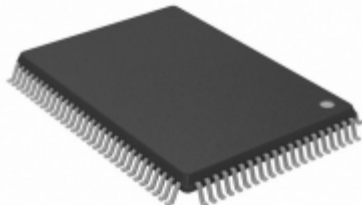


MB90423GAVPF-GS-351E1



Part Number: [MB90423GAVPF-GS-351E1](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 16BIT 128KB MROM 100QFP

Data sheet:

RoHs Status: Lead free / RoHS Compliant

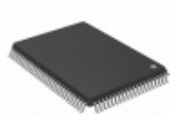
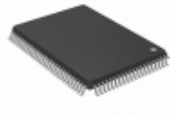
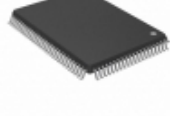
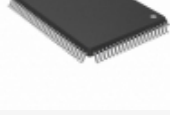
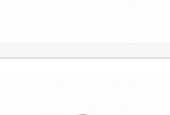
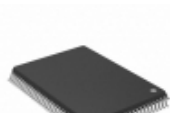
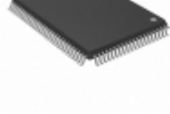
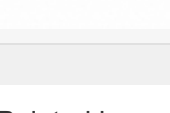
Ship From: Hong Kong

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

Images are for reference only.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                           |                                |                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | MB90423GAVPF-GS-351E1                     | Manufacturer                   | <a href="#">Cypress Semiconductor</a>                                                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC MCU 16BIT 128KB MROM 100QFP            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 5975 pcs                                  | Data sheet                     |                                                                                                             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 4.5 V ~ 5.5 V                                                                                               |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 100-PQFP (20x14)                          | Speed                          | 16MHz                                                                                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | F*MC-16LX MB90420G (A)                    | RAM Size                       | 6K x 8                                                                                                      |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Mask ROM                                  | Program Memory Size            | 128KB (128K x 8)                                                                                            |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | LCD, LVD, POR, PWM, WDT                   | Packaging                      | Tray                                                                                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 100-BQFP                                  | Oscillator Type                | External                                                                                                    |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -40°C ~ 105°C (TA)                        | Number of I/O                  | 58                                                                                                          |
| 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 MB90420G (A) Microcontroller IC 16-Bit 16MHz 128KB (128K x 8) Mask ROM 100-PQFP (20x14) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                              | A/D 8x8/10b                               | Core Size                      | 16-Bit                                                                                                      |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                               | F*MC-16LX                                 | Connectivity                   | CANbus, UART/USART                                                                                          |
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| RELATED PRODUCTS                                                                   |                                                                                               |                                                      |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------|----------------|
|  | Part#: <a href="#">MB90423GAVPF-GS-360E1</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90423GAVPF-GS-303</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90423GAVPF-GS-320</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90423GAVPF-GS-339</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90423GAVPF-GS-360</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90423GAVPF-GS-338E1</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90423GAVPF-GS-354</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90423GAVPF-GS-365</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90423GAVPF-GS-351</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90423GAVPF-GS-365E1</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90423GAVPF-GS-326</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90423GAVPF-GS-352</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90423GAVPF-GS-340E1</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90423GAZPFV-GS-227E1</a><br>Description: IC MCU 16BIT 128KB MROM 100LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90423GAVPF-GS-338</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90423GAVPF-GS-352E1</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90423GAVPF-GS-313</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90423GAVPF-GS-364</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90423GAVPF-GS-364E1</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90423GAVPF-GS-340</a><br>Description: IC MCU 16BIT 128KB MROM 100QFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |

|                                                   |                                             |                                                  |                             |
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