

Cypress Semiconductor



### MB91248SZPFV-GS-189E1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB91248SZPFV-GS-189E1                                                                                        |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 32BIT 256KB MROM 144LQFP                                                                              |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5159 pcs stock                                                                                               |
| 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 MB91248SZPFV-GS-189E1

|                                  |                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB91248SZPFV-GS-189E1                                                                                |
| MANUFACTURER                     | Cypress Semiconductor                                                                                |
| DESCRIPTION                      | IC MCU 32BIT 256KB MROM 144LQFP                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                           |
| QUANTITY AVAILABLE               | 5159 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              | Mask ROM                                                                                             |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                     |
| PERIPHERALS                      | DMA, LCD, PWM, WDT                                                                                   |
| PACKAGING                        | Tray                                                                                                 |
| PACKAGE / CASE                   | 144-LQFP                                                                                             |
| 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) Mask ROM 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 MB91248SZPFV-GS-189E1 | MB91248SZPFV-GS-189E1 Distributor                | MB91248SZPFV-GS-189E1 Supplier                  |
| MB91248SZPFV-GS-189E1 Price                 | MB91248SZPFV-GS-189E1 Pictures                   | MB91248SZPFV-GS-189E1 Image                     |
| MB91248SZPFV-GS-189E1 PDF Datasheet         | MB91248SZPFV-GS-189E1 Download Datasheet         | MB91248SZPFV-GS-189E1 Datasheet                 |
| MB91248SZPFV-GS-189E1 Stock                 | Buy MB91248SZPFV-GS-189E1                        | Buy Cypress Semiconductor MB91248SZPFV-GS-189E1 |
| Cypress Semiconductor MB91248SZPFV-GS-189E1 | Cypress Semiconductor Supplier                   | Cypress Semiconductor Distributor               |
| Cypress Semiconductor MB91248SZPFV-GS-189E1 | Cypress Semiconductor Corp MB91248SZPFV-GS-189E1 |                                                 |

#### Related Products

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| <div></div> <div><b>MB91248SZPFV-GS-191K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB MROM 144LQFP<br/>In stock: 5545 pcs</div> <div>RFQ</div> | <div></div> <div><b>MB91248SZPFV-GS-178K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB MROM 144LQFP<br/>In stock: 3791 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MB91248SZPFV-GS-190K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB MROM 144LQFP<br/>In stock: 5969 pcs</div> <div>RFQ</div> | <div></div> <div><b>MB91248SZPFV-GS-178E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB MROM 144LQFP<br/>In stock: 4569 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>MB91248SZPFV-GS-186K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB MROM 144LQFP<br/>In stock: 4435 pcs</div> <div>RFQ</div> | <div></div> <div><b>MB91248SZPFV-GS-192K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB MROM 144LQFP<br/>In stock: 9184 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MB91248SZPFV-GS-186E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB MROM 144LQFP<br/>In stock: 6370 pcs</div> <div>RFQ</div>   | <div></div> <div><b>MB91248SZPFV-GS-177E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB MROM 144LQFP<br/>In stock: 5757 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>MB91248SZPFV-GS-503E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB MROM 144LQFP<br/>In stock: 5427 pcs</div> <div>RFQ</div>   | <div></div> <div><b>MB91248SZPFV-GS-177K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB MROM 144LQFP<br/>In stock: 6796 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MB91248SZPFV-GS-189K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB MROM 144LQFP<br/>In stock: 4080 pcs</div> <div>RFQ</div> | <div></div> <div><b>MB91248SZPFV-GS-502E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB MROM 144LQFP<br/>In stock: 2809 pcs</div> <div>RFQ</div>   |