



Cypress Semiconductor



### MB91248ZPFV-GS-179E1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB91248ZPFV-GS-179E1                                                                                         |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 32BIT 256KB MROM 144LQFP                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4787 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 MB91248ZPFV-GS-179E1

|                                  |                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB91248ZPFV-GS-179E1                                                                                |
| MANUFACTURER                     | Cypress Semiconductor                                                                               |
| DESCRIPTION                      | IC MCU 32BIT 256KB MROM 144LQFP                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                          |
| QUANTITY AVAILABLE               | 4787 pcs                                                                                            |
| DATA SHEET                       |                                                                                                     |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.5 V ~ 5.5 V                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                                    |
| SPEED                            | 32MHz                                                                                               |
| SERIES                           | FR MB91245                                                                                          |
| 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 MB91245 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 MB91248ZPFV-GS-179E1 | MB91248ZPFV-GS-179E1 Distributor                | MB91248ZPFV-GS-179E1 Supplier                  |
| MB91248ZPFV-GS-179E1 Price                 | MB91248ZPFV-GS-179E1 Pictures                   | MB91248ZPFV-GS-179E1 Image                     |
| MB91248ZPFV-GS-179E1 PDF Datasheet         | MB91248ZPFV-GS-179E1 Download Datasheet         | MB91248ZPFV-GS-179E1 Datasheet                 |
| MB91248ZPFV-GS-179E1 Stock                 | Buy MB91248ZPFV-GS-179E1                        | Buy Cypress Semiconductor MB91248ZPFV-GS-179E1 |
| Cypress Semiconductor MB91248ZPFV-GS-179E1 | Cypress Semiconductor Supplier                  | Cypress Semiconductor Distributor              |
| Cypress Semiconductor MB91248ZPFV-GS-179E1 | Cypress Semiconductor Corp MB91248ZPFV-GS-179E1 |                                                |

#### Related Products

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| <div><div><b>MB91248ZPFV-GS-182K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB MROM 144LQFP<br/>In stock: 4587 pcs</div><div>RFQ</div></div> | <div><div><b>MB91248ZPFV-GS-174E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB MROM 144LQFP<br/>In stock: 4391 pcs</div><div>RFQ</div></div>   |
| <div><div><b>MB91248ZPFV-GS-172E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB MROM 144LQFP<br/>In stock: 3902 pcs</div><div>RFQ</div></div>   | <div><div><b>MB91248ZPFV-GS-173E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB MROM 144LQFP<br/>In stock: 6150 pcs</div><div>RFQ</div></div>   |
| <div><div><b>MB91248ZPFV-GS-172K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB MROM 144LQFP<br/>In stock: 6589 pcs</div><div>RFQ</div></div> | <div><div><b>MB91248ZPFV-GS-174K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB MROM 144LQFP<br/>In stock: 2715 pcs</div><div>RFQ</div></div> |
| <div><div><b>MB91248ZPFV-GS-180E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB MROM 144LQFP<br/>In stock: 7041 pcs</div><div>RFQ</div></div>   | <div><div><b>MB91248ZPFV-GS-182E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB MROM 144LQFP<br/>In stock: 5975 pcs</div><div>RFQ</div></div>   |
| <div><div><b>MB91248ZPFV-GS-180K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB MROM 144LQFP<br/>In stock: 6103 pcs</div><div>RFQ</div></div> | <div><div><b>MB91248ZPFV-GS-181K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB MROM 144LQFP<br/>In stock: 6435 pcs</div><div>RFQ</div></div> |
| <div><div><b>MB91248ZPFV-GS-179K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB MROM 144LQFP<br/>In stock: 4190 pcs</div><div>RFQ</div></div> | <div><div><b>MB91248ZPFV-GS-173K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB MROM 144LQFP<br/>In stock: 5187 pcs</div><div>RFQ</div></div> |