

MB90427GAVPF-GS-299E1





Part Number:

MB90427GAVPF-GS-299E1

Manufacturer:

Cypress Semiconductor

Description:

IC MCU 16BIT 64KB MROM 100QFP

Data sheet:

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

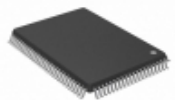
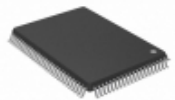
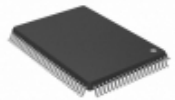
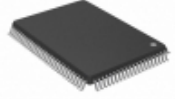
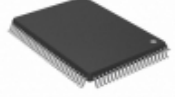
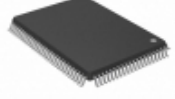
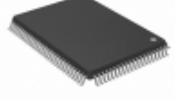
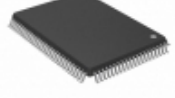
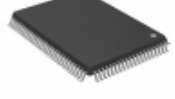
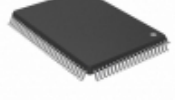
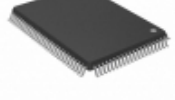
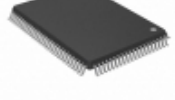
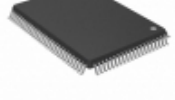
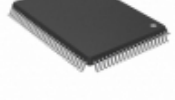
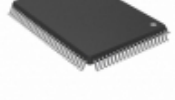
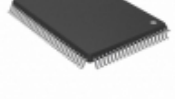
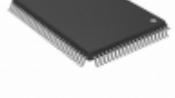
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                             |                                     |                                  |                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                   | MB90427GAVPF-GS-299E1               | Manufacturer                     | Cypress Semiconductor                                                                                                               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                   | IC MCU 16BIT 64KB MROM 100QFP       | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                            | 6068 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 <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                            | Other Names                      | CY90427GAVPF-GS-299E1                                                                                                               |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                               | External                            | Operating Temperature            | -40°C ~ 105°C (TA)                                                                                                                  |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                 | 58                                  | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                                       |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                               | 17 Weeks                            | 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                                                                                                                  |
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|  | Part#: MB90427GAVPF-GS-259E1<br>Description: IC MCU 16BIT 64KB MROM 100QFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90427GAVPF-G-533<br>Description: IC MCU 16BIT 64KB MROM 100QFP    | Manufacturers: Cypress Semiconductor | RFQ |
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|  | Part#: MB90427GAVPF-GS-304<br>Description: IC MCU 16BIT 64KB MROM 100QFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90427GAVPF-GS-332E1<br>Description: IC MCU 16BIT 64KB MROM 100QFP | Manufacturers: Cypress Semiconductor | RFQ |
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