

MB90548GHDSPQR-G-319ERE2





Part Number:

MB90548GHDSPQR-G-319ERE2

Manufacturer:

Cypress Semiconductor

Description:

IC MCU 16BIT 128KB MROM 100QFP

Data sheet:

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

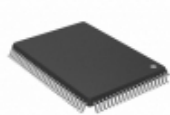
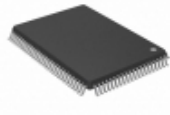
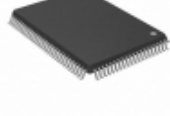
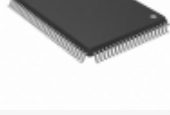
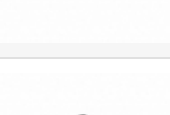
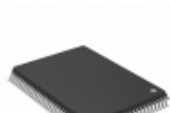
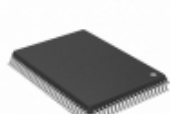
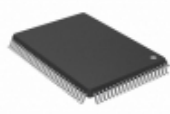
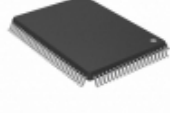
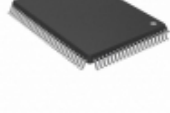
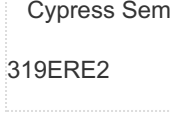
Shipment Way:

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                |                                |                                |                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                      | MB90548GHDSPQR-G-319ERE2       | Manufacturer                   | Cypress Semiconductor                                                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                      | IC MCU 16BIT 128KB MROM 100QFP | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                               | 5048 pcs                       | Data sheet                     |                                                                                                         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                         | Integrated Circuits (ICs)      | Voltage - Supply (Vcc/Vdd)     | 3.5 V ~ 5.5 V                                                                                           |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                          | 100-PQFP (20x14)               | Speed                          | 16MHz                                                                                                   |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                           | F*MC-16LX MB90545G             | RAM Size                       | 4K x 8                                                                                                  |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                              | Mask ROM                       | Program Memory Size            | 128KB (128K x 8)                                                                                        |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                      | POR, WDT                       | Packaging                      | Tape & Reel (TR)                                                                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                   | 100-BQFP                       | 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*MC-16LX F*MC-16LX MB90545G 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*MC-16LX                      | Connectivity                   | CANbus, EBI/EMI, SCI, Serial I/O, UART/USART                                                            |
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| RELATED PRODUCTS                                                                   |                                                                                |                                      |     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------------------------------------|-----|
|  | Part#: MB90548GHDSPQC-G-324ERE2<br>Description: IC MCU 16BIT 128KB MROM 100QFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90548GHDSPQC-G-390ERE2<br>Description: IC MCU 16BIT 128KB MROM 100QFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90548GHDSPQC-G-536ERE2<br>Description: IC MCU 16BIT 128KB MROM 100QFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90548GHDSPQR-G-232ERE2<br>Description: IC MCU 16BIT 128KB MROM 100QFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90548GHDSPQR-G-420ERE2<br>Description: IC MCU 16BIT 128KB MROM 100QFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90548GHDSPQC-G-355ERE2<br>Description: IC MCU 16BIT 128KB MROM 100QFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90548GHDSPQR-G-256ERE2<br>Description: IC MCU 16BIT 128KB MROM 100QFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90548GPF-G-121-BND<br>Description: IC MCU 16BIT 128KB MROM 100QFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90548GPF-GS-424<br>Description: IC MCU 16BIT 128KB MROM 100QFP        | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90548GHDSPQC-G-560ERE2<br>Description: IC MCU 16BIT 128KB MROM 100QFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90548GHDSPQR-G-324ERE2<br>Description: IC MCU 16BIT 128KB MROM 100QFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90548GHDSPQR-G-355ERE2<br>Description: IC MCU 16BIT 128KB MROM 100QFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90548GHDSPQR-G-460ERE2<br>Description: IC MCU 16BIT 128KB MROM 100QFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90548GHDSPQR-G-164ERE2<br>Description: IC MCU 16BIT 128KB MROM 100QFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90548GHDSPQC-G-460ERE2<br>Description: IC MCU 16BIT 128KB MROM 100QFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90548GHDSPQC-G-513ERE2<br>Description: IC MCU 16BIT 128KB MROM 100QFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90548GPF-GS-330<br>Description: IC MCU 16BIT 128KB MROM 100QFP        | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90548GHDSPQR-G-390ERE2<br>Description: IC MCU 16BIT 128KB MROM 100QFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90548GHDSPQR-G-494ERE2<br>Description: IC MCU 16BIT 128KB MROM 100QFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90548GPF-G-330<br>Description: IC MCU 16BIT 128KB MROM 100QFP         | Manufacturers: Cypress Semiconductor | RFQ |

|                                                     |                                             |                                    |                                                |
|-----------------------------------------------------|---------------------------------------------|------------------------------------|------------------------------------------------|
| Related keywords for MB90548GHDSPQR-G-319ERE2       |                                             |                                    |                                                |
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