



Cypress Semiconductor

MB90591GHPFR-G-173

| | |
|----------------------|--------------------------------|
| Part Number: | MB90591GHPFR-G-173 |
| Manufacturer/Brand: | Cypress Semiconductor |
| Product description: | IC MCU 16BIT 384KB MROM 100QFP |
| Datasheets: | |
| RoHS Status: | Lead free / RoHS Compliant |
| Stock Condition: | 6527 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 MB90591GHPFR-G-173

| | |
|----------------------------------|---|
| PART NUMBER | MB90591GHPFR-G-173 |
| MANUFACTURER | Cypress Semiconductor |
| DESCRIPTION | IC MCU 16BIT 384KB MROM 100QFP |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| QUANTITY AVAILABLE | 6527 pcs |
| DATA SHEET | |
| VOLTAGE - SUPPLY (VCC/VDD) | 3 V ~ 5.25 V |
| SUPPLIER DEVICE PACKAGE | 100-PQFP (20x14) |
| SPEED | 16MHz |
| SERIES | F ² MC-16LX MB90590G |
| RAM SIZE | 8K x 8 |
| PROGRAM MEMORY TYPE | Mask ROM |
| PROGRAM MEMORY SIZE | 384KB (384K x 8) |
| PERIPHERALS | POR, PWM, WDT |
| PACKAGING | Tray |
| PACKAGE / CASE | 100-BQFP |
| OSCILLATOR TYPE | External |
| OPERATING TEMPERATURE | -40°C ~ 85°C (TA) |
| NUMBER OF I/O | 78 |
| 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 MB90590G Microcontroller IC 16-Bit 16MHz 384KB (384K 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 |

Related Tags

| | | |
|--|---|--|
| Cypress Semiconductor MB90591GHPFR-G-173 | MB90591GHPFR-G-173 Distributor | MB90591GHPFR-G-173 Supplier |
| MB90591GHPFR-G-173 Price | MB90591GHPFR-G-173 Pictures | MB90591GHPFR-G-173 Image |
| MB90591GHPFR-G-173 PDF Datasheet | MB90591GHPFR-G-173 Download Datasheet | MB90591GHPFR-G-173 Datasheet |
| MB90591GHPFR-G-173 Stock | Buy MB90591GHPFR-G-173 | Buy Cypress Semiconductor MB90591GHPFR-G-173 |
| Cypress Semiconductor MB90591GHPFR-G-173 | Cypress Semiconductor Supplier | Cypress Semiconductor Distributor |
| Cypress Semiconductor MB90591GHPFR-G-173 | Cypress Semiconductor Corp MB90591GHPFR-G-173 | |

Related Products

| | |
|--|--|
| <p>MB90591GHPFR-G-160 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 384KB MROM 100QFP In stock: 6748 pcs RFQ</p> | <p>MB90591GHZPQC-GS-194ERE2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 384KB MROM 100QFP In stock: 6882 pcs RFQ</p> |
| <p>MB90591GHPFR-G-149-BND Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 384KB MROM 100QFP In stock: 6390 pcs RFQ</p> | <p>MB90591GHZPFR-GS-187-ER Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 384KB MROM 100QFP In stock: 8918 pcs RFQ</p> |
| <p>MB90591GHZPQC-GS-167ERE2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 384KB MROM 100QFP In stock: 3617 pcs RFQ</p> | <p>MB90591GPFR-G-137-BND Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 384KB MROM 100QFP In stock: 5811 pcs RFQ</p> |
| <p>MB90591GHPF-G-168 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 384KB MROM 100QFP In stock: 5806 pcs RFQ</p> | <p>MB90591GHPF-G-196-JNERE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 384KB MROM 100QFP In stock: 6956 pcs RFQ</p> |
| <p>MB90591GHZPFR-GS-189-ER Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 384KB MROM 100QFP In stock: 7728 pcs RFQ</p> | <p>MB90591GHZPFR-GS-184-ER Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 384KB MROM 100QFP In stock: 8623 pcs RFQ</p> |
| <p>MB90591GHPF-G-191-JNERE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 384KB MROM 100QFP In stock: 5621 pcs RFQ</p> | <p>MB90587CPMC-G-146-BNDE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 64KB MROM 100LQFP In stock: 3139 pcs RFQ</p> |

