



Cypress Semiconductor



MB90428GCPFV-GS-189

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90428GCPFV-GS-189                                                                                          |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 128KB MROM 100LQFP                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 7157 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of MB90428GCPFV-GS-189

|                                  |                                                                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90428GCPFV-GS-189                                                                                                                   |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                                 |
| DESCRIPTION                      | IC MCU 16BIT 128KB MROM 100LQFP                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                            |
| QUANTITY AVAILABLE               | 7157 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, 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 MB90428GCPFV-GS-189 | MB90428GCPFV-GS-189 Distributor                | MB90428GCPFV-GS-189 Supplier                  |
| MB90428GCPFV-GS-189 Price                 | MB90428GCPFV-GS-189 Pictures                   | MB90428GCPFV-GS-189 Image                     |
| MB90428GCPFV-GS-189 PDF Datasheet         | MB90428GCPFV-GS-189 Download Datasheet         | MB90428GCPFV-GS-189 Datasheet                 |
| MB90428GCPFV-GS-189 Stock                 | Buy MB90428GCPFV-GS-189                        | Buy Cypress Semiconductor MB90428GCPFV-GS-189 |
| Cypress Semiconductor MB90428GCPFV-GS-189 | Cypress Semiconductor Supplier                 | Cypress Semiconductor Distributor             |
| Cypress Semiconductor MB90428GCPFV-GS-189 | Cypress Semiconductor Corp MB90428GCPFV-GS-189 |                                               |

Related Products

|                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MB90428GCPFV-GS-219</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 5880 pcs</div> <div>RFQ</div> |  <div><b>MB90428GCPFV-GS-218</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 7245 pcs</div> <div>RFQ</div>    |
|  <div><b>MB90428GCPFV-GS-200</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 6292 pcs</div> <div>RFQ</div> |  <div><b>MB90428GCPFV-GS-183</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 6630 pcs</div> <div>RFQ</div>    |
|  <div><b>MB90428GCPFV-GS-224</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 6091 pcs</div> <div>RFQ</div> |  <div><b>MB90428GCPFV-GS-167</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 7354 pcs</div> <div>RFQ</div>    |
|  <div><b>MB90428GCPFV-GS-152</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 7320 pcs</div> <div>RFQ</div> |  <div><b>MB90428GCPFV-GS-161</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 5870 pcs</div> <div>RFQ</div>    |
|  <div><b>MB90428GCPFV-GS-201</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 6876 pcs</div> <div>RFQ</div> |  <div><b>MB90428GAVPMC-GS-358E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 4227 pcs</div> <div>RFQ</div> |
|  <div><b>MB90428GCPFV-GS-190</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 6176 pcs</div> <div>RFQ</div> |  <div><b>MB90428GCPFV-GS-182</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 7210 pcs</div> <div>RFQ</div>    |