

Cypress Semiconductor



Image may be representation. See specifications for product details.

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90F549PFR-GSE1                                                                                             |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 256KB FLASH 100QFP                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3194 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

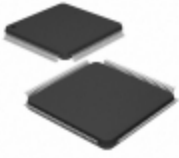
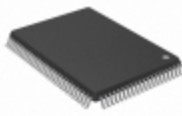
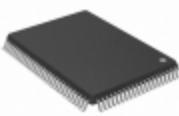
Specifications of MB90F549PFR-GSE1

|                                  |                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90F549PFR-GSE1                                                                                                              |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                         |
| DESCRIPTION                      | IC MCU 16BIT 256KB FLASH 100QFP                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                    |
| QUANTITY AVAILABLE               | 3194 pcs                                                                                                                      |
| DATA SHEET                       |                                                                                                                               |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 V ~ 5.5 V                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 100-PQFP (20x14)                                                                                                              |
| SPEED                            | 16MHz                                                                                                                         |
| SERIES                           | F <sup>2</sup> MC-16LX MB90545                                                                                                |
| RAM SIZE                         | 6K x 8                                                                                                                        |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                         |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                                              |
| PERIPHERALS                      | POR, WDT                                                                                                                      |
| PACKAGING                        | Tray                                                                                                                          |
| PACKAGE / CASE                   | 100-BQFP                                                                                                                      |
| OSCILLATOR TYPE                  | External                                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                             |
| NUMBER OF I/O                    | 81                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                    |
| EEPROM SIZE                      | -                                                                                                                             |
| DETAILED DESCRIPTION             | F <sup>2</sup> MC-16LX F <sup>2</sup> MC-16LX MB90545 Microcontroller IC 16-Bit 16MHz 256KB (256K x 8) FLASH 100-PQFP (20x14) |
| DATA CONVERTERS                  | A/D 8x8/10b                                                                                                                   |
| CORE SIZE                        | 16-Bit                                                                                                                        |
| CORE PROCESSOR                   | F <sup>2</sup> MC-16LX                                                                                                        |
| CONNECTIVITY                     | CANbus, EBI/EMI, SCI, Serial I/O, UART/USART                                                                                  |

Related Tags

|                                        |                                             |                                            |
|----------------------------------------|---------------------------------------------|--------------------------------------------|
| Cypress Semiconductor MB90F549PFR-GSE1 | MB90F549PFR-GSE1 Distributor                | MB90F549PFR-GSE1 Supplier                  |
| MB90F549PFR-GSE1 Price                 | MB90F549PFR-GSE1 Pictures                   | MB90F549PFR-GSE1 Image                     |
| MB90F549PFR-GSE1 PDF Datasheet         | MB90F549PFR-GSE1 Download Datasheet         | MB90F549PFR-GSE1 Datasheet                 |
| MB90F549PFR-GSE1 Stock                 | Buy MB90F549PFR-GSE1                        | Buy Cypress Semiconductor MB90F549PFR-GSE1 |
| Cypress Semiconductor MB90F549PFR-GSE1 | Cypress Semiconductor Supplier              | Cypress Semiconductor Distributor          |
| Cypress Semiconductor MB90F549PFR-GSE1 | Cypress Semiconductor Corp MB90F549PFR-GSE1 |                                            |

Related Products

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| <div></div> <div><b>MB90F562PMCR-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH<br/>In stock: 4649 pcs</div> <div>RFQ</div>         | <div></div> <div><b>MB90F549GSPFV-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100LQFP<br/>In stock: 5073 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>MB90F549GSPMC-G</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100LQFP<br/>In stock: 3720 pcs</div> <div>RFQ</div> | <div></div> <div><b>MB90F574APFV-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 120QFP<br/>In stock: 3976 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>MB90F549PFR-G</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100QFP<br/>In stock: 4564 pcs</div> <div>RFQ</div>    | <div></div> <div><b>MB90F549GSPMC-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100LQFP<br/>In stock: 4821 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>MB90F553APF-G-CE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: 3643 pcs</div> <div>RFQ</div>             | <div></div> <div><b>MB90F549PF-G</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100QFP<br/>In stock: 4400 pcs</div> <div>RFQ</div>        |
| <div></div> <div><b>MB90F562BPFM-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br/>In stock: 4025 pcs</div> <div>RFQ</div>  | <div></div> <div><b>MB90F549GSPFV-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100LQFP<br/>In stock: 4917 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MB90F568PMCR-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB FLASH<br/>In stock: 6288 pcs</div> <div>RFQ</div>        | <div></div> <div><b>MB90F562BPMC-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH<br/>In stock: 4947 pcs</div> <div>RFQ</div>            |