



Cypress Semiconductor



MB90439SPMC-G-296-BNDE1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90439SPMC-G-296-BNDE1                                                                                      |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 256KB MROM 100LQFP                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 2705 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

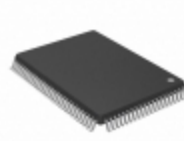
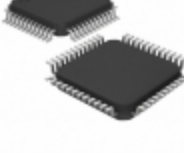
Specifications of MB90439SPMC-G-296-BNDE1

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|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90439SPMC-G-296-BNDE1                                                                                                          |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                            |
| DESCRIPTION                      | IC MCU 16BIT 256KB MROM 100LQFP                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                       |
| QUANTITY AVAILABLE               | 2705 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 MB90435                                                                                                   |
| RAM SIZE                         | 6K x 8                                                                                                                           |
| PROGRAM MEMORY TYPE              | Mask ROM                                                                                                                         |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                                                 |
| PERIPHERALS                      | POR, WDT                                                                                                                         |
| PACKAGING                        | Tray                                                                                                                             |
| PACKAGE / CASE                   | 100-LQFP                                                                                                                         |
| OSCILLATOR TYPE                  | External                                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                               |
| NUMBER OF I/O                    | 81                                                                                                                               |
| 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 MB90435 Microcontroller IC 16-Bit 16MHz 256KB (256K 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                     | EBI/EMI, SCI, Serial I/O, UART/USART                                                                                             |

Related Tags

|                                               |                                                    |                                                   |
|-----------------------------------------------|----------------------------------------------------|---------------------------------------------------|
| Cypress Semiconductor MB90439SPMC-G-296-BNDE1 | MB90439SPMC-G-296-BNDE1 Distributor                | MB90439SPMC-G-296-BNDE1 Supplier                  |
| MB90439SPMC-G-296-BNDE1 Price                 | MB90439SPMC-G-296-BNDE1 Pictures                   | MB90439SPMC-G-296-BNDE1 Image                     |
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| Cypress Semiconductor MB90439SPMC-G-296-BNDE1 | Cypress Semiconductor Corp MB90439SPMC-G-296-BNDE1 |                                                   |

Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                   |
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|  <div><b>MB90455SPMT-GS-312E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 24KB MROM 48LQFP<br/>In stock: 16040 pcs<br/><div>RFQ</div></div>     |  <div><b>MB90439SPFR-G-258-BND-ER</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100QFP<br/>In stock: 7592 pcs<br/><div>RFQ</div></div> |
|  <div><b>MB90439SPMC-G-297-BNDE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100LQFP<br/>In stock: 3122 pcs<br/><div>RFQ</div></div> |  <div><b>MB90455SPMT-GS-279E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 24KB MROM 48LQFP<br/>In stock: 6073 pcs<br/><div>RFQ</div></div>      |
|  <div><b>MB90439PFV-G-463E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100LQFP<br/>In stock: 6744 pcs<br/><div>RFQ</div></div>      |  <div><b>MB90439PMC-G-463E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100LQFP<br/>In stock: 6136 pcs<br/><div>RFQ</div></div>      |
|  <div><b>MB90455SPMT-GS-232E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 24KB MROM 48LQFP<br/>In stock: 6131 pcs<br/><div>RFQ</div></div>      |  <div><b>MB90439PFV-G-464E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100LQFP<br/>In stock: 7038 pcs<br/><div>RFQ</div></div>      |
|  <div><b>MB90439SPMC-G-203-BNDE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100LQFP<br/>In stock: 2861 pcs<br/><div>RFQ</div></div> |  <div><b>MB90455SPMT-GS-231E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 24KB MROM 48LQFP<br/>In stock: 4109 pcs<br/><div>RFQ</div></div>      |
|  <div><b>MB90439SPFV-G-203-BNDE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 256KB MROM 100LQFP<br/>In stock: 6123 pcs<br/><div>RFQ</div></div> |  <div><b>MB90455SPMT-GS-166E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 24KB MROM 48LQFP<br/>In stock: 6415 pcs<br/><div>RFQ</div></div>      |