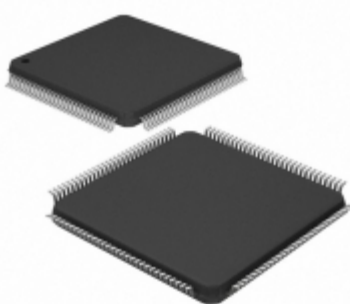


MB90522BPFV-GS-157



Images are for reference only.  
See Product Specifications for product details.  
Buy MB90522BPFV-GS-157 with confidence from  
Component-World.HK, 1 Year Warranty



**Part Number:** [MB90522BPFV-GS-157](#)

**Manufacturer:** [Cypress Semiconductor](#)

**Description:** IC MCU 16BIT 64KB MROM 120QFP

**Data sheet:**

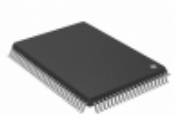
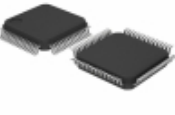
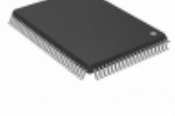
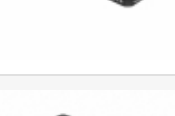
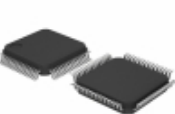
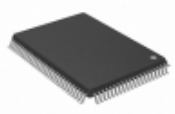
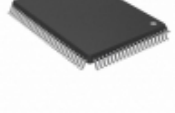
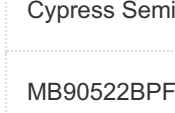
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                |                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                               | MB90522BPFV-GS-157                        | Manufacturer                   | <a href="#">Cypress Semiconductor</a>                                                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 16BIT 64KB MROM 120QFP             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 6461 pcs                                  | Data sheet                     |                                                                                                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 2.7 V ~ 5.5 V                                                                                        |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 120-QFP (20x20)                           | Speed                          | 16MHz                                                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | F*MC-16LX MB90520B                        | RAM Size                       | 4K x 8                                                                                               |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Mask ROM                                  | Program Memory Size            | 64KB (64K x 8)                                                                                       |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                               | LCD, POR, WDT                             | Packaging                      | Tray                                                                                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 120-BQFP                                  | Oscillator Type                | External                                                                                             |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 85°C (TA)                         | Number of I/O                  | 85                                                                                                   |
| 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 MB90520B Microcontroller IC 16-Bit 16MHz 64KB (64K x 8) Mask ROM 120-QFP (20x20) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A/D 8x8/10b, D/A 2x8b                     | Core Size                      | 16-Bit                                                                                               |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                            | F*MC-16LX                                 | Connectivity                   | SCI, Serial I/O, UART/USART                                                                          |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Cypress Semiconductor series electronic components. We have 6461 pieces of Cypress Semiconductor MB90522BPFV-GS-157 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="#">MB90543GSPFR-G-103E1</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90497GPMC3-GS-237E1</a><br>Description: IC MCU 16BIT 64KB MROM 64LQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90543GPF-G-113E1</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90522BPFV-GS-151-BND</a><br>Description: IC MCU 16BIT 64KB MROM 120QFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90522BPFV-GS-143-BND</a><br>Description: IC MCU 16BIT 64KB MROM 120QFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90543GSPFR-G-103-JNE1</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90497GPMC3-GS-245E1</a><br>Description: IC MCU 16BIT 64KB MROM 64LQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90522BPFV-G-141-BND</a><br>Description: IC MCU 16BIT 64KB MROM 120QFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90543GSPFR-G-104E1</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90497GPMC3-GS-254E1</a><br>Description: IC MCU 16BIT 64KB MROM 64LQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90523BPFV-G-159</a><br>Description: IC MCU 16BIT 64KB MROM 120QFP        | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90522BPFV-GS-168</a><br>Description: IC MCU 16BIT 64KB MROM 120QFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90523BPMC1-G-188E1</a><br>Description: IC MCU 16BIT 128KB MROM 120LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90497GPMC3-GS-235E1</a><br>Description: IC MCU 16BIT 64KB MROM 64LQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90543GSPFR-G-106E1</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90522BPFV-G-137-BND</a><br>Description: IC MCU 16BIT 64KB MROM 120QFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90543GSPFR-G-108E1</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90497GPMC3-GS-233E1</a><br>Description: IC MCU 16BIT 64KB MROM 64LQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90523BPMC1-G-191E1</a><br>Description: IC MCU 16BIT 128KB MROM 120LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MB90497GPMC3-GS-234E1</a><br>Description: IC MCU 16BIT 64KB MROM 64LQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |

|                                                |                                               |                             |                          |
|------------------------------------------------|-----------------------------------------------|-----------------------------|--------------------------|
| Related keywords for <b>MB90522BPFV-GS-157</b> |                                               |                             |                          |
| Cypress Semiconductor MB90522BPFV-GS-157       | MB90522BPFV-GS-157 distributor                | MB90522BPFV-GS-157 supplier | MB90522BPFV-GS-157 price |
| MB90522BPFV-GS-157 download datasheet          | MB90522BPFV-GS-157 datasheet                  | MB90522BPFV-GS-157 stock    | buy MB90522BPFV-GS-157   |
| Cypress Semiconductor MB90522BPFV-GS-157       | Cypress Semiconductor Corp MB90522BPFV-GS-157 |                             |                          |