

MB90349CAPF-G-140E1



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Part Number: MB90349CAPF-G-140E1

Manufacturer: Cypress Semiconductor

Description: IC MCU 16BIT 256KB MROM 100QFP

Data sheet:

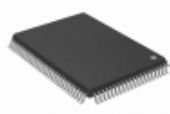
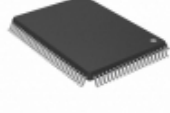
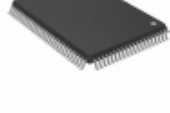
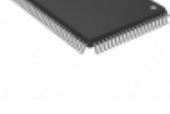
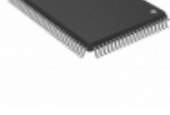
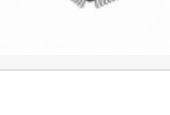
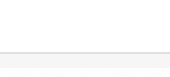
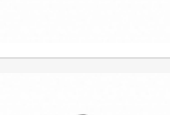
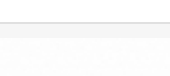
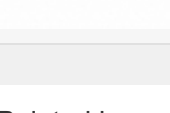
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                           |                                |                                |                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------------|--------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                 | MB90349CAPF-G-140E1            | Manufacturer                   | Cypress Semiconductor                                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                 | IC MCU 16BIT 256KB MROM 100QFP | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                          | 4771 pcs                       | Data sheet                     |                                                                                                        |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                    | Integrated Circuits (ICs)      | Voltage - Supply (Vcc/Vdd)     | 3.5 V ~ 5.5 V                                                                                          |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                     | 100-PQFP (20x14)               | Speed                          | 24MHz                                                                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                      | F*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*MC-16LX F*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*MC-16LX                      | Connectivity                   | CANbus, EBI/EMI, I <sup>2</sup> C, LINbus, SCI, UART/USART                                             |
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| RELATED PRODUCTS                                                                   |                                                                             |                                      |     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|--------------------------------------|-----|
|  | Part#: MB90349CAPF-G-119<br>Description: IC MCU 16BIT 256KB MROM 100QFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90349CAPF-G-156<br>Description: IC MCU 16BIT 256KB MROM 100QFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90349CASPFBV-G-167<br>Description: IC MCU 16BIT 256KB MROM 100LQFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90349CAPF-G-155<br>Description: IC MCU 16BIT 256KB MROM 100QFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90349ASPMCGS-655E1<br>Description: IC MCU 16BIT 256KB MROM 100LQFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90349CAPF-G-139<br>Description: IC MCU 16BIT 256KB MROM 100QFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90349CAPF-GS-477E1<br>Description: IC MCU 16BIT 256KB MROM 100QFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90349CAPQC-GS-347E2<br>Description: IC MCU 16BIT 256KB MROM 100QFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90349CAPF-G-119E1<br>Description: IC MCU 16BIT 256KB MROM 100QFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90349ASPMCGS-783E1<br>Description: IC MCU 16BIT 256KB MROM 100LQFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90349CAPF-G-140<br>Description: IC MCU 16BIT 256KB MROM 100QFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90349CAPF-G-155E1<br>Description: IC MCU 16BIT 256KB MROM 100QFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90349CAPF-G-195<br>Description: IC MCU 16BIT 256KB MROM 100QFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90349CAPF-G-176<br>Description: IC MCU 16BIT 256KB MROM 100QFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90349CASPFBV-G-130<br>Description: IC MCU 16BIT 256KB MROM 100LQFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90349CAPF-G-154<br>Description: IC MCU 16BIT 256KB MROM 100QFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90349CAPF-G-120<br>Description: IC MCU 16BIT 256KB MROM 100QFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90349CAPF-G-124<br>Description: IC MCU 16BIT 256KB MROM 100QFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90349ASPMCGS-762E1<br>Description: IC MCU 16BIT 256KB MROM 100LQFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90349CAPF-G-125<br>Description: IC MCU 16BIT 256KB MROM 100QFP     | Manufacturers: Cypress Semiconductor | RFQ |

|                                           |                                                |                              |                           |
|-------------------------------------------|------------------------------------------------|------------------------------|---------------------------|
| Related keywords for MB90349CAPF-G-140E1  |                                                |                              |                           |
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