

Cypress Semiconductor



### MB90347ESPFV-GS-340E1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90347ESPFV-GS-340E1                                                                                        |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 128KB MROM 100LQFP                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6438 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

#### Specifications of MB90347ESPFV-GS-340E1

|                                  |                                                                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90347ESPFV-GS-340E1                                                                                                             |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                             |
| DESCRIPTION                      | IC MCU 16BIT 128KB MROM 100LQFP                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                        |
| QUANTITY AVAILABLE               | 6438 pcs                                                                                                                          |
| DATA SHEET                       |                                                                                                                                   |
| 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                         | 6K x 8                                                                                                                            |
| PROGRAM MEMORY TYPE              | Mask ROM                                                                                                                          |
| 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                    | 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 128KB (128K x 8) Mask ROM 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 MB90347ESPFV-GS-340E1 | MB90347ESPFV-GS-340E1 Distributor                | MB90347ESPFV-GS-340E1 Supplier                  |
| MB90347ESPFV-GS-340E1 Price                 | MB90347ESPFV-GS-340E1 Pictures                   | MB90347ESPFV-GS-340E1 Image                     |
| MB90347ESPFV-GS-340E1 PDF Datasheet         | MB90347ESPFV-GS-340E1 Download Datasheet         | MB90347ESPFV-GS-340E1 Datasheet                 |
| MB90347ESPFV-GS-340E1 Stock                 | Buy MB90347ESPFV-GS-340E1                        | Buy Cypress Semiconductor MB90347ESPFV-GS-340E1 |
| Cypress Semiconductor MB90347ESPFV-GS-340E1 | Cypress Semiconductor Supplier                   | Cypress Semiconductor Distributor               |
| Cypress Semiconductor MB90347ESPFV-GS-340E1 | Cypress Semiconductor Corp MB90347ESPFV-GS-340E1 |                                                 |

#### Related Products

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|  <b>MB90347ESPFV-GS-254E1</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC MCU 16BIT 128KB MROM 100LQFP<br>In stock: 6464 pcs<br>RFQ |  <b>MB90347ESPFV-GS-300E1</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC MCU 16BIT 128KB MROM 100LQFP<br>In stock: 6365 pcs<br>RFQ |
|  <b>MB90347ESPFV-GS-280E1</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC MCU 16BIT 128KB MROM 100LQFP<br>In stock: 7372 pcs<br>RFQ |  <b>MB90347ESPFV-GS-344E1</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC MCU 16BIT 128KB MROM 100LQFP<br>In stock: 6894 pcs<br>RFQ |
|  <b>MB90347EPMC-GS-745E1</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC MCU 16BIT 128KB MROM 100LQFP<br>In stock: 5116 pcs<br>RFQ  |  <b>MB90347ESPMC-GS-280E1</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC MCU 16BIT 128KB MROM 100LQFP<br>In stock: 4074 pcs<br>RFQ |
|  <b>MB90347EPMC-GS-780E1</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC MCU 16BIT 128KB MROM 100LQFP<br>In stock: 11250 pcs<br>RFQ |  <b>MB90347ESPFV-GS-248E1</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC MCU 16BIT 128KB MROM 100LQFP<br>In stock: 6892 pcs<br>RFQ |
|  <b>MB90347ESPMC-GS-277E1</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC MCU 16BIT 128KB MROM 100LQFP<br>In stock: 6428 pcs<br>RFQ |  <b>MB90347ESPMC-GS-248E1</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC MCU 16BIT 128KB MROM 100LQFP<br>In stock: 5734 pcs<br>RFQ |
|  <b>MB90347ESPMC-GS-254E1</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC MCU 16BIT 128KB MROM 100LQFP<br>In stock: 3143 pcs<br>RFQ |  <b>MB90347ESPMC-G-187E1</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC MCU 16BIT 128KB MROM 100LQFP<br>In stock: 6050 pcs<br>RFQ  |