



Cypress Semiconductor



MB91F248SPFV-GSK5E1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB91F248SPFV-GSK5E1                                                                                          |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 32BIT 256KB FLASH 144LQFP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4960 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

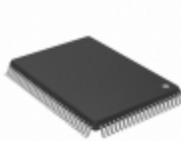
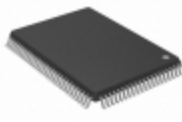
Specifications of MB91F248SPFV-GSK5E1

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB91F248SPFV-GSK5E1                                                                               |
| MANUFACTURER                     | Cypress Semiconductor                                                                             |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 144LQFP                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                        |
| QUANTITY AVAILABLE               | 4960 pcs                                                                                          |
| DATA SHEET                       |                                                                                                   |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.5 V ~ 5.5 V                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                                  |
| SPEED                            | 32MHz                                                                                             |
| SERIES                           | FR MB91245S                                                                                       |
| RAM SIZE                         | 16K x 8                                                                                           |
| PROGRAM MEMORY TYPE              | FLASH                                                                                             |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                  |
| PERIPHERALS                      | DMA, LCD, PWM, WDT                                                                                |
| PACKAGING                        | Tray                                                                                              |
| PACKAGE / CASE                   | 144-LQFP                                                                                          |
| OTHER NAMES                      | CY91F248SPFV-GSE1<br>MB91F248SPFV-GSE1<br>MB91F248SPFV-GSE1-ND                                    |
| 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                      | -                                                                                                 |
| DETAILED DESCRIPTION             | FR60Lite RISC FR MB91245S Microcontroller IC 32-Bit 32MHz 256KB (256K x 8) FLASH 144-LQFP (20x20) |
| DATA CONVERTERS                  | A/D 32x8/10b                                                                                      |
| CORE SIZE                        | 32-Bit                                                                                            |
| CORE PROCESSOR                   | FR60Lite RISC                                                                                     |
| CONNECTIVITY                     | CANbus, EBI/EMI, LINbus, UART/USART                                                               |

Related Tags

|                                           |                                                |                                               |
|-------------------------------------------|------------------------------------------------|-----------------------------------------------|
| Cypress Semiconductor MB91F248SPFV-GSK5E1 | MB91F248SPFV-GSK5E1 Distributor                | MB91F248SPFV-GSK5E1 Supplier                  |
| MB91F248SPFV-GSK5E1 Price                 | MB91F248SPFV-GSK5E1 Pictures                   | MB91F248SPFV-GSK5E1 Image                     |
| MB91F248SPFV-GSK5E1 PDF Datasheet         | MB91F248SPFV-GSK5E1 Download Datasheet         | MB91F248SPFV-GSK5E1 Datasheet                 |
| MB91F248SPFV-GSK5E1 Stock                 | Buy MB91F248SPFV-GSK5E1                        | Buy Cypress Semiconductor MB91F248SPFV-GSK5E1 |
| Cypress Semiconductor MB91F248SPFV-GSK5E1 | Cypress Semiconductor Supplier                 | Cypress Semiconductor Distributor             |
| Cypress Semiconductor MB91F248SPFV-GSK5E1 | Cypress Semiconductor Corp MB91F248SPFV-GSK5E1 |                                               |

Related Products

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| <div><div><b>MB91F248PFV-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 144LQFP<br/>In stock: 3798 pcs</div><div>RFQ</div></div>       | <div><div><b>MB91F248ZPFV-GSK5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 144LQFP<br/>In stock: 7080 pcs</div><div>RFQ</div></div>  |
| <div><div><b>MB91F224SPFV-GSK5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 768KB FLASH 144LQFP<br/>In stock: 4976 pcs</div><div>RFQ</div></div>   | <div><div><b>MB91F264BPMC-G-101E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 7026 pcs</div><div>RFQ</div></div> |
| <div><div><b>MB91F248SZPFV-GS-TLE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 144LQFP<br/>In stock: 6368 pcs</div><div>RFQ</div></div> | <div><div><b>MB91F248SZPFV-GSK5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 144LQFP<br/>In stock: 5594 pcs</div><div>RFQ</div></div> |
| <div><div><b>MB91F264BPF-G-N9E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 100QFP<br/>In stock: 6910 pcs</div><div>RFQ</div></div>     | <div><div><b>MB91F224SPFV-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 768KB FLASH 144LQFP<br/>In stock: 5483 pcs</div><div>RFQ</div></div>    |
| <div><div><b>MB91F248SPFV-GS-TLE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 144LQFP<br/>In stock: 6600 pcs</div><div>RFQ</div></div>  | <div><div><b>MB91F248PFV-GSK5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 144LQFP<br/>In stock: 6415 pcs</div><div>RFQ</div></div>   |
| <div><div><b>MB91F243PFV-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU FLASH MICOM-0.35 144LQFP<br/>In stock: 6313 pcs</div><div>RFQ</div></div>       | <div><div><b>MB91F264BPF-G-N9K4E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 100QFP<br/>In stock: 7007 pcs</div><div>RFQ</div></div>  |