



Cypress Semiconductor



MB96F348HSBPQC-GSE2

|                     |                                                                                                                           |
|---------------------|---------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB96F348HSBPQC-GSE2                                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                                     |
| Product description | IC MCU 16BIT 576KB FLASH 100QFP                                                                                           |
| Datasheets:         |  <a href="#">MB96F348HSBPQC-GSE2.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant              |
| Stock Condition     | 5946 pcs stock                                                                                                            |
| Ship From           | Hong Kong                                                                                                                 |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                     |

REQUEST FOR QUOTATION

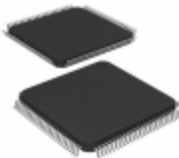
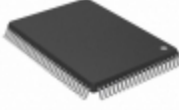
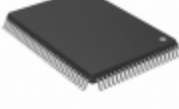
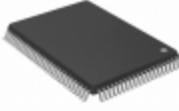
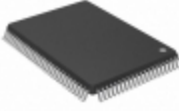
Specifications of MB96F348HSBPQC-GSE2

|                                  |                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB96F348HSBPQC-GSE2                                                                                                           |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                         |
| DESCRIPTION                      | IC MCU 16BIT 576KB FLASH 100QFP                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                    |
| QUANTITY AVAILABLE               | 5946 pcs                                                                                                                      |
| DATA SHEET                       |  <a href="#">MB96F348HSBPQC-GSE2.pdf</a>   |
| 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                    | 82                                                                                                                            |
| 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 MB96F348HSBPQC-GSE2 | MB96F348HSBPQC-GSE2 Distributor                | MB96F348HSBPQC-GSE2 Supplier                  |
| MB96F348HSBPQC-GSE2 Price                 | MB96F348HSBPQC-GSE2 Pictures                   | MB96F348HSBPQC-GSE2 Image                     |
| MB96F348HSBPQC-GSE2 PDF Datasheet         | MB96F348HSBPQC-GSE2 Download Datasheet         | MB96F348HSBPQC-GSE2 Datasheet                 |
| MB96F348HSBPQC-GSE2 Stock                 | Buy MB96F348HSBPQC-GSE2                        | Buy Cypress Semiconductor MB96F348HSBPQC-GSE2 |
| Cypress Semiconductor MB96F348HSBPQC-GSE2 | Cypress Semiconductor Supplier                 | Cypress Semiconductor Distributor             |
| Cypress Semiconductor MB96F348HSBPQC-GSE2 | Cypress Semiconductor Corp MB96F348HSBPQC-GSE2 |                                               |

Related Products

|                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                               |
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|  <div><b>MB96F348HSCPMC-GE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 576KB FLASH 100LQFP<br/>In stock: 6068 pcs</div> <div>RFQ</div>               |  <div><b>MB96F348ASBPMC-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 544KB FLASH 100LQFP<br/>In stock: 5337 pcs</div> <div>RFQ</div>    |
|  <div><b>MB96F348HSBPMC-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 576KB FLASH 100LQFP<br/>In stock: 3707 pcs</div> <div>RFQ</div>              |  <div><b>MB96F348HSCPMC-GS-F4E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 576KB FLASH 100LQFP<br/>In stock: 9325 pcs</div> <div>RFQ</div> |
|  <div><b>MB96F348HSCPMC-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 576KB FLASH 100LQFP<br/>In stock: 6413 pcs</div> <div>RFQ</div>              |  <div><b>MB96F348HSCPQC-GE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 576KB FLASH 100QFP<br/>In stock: 5110 pcs</div> <div>RFQ</div>      |
|  <div><b>MB96F348ASBPQC-GE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 544KB FLASH 100QFP<br/>In stock: 6304 pcs</div> <div>RFQ</div>                |  <div><b>MB96F348HSBPMCR-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 576KB FLASH 100LQFP<br/>In stock: 5433 pcs</div> <div>RFQ</div>   |
|  <div><b>MB96F348HSBPMC-GSE2</b><br/>Manufacturers: Fujitsu Electronics America, Inc.<br/>Description: IC MCU 16BIT 544KB FLASH 100LQFP<br/>In stock: 10212 pcs</div> <div>RFQ</div> |  <div><b>MB96F348ASBPQC-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 544KB FLASH 100QFP<br/>In stock: 5182 pcs</div> <div>RFQ</div>     |
|  <div><b>MB96F348HSCPQC-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 576KB FLASH 100QFP<br/>In stock: 4787 pcs</div> <div>RFQ</div>               |  <div><b>MB96F348HSBPQCR-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 576KB FLASH 100QFP<br/>In stock: 5417 pcs</div> <div>RFQ</div>    |