



Cypress Semiconductor



Image may be representation. See specifications for product details.

MB90427GAVPF-GS-319

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90427GAVPF-GS-319                                                                                          |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 64KB MROM 100QFP                                                                                |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 7297 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

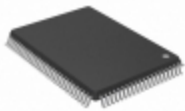
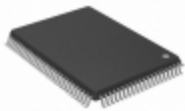
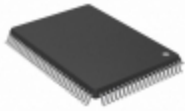
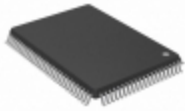
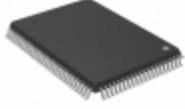
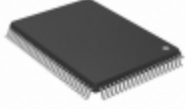
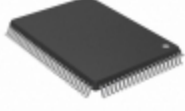
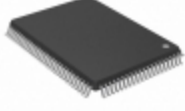
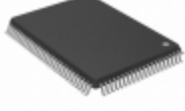
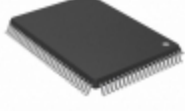
Specifications of MB90427GAVPF-GS-319

|                                  |                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90427GAVPF-GS-319                                                                                                                 |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                               |
| DESCRIPTION                      | IC MCU 16BIT 64KB MROM 100QFP                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                          |
| QUANTITY AVAILABLE               | 7297 pcs                                                                                                                            |
| DATA SHEET                       |                                                                                                                                     |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 V ~ 5.5 V                                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 100-PQFP (20x14)                                                                                                                    |
| SPEED                            | 16MHz                                                                                                                               |
| SERIES                           | F <sup>2</sup> 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 <sup>2</sup> MC-16LX F <sup>2</sup> 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 <sup>2</sup> MC-16LX                                                                                                              |
| CONNECTIVITY                     | CANbus, UART/USART                                                                                                                  |

Related Tags

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| Cypress Semiconductor MB90427GAVPF-GS-319 | MB90427GAVPF-GS-319 Distributor                | MB90427GAVPF-GS-319 Supplier                  |
| MB90427GAVPF-GS-319 Price                 | MB90427GAVPF-GS-319 Pictures                   | MB90427GAVPF-GS-319 Image                     |
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Related Products

|                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                     |
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|  <div><b>MB90427GAVPF-GS-332</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 100QFP<br/>In stock: 5852 pcs<br/><a href="#">RFQ</a></div>    |  <div><b>MB90427GAVPF-GS-299</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 100QFP<br/>In stock: 5606 pcs<br/><a href="#">RFQ</a></div>    |
|  <div><b>MB90427GAVPF-GS-304</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 100QFP<br/>In stock: 6877 pcs<br/><a href="#">RFQ</a></div>    |  <div><b>MB90427GAVPF-GS-331</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 100QFP<br/>In stock: 7268 pcs<br/><a href="#">RFQ</a></div>    |
|  <div><b>MB90427GAVPF-GS-307E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 100QFP<br/>In stock: 14053 pcs<br/><a href="#">RFQ</a></div> |  <div><b>MB90427GAVPF-GS-319E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 100QFP<br/>In stock: 10671 pcs<br/><a href="#">RFQ</a></div> |
|  <div><b>MB90427GAVPF-GS-332E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 100QFP<br/>In stock: 5511 pcs<br/><a href="#">RFQ</a></div>  |  <div><b>MB90427GAVPF-GS-342</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 100QFP<br/>In stock: 5872 pcs<br/><a href="#">RFQ</a></div>    |
|  <div><b>MB90427GAVPF-GS-309</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 100QFP<br/>In stock: 6774 pcs<br/><a href="#">RFQ</a></div>    |  <div><b>MB90427GAVPF-GS-299E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 100QFP<br/>In stock: 6025 pcs<br/><a href="#">RFQ</a></div>  |
|  <div><b>MB90427GAVPF-GS-321</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 100QFP<br/>In stock: 6434 pcs<br/><a href="#">RFQ</a></div>    |  <div><b>MB90427GAVPF-GS-307</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM 100QFP<br/>In stock: 6422 pcs<br/><a href="#">RFQ</a></div>    |