



Cypress Semiconductor



MB90F345ESPMC-G-JNE1

|                     |                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90F345ESPMC-G-JNE1                                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                                      |
| Product description | IC MCU 16BIT 512KB FLASH 100LQFP                                                                                           |
| Datasheets:         |  <a href="#">MB90F345ESPMC-G-JNE1.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant               |
| Stock Condition     | 3993 pcs stock                                                                                                             |
| Ship From           | Hong Kong                                                                                                                  |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                      |

REQUEST FOR QUOTATION

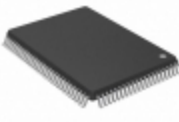
Specifications of MB90F345ESPMC-G-JNE1

|                                  |                                                                                                                                |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90F345ESPMC-G-JNE1                                                                                                           |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                          |
| DESCRIPTION                      | IC MCU 16BIT 512KB FLASH 100LQFP                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                     |
| QUANTITY AVAILABLE               | 3993 pcs                                                                                                                       |
| DATA SHEET                       |  <a href="#">MB90F345ESPMC-G-JNE1.pdf</a>   |
| 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 MB90340E                                                                                                |
| RAM SIZE                         | 20K x 8                                                                                                                        |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                          |
| PROGRAM MEMORY SIZE              | 512KB (512K x 8)                                                                                                               |
| PERIPHERALS                      | DMA, POR, WDT                                                                                                                  |
| PACKAGING                        | Tray                                                                                                                           |
| PACKAGE / CASE                   | 100-LQFP                                                                                                                       |
| 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 512KB (512K 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 MB90F345ESPMC-G-JNE1 | MB90F345ESPMC-G-JNE1 Distributor                | MB90F345ESPMC-G-JNE1 Supplier                  |
| MB90F345ESPMC-G-JNE1 Price                 | MB90F345ESPMC-G-JNE1 Pictures                   | MB90F345ESPMC-G-JNE1 Image                     |
| MB90F345ESPMC-G-JNE1 PDF Datasheet         | MB90F345ESPMC-G-JNE1 Download Datasheet         | MB90F345ESPMC-G-JNE1 Datasheet                 |
| MB90F345ESPMC-G-JNE1 Stock                 | Buy MB90F345ESPMC-G-JNE1                        | Buy Cypress Semiconductor MB90F345ESPMC-G-JNE1 |
| Cypress Semiconductor MB90F345ESPMC-G-JNE1 | Cypress Semiconductor Supplier                  | Cypress Semiconductor Distributor              |
| Cypress Semiconductor MB90F345ESPMC-G-JNE1 | Cypress Semiconductor Corp MB90F345ESPMC-G-JNE1 |                                                |

Related Products

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| <div></div> <div><b>MB90F346CASPFR-GS</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 100QFP<br/>In stock: 4823 pcs</div> <div>RFQ</div>       | <div></div> <div><b>MB90F345ESPMC-G-N2E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: 4652 pcs</div> <div>RFQ</div>              |
| <div></div> <div><b>MB90F345ESPFV-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 512KB FLASH 100LQFP<br/>In stock: 4318 pcs</div> <div>RFQ</div>     | <div></div> <div><b>MB90F345CESPMC-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 512KB FLASH 100LQFP<br/>In stock: 4446 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>MB90F345ESPMC-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 512KB FLASH 100LQFP<br/>In stock: 4650 pcs</div> <div>RFQ</div>     | <div></div> <div><b>MB90F345CESPQCR-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 512KB FLASH 100QFP<br/>In stock: 3505 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MB90F345CESPMC-G-SNE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 512KB FLASH 100LQFP<br/>In stock: 4347 pcs</div> <div>RFQ</div> | <div></div> <div><b>MB90F346ASPMC-GS</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 100LQFP<br/>In stock: 4191 pcs</div> <div>RFQ</div>     |
| <div></div> <div><b>MB90F345CESPMC-G-N9E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: 4283 pcs</div> <div>RFQ</div>               | <div></div> <div><b>MB90F346CASPMC-G</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 100LQFP<br/>In stock: 4214 pcs</div> <div>RFQ</div>     |
| <div></div> <div><b>MB90F345CESPMC-G-N2E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 512KB FLASH 100LQFP<br/>In stock: 4668 pcs</div> <div>RFQ</div> | <div></div> <div><b>MB90F346ASPMC-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB FLASH 100LQFP<br/>In stock: 10614 pcs</div> <div>RFQ</div>  |