



MB91F59BCEQ-GSK5E1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB91F59BCEQ-GSK5E1                                                                                           |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 32BIT 2MB FLASH 208POS                                                                                |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3248 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

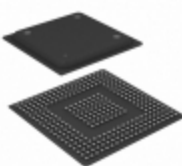
Specifications of MB91F59BCEQ-GSK5E1

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB91F59BCEQ-GSK5E1                                                                             |
| MANUFACTURER                     | Cypress Semiconductor                                                                          |
| DESCRIPTION                      | IC MCU 32BIT 2MB FLASH 208POS                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                     |
| QUANTITY AVAILABLE               | 3248 pcs                                                                                       |
| DATA SHEET                       |                                                                                                |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 208-QFP (28x28)                                                                                |
| SPEED                            | 128MHz                                                                                         |
| SERIES                           | FR MB91590                                                                                     |
| RAM SIZE                         | 2.008M x 8                                                                                     |
| PROGRAM MEMORY TYPE              | FLASH                                                                                          |
| PROGRAM MEMORY SIZE              | 2.0625MB (2.0625M x 8)                                                                         |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                                        |
| PACKAGING                        | Tray                                                                                           |
| PACKAGE / CASE                   | 208-BQFP                                                                                       |
| OTHER NAMES                      | CY91F59BCEQ-GSE1<br>MB91F59BCEQ-GSE1<br>MB91F59BCEQ-GSE1-ND                                    |
| OSCILLATOR TYPE                  | External                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                             |
| NUMBER OF I/O                    | 156                                                                                            |
| 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 MB91590 Microcontroller IC 32-Bit 128MHz 2.0625MB (2.0625M x 8) FLASH 208-QFP (28x28) |
| DATA CONVERTERS                  | A/D 32x8/10b                                                                                   |
| CORE SIZE                        | 32-Bit                                                                                         |
| CORE PROCESSOR                   | FR81S                                                                                          |
| CONNECTIVITY                     | CANbus, CSIO, EBI/EMI, LINbus, SPI, UART/USART                                                 |

Related Tags

|                                          |                                               |                                              |
|------------------------------------------|-----------------------------------------------|----------------------------------------------|
| Cypress Semiconductor MB91F59BCEQ-GSK5E1 | MB91F59BCEQ-GSK5E1 Distributor                | MB91F59BCEQ-GSK5E1 Supplier                  |
| MB91F59BCEQ-GSK5E1 Price                 | MB91F59BCEQ-GSK5E1 Pictures                   | MB91F59BCEQ-GSK5E1 Image                     |
| MB91F59BCEQ-GSK5E1 PDF Datasheet         | MB91F59BCEQ-GSK5E1 Download Datasheet         | MB91F59BCEQ-GSK5E1 Datasheet                 |
| MB91F59BCEQ-GSK5E1 Stock                 | Buy MB91F59BCEQ-GSK5E1                        | Buy Cypress Semiconductor MB91F59BCEQ-GSK5E1 |
| Cypress Semiconductor MB91F59BCEQ-GSK5E1 | Cypress Semiconductor Supplier                | Cypress Semiconductor Distributor            |
| Cypress Semiconductor MB91F59BCEQ-GSK5E1 | Cypress Semiconductor Corp MB91F59BCEQ-GSK5E1 |                                              |

Related Products

|                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                           |
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| <div></div> <div><b>MB91F639PMC-GK5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: 4501 pcs<br/><div>RFQ</div></div>                 | <div></div> <div><b>MB91F627PMC-G-N9E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 512KB FLASH 120LQFP<br/>In stock: 5814 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MB91F594BHSPMC-GSK5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1MB FLASH 208LQFP<br/>In stock: 5214 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MB91F59BCHSEQ-GSK5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: 6652 pcs<br/><div>RFQ</div></div>              |
| <div></div> <div><b>MB91F639PMC-G-K7E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: 4652 pcs<br/><div>RFQ</div></div>                | <div></div> <div><b>MB91F59BCPB-GSK5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 2MB FLASH 320BGA<br/>In stock: 2525 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>MB91F594BSPMC-GSK5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1MB FLASH 208LQFP<br/>In stock: 4459 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>MB91F594BHSPMC-GSK5E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1MB FLASH 208LQFP<br/>In stock: 7078 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MB91F639PMC-G-N2-YE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1MB FLASH<br/>In stock: 4586 pcs<br/><div>RFQ</div></div>          | <div></div> <div><b>MB91F599APMC-GSK5E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1MB FLASH 208LQFP<br/>In stock: 3921 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>MB91F594BPMC-GSK5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1MB FLASH 208LQFP<br/>In stock: 5722 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>MB91F594BSPMC-GSK5E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 1MB FLASH 208LQFP<br/>In stock: 5777 pcs<br/><div>RFQ</div></div>  |