



Cypress Semiconductor



MB90428GAVPMC-GS-323E1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90428GAVPMC-GS-323E1                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 128KB MROM 100LQFP                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6530 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MB90428GAVPMC-GS-323E1

|                                  |                                                                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90428GAVPMC-GS-323E1                                                                                                                |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                                 |
| DESCRIPTION                      | IC MCU 16BIT 128KB MROM 100LQFP                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                            |
| QUANTITY AVAILABLE               | 6530 pcs                                                                                                                              |
| DATA SHEET                       |                                                                                                                                       |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 V ~ 5.5 V                                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                                                                      |
| SPEED                            | 16MHz                                                                                                                                 |
| SERIES                           | F <sup>2</sup> MC-16LX MB90425G (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-LQFP                                                                                                                              |
| 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 128KB (128K x 8) Mask ROM 100-LQFP (14x14) |
| DATA CONVERTERS                  | A/D 8x8/10b                                                                                                                           |
| CORE SIZE                        | 16-Bit                                                                                                                                |
| CORE PROCESSOR                   | F <sup>2</sup> MC-16LX                                                                                                                |
| CONNECTIVITY                     | CANbus, UART/USART                                                                                                                    |

Related Tags

|                                              |                                                   |                                                  |
|----------------------------------------------|---------------------------------------------------|--------------------------------------------------|
| Cypress Semiconductor MB90428GAVPMC-GS-323E1 | MB90428GAVPMC-GS-323E1 Distributor                | MB90428GAVPMC-GS-323E1 Supplier                  |
| MB90428GAVPMC-GS-323E1 Price                 | MB90428GAVPMC-GS-323E1 Pictures                   | MB90428GAVPMC-GS-323E1 Image                     |
| MB90428GAVPMC-GS-323E1 PDF Datasheet         | MB90428GAVPMC-GS-323E1 Download Datasheet         | MB90428GAVPMC-GS-323E1 Datasheet                 |
| MB90428GAVPMC-GS-323E1 Stock                 | Buy MB90428GAVPMC-GS-323E1                        | Buy Cypress Semiconductor MB90428GAVPMC-GS-323E1 |
| Cypress Semiconductor MB90428GAVPMC-GS-323E1 | Cypress Semiconductor Supplier                    | Cypress Semiconductor Distributor                |
| Cypress Semiconductor MB90428GAVPMC-GS-323E1 | Cypress Semiconductor Corp MB90428GAVPMC-GS-323E1 |                                                  |

Related Products

|                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                       |
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|  <div><b>MB90428GAVPMC-GS-311E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 6380 pcs<br/>RFQ</div> |  <div><b>MB90428GAVPMC-GS-310E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 2772 pcs<br/>RFQ</div> |
|  <div><b>MB90428GAVPMC-GS-336E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 6992 pcs<br/>RFQ</div> |  <div><b>MB90428GAVPMC-GS-348E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 4012 pcs<br/>RFQ</div> |
|  <div><b>MB90428GAVPMC-GS-337E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 5227 pcs<br/>RFQ</div> |  <div><b>MB90428GAVPMC-GS-287E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 2775 pcs<br/>RFQ</div> |
|  <div><b>MB90428GAVPMC-GS-289E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 3070 pcs<br/>RFQ</div> |  <div><b>MB90428GAVPMC-GS-312E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 5036 pcs<br/>RFQ</div> |
|  <div><b>MB90428GAVPMC-GS-350E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 3223 pcs<br/>RFQ</div> |  <div><b>MB90428GAVPFV-GS-278E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 4205 pcs<br/>RFQ</div> |
|  <div><b>MB90428GAVPMC-GS-325E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 4014 pcs<br/>RFQ</div> |  <div><b>MB90428GAVPMC-GS-334E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 5084 pcs<br/>RFQ</div> |