



Cypress Semiconductor



MB90F342CASPFR-GS

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90F342CASPFR-GS                                                                                            |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 256KB FLASH 100QFP                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3757 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

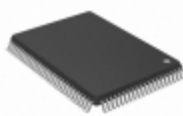
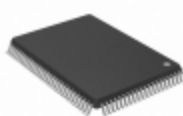
Specifications of MB90F342CASPFR-GS

|                                  |                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90F342CASPFR-GS                                                                                                             |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                         |
| DESCRIPTION                      | IC MCU 16BIT 256KB FLASH 100QFP                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                    |
| QUANTITY AVAILABLE               | 3757 pcs                                                                                                                      |
| DATA SHEET                       |                                                                                                                               |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 100-PQFP (20x14)                                                                                                              |
| 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-BQFP                                                                                                                      |
| OTHER NAMES                      | MB90F342CASPFR-GSDSP<br>MB90F342CASPFR-GSSP                                                                                   |
| 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-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 MB90F342CASPFR-GS | MB90F342CASPFR-GS Distributor                | MB90F342CASPFR-GS Supplier                  |
| MB90F342CASPFR-GS Price                 | MB90F342CASPFR-GS Pictures                   | MB90F342CASPFR-GS Image                     |
| MB90F342CASPFR-GS PDF Datasheet         | MB90F342CASPFR-GS Download Datasheet         | MB90F342CASPFR-GS Datasheet                 |
| MB90F342CASPFR-GS Stock                 | Buy MB90F342CASPFR-GS                        | Buy Cypress Semiconductor MB90F342CASPFR-GS |
| Cypress Semiconductor MB90F342CASPFR-GS | Cypress Semiconductor Supplier               | Cypress Semiconductor Distributor           |
| Cypress Semiconductor MB90F342CASPFR-GS | Cypress Semiconductor Corp MB90F342CASPFR-GS |                                             |

Related Products

|                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>MB90F342CASPFR-G</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100QFP<br/>In stock: 3935 pcs</div><div>RFQ</div></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>MB90F342CASPFR-GS-N2E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100QFP<br/>In stock: 3889 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>MB90F342CASPFR-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT<br/>In stock: 3419 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>MB90F342CASPMC-GS-N2E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100LQFP<br/>In stock: 5023 pcs</div><div>RFQ</div></div> | <div><div><b>MB90F342CAPMC-GS</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100LQFP<br/>In stock: 4149 pcs</div><div>RFQ</div></div>   |
| <div><div><b>MB90F342CASPMC-GS</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100LQFP<br/>In stock: 4661 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>MB90F342CEPMC-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB FLASH 100LQFP<br/>In stock: 4664 pcs</div><div>RFQ</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</div><div>RFQ</div></div> |