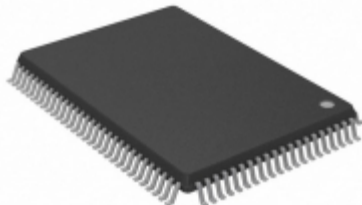


MB90591GHZPQC-GS-167ERE2





Part Number:

MB90591GHZPQC-GS-167ERE2

Manufacturer:

Cypress Semiconductor

Description:

IC MCU 16BIT 384KB MROM 100QFP

Data sheet:

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

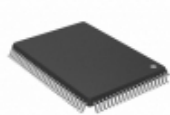
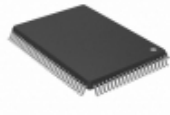
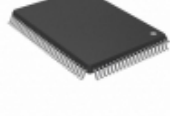
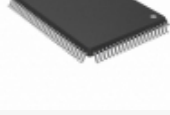
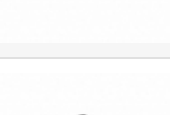
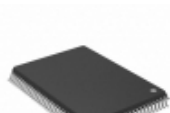
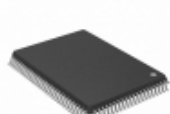
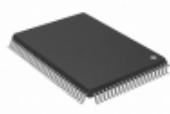
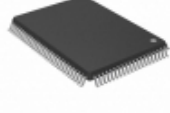
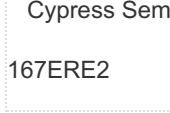
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy MB90591GHZPQC-GS-167ERE2 with confidence  
from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                |                                |                                |                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                      | MB90591GHZPQC-GS-167ERE2       | Manufacturer                   | Cypress Semiconductor                                                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                      | IC MCU 16BIT 384KB MROM 100QFP | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                               | 5982 pcs                       | Data sheet                     |                                                                                                         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                         | Integrated Circuits (ICs)      | Voltage - Supply (Vcc/Vdd)     | 3 V ~ 5.25 V                                                                                            |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                          | 100-PQFP (20x14)               | Speed                          | 16MHz                                                                                                   |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                           | F*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                      | Tape & Reel (TR)                                                                                        |
| 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*MC-16LX F*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*MC-16LX                      | Connectivity                   | CANbus, EBI/EMI, SCI, Serial I/O, UART/USART                                                            |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Cypress Semiconductor series electronic components. We have 5982 pieces of Cypress Semiconductor MB90591GHZPQC-GS-167ERE2 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                |                                |                                                                                                         |

| RELATED PRODUCTS                                                                   |                                                                                |                                      |     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------------------------------------|-----|
|  | Part#: MB90591GHPFR-G-149-BND<br>Description: IC MCU 16BIT 384KB MROM 100QFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90591GPFR-G-172<br>Description: IC MCU 16BIT 384KB MROM 100QFP        | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90591GPFR-G-183-JNE1<br>Description: IC MCU 16BIT 384KB MROM 100QFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90591GHZPQC-GS-194ERE2<br>Description: IC MCU 16BIT 384KB MROM 100QFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90594GHPF-GS-179E1<br>Description: IC MCU 16BIT 256KB MROM 100QFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90591GHPFR-G-160<br>Description: IC MCU 16BIT 384KB MROM 100QFP       | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90594GHPF-GS-186E1<br>Description: IC MCU 16BIT 256KB MROM 100QFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90591GPFR-G-137-BND<br>Description: IC MCU 16BIT 384KB MROM 100QFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90591GPFR-G-164<br>Description: IC MCU 16BIT 384KB MROM 100QFP        | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90591GHZPFR-GS-184-ER<br>Description: IC MCU 16BIT 384KB MROM 100QFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90591GHPF-G-196-JNERE1<br>Description: IC MCU 16BIT 384KB MROM 100QFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90594GHPF-GS-169E1<br>Description: IC MCU 16BIT 256KB MROM 100QFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90591GHPFR-G-173<br>Description: IC MCU 16BIT 384KB MROM 100QFP       | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90591GHZPFR-GS-187-ER<br>Description: IC MCU 16BIT 384KB MROM 100QFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90591GPFR-G-183<br>Description: IC MCU 16BIT 384KB MROM 100QFP        | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90591GHPF-G-191-JNERE1<br>Description: IC MCU 16BIT 384KB MROM 100QFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90587CPMC-G-146-BNDE1<br>Description: IC MCU 16BIT 64KB MROM 100LQFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90591GHZPFR-GS-189-ER<br>Description: IC MCU 16BIT 384KB MROM 100QFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90591GHPF-G-168<br>Description: IC MCU 16BIT 384KB MROM 100QFP        | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90594GHPF-GS-171E1<br>Description: IC MCU 16BIT 256KB MROM 100QFP     | Manufacturers: Cypress Semiconductor | RFQ |

|                                                     |                                             |                                    |                                                |
|-----------------------------------------------------|---------------------------------------------|------------------------------------|------------------------------------------------|
| Related keywords for MB90591GHZPQC-GS-167ERE2       |                                             |                                    |                                                |
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