



Cypress Semiconductor



### MB90F342ASPMC-GSE1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90F342ASPMC-GSE1                                                                                           |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 256KB FLASH 100LQFP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6790 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

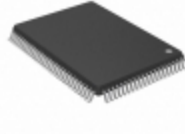
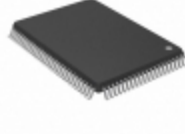
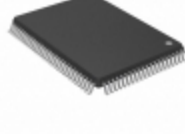
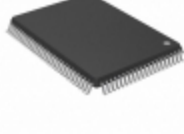
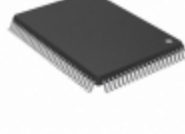
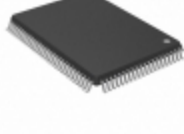
#### Specifications of MB90F342ASPMC-GSE1

|                                  |                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90F342ASPMC-GSE1                                                                                                            |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                         |
| DESCRIPTION                      | IC MCU 16BIT 256KB FLASH 100LQFP                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                    |
| QUANTITY AVAILABLE               | 6790 pcs                                                                                                                      |
| DATA SHEET                       |                                                                                                                               |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.5 V ~ 5.5 V                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                                                              |
| SPEED                            | 24MHz                                                                                                                         |
| SERIES                           | F <sup>2</sup> MC-16LX MB90340                                                                                                |
| 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-LQFP                                                                                                                      |
| OTHER NAMES                      | CY90F342ASPMC-GSE1                                                                                                            |
| 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 MB90340 Microcontroller IC 16-Bit 24MHz 256KB (256K x 8) FLASH 100-LQFP (14x14) |
| DATA CONVERTERS                  | A/D 16x8/10b                                                                                                                  |
| CORE SIZE                        | 16-Bit                                                                                                                        |
| CORE PROCESSOR                   | F <sup>2</sup> MC-16LX                                                                                                        |
| CONNECTIVITY                     | CANbus, EBI/EMI, LINbus, SCI, UART/USART                                                                                      |

#### Related Tags

|                                          |                                               |                                              |
|------------------------------------------|-----------------------------------------------|----------------------------------------------|
| Cypress Semiconductor MB90F342ASPMC-GSE1 | MB90F342ASPMC-GSE1 Distributor                | MB90F342ASPMC-GSE1 Supplier                  |
| MB90F342ASPMC-GSE1 Price                 | MB90F342ASPMC-GSE1 Pictures                   | MB90F342ASPMC-GSE1 Image                     |
| MB90F342ASPMC-GSE1 PDF Datasheet         | MB90F342ASPMC-GSE1 Download Datasheet         | MB90F342ASPMC-GSE1 Datasheet                 |
| MB90F342ASPMC-GSE1 Stock                 | Buy MB90F342ASPMC-GSE1                        | Buy Cypress Semiconductor MB90F342ASPMC-GSE1 |
| Cypress Semiconductor MB90F342ASPMC-GSE1 | Cypress Semiconductor Supplier                | Cypress Semiconductor Distributor            |
| Cypress Semiconductor MB90F342ASPMC-GSE1 | Cypress Semiconductor Corp MB90F342ASPMC-GSE1 |                                              |

#### Related Products

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                        |
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| <div></div> <div><b>MB90F342CAPMC-G</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100LQFP<br/>In stock: 4909 pcs</div> <div>RFQ</div>    | <div></div> <div><b>MB90F342ASPMC-G-JNE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100LQFP<br/>In stock: 3881 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MB90F342ASPFR-G</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100QFP<br/>In stock: 4339 pcs</div> <div>RFQ</div>     | <div></div> <div><b>MB90F342CAPF-G-N9E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: 5571 pcs</div> <div>RFQ</div>                |
| <div></div> <div><b>MB90F342ASPF-GS-AE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100QFP<br/>In stock: 7108 pcs</div> <div>RFQ</div> | <div></div> <div><b>MB90F342ASPMC-G</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100LQFP<br/>In stock: 4888 pcs</div> <div>RFQ</div>      |
| <div></div> <div><b>MB90F342ASPMC-GS</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100LQFP<br/>In stock: 4375 pcs</div> <div>RFQ</div>   | <div></div> <div><b>MB90F342ASPMC-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100LQFP<br/>In stock: 4809 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>MB90F342CAPF-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100QFP<br/>In stock: 3981 pcs</div> <div>RFQ</div>   | <div></div> <div><b>MB90F342CAPFR-G</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100QFP<br/>In stock: 4634 pcs</div> <div>RFQ</div>       |
| <div></div> <div><b>MB90F342CAPFR-GS</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100QFP<br/>In stock: 3943 pcs</div> <div>RFQ</div>    | <div></div> <div><b>MB90F342CAPF-G</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100QFP<br/>In stock: 4311 pcs</div> <div>RFQ</div>        |