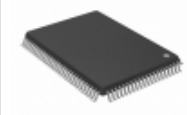
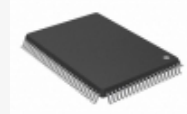
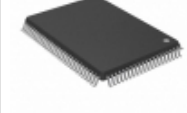
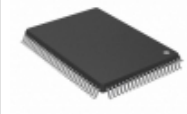
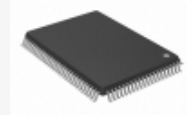
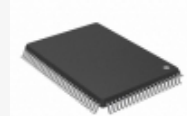
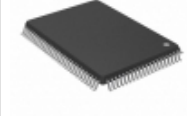
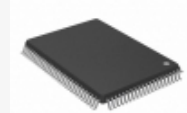


MB90F428GCPMC-GS

|                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div>                                                                          | <div><div><div>Part Number: <a href="#">MB90F428GCPMC-GS</a></div><div>Manufacturer: <a href="#">Cypress Semiconductor</a></div><div>Description: IC MCU 16BIT 128KB FLASH 100LQFP</div><div>Data sheet:</div></div><div><div>RoHs Status: Lead free / RoHS Compliant</div><div>Ship From: Hong Kong</div><div>Shipment Way: DHL/Fedex/TNT/UPS/EMS</div></div></div> |
| Images are for reference only.<br>See Product Specifications for product details.<br>Buy MB90F428GCPMC-GS with confidence from<br>Component-World.HK, 1 Year Warranty | <div>Request For Quotation</div>                                                                                                                                                                                                                                                                                                                                                                                                                      |

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                |                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                             | MB90F428GCPMC-GS                          | Manufacturer                   | <a href="#">Cypress Semiconductor</a>                                                                                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 16BIT 128KB FLASH 100LQFP          | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4327 pcs                                  | Data sheet                     |                                                                                                                                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FLASH                                     | 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) FLASH 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                                                                                                                 |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Cypress Semiconductor series electronic components. We have 4327 pieces of Cypress Semiconductor MB90F428GCPMC-GS in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                |                                                                                                                                    |

| RELATED PRODUCTS                                                                   |                                                                                              |                                                      |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------------------------|----------------|
|  | Part#: <a href="#">MB90F428GCPMC-GSE1</a><br>Description: IC MCU 16BIT 128KB FLASH 100LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F428GBPF-GE1</a><br>Description: IC MCU 16BIT 128KB FLASH 100QFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F438LSPF-GE1</a><br>Description: IC MCU 16BIT 128KB FLASH 100QFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F428GCPFV-GSE1</a><br>Description: IC MCU 16BIT 128KB FLASH 100LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F438LPMC-G</a><br>Description: IC MCU 16BIT 128KB FLASH 100LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F438LSPF-G</a><br>Description: IC MCU 16BIT 128KB FLASH 100QFP        | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F428GCPF-GSE1</a><br>Description: IC MCU 16BIT 128KB FLASH 100QFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F428GBPFR-G</a><br>Description: IC MCU 16BIT 128KB FLASH 100QFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F438LSPFR-G</a><br>Description: IC MCU 16BIT 128KB FLASH 100QFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F428GCPMC-G</a><br>Description: IC MCU 16BIT 128KB FLASH 100LQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F428GCPFV-G</a><br>Description: IC MCU 16BIT 128KB FLASH 100LQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F438LSPFR-G-FLE1</a><br>Description: IC MCU 16BIT 128KB FLASH 100QFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F438LSPFV-G-FLE1</a><br>Description: IC MCU 16BIT 128KB FLASH 100LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F428GBPF-G</a><br>Description: IC MCU 16BIT 128KB FLASH 100QFP        | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F428GBPMC-G</a><br>Description: IC MCU 16BIT 128KB FLASH 100LQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F428GCZPFV-GSE1</a><br>Description: IC MCU 16BIT 128KB FLASH 100LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F428GCPMC-GE1</a><br>Description: IC MCU 16BIT 128KB FLASH 100LQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F428GCPMC3-GSE1</a><br>Description: IC MCU 16BIT 128KB FLASH 100LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F428GCPFR-G</a><br>Description: IC MCU 16BIT 128KB FLASH 100QFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F438LSPFR-GE1</a><br>Description: IC MCU 16BIT 128KB FLASH 100QFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |

Related keywords for MB90F428GCPMC-GS

|                                        |                                             |                           |                        |
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