



Cypress Semiconductor

### MB90922NCSPMC-GS-166E1

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|----------------------|--|
| Part Number:         | MB90922NCSPMC-GS-166E1                     |
| Manufacturer/Brand:  | Cypress Semiconductor                      |
| Product description: | IC MCU 16BIT 256KB MROM 120LQFP            |
| Datasheets:          | <a href="#">MB90922NCSPMC-GS-166E1.pdf</a> |
| RoHS Status:         | Lead free / RoHS Compliant                 |
| Stock Condition:     | 5744 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 MB90922NCSPMC-GS-166E1

|                                  |  |
|----------------------------------|--|
| PART NUMBER                      | MB90922NCSPMC-GS-166E1   |
| MANUFACTURER                     | Cypress Semiconductor  |
| DESCRIPTION                      | IC MCU 16BIT 256KB MROM 120LQFP  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant   |
| QUANTITY AVAILABLE               | 5744 pcs   |
| DATA SHEET                       | <a href="#">MB90922NCSPMC-GS-166E1.pdf</a>   |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4 V ~ 5.5 V  |
| SUPPLIER DEVICE PACKAGE          | 120-LQFP (16x16)   |
| SPEED                            | 32MHz  |
| SERIES                           | F <sup>2</sup> MC-16LX MB90920   |
| RAM SIZE                         | 10K x 8  |
| PROGRAM MEMORY TYPE              | Mask ROM   |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)   |
| PERIPHERALS                      | LCD, LVD, POR, PWM, WDT  |
| PACKAGING                        | Tray   |
| PACKAGE / CASE                   | 120-LQFP   |
| OSCILLATOR TYPE                  | External   |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)   |
| NUMBER OF I/O                    | 93   |
| 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 MB90920 Microcontroller IC 16-Bit 32MHz 256KB (256K x 8) Mask ROM 120-LQFP (16x16) |
| DATA CONVERTERS                  | A/D 8x8/10b  |
| CORE SIZE                        | 16-Bit   |
| CORE PROCESSOR                   | F <sup>2</sup> MC-16LX   |
| CONNECTIVITY                     | CANbus, LINbus, UART/USART   |

#### Related Tags

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|--|---|--|
| Cypress Semiconductor MB90922NCSPMC-GS-166E1 | MB90922NCSPMC-GS-166E1 Distributor                | MB90922NCSPMC-GS-166E1 Supplier                  |
| MB90922NCSPMC-GS-166E1 Price                 | MB90922NCSPMC-GS-166E1 Pictures                   | MB90922NCSPMC-GS-166E1 Image                     |
| MB90922NCSPMC-GS-166E1 PDF Datasheet         | MB90922NCSPMC-GS-166E1 Download Datasheet         | MB90922NCSPMC-GS-166E1 Datasheet                 |
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| Cypress Semiconductor MB90922NCSPMC-GS-166E1 | Cypress Semiconductor Corp MB90922NCSPMC-GS-166E1 |  |

#### Related Products

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|---|---|
| <p><b>MB90922NCSPMC-GS-159E1</b><br/>                 Manufacturers: Cypress Semiconductor<br/>                 Description: IC MCU 16BIT 256KB MROM 120LQFP<br/>                 In stock: 4417 pcs<br/> <a href="#">RFQ</a></p> | <p><b>MB90922NCSPMC-GS-167E1</b><br/>                 Manufacturers: Cypress Semiconductor<br/>                 Description: IC MCU 16BIT 256KB MROM 120LQFP<br/>                 In stock: 3999 pcs<br/> <a href="#">RFQ</a></p> |
| <p><b>MB90922NCSPMC-GS-168E1</b><br/>                 Manufacturers: Cypress Semiconductor<br/>                 Description: IC MCU 16BIT 256KB MROM 120LQFP<br/>                 In stock: 6941 pcs<br/> <a href="#">RFQ</a></p> | <p><b>MB90922NCSPMC-GS-171E1</b><br/>                 Manufacturers: Cypress Semiconductor<br/>                 Description: IC MCU 16BIT 256KB MROM 120LQFP<br/>                 In stock: 6479 pcs<br/> <a href="#">RFQ</a></p> |
| <p><b>MB90922NCSPMC-GS-163E1</b><br/>                 Manufacturers: Cypress Semiconductor<br/>                 Description: IC MCU 16BIT 256KB MROM 120LQFP<br/>                 In stock: 6077 pcs<br/> <a href="#">RFQ</a></p> | <p><b>MB90922NCSPMC-GS-162E1</b><br/>                 Manufacturers: Cypress Semiconductor<br/>                 Description: IC MCU 16BIT 256KB MROM 120LQFP<br/>                 In stock: 5569 pcs<br/> <a href="#">RFQ</a></p> |
| <p><b>MB90922NCSPMC-GS-161E1</b><br/>                 Manufacturers: Cypress Semiconductor<br/>                 Description: IC MCU 16BIT 256KB MROM 120LQFP<br/>                 In stock: 5570 pcs<br/> <a href="#">RFQ</a></p> | <p><b>MB90922NCSPMC-GS-160E1</b><br/>                 Manufacturers: Cypress Semiconductor<br/>                 Description: IC MCU 16BIT 256KB MROM 120LQFP<br/>                 In stock: 7007 pcs<br/> <a href="#">RFQ</a></p> |
| <p><b>MB90922NCSPMC-GS-169E1</b><br/>                 Manufacturers: Cypress Semiconductor<br/>                 Description: IC MCU 16BIT 256KB MROM 120LQFP<br/>                 In stock: 5590 pcs<br/> <a href="#">RFQ</a></p> | <p><b>MB90922NCSPMC-GS-170E1</b><br/>                 Manufacturers: Cypress Semiconductor<br/>                 Description: IC MCU 16BIT 256KB MROM 120LQFP<br/>                 In stock: 3333 pcs<br/> <a href="#">RFQ</a></p> |
| <p><b>MB90922NCSPMC-GS-164E1</b><br/>                 Manufacturers: Cypress Semiconductor<br/>                 Description: IC MCU 16BIT 256KB MROM 120LQFP<br/>                 In stock: 6326 pcs<br/> <a href="#">RFQ</a></p> | <p><b>MB90922NCSPMC-GS-172E1</b><br/>                 Manufacturers: Cypress Semiconductor<br/>                 Description: IC MCU 16BIT 256KB MROM 120LQFP<br/>                 In stock: 2897 pcs<br/> <a href="#">RFQ</a></p> |