



Cypress Semiconductor



Image may be representation. See specifications for product details.

MB90F342CESPQC-GSE2

|                     |                                                                                                                           |
|---------------------|---------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90F342CESPQC-GSE2                                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                                     |
| Product description | IC MCU 16BIT 256KB FLASH 100QFP                                                                                           |
| Datasheets:         |  <a href="#">MB90F342CESPQC-GSE2.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant              |
| Stock Condition     | 3950 pcs stock                                                                                                            |
| Ship From           | Hong Kong                                                                                                                 |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                     |

REQUEST FOR QUOTATION

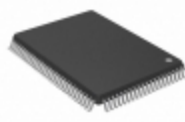
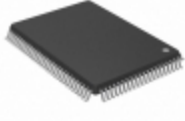
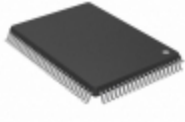
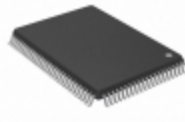
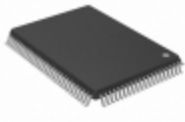
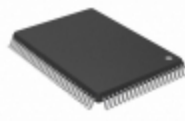
Specifications of MB90F342CESPQC-GSE2

|                                  |                                                                                                                                |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90F342CESPQC-GSE2                                                                                                            |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                          |
| DESCRIPTION                      | IC MCU 16BIT 256KB FLASH 100QFP                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                     |
| QUANTITY AVAILABLE               | 3950 pcs                                                                                                                       |
| DATA SHEET                       |  <a href="#">MB90F342CESPQC-GSE2.pdf</a>    |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.5 V ~ 5.5 V                                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 100-PQFP (20x14)                                                                                                               |
| SPEED                            | 24MHz                                                                                                                          |
| SERIES                           | F <sup>2</sup> MC-16LX MB90340E                                                                                                |
| RAM SIZE                         | 16K x 8                                                                                                                        |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                          |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                                               |
| PERIPHERALS                      | DMA, POR, WDT                                                                                                                  |
| PACKAGING                        | Tray                                                                                                                           |
| PACKAGE / CASE                   | 100-BQFP                                                                                                                       |
| OTHER NAMES                      | MB90F342CESPQC-GSE2SP                                                                                                          |
| OSCILLATOR TYPE                  | External                                                                                                                       |
| 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-16LX F <sup>2</sup> MC-16LX MB90340E Microcontroller IC 16-Bit 24MHz 256KB (256K x 8) FLASH 100-PQFP (20x14) |
| DATA CONVERTERS                  | A/D 24x8/10b                                                                                                                   |
| CORE SIZE                        | 16-Bit                                                                                                                         |
| CORE PROCESSOR                   | F <sup>2</sup> MC-16LX                                                                                                         |
| CONNECTIVITY                     | CANbus, EBI/EMI, I <sup>2</sup> C, LINbus, SCI, UART/USART                                                                     |

Related Tags

|                                           |                                                |                                               |
|-------------------------------------------|------------------------------------------------|-----------------------------------------------|
| Cypress Semiconductor MB90F342CESPQC-GSE2 | MB90F342CESPQC-GSE2 Distributor                | MB90F342CESPQC-GSE2 Supplier                  |
| MB90F342CESPQC-GSE2 Price                 | MB90F342CESPQC-GSE2 Pictures                   | MB90F342CESPQC-GSE2 Image                     |
| MB90F342CESPQC-GSE2 PDF Datasheet         | MB90F342CESPQC-GSE2 Download Datasheet         | MB90F342CESPQC-GSE2 Datasheet                 |
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| Cypress Semiconductor MB90F342CESPQC-GSE2 | Cypress Semiconductor Supplier                 | Cypress Semiconductor Distributor             |
| Cypress Semiconductor MB90F342CESPQC-GSE2 | Cypress Semiconductor Corp MB90F342CESPQC-GSE2 |                                               |

Related Products

|                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                      |
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| <div></div> <div><b>MB90F342ESPF-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100QFP<br/>In stock: 4459 pcs<br/><div>RFQ</div></div>       | <div></div> <div><b>MB90F342CESPMC-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100LQFP<br/>In stock: 4554 pcs<br/><div>RFQ</div></div>             |
| <div></div> <div><b>MB90F342CASPMC-GS-N2E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100LQFP<br/>In stock: 5023 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MB90F342ESPF-G-JNE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100QFP<br/>In stock: 3854 pcs<br/><div>RFQ</div></div>             |
| <div></div> <div><b>MB90F342ESPMC-G-JNE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100LQFP<br/>In stock: 4595 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>MB90F342ESPFV-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100LQFP<br/>In stock: 4306 pcs<br/><div>RFQ</div></div>             |
| <div></div> <div><b>MB90F342CEPMC-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100LQFP<br/>In stock: 4664 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>MB90F342CESPQC-GS-N2E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100QFP<br/>In stock: 4268 pcs<br/><div>RFQ</div></div>          |
| <div></div> <div><b>MB90F342ESPF-GS</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100QFP<br/>In stock: 3906 pcs<br/><div>RFQ</div></div>         | <div></div> <div><b>MB90F342CESPQC-GE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100QFP<br/>In stock: 3754 pcs<br/><div>RFQ</div></div>              |
| <div></div> <div><b>MB90F342ESPF-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100QFP<br/>In stock: 3683 pcs<br/><div>RFQ</div></div>        | <div></div> <div><b>MB90F342CESPQC-GSE2</b><br/>Manufacturers: Fujitsu Electronics America, Inc.<br/>Description: IC MCU 16BIT 256KB FLASH 100QFP<br/>In stock: 8704 pcs<br/><div>RFQ</div></div> |