



Cypress Semiconductor



MB90922NCSPMC-GS-187E1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90922NCSPMC-GS-187E1                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 256KB MROM 120LQFP                                                                              |
| Datasheets:         |  MB90922NCSPMC-GS-187E1.pdf |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5331 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

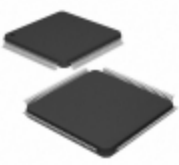
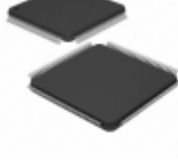
Specifications of MB90922NCSPMC-GS-187E1

|                                  |                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90922NCSPMC-GS-187E1                                                                                                           |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                            |
| DESCRIPTION                      | IC MCU 16BIT 256KB MROM 120LQFP                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                       |
| QUANTITY AVAILABLE               | 5331 pcs                                                                                                                         |
| DATA SHEET                       |  MB90922NCSPMC-GS-187E1.pdf                   |
| 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

|                                              |                                                   |                                                  |
|----------------------------------------------|---------------------------------------------------|--------------------------------------------------|
| Cypress Semiconductor MB90922NCSPMC-GS-187E1 | MB90922NCSPMC-GS-187E1 Distributor                | MB90922NCSPMC-GS-187E1 Supplier                  |
| MB90922NCSPMC-GS-187E1 Price                 | MB90922NCSPMC-GS-187E1 Pictures                   | MB90922NCSPMC-GS-187E1 Image                     |
| MB90922NCSPMC-GS-187E1 PDF Datasheet         | MB90922NCSPMC-GS-187E1 Download Datasheet         | MB90922NCSPMC-GS-187E1 Datasheet                 |
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| Cypress Semiconductor MB90922NCSPMC-GS-187E1 | Cypress Semiconductor Supplier                    | Cypress Semiconductor Distributor                |
| Cypress Semiconductor MB90922NCSPMC-GS-187E1 | Cypress Semiconductor Corp MB90922NCSPMC-GS-187E1 |                                                  |

Related Products

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| <div></div> <div><b>MB90922NCSPMC-GS-185E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 120LQFP<br/>In stock: 6505 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>MB90922NCSPMC-GS-190E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 120LQFP<br/>In stock: 4534 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MB90922NCSPMC-GS-188E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 120LQFP<br/>In stock: 6098 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>MB90922NCSPMC-GS-189E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 120LQFP<br/>In stock: 15057 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MB90922NCSPMC-GS-183E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 120LQFP<br/>In stock: 4549 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>MB90922NCSPMC-GS-193E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 120LQFP<br/>In stock: 5497 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MB90922NCSPMC-GS-181E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 120LQFP<br/>In stock: 4008 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>MB90922NCSPMC-GS-182E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 120LQFP<br/>In stock: 4715 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MB90922NCSPMC-GS-192E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 120LQFP<br/>In stock: 6844 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>MB90922NCSPMC-GS-191E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 120LQFP<br/>In stock: 4961 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MB90922NCSPMC-GS-186E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 120LQFP<br/>In stock: 14983 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MB90922NCSPMC-GS-184E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 120LQFP<br/>In stock: 14537 pcs<br/><div>RFQ</div></div> |