

MB90922NCSPMC-GS-205E1





Part Number:

MB90922NCSPMC-GS-205E1

Manufacturer:

Cypress Semiconductor

Description:

IC MCU 16BIT 256KB MROM 120LQFP

Data sheet:

 [MB90920 Series](#)

RoHs Status:

Lead free / RoHS Compliant

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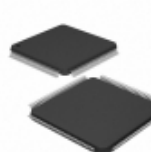
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                           |                                  |                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | MB90922NCSPMC-GS-205E1                    | Manufacturer                     | <a href="#">Cypress Semiconductor</a>                                                                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | IC MCU 16BIT 256KB MROM 120LQFP           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 20134 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 <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                                  | Other Names                      | CY90922NCSPMC-GS-205E1                                                                                                           |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                | External                                  | Operating Temperature            | -40°C ~ 105°C (TA)                                                                                                               |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 93                                        | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                                    |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                | 17 Weeks                                  | 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                                                                                                       |
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| RELATED PRODUCTS                                                                   |                                               |                                                      |     |
|------------------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------------------|-----|
|  | Part#: <a href="#">MB90922NCSPMC-GS-214E1</a> | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT 256KB MROM 120LQFP  |                                                      |     |
|  | Part#: <a href="#">MB90922NCSPMC-GS-207E1</a> | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT 256KB MROM 120LQFP  |                                                      |     |
|  | Part#: <a href="#">MB90922NCSPMC-GS-209E1</a> | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT 256KB MROM 120LQFP  |                                                      |     |
|  | Part#: <a href="#">MB90922NCSPMC-GS-210E1</a> | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT 256KB MROM 120LQFP  |                                                      |     |
|  | Part#: <a href="#">MB90922NCSPMC-GS-197E1</a> | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT 256KB MROM 120LQFP  |                                                      |     |
|  | Part#: <a href="#">MB90922NCSPMC-GS-208E1</a> | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT 256KB MROM 120LQFP  |                                                      |     |
|  | Part#: <a href="#">MB90922NCSPMC-GS-200E1</a> | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT 256KB MROM 120LQFP  |                                                      |     |
|  | Part#: <a href="#">MB90922NCSPMC-GS-212E1</a> | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT 256KB MROM 120LQFP  |                                                      |     |
|  | Part#: <a href="#">MB90922NCSPMC-GS-211E1</a> | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT 256KB MROM 120LQFP  |                                                      |     |
|  | Part#: <a href="#">MB90922NCSPMC-GS-213E1</a> | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT 256KB MROM 120LQFP  |                                                      |     |
|  | Part#: <a href="#">MB90922NCSPMC-GS-201E1</a> | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT 256KB MROM 120LQFP  |                                                      |     |
|  | Part#: <a href="#">MB90922NCSPMC-GS-195E1</a> | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT 256KB MROM 120LQFP  |                                                      |     |
|  | Part#: <a href="#">MB90922NCSPMC-GS-203E1</a> | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT 256KB MROM 120LQFP  |                                                      |     |
|  | Part#: <a href="#">MB90922NCSPMC-GS-199E1</a> | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT 256KB MROM 120LQFP  |                                                      |     |
|  | Part#: <a href="#">MB90922NCSPMC-GS-198E1</a> | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT 256KB MROM 120LQFP  |                                                      |     |
|  | Part#: <a href="#">MB90922NCSPMC-GS-206E1</a> | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT 256KB MROM 120LQFP  |                                                      |     |
|  | Part#: <a href="#">MB90922NCSPMC-GS-202E1</a> | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT 256KB MROM 120LQFP  |                                                      |     |
|  | Part#: <a href="#">MB90922NCSPMC-GS-196E1</a> | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT 256KB MROM 120LQFP  |                                                      |     |
|  | Part#: <a href="#">MB90922NCSPMC-GS-215E1</a> | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT 256KB MROM 120LQFP  |                                                      |     |
|  | Part#: <a href="#">MB90922NCSPMC-GS-204E1</a> | Manufacturers: <a href="#">Cypress Semiconductor</a> | RFQ |
|                                                                                    | Description: IC MCU 16BIT 256KB MROM 120LQFP  |                                                      |     |

Related keywords for MB90922NCSPMC-GS-205E1

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