



Cypress Semiconductor

MB90549GPF-GS-333E1

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| Part Number: | MB90549GPF-GS-333E1 |
| Manufacturer/Brand: | Cypress Semiconductor |
| Product description: | IC MCU 16BIT 256KB MROM 100QFP |
| Datasheets: | |
| RoHS Status: | Lead free / RoHS Compliant |
| Stock Condition: | 4641 pcs stock |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS/EMS |

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Image may be representation. See specifications for product details.

Specifications of MB90549GPF-GS-333E1

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|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER | MB90549GPF-GS-333E1 |
| MANUFACTURER | Cypress Semiconductor |
| DESCRIPTION | IC MCU 16BIT 256KB MROM 100QFP |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| QUANTITY AVAILABLE | 4641 pcs |
| DATA SHEET | |
| VOLTAGE - SUPPLY (VCC/VDD) | 4.5 V ~ 5.5 V |
| SUPPLIER DEVICE PACKAGE | 100-PQFP (20x14) |
| SPEED | 16MHz |
| SERIES | F ² 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-BQFP |
| 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 ² MC-16LX F ² MC-16LX MB90545G Microcontroller IC 16-Bit 16MHz 256KB (256K x 8) Mask ROM 100-PQFP (20x14) |
| DATA CONVERTERS | A/D 8x8/10b |
| CORE SIZE | 16-Bit |
| CORE PROCESSOR | F ² MC-16LX |
| CONNECTIVITY | CANbus, EBI/EMI, SCI, Serial I/O, UART/USART |

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Related Products

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| <p>MB90549GPFV-G-145-BNDE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 256KB MROM 100LQFP In stock: 5194 pcs RFQ</p> | <p>MB90549GPF-GS-328E1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 256KB MROM 100QFP In stock: 4368 pcs RFQ</p> |
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| <p>MB90549GPF-GS-274-BNDE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 256KB MROM 100QFP In stock: 4285 pcs RFQ</p> | <p>MB90549GPF-G-448 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 256KB MROM 100QFP In stock: 6175 pcs RFQ</p> |
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| <p>MB90549GPF-GS-289-BNDE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 256KB MROM 100QFP In stock: 3692 pcs RFQ</p> | <p>MB90549GPF-GS-452E1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 256KB MROM 100QFP In stock: 6363 pcs RFQ</p> |

