5E2 Price                 | MB91F592BHSPMC-GSK5E2 Pictures                   | MB91F592BHSPMC-GSK5E2 Image                     |
| MB91F592BHSPMC-GSK5E2 PDF Datasheet         | MB91F592BHSPMC-GSK5E2 Download Datasheet         | MB91F592BHSPMC-GSK5E2 Datasheet                 |
| MB91F592BHSPMC-GSK5E2 Stock                 | Buy MB91F592BHSPMC-GSK5E2                        | Buy Cypress Semiconductor MB91F592BHSPMC-GSK5E2 |
| Cypress Semiconductor MB91F592BHSPMC-GSK5E2 | Cypress Semiconductor Supplier                   | Cypress Semiconductor Distributor               |
| Cypress Semiconductor MB91F592BHSPMC-GSK5E2 | Cypress Semiconductor Corp MB91F592BHSPMC-GSK5E2 |                                                 |

Related Products

|                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                 |
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| <div><div><b>MB91F592BHSPMC-GS-ALK5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 576KB FLASH 208LQFP<br/>In stock: Out stock<br/>RFQ</div></div> | <div><div><b>MB91F592BHPMC-GSK5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 576KB FLASH 208LQFP<br/>In stock: Out stock<br/>RFQ</div></div> |
| <div><div><b>MB91F592BHSPMC-GSK5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 576KB FLASH 208LQFP<br/>In stock: Out stock<br/>RFQ</div></div>    | <div><div><b>MB91F594BHPMC-GSK5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1MB FLASH 208LQFP<br/>In stock: Out stock<br/>RFQ</div></div>   |
| <div><div><b>MB91F592ASPMC-GSK5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 576KB FLASH 208LQFP<br/>In stock: Out stock<br/>RFQ</div></div>     | <div><div><b>MB91F592BHPMC-GSK5E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 576KB FLASH 208LQFP<br/>In stock: Out stock<br/>RFQ</div></div> |
| <div><div><b>MB91F592BPMC-GSK5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 576KB FLASH 208LQFP<br/>In stock: Out stock<br/>RFQ</div></div>      | <div><div><b>MB91F594ASPMC-GSK5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1MB FLASH 208LQFP<br/>In stock: Out stock<br/>RFQ</div></div>   |
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