

MB90F351ESPMC1-GTE1





**Part Number:** [MB90F351ESPMC1-GTE1](#)

**Manufacturer:** [Cypress Semiconductor](#)

**Description:** IC MCU 16BIT 64KB FLASH 64LQFP

**Data sheet:**  [MB90350E Series](#)

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

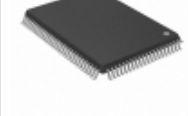
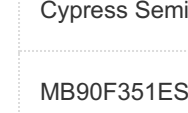
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                |                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MB90F351ESPMC1-GTE1                       | Manufacturer                   | <a href="#">Cypress Semiconductor</a>                                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC MCU 16BIT 64KB FLASH 64LQFP            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4433 pcs                                  | Data sheet                     | <a href="#">MB90350E Series</a>                                                                   |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 3.5 V ~ 5.5 V                                                                                     |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 64-LQFP (12x12)                           | Speed                          | 24MHz                                                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | F*MC-16LX MB90350E                        | RAM Size                       | 4K x 8                                                                                            |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                        | FLASH                                     | Program Memory Size            | 64KB (64K x 8)                                                                                    |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                | DMA, LVD, POR, WDT                        | Packaging                      | Tray                                                                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 64-LQFP                                   | Oscillator Type                | Internal                                                                                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 125°C (TA)                        | Number of I/O                  | 51                                                                                                |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                           | Vendor Undefined                          | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                        |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                         | Detailed Description           | F*MC-16LX F*MC-16LX MB90350E Microcontroller IC 16-Bit 24MHz 64KB (64K x 8) FLASH 64-LQFP (12x12) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A/D 15x8/10b                              | Core Size                      | 16-Bit                                                                                            |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                             | F*MC-16LX                                 | Connectivity                   | CANbus, EBI/EMI, I²C, LINbus, UART/USART                                                          |
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| RELATED PRODUCTS                                                                   |                                                                                               |                                                      |                     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------|---------------------|
|  | Part#: <a href="#">MB90F351PMC-GS-SP</a><br>Description: IC MCU 16BIT 64KB FLASH 64LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F351ESPMC-GE1</a><br>Description: IC MCU 16BIT 64KB FLASH 64LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F349SPQC-GSE2</a><br>Description: IC MCU 16BIT 256KB FLASH 100QFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F351SPMC-G-SPERE1</a><br>Description: IC MCU 16BIT 64KB FLASH 64LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F351SPMC3-GS-SPERE2</a><br>Description: IC MCU 16BIT 64KB FLASH 64LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F351SPFM-GSE1</a><br>Description: IC MCU 16BIT 64KB FLASH 64LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F351SPMC3-GS-ER</a><br>Description: IC MCU 16BIT 64KB FLASH 64LQFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F351PMC-GS</a><br>Description: IC MCU 16BIT 64KB FLASH 64LQFP          | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F351ESPMC-GSE1</a><br>Description: IC MCU 16BIT 64KB FLASH 64LQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F351ASPMCR-GSE1</a><br>Description: IC MCU 16BIT 64KB FLASH 64LQFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F351ESPMC1-GSE1</a><br>Description: IC MCU 16BIT 64KB FLASH 64LQFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F349RASPFV-GSE1</a><br>Description: IC MCU 16BIT 256KB FLASH 100LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F351SPMC-GSE1</a><br>Description: IC MCU 16BIT 64KB FLASH 64LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F349RBSPMC-GSE1</a><br>Description: IC MCU 16BIT 256KB FLASH 100LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F351SPFM-GE1</a><br>Description: IC MCU 16BIT 64KB FLASH 64LQFP        | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F351ESPMC1-GE1</a><br>Description: IC MCU 16BIT 64KB FLASH 64LQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F351ESPMC-GS-SPE1</a><br>Description: IC MCU 16BIT 64KB FLASH 64LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F351SPMC-G</a><br>Description: IC MCU 16BIT 64KB FLASH 64LQFP          | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F349RASZPFV-GSE1</a><br>Description: IC MCU 16BIT 256KB FLASH 100LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90F351PMC-GSE2</a><br>Description: IC MCU 16BIT 64KB FLASH 64LQFP        | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |

| Related keywords for MB90F351ESPMC1-GTE1  |                                                |                              |                           |
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