

MB90427GAVPF-GS-299



**Part Number:** MB90427GAVPF-GS-299

**Manufacturer:** Cypress Semiconductor

**Description:** IC MCU 16BIT 64KB MROM 100QFP

**Data sheet:**

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

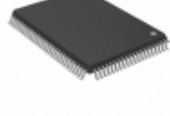
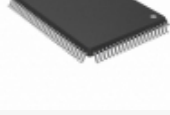
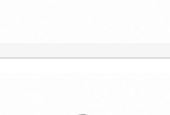
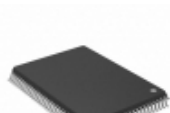
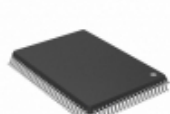
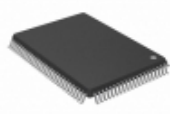
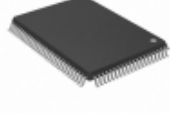
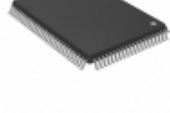
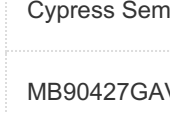
**Ship From:** Hong Kong

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

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                           |                               |                                |                                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                 | MB90427GAVPF-GS-299           | Manufacturer                   | Cypress Semiconductor                                                                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                 | IC MCU 16BIT 64KB MROM 100QFP | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                          | 6294 pcs                      | Data sheet                     |                                                                                                           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                    | Integrated Circuits (ICs)     | Voltage - Supply (Vcc/Vdd)     | 4.5 V ~ 5.5 V                                                                                             |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                     | 100-PQFP (20x14)              | Speed                          | 16MHz                                                                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                      | F*MC-16LX MB90425G (A)        | RAM Size                       | 4K x 8                                                                                                    |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                         | Mask ROM                      | Program Memory Size            | 64KB (64K 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 MB90425G (A) Microcontroller IC 16-Bit 16MHz 64KB (64K 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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|------------------------------------------------------------------------------------|----------------------------------------------------------------------------|--------------------------------------|-----|
|  | Part#: MB90427GAVPF-GS-331<br>Description: IC MCU 16BIT 64KB MROM 100QFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90427GAVPF-GS-267<br>Description: IC MCU 16BIT 64KB MROM 100QFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90427GAVPF-GS-208<br>Description: IC MCU 16BIT 64KB MROM 100QFP   | Manufacturers: Cypress Semiconductor | RFQ |
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|  | Part#: MB90427GAVPF-GS-307E1<br>Description: IC MCU 16BIT 64KB MROM 100QFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90427GAVPF-GS-297<br>Description: IC MCU 16BIT 64KB MROM 100QFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90427GAVPF-GS-321<br>Description: IC MCU 16BIT 64KB MROM 100QFP   | Manufacturers: Cypress Semiconductor | RFQ |
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|  | Part#: MB90427GAVPF-G-516<br>Description: IC MCU 16BIT 64KB MROM 100QFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90427GAVPF-G-523<br>Description: IC MCU 16BIT 64KB MROM 100QFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90427GAVPF-GS-332<br>Description: IC MCU 16BIT 64KB MROM 100QFP   | Manufacturers: Cypress Semiconductor | RFQ |
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|  | Part#: MB90427GAVPF-GS-259E1<br>Description: IC MCU 16BIT 64KB MROM 100QFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90427GAVPF-GS-213<br>Description: IC MCU 16BIT 64KB MROM 100QFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90427GAVPF-GS-319<br>Description: IC MCU 16BIT 64KB MROM 100QFP   | Manufacturers: Cypress Semiconductor | RFQ |
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Related keywords for MB90427GAVPF-GS-299

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