



Cypress Semiconductor



Image may be representation. See specifications for product details.

MB90349CASPFBV-GS-608E1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90349CASPFBV-GS-608E1                                                                                      |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 256KB MROM 100LQFP                                                                              |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 11423 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MB90349CASPFBV-GS-608E1

|                                  |                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90349CASPFBV-GS-608E1                                                                                                          |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                            |
| DESCRIPTION                      | IC MCU 16BIT 256KB MROM 100LQFP                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                       |
| QUANTITY AVAILABLE               | 11423 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 MB90340                                                                                                   |
| RAM SIZE                         | 16K x 8                                                                                                                          |
| PROGRAM MEMORY TYPE              | Mask ROM                                                                                                                         |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                                                 |
| PERIPHERALS                      | DMA, POR, WDT                                                                                                                    |
| PACKAGING                        | Tray                                                                                                                             |
| PACKAGE / CASE                   | 100-LQFP                                                                                                                         |
| OTHER NAMES                      | CY90349CASPFBV-GS-608E1                                                                                                          |
| 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 MB90340 Microcontroller IC 16-Bit 24MHz 256KB (256K x 8) Mask ROM 100-LQFP (14x14) |
| DATA CONVERTERS                  | A/D 24x8/10b                                                                                                                     |
| CORE SIZE                        | 16-Bit                                                                                                                           |
| CORE PROCESSOR                   | F <sup>2</sup> MC-16LX                                                                                                           |
| CONNECTIVITY                     | CANbus, EBI/EMI, I <sup>2</sup> C, LINbus, SCI, UART/USART                                                                       |

Related Tags

|                                               |                                                    |                                                   |
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Related Products

|                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                         |
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| <div><div><b>MB90349CASPFBV-GS-606E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100LQFP<br/>In stock: 3202 pcs</div><div>RFQ</div></div>  | <div><div><b>MB90349CASPFBV-GS-616E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100LQFP<br/>In stock: 4427 pcs</div><div>RFQ</div></div>  |
| <div><div><b>MB90349CASPFBV-GS-620E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100LQFP<br/>In stock: 6499 pcs</div><div>RFQ</div></div>  | <div><div><b>MB90349CASPFBV-GS-593E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100LQFP<br/>In stock: 13966 pcs</div><div>RFQ</div></div> |
| <div><div><b>MB90349CASPFBV-GS-595E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100LQFP<br/>In stock: 6173 pcs</div><div>RFQ</div></div>  | <div><div><b>MB90349CASPFBV-GS-631E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100LQFP<br/>In stock: 6853 pcs</div><div>RFQ</div></div>  |
| <div><div><b>MB90349CASPFBV-GS-607E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100LQFP<br/>In stock: 4540 pcs</div><div>RFQ</div></div>  | <div><div><b>MB90349CASPFBV-GS-629E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100LQFP<br/>In stock: 4788 pcs</div><div>RFQ</div></div>  |
| <div><div><b>MB90349CASPFBV-GS-594E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100LQFP<br/>In stock: 10735 pcs</div><div>RFQ</div></div> | <div><div><b>MB90349CASPFBV-GS-602E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100LQFP<br/>In stock: 2997 pcs</div><div>RFQ</div></div>  |
| <div><div><b>MB90349CASPFBV-GS-630E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100LQFP<br/>In stock: 5372 pcs</div><div>RFQ</div></div>  | <div><div><b>MB90349CASPFBV-GS-628E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100LQFP<br/>In stock: 3304 pcs</div><div>RFQ</div></div>  |