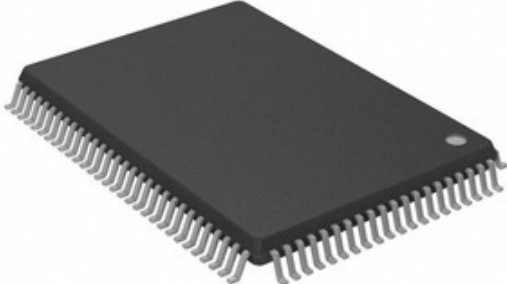


CYPRESS  
EMBEDDED IN TOMORROW™

Cypress Semiconductor



Part Number:MB96F348HWCPQC-GE2

Manufacturer/Brand:Cypress Semiconductor

Product description:IC MCU 16BIT 576KB FLASH 100QFP

Datasheets:

RoHS Status:Lead free / RoHS Compliant

Ship From:Hong Kong

Shipment Way:DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

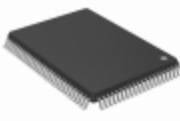
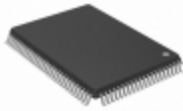
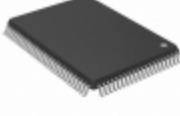
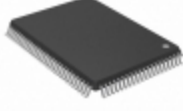
Specifications of MB96F348HWCPQC-GE2

|                                  |                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB96F348HWCPQC-GE2                                                                                                            |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                         |
| DESCRIPTION                      | IC MCU 16BIT 576KB FLASH 100QFP                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                    |
| DATA SHEET                       |                                                                                                                               |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 100-PQFP (20x14)                                                                                                              |
| SPEED                            | 56MHz                                                                                                                         |
| SERIES                           | F <sup>2</sup> MC-16FX MB96340                                                                                                |
| RAM SIZE                         | 24K x 8                                                                                                                       |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                         |
| PROGRAM MEMORY SIZE              | 576KB (576K x 8)                                                                                                              |
| PERIPHERALS                      | DMA, LVD, LVR, POR, PWM, WDT                                                                                                  |
| PACKAGING                        | Tray                                                                                                                          |
| PACKAGE / CASE                   | 100-BQFP                                                                                                                      |
| OSCILLATOR TYPE                  | Internal                                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                            |
| NUMBER OF I/O                    | 80                                                                                                                            |
| 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-16FX F <sup>2</sup> MC-16FX MB96340 Microcontroller IC 16-Bit 56MHz 576KB (576K x 8) FLASH 100-PQFP (20x14) |
| DATA CONVERTERS                  | A/D 24x10b                                                                                                                    |
| CORE SIZE                        | 16-Bit                                                                                                                        |
| CORE PROCESSOR                   | F <sup>2</sup> MC-16FX                                                                                                        |
| CONNECTIVITY                     | CANbus, EBI/EMI, I <sup>2</sup> C, LINbus, SCI, UART/USART                                                                    |

Related Tags

|                                          |                                               |                                              |
|------------------------------------------|-----------------------------------------------|----------------------------------------------|
| Cypress Semiconductor MB96F348HWCPQC-GE2 | MB96F348HWCPQC-GE2 Distributor                | MB96F348HWCPQC-GE2 Supplier                  |
| MB96F348HWCPQC-GE2 Price                 | MB96F348HWCPQC-GE2 Pictures                   | MB96F348HWCPQC-GE2 Image                     |
| MB96F348HWCPQC-GE2 PDF Datasheet         | MB96F348HWCPQC-GE2 Download Datasheet         | MB96F348HWCPQC-GE2 Datasheet                 |
| MB96F348HWCPQC-GE2 Stock                 | Buy MB96F348HWCPQC-GE2                        | Buy Cypress Semiconductor MB96F348HWCPQC-GE2 |
| Cypress Semiconductor MB96F348HWCPQC-GE2 | Cypress Semiconductor Supplier                | Cypress Semiconductor Distributor            |
| Cypress Semiconductor MB96F348HWCPQC-GE2 | Cypress Semiconductor Corp MB96F348HWCPQC-GE2 |                                              |

Related Products

|                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MB96F348HSCPQC-GE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 576KB FLASH 100QFP<br/>In stock: Out stock<br/>RFQ</div>       |  <div><b>MB96F348RSAPMCR-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 544KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>MB96F348RSAPMCR-GS-N2E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 544KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MB96F348HSCPMC-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 576KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div>    |
|  <div><b>MB96F348RSBPMC-GS-N2E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 544KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>MB96F348RSAPQCR-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 544KB FLASH 100QFP<br/>In stock: Out stock<br/>RFQ</div>    |
|  <div><b>MB96F348RSAPQCR-GS-N2E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 544KB FLASH 100QFP<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>MB96F348HSCPMC-GS-F4E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 576KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MB96F348HWCPMC-GE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 576KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div>      |  <div><b>MB96F348RSBPMC-GS-JAE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 544KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MB96F348HSCPMC-GE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 576KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div>      |  <div><b>MB96F348HSCPQC-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 576KB FLASH 100QFP<br/>In stock: Out stock<br/>RFQ</div>     |