



Cypress Semiconductor



MB90349CAPF-G-156

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90349CAPF-G-156                                                                                            |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 256KB MROM 100QFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

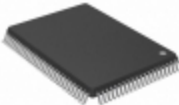
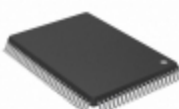
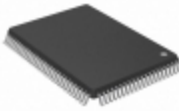
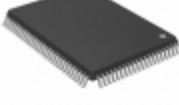
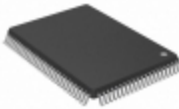
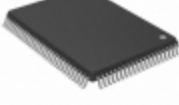
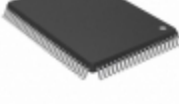
Specifications of MB90349CAPF-G-156

|                                  |                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90349CAPF-G-156                                                                                                                |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                            |
| DESCRIPTION                      | IC MCU 16BIT 256KB MROM 100QFP                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                       |
| DATA SHEET                       |                                                                                                                                  |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.5 V ~ 5.5 V                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 100-PQFP (20x14)                                                                                                                 |
| 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-BQFP                                                                                                                         |
| 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 256KB (256K x 8) Mask ROM 100-PQFP (20x14) |
| 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 MB90349CAPF-G-156 | MB90349CAPF-G-156 Distributor                | MB90349CAPF-G-156 Supplier                  |
| MB90349CAPF-G-156 Price                 | MB90349CAPF-G-156 Pictures                   | MB90349CAPF-G-156 Image                     |
| MB90349CAPF-G-156 PDF Datasheet         | MB90349CAPF-G-156 Download Datasheet         | MB90349CAPF-G-156 Datasheet                 |
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| Cypress Semiconductor MB90349CAPF-G-156 | Cypress Semiconductor Supplier               | Cypress Semiconductor Distributor           |
| Cypress Semiconductor MB90349CAPF-G-156 | Cypress Semiconductor Corp MB90349CAPF-G-156 |                                             |

Related Products

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MB90349CASPFB-G-130</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>MB90349CAPF-G-155</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100QFP<br/>In stock: Out stock<br/><b>RFQ</b></div>    |
|  <div><b>MB90349CAPF-G-140</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100QFP<br/>In stock: Out stock<br/><b>RFQ</b></div>     |  <div><b>MB90349CAPF-G-195</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100QFP<br/>In stock: Out stock<br/><b>RFQ</b></div>    |
|  <div><b>MB90349CAPF-GS-477E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100QFP<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>MB90349CAPF-G-155E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100QFP<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>MB90349CAPF-G-176</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100QFP<br/>In stock: Out stock<br/><b>RFQ</b></div>     |  <div><b>MB90349CASPFB-G-167</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>MB90349CAPQC-GS-347E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100QFP<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>MB90349CAPF-G-139</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100QFP<br/>In stock: Out stock<br/><b>RFQ</b></div>    |
|  <div><b>MB90349CAPF-G-154</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100QFP<br/>In stock: Out stock<br/><b>RFQ</b></div>     |  <div><b>MB90349CAPF-G-140E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100QFP<br/>In stock: Out stock<br/><b>RFQ</b></div>  |