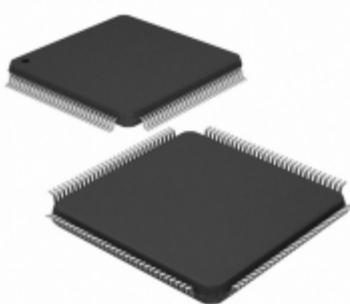


MB90922NCSPMC-GS-115E1





Part Number:

MB90922NCSPMC-GS-115E1

Manufacturer:

Cypress Semiconductor

Description:

IC MCU 16BIT 256KB MROM 120LQFP

Data sheet:

 [MB90920 Series](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

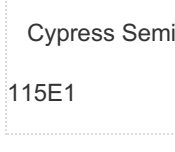
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                           |                                |                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|--------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | MB90922NCSPMC-GS-115E1                    | Manufacturer                   | <a href="#">Cypress Semiconductor</a>                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | IC MCU 16BIT 256KB MROM 120LQFP           | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 14910 pcs                                 | Data sheet                     | <a href="#">MB90920 Series</a>                                                                         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 4 V ~ 5.5 V                                                                                            |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 120-LQFP (16x16)                          | Speed                          | 32MHz                                                                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | F*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*MC-16LX F*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*MC-16LX                                 | Connectivity                   | CANbus, LINbus, UART/USART                                                                             |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Cypress Semiconductor series electronic components. We have 14910 pieces of Cypress Semiconductor MB90922NCSPMC-GS-115E1 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                |                                                                                                        |

| RELATED PRODUCTS                                                                   |                                                                                               |                                                      |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------|----------------|
|  | Part#: <a href="#">MB90922NCSPMC-GS-112E1</a><br>Description: IC MCU 16BIT 256KB MROM 120LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90922NASPMC-GS-116E1</a><br>Description: IC MCU 16BIT 256KB MROM 120LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90922NCSPMC-GS-128E1</a><br>Description: IC MCU 16BIT 256KB MROM 120LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90922NCSPMC-GS-126E1</a><br>Description: IC MCU 16BIT 256KB MROM 120LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90922NCSPMC-G-003E1</a><br>Description: IC MCU 16BIT 256KB MROM 120LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90922NASPMC-GS-120E1</a><br>Description: IC MCU 16BIT 256KB MROM 120LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90922NASPMC-GS-121E1</a><br>Description: IC MCU 16BIT 256KB MROM 120LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90922NCSPMC-GS-111E1</a><br>Description: IC MCU 16BIT 256KB MROM 120LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90922NCSPMC-GS-122E1</a><br>Description: IC MCU 16BIT 256KB MROM 120LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90922NCSPMC-GS-114E1</a><br>Description: IC MCU 16BIT 256KB MROM 120LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90922NCSPMC-GS-124E1</a><br>Description: IC MCU 16BIT 256KB MROM 120LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90922NCSPMC-GS-127E1</a><br>Description: IC MCU 16BIT 256KB MROM 120LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90922NASPMC-GS-119E1</a><br>Description: IC MCU 16BIT 256KB MROM 120LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90922NASPMC-GS-123E1</a><br>Description: IC MCU 16BIT 256KB MROM 120LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90922NCSPMC-GS-129E1</a><br>Description: IC MCU 16BIT 256KB MROM 120LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90922NCSPMC-GS-130E1</a><br>Description: IC MCU 16BIT 256KB MROM 120LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90922NCSPMC-GS-118E1</a><br>Description: IC MCU 16BIT 256KB MROM 120LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90922NCSPMC-GS-125E1</a><br>Description: IC MCU 16BIT 256KB MROM 120LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90922NCSPMC-GS-117E1</a><br>Description: IC MCU 16BIT 256KB MROM 120LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90922NCPMC-GS-165E1</a><br>Description: IC MCU 16BIT 256KB MROM 120LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |

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