



Cypress Semiconductor



### MB90349CASP

### FV-GS-643E1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90349CASP                                                                                                  |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 256KB MROM 100LQFP                                                                              |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3102 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 MB90349CASP

#### FV-GS-643E1

|                                  |                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90349CASP                                                                                                                      |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                            |
| DESCRIPTION                      | IC MCU 16BIT 256KB MROM 100LQFP                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                       |
| QUANTITY AVAILABLE               | 3102 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                                                                                                                         |
| 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

|                                   |                                        |                                       |
|-----------------------------------|----------------------------------------|---------------------------------------|
| Cypress Semiconductor MB90349CASP | MB90349CASP Distributor                | MB90349CASP Supplier                  |
| MB90349CASP Price                 | MB90349CASP Pictures                   | MB90349CASP Image                     |
| MB90349CASP PDF Datasheet         | MB90349CASP Download Datasheet         | MB90349CASP Datasheet                 |
| MB90349CASP Stock                 | Buy MB90349CASP                        | Buy Cypress Semiconductor MB90349CASP |
| Cypress Semiconductor MB90349CASP | Cypress Semiconductor Supplier         | Cypress Semiconductor Distributor     |
| Cypress Semiconductor MB90349CASP | Cypress Semiconductor Corp MB90349CASP |                                       |

#### Related Products

|                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MB90349CASP</b></div> <div>Manufacturers: Cypress Semiconductor</div> <div>Description: IC MCU 16BIT 256KB MROM 100LQFP</div> <div>In stock: 4584 pcs</div> <div>RFQ</div>  | <div></div> <div><b>MB90349CASP</b></div> <div>Manufacturers: Cypress Semiconductor</div> <div>Description: IC MCU 16BIT 256KB MROM 100LQFP</div> <div>In stock: 6689 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MB90349CASP</b></div> <div>Manufacturers: Cypress Semiconductor</div> <div>Description: IC MCU 16BIT 256KB MROM 100LQFP</div> <div>In stock: 4005 pcs</div> <div>RFQ</div>  | <div></div> <div><b>MB90349CASP</b></div> <div>Manufacturers: Cypress Semiconductor</div> <div>Description: IC MCU 16BIT 256KB MROM 100LQFP</div> <div>In stock: 6853 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MB90349CASP</b></div> <div>Manufacturers: Cypress Semiconductor</div> <div>Description: IC MCU 16BIT 256KB MROM 100LQFP</div> <div>In stock: 16058 pcs</div> <div>RFQ</div> | <div></div> <div><b>MB90349CASP</b></div> <div>Manufacturers: Cypress Semiconductor</div> <div>Description: IC MCU 16BIT 256KB MROM 100LQFP</div> <div>In stock: 4292 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MB90349CASP</b></div> <div>Manufacturers: Cypress Semiconductor</div> <div>Description: IC MCU 16BIT 256KB MROM 100LQFP</div> <div>In stock: 3737 pcs</div> <div>RFQ</div>  | <div></div> <div><b>MB90349CASP</b></div> <div>Manufacturers: Cypress Semiconductor</div> <div>Description: IC MCU 16BIT 256KB MROM 100LQFP</div> <div>In stock: 5935 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MB90349CASP</b></div> <div>Manufacturers: Cypress Semiconductor</div> <div>Description: IC MCU 16BIT 256KB MROM 100LQFP</div> <div>In stock: 6618 pcs</div> <div>RFQ</div>  | <div></div> <div><b>MB90349CASP</b></div> <div>Manufacturers: Cypress Semiconductor</div> <div>Description: IC MCU 16BIT 256KB MROM 100LQFP</div> <div>In stock: 4219 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MB90349CASP</b></div> <div>Manufacturers: Cypress Semiconductor</div> <div>Description: IC MCU 16BIT 256KB MROM 100LQFP</div> <div>In stock: 5608 pcs</div> <div>RFQ</div>  | <div></div> <div><b>MB90349CASP</b></div> <div>Manufacturers: Cypress Semiconductor</div> <div>Description: IC MCU 16BIT 256KB MROM 100LQFP</div> <div>In stock: 5372 pcs</div> <div>RFQ</div> |