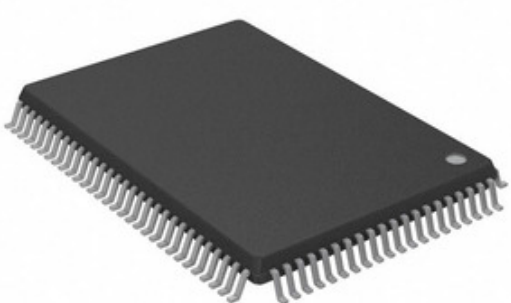




Cypress Semiconductor



MB90423GAVPF-GS-364E1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90423GAVPF-GS-364E1                                                                                        |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 128KB MROM 100QFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5863 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.

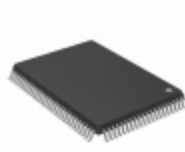
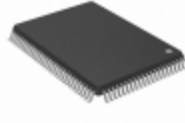
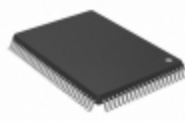
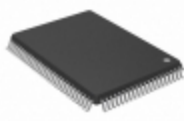
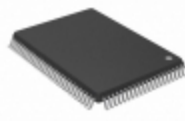
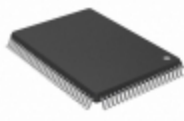
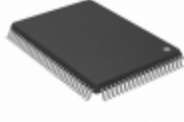
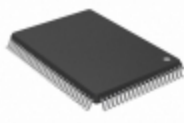
Specifications of MB90423GAVPF-GS-364E1

|                                  |                                                                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90423GAVPF-GS-364E1                                                                                                                 |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                                 |
| DESCRIPTION                      | IC MCU 16BIT 128KB MROM 100QFP                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                            |
| QUANTITY AVAILABLE               | 5863 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 MB90420G (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-BQFP                                                                                                                              |
| OTHER NAMES                      | CY90423GAVPF-GS-364E1                                                                                                                 |
| 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 MB90420G (A) Microcontroller IC 16-Bit 16MHz 128KB (128K 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

|                                             |                                                  |                                                 |
|---------------------------------------------|--------------------------------------------------|-------------------------------------------------|
| Cypress Semiconductor MB90423GAVPF-GS-364E1 | MB90423GAVPF-GS-364E1 Distributor                | MB90423GAVPF-GS-364E1 Supplier                  |
| MB90423GAVPF-GS-364E1 Price                 | MB90423GAVPF-GS-364E1 Pictures                   | MB90423GAVPF-GS-364E1 Image                     |
| MB90423GAVPF-GS-364E1 PDF Datasheet         | MB90423GAVPF-GS-364E1 Download Datasheet         | MB90423GAVPF-GS-364E1 Datasheet                 |
| MB90423GAVPF-GS-364E1 Stock                 | Buy MB90423GAVPF-GS-364E1                        | Buy Cypress Semiconductor MB90423GAVPF-GS-364E1 |
| Cypress Semiconductor MB90423GAVPF-GS-364E1 | Cypress Semiconductor Supplier                   | Cypress Semiconductor Distributor               |
| Cypress Semiconductor MB90423GAVPF-GS-364E1 | Cypress Semiconductor Corp MB90423GAVPF-GS-364E1 |                                                 |

Related Products

|                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MB90423GAVPF-GS-365</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 6663 pcs<br/>RFQ</div>     |  <div><b>MB90423GAZPFV-GS-227E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 2984 pcs<br/>RFQ</div> |
|  <div><b>MB90423GAVPF-GS-364</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 6260 pcs<br/>RFQ</div>     |  <div><b>MB90423GAZPFV-GS-238E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 4120 pcs<br/>RFQ</div> |
|  <div><b>MB90423GAVPF-GS-360E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 3510 pcs<br/>RFQ</div>   |  <div><b>MB90423GAVPF-GS-352</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 6066 pcs<br/>RFQ</div>     |
|  <div><b>MB90423GAVPF-GS-360</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 6788 pcs<br/>RFQ</div>     |  <div><b>MB90423GAVPF-GS-352E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 5429 pcs<br/>RFQ</div>   |
|  <div><b>MB90423GAZPFV-GS-279E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 5048 pcs<br/>RFQ</div> |  <div><b>MB90423GAVPF-GS-365E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 2725 pcs<br/>RFQ</div>   |
|  <div><b>MB90423GAZPFV-GS-256E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 3969 pcs<br/>RFQ</div> |  <div><b>MB90423GAVPF-GS-354</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 6195 pcs<br/>RFQ</div>     |