



Cypress Semiconductor



Image may be representation. See specifications for product details.

MB90591GHPF-G-168

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90591GHPF-G-168                                                                                            |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 384KB MROM 100QFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5806 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

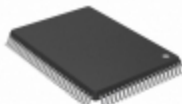
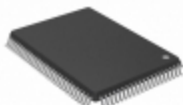
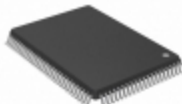
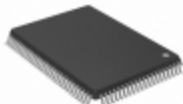
Specifications of MB90591GHPF-G-168

|                                  |                                                                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90591GHPF-G-168                                                                                                                 |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                             |
| DESCRIPTION                      | IC MCU 16BIT 384KB MROM 100QFP                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                        |
| QUANTITY AVAILABLE               | 5806 pcs                                                                                                                          |
| DATA SHEET                       |                                                                                                                                   |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.25 V                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 100-PQFP (20x14)                                                                                                                  |
| SPEED                            | 16MHz                                                                                                                             |
| SERIES                           | F <sup>2</sup> 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 <sup>2</sup> MC-16LX F <sup>2</sup> 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 <sup>2</sup> MC-16LX                                                                                                            |
| CONNECTIVITY                     | CANbus, EBI/EMI, SCI, Serial I/O, UART/USART                                                                                      |

Related Tags

|                                         |                                              |                                             |
|-----------------------------------------|----------------------------------------------|---------------------------------------------|
| Cypress Semiconductor MB90591GHPF-G-168 | MB90591GHPF-G-168 Distributor                | MB90591GHPF-G-168 Supplier                  |
| MB90591GHPF-G-168 Price                 | MB90591GHPF-G-168 Pictures                   | MB90591GHPF-G-168 Image                     |
| MB90591GHPF-G-168 PDF Datasheet         | MB90591GHPF-G-168 Download Datasheet         | MB90591GHPF-G-168 Datasheet                 |
| MB90591GHPF-G-168 Stock                 | Buy MB90591GHPF-G-168                        | Buy Cypress Semiconductor MB90591GHPF-G-168 |
| Cypress Semiconductor MB90591GHPF-G-168 | Cypress Semiconductor Supplier               | Cypress Semiconductor Distributor           |
| Cypress Semiconductor MB90591GHPF-G-168 | Cypress Semiconductor Corp MB90591GHPF-G-168 |                                             |

Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MB90591GHPF-G-196-JNERE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 384KB MROM 100QFP<br/>In stock: 8623 pcs<br/><b>RFQ</b></div> |  <div><b>MB90587CPMC-G-111-BNDE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 100LQFP<br/>In stock: 6860 pcs<br/><b>RFQ</b></div> |
|  <div><b>MB90591GHZPFR-GS-184-ER</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 384KB MROM 100QFP<br/>In stock: 8623 pcs<br/><b>RFQ</b></div>  |  <div><b>MB90591GHPFR-G-160</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 384KB MROM 100QFP<br/>In stock: 6748 pcs<br/><b>RFQ</b></div>      |
|  <div><b>MB90587CPMC-G-105-BNDE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 100LQFP<br/>In stock: 6659 pcs<br/><b>RFQ</b></div>  |  <div><b>MB90591GHPFR-G-149-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 384KB MROM 100QFP<br/>In stock: 6390 pcs<br/><b>RFQ</b></div>  |
|  <div><b>MB90587CPMC-G-104-BNDE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 100LQFP<br/>In stock: 4136 pcs<br/><b>RFQ</b></div>  |  <div><b>MB90587CPMC-G-110-JNE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 100LQFP<br/>In stock: 5824 pcs<br/><b>RFQ</b></div>  |
|  <div><b>MB90587CPMC-G-110-BNDE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 100LQFP<br/>In stock: 12369 pcs<br/><b>RFQ</b></div> |  <div><b>MB90587CPMC-G-146-BNDE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 100LQFP<br/>In stock: 3139 pcs<br/><b>RFQ</b></div> |
|  <div><b>MB90591GHPF-G-191-JNERE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 384KB MROM 100QFP<br/>In stock: 5621 pcs<br/><b>RFQ</b></div> |  <div><b>MB90591GHPFR-G-173</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 384KB MROM 100QFP<br/>In stock: 6527 pcs<br/><b>RFQ</b></div>      |