

MB90F347CEPMC-GS-SPE1



Part Number: [MB90F347CEPMC-GS-SPE1](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 16BIT 128KB FLASH 100LQFP

Data sheet:  [MB90340E Series](#)

RoHs Status: Lead free / RoHS Compliant

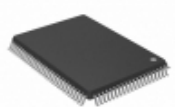
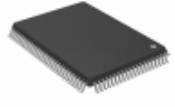
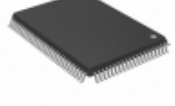
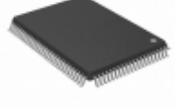
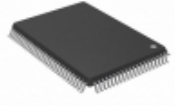
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                             |                                           |                                  |                                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                   | MB90F347CEPMC-GS-SPE1                     | Manufacturer                     | <a href="#">Cypress Semiconductor</a>                                                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                   | IC MCU 16BIT 128KB FLASH 100LQFP          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                            | 8246 pcs                                  | Data sheet                       | <a href="#">MB90340E Series</a>                                                                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 3.5 V ~ 5.5 V                                                                                        |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                       | 100-LQFP (14x14)                          | Speed                            | 24MHz                                                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                        | F*MC-16LX MB90340E                        | RAM Size                         | 6K x 8                                                                                               |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                           | FLASH                                     | Program Memory Size              | 128KB (128K x 8)                                                                                     |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                   | DMA, POR, WDT                             | Packaging                        | Tray                                                                                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                | 100-LQFP                                  | Other Names                      | CY90F347CEPMC-GS-SPE1                                                                                |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                               | External                                  | Operating Temperature            | -40°C ~ 105°C (TA)                                                                                   |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                 | 80                                        | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                        |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                               | 23 Weeks                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                           |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                         | Detailed Description             | F*MC-16LX F*MC-16LX MB90340E Microcontroller IC 16-Bit 24MHz 128KB (128K x 8) FLASH 100-LQFP (14x14) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                               | A/D 24x8/10b                              | Core Size                        | 16-Bit                                                                                               |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                | F*MC-16LX                                 | Connectivity                     | CANbus, EBI/EMI, I²C, LINbus, SCI, UART/USART                                                        |
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| RELATED PRODUCTS                                                                   |                                                                                                |                                                      |                |
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|  | Part#: <a href="#">MB90F347CEPMC-GE1</a><br>Description: IC MCU 16BIT 128KB FLASH 100LQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MB90F347CEPMC-G-SNE1</a><br>Description: IC MCU 16BIT 128KB FLASH 100LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F347CASPMC-G</a><br>Description: IC MCU 16BIT 128KB FLASH 100LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MB90F347CESPMC-G-SPE1</a><br>Description: IC MCU 16BIT 128KB FLASH 100LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F347CEPFV-GE1</a><br>Description: IC MCU 16BIT 128KB FLASH 100LQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F347CASPMC-G-JNE1</a><br>Description: IC MCU 16BIT 128KB FLASH 100LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
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