

MB90F347APFV-GSE1



**Part Number:** MB90F347APFV-GSE1

**Manufacturer:** Cypress Semiconductor

**Description:** IC MCU 16BIT 128KB FLASH 100LQFP

**Data sheet:**

**RoHs Status:** Lead free / RoHS Compliant

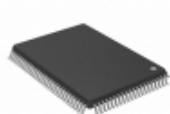
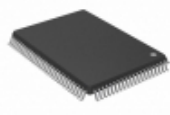
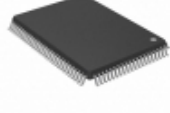
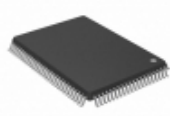
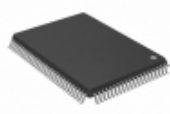
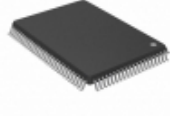
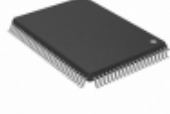
**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                         |                                  |                                |                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                               | MB90F347APFV-GSE1                | Manufacturer                   | Cypress Semiconductor                                                                                                         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 16BIT 128KB FLASH 100LQFP | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                        | 4878 pcs                         | Data sheet                     |                                                                                                                               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                  | Integrated Circuits (ICs)        | 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                       | 6K x 8                                                                                                                        |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                       | FLASH                            | Program Memory Size            | 128KB (128K 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                  | 80                                                                                                                            |
| 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 128KB (128K 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                                                                                      |
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| RELATED PRODUCTS                                                                   |                                                                              |                                      |     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------------------------|-----|
|  | Part#: MB90F347ASPF-GSE1<br>Description: IC MCU 16BIT 128KB FLASH 100QFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F346ASPMC-GSE1<br>Description: IC MCU 16BIT 64KB FLASH 100LQFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F347ASPF-G-N2E1<br>Description: IC MICROCONTROLLER                | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F346CEPF-GE1<br>Description: IC MCU 16BIT 64KB FLASH 100QFP       | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F346CESPMC-GE1<br>Description: IC MCU 16BIT 64KB FLASH 100LQFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F346ASPMC-GS<br>Description: IC MCU 16BIT 64KB FLASH 100LQFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F347APFV-GS-SPE1<br>Description: IC MCU 16BIT 128KB FLASH 100LQFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F347ASPF-GS-SP<br>Description: IC MCU 16BIT 128KB FLASH 100QFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F347APMC-GS-SPE1<br>Description: IC MCU 16BIT 128KB FLASH 100LQFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F347APFV-GE1<br>Description: IC MCU 16BIT 128KB FLASH 100LQFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F346CASPFR-GS<br>Description: IC MCU 16BIT 64KB FLASH 100QFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F347ASPFR-GS<br>Description: IC MCU 16BIT 128KB FLASH 100QFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F346CASPMMC-G<br>Description: IC MCU 16BIT 64KB FLASH 100LQFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F347ASPF-G-SPE1<br>Description: IC MCU 16BIT 128KB FLASH 100QFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F347ASPFR-GS-ER<br>Description: IC MCU 16BIT 128KB FLASH 100QFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F345ESPMC-GE1<br>Description: IC MCU 16BIT 512KB FLASH 100LQFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F345ESPMC-G-N2E1<br>Description: IC MICROCONTROLLER               | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F347APMC-GS<br>Description: IC MCU 16BIT 128KB FLASH 100LQFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F347ASPF-GE1<br>Description: IC MCU 16BIT 128KB FLASH 100QFP      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F347ASPF-G-JNE1<br>Description: IC MCU 16BIT 128KB FLASH 100QFP   | Manufacturers: Cypress Semiconductor | RFQ |

Related keywords for MB90F347APFV-GSE1

|                                         |                                              |                            |                         |
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