



Cypress Semiconductor



MB90549GSPFV-G-117-BNDE1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90549GSPFV-G-117-BNDE1                                                                                     |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 256KB MROM 100LQFP                                                                              |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3823 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.

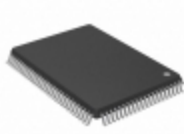
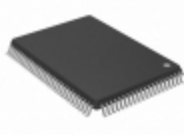
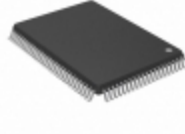
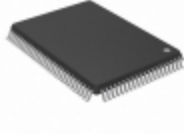
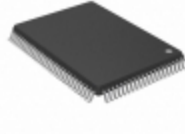
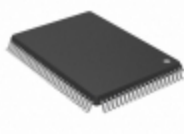
Specifications of MB90549GSPFV-G-117-BNDE1

|                                  |                                                                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90549GSPFV-G-117-BNDE1                                                                                                          |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                             |
| DESCRIPTION                      | IC MCU 16BIT 256KB MROM 100LQFP                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                        |
| QUANTITY AVAILABLE               | 3823 pcs                                                                                                                          |
| DATA SHEET                       |                                                                                                                                   |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 V ~ 5.5 V                                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                                                                  |
| SPEED                            | 16MHz                                                                                                                             |
| SERIES                           | F <sup>2</sup> MC-16LX MB90545G                                                                                                   |
| RAM SIZE                         | 6K x 8                                                                                                                            |
| PROGRAM MEMORY TYPE              | Mask ROM                                                                                                                          |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                                                  |
| PERIPHERALS                      | POR, WDT                                                                                                                          |
| PACKAGING                        | Tray                                                                                                                              |
| PACKAGE / CASE                   | 100-LQFP                                                                                                                          |
| OSCILLATOR TYPE                  | External                                                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 105°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 MB90545G Microcontroller IC 16-Bit 16MHz 256KB (256K x 8) Mask ROM 100-LQFP (14x14) |
| 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 MB90549GSPFV-G-117-BNDE1 | MB90549GSPFV-G-117-BNDE1 Distributor                | MB90549GSPFV-G-117-BNDE1 Supplier                  |
| MB90549GSPFV-G-117-BNDE1 Price                 | MB90549GSPFV-G-117-BNDE1 Pictures                   | MB90549GSPFV-G-117-BNDE1 Image                     |
| MB90549GSPFV-G-117-BNDE1 PDF Datasheet         | MB90549GSPFV-G-117-BNDE1 Download Datasheet         | MB90549GSPFV-G-117-BNDE1 Datasheet                 |
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| Cypress Semiconductor MB90549GSPFV-G-117-BNDE1 | Cypress Semiconductor Supplier                      | Cypress Semiconductor Distributor                  |
| Cypress Semiconductor MB90549GSPFV-G-117-BNDE1 | Cypress Semiconductor Corp MB90549GSPFV-G-117-BNDE1 |                                                    |

Related Products

|                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                       |
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| <div><div><b>MB90552BPMC-G-312-JNE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: 3649 pcs</div><div>RFQ</div></div>              | <div><div><b>MB90552BPF-G-345-JNE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 100QFP<br/>In stock: 6223 pcs</div><div>RFQ</div></div>    |
| <div><div><b>MB90549GSPMC-G-108-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100LQFP<br/>In stock: 6843 pcs</div><div>RFQ</div></div> | <div><div><b>MB90549GSPFR-G-317E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100QFP<br/>In stock: 6908 pcs</div><div>RFQ</div></div>    |
| <div><div><b>MB90549GSPFR-G-181-ER</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100QFP<br/>In stock: 9029 pcs</div><div>RFQ</div></div>   | <div><div><b>MB90549GSPF-G-116-BNDE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100QFP<br/>In stock: 4100 pcs</div><div>RFQ</div></div> |
| <div><div><b>MB90552BPMC-G-215-JNE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: 6343 pcs</div><div>RFQ</div></div>              | <div><div><b>MB90552BPF-G-321-JNE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: 6832 pcs</div><div>RFQ</div></div>               |
| <div><div><b>MB90549GSPFR-G-318E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100QFP<br/>In stock: 4868 pcs</div><div>RFQ</div></div>    | <div><div><b>MB90549GPMC-GS-571E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100LQFP<br/>In stock: 6079 pcs</div><div>RFQ</div></div>   |
| <div><div><b>MB90552BPMC-G-362-JNE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: 6200 pcs</div><div>RFQ</div></div>              | <div><div><b>MB90549GSPFR-G-181</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100QFP<br/>In stock: 6599 pcs</div><div>RFQ</div></div>      |