



**MC9S12XEQ512MAA**

|                                 |   |
|---------------------------------|---|
| Manufacturer Part Number:       | MC9S12XEQ512MAA                         |
| Manufacturer / Brand            | NXP Semiconductors / Freescale          |
| Part of Description:            | IC MCU 16BIT 512KB FLASH 80QFP          |
| Datasheets:                     | MC9S12XEQ512MAA.pdf                     |
| Lead Free Status / RoHS Status: | Lead free / RoHS Compliant              |
| Stock Condition:                | New original, 1200 pcs Stock Available. |
| Ship From:                      | Hong Kong                               |
| Shipment Way:                   | DHL/Fedex/TNT/UPS                       |

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MC9S12XEQ512MAA 100% New Original 1200pcs in Stock, Find MC9S12XEQ512MAA Price, Stock, datasheet at IC Components Ltd Online, buy MC9S12XEQ512MAA NXP Semiconductors / Freescale with warrantied. 100% guarantee confidence. RFQ MC9S12XEQ512MAA: [Info@IC-Components.com](mailto:Info@IC-Components.com)

The specifications of MC9S12XEQ512MAA

|                            |                                |                                  |   |
|----------------------------|--------------------------------|----------------------------------|---|
| Part Number                | MC9S12XEQ512MAA                | Manufacturer / Brand             | NXP Semiconductors / Freescale  |
| Series                     | HCS12X                         | Moisture Sensitivity Level (MSL) | 3 (168 Hours)   |
| Base Part Number           | MC9S12XEQ512                   | Package / Case                   | 80-QFP  |
| Packaging                  | Tray                           | Supplier Device Package          | 80-QFP (14x14)  |
| Operating Temperature      | -40°C ~ 125°C (TA)             | Detailed Description             | HCS12X HCS12X Microcontroller IC 16-Bit 50MHz 512KB (512K x 8) FLASH 80-QFP (14x14) |
| Peripherals                | LVD, POR, PWM, WDT             | Core Processor                   | HCS12X  |
| Speed                      | 50MHz                          | Number of I/O                    | 59  |
| EEPROM Size                | 4K x 8                         | RAM Size                         | 32K x 8   |
| Core Size                  | 16-Bit                         | Connectivity                     | CANbus, EBI/EMI, PC, IrDA, SCI, SPI   |
| Program Memory Size        | 512KB (512K x 8)               | Program Memory Type              | FLASH   |
| Voltage - Supply (Vcc/Vdd) | 1.72 V ~ 5.5 V                 | Data Converters                  | A/D 12x12b  |
| Oscillator Type            | External                       | Other Names                      | 935324265557  |
| Stock Quantity             | 1200 pcs Stock                 | Category                         | Integrated Circuits (ICs) > Embedded - Microcontrollers                             |
| Description                | IC MCU 16BIT 512KB FLASH 80QFP | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant  |

Keywords related to MC9S12XEQ512MAA

|                                    |                                    |   |   |
|------------------------------------|------------------------------------|---|---|
| NXP Semiconductors / Freescale     | MC9S12XEQ512MAA part               | MC9S12XEQ512MAA Price                         | MC9S12XEQ512MAA Distributor                       |
| MC9S12XEQ512MAA                    | MC9S12XEQ512MAA Technical          | MC9S12XEQ512MAA Stock                         | MC9S12XEQ512MAA Inventory                         |
| MC9S12XEQ512MAA Supplier           | MC9S12XEQ512MAA Online Order       | MC9S12XEQ512MAA Inquiry                       | MC9S12XEQ512MAA Image                             |
| MC9S12XEQ512MAA Picture            | MC9S12XEQ512MAA pdf                | MC9S12XEQ512MAA datasheet                     | MC9S12XEQ512MAA data sheet                        |
| MC9S12XEQ512MAA pdf datasheet      | Download MC9S12XEQ512MAA datasheet | NXP Semiconductors / Freescale Manufacturer   | NXP Semiconductors / Freescale<br>MC9S12XEQ512MAA |
| NXP Semiconductors MC9S12XEQ512MAA | Freescale MC9S12XEQ512MAA          | Freescale Semiconductor - NXP MC9S12XEQ512MAA | NXP USA Inc. MC9S12XEQ512MAA                      |

You May Be Also Be interested In:

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| <br><b>MC9S12XEQ384MAG</b><br>Description: IC MCU 16BIT 384KB FLASH 144LQFP<br>Manufacturers: NXP Semiconductors / Freescale<br>In Stock: New original, 600 pcs Stock Available.<br>Quote: <input type="text"/> RFQ    | <br><b>MC9S12XEQ384CAL</b><br>Description: IC MCU 16BIT 384KB FLASH 112LQFP<br>Manufacturers: NXP Semiconductors / Freescale<br>In Stock: New original, 100 pcs Stock Available.<br>Quote: <input type="text"/> RFQ              | <br><b>MC9S12XET256VAG</b><br>Description: MC9S12XET256VAG FREESCALE TQFP144<br>Manufacturers: NXP Semiconductors / Freescale<br>In Stock: New original, 500 pcs Stock Available.<br>Quote: <input type="text"/> RFQ   |
| <br><b>MC9S12XEG384VAL</b><br>Description: MC9S12XEG384VAL FREESCALE TQFP-112<br>Manufacturers: NXP Semiconductors / Freescale<br>In Stock: New original, 1200 pcs Stock Available.<br>Quote: <input type="text"/> RFQ | <br><b>MC9S12XEQ512MAL</b><br>Description: IC MCU 16BIT 512KB FLASH 112LQFP<br>Manufacturers: NXP Semiconductors / Freescale<br>In Stock: New original, 600 pcs Stock Available.<br>Quote: <input type="text"/> RFQ              | <br><b>MC9S12XEQ384CAG</b><br>Description: IC MCU 16BIT 384KB FLASH 144LQFP<br>Manufacturers: NXP Semiconductors / Freescale<br>In Stock: New original, 2200 pcs Stock Available.<br>Quote: <input type="text"/> RFQ   |
| <br><b>MC9S12XEP768VAG</b><br>Description: MC9S12XEP768VAG Freescale LQFP144<br>Manufacturers: NXP Semiconductors / Freescale<br>In Stock: New original, 1000 pcs Stock Available.<br>Quote: <input type="text"/> RFQ  | <br><b>MC9S12XEQ512MAG 3M25J</b><br>Description: MC9S12XEQ512MAG 3M25J FREESCALE TQFP144<br>Manufacturers: NXP Semiconductors / Freescale<br>In Stock: New original, 100 pcs Stock Available.<br>Quote: <input type="text"/> RFQ | <br><b>MC9S12XEP768MVL</b><br>Description: MC9S12XEP768MVL Freescale 208MAPBGA<br>Manufacturers: NXP Semiconductors / Freescale<br>In Stock: New original, 200 pcs Stock Available.<br>Quote: <input type="text"/> RFQ |
| <br><b>MC9S12XET256MAG</b><br>Description: IC MCU 16BIT 256KB FLASH 144LQFP<br>Manufacturers: NXP Semiconductors / Freescale<br>In Stock: New original, 100 pcs Stock Available.<br>Quote: <input type="text"/> RFQ    | <br><b>MC9S12XEQ384VAG</b><br>Description: IC MCU 16BIT 384KB FLASH 144LQFP<br>Manufacturers: NXP Semiconductors / Freescale<br>In Stock: New original, 600 pcs Stock Available.<br>Quote: <input type="text"/> RFQ              | <br><b>MC9S12XET256VAL</b><br>Description: MC9S12XET256VAL FREESCALE QFP<br>Manufacturers: NXP Semiconductors / Freescale<br>In Stock: New original, 600 pcs Stock Available.<br>Quote: <input type="text"/> RFQ       |
| <br><b>MC9S12XET256MAL</b><br>Description: IC MCU 16BIT 256KB FLASH 112LQFP<br>Manufacturers: NXP Semiconductors / Freescale<br>In Stock: New original, 10000 pcs Stock Available.<br>Quote: <input type="text"/> RFQ  | <br><b>MC9S12XEQ512MAGR</b><br>Description: MC9S12XEQ512MAGR FREESCALE LQFP144<br>Manufacturers: NXP Semiconductors / Freescale<br>In Stock: New original, 100 pcs Stock Available.<br>Quote: <input type="text"/> RFQ           | <br><b>MC9S12XEP100CAL</b><br>Description: IC MCU 16BIT 1MB FLASH 112LQFP<br>Manufacturers: NXP Semiconductors / Freescale<br>In Stock: New original, 300 pcs Stock Available.<br>Quote: <input type="text"/> RFQ      |
| <br><b>MC9S12XEP768MAG</b><br>Description: IC MCU 16BIT 768KB FLASH 144LQFP<br>Manufacturers: NXP Semiconductors / Freescale<br>In Stock: New original, 2800 pcs Stock Available.<br>Quote: <input type="text"/> RFQ   | <br><b>MC9S12XEP100CAG 5M48H</b><br>Description: MC9S12XEP100CAG 5M48H FREESCAL TQFP144<br>Manufacturers: FREESCAL<br>In Stock: New original, 100 pcs Stock Available.<br>Quote: <input type="text"/> RFQ                        | <br><b>MC9S12XEP100MAG</b><br>Description: IC MCU 16BIT 1MB FLASH 144LQFP<br>Manufacturers: NXP Semiconductors / Freescale<br>In Stock: New original, 600 pcs Stock Available.<br>Quote: <input type="text"/> RFQ      |
| <br><b>MC9S12XEQ512CAG</b><br>Description: IC MCU 16BIT 512KB FLASH 144LQFP<br>Manufacturers: NXP Semiconductors / Freescale<br>In Stock: New original, 100 pcs Stock Available.<br>Quote: <input type="text"/> RFQ    | <br><b>MC9S12XET512VAG</b><br>Description: MC9S12XET512VAG FREESCALE TQFP144<br>Manufacturers: NXP Semiconductors / Freescale<br>In Stock: New original, 500 pcs Stock Available.<br>Quote: <input type="text"/> RFQ             | <br><b>MC9S12XET256J2MAA</b><br>Description: MC9S12XET256J2MAA FREESCALE QFP<br>Manufacturers: NXP Semiconductors / Freescale<br>In Stock: New original, 100 pcs Stock Available.<br>Quote: <input type="text"/> RFQ   |
| <br><b>MC9S12XEP100J5MAGR</b><br>Description: MC9S12XEP100J5MAGR FREESCAL QFP<br>Manufacturers: FREESCAL<br>In Stock: New original, 100 pcs Stock Available.<br>Quote: <input type="text"/> RFQ                        | <br><b>MC9S12XET512VAL</b><br>Description: MC9S12XET512VAL FREESCALE TQFP-112<br>Manufacturers: NXP Semiconductors / Freescale<br>In Stock: New original, 500 pcs Stock Available.<br>Quote: <input type="text"/> RFQ            | <br><b>MC9S12XEQ512MAG</b><br>Description: IC MCU 16BIT 512KB FLASH 144LQFP<br>Manufacturers: NXP Semiconductors / Freescale<br>In Stock: New original, 300 pcs Stock Available.<br>Quote: <input type="text"/> RFQ    |
| <br><b>MC9S12XET512MAG</b><br>Description: MC9S12XET512MAG FREESCALE QFP144<br>Manufacturers: NXP Semiconductors / Freescale<br>In Stock: New original, 200 pcs Stock Available.<br>Quote: <input type="text"/> RFQ    | <br><b>MC9S12XET256MAA</b><br>Description: IC MCU 16BIT 256KB FLASH 80QFP<br>Manufacturers: NXP Semiconductors / Freescale<br>In Stock: New original, 600 pcs Stock Available.<br>Quote: <input type="text"/> RFQ                | <br><b>MC9S12XET256CAG</b><br>Description: IC MCU 16BIT 256KB FLASH 144LQFP<br>Manufacturers: NXP Semiconductors / Freescale<br>In Stock: New original, 500 pcs Stock Available.<br>Quote: <input type="text"/> RFQ    |
| <br><b>MC9S12XEQ512CAL</b><br>Description: IC MCU 16BIT 512KB FLASH 112LQFP<br>Manufacturers: NXP Semiconductors / Freescale<br>In Stock: New original, 400 pcs Stock Available.<br>Quote: <input type="text"/> RFQ    | <br><b>MC9S12XEP100MAL</b><br>Description: IC MCU 16BIT 1MB FLASH 112LQFP<br>Manufacturers: NXP Semiconductors / Freescale<br>In Stock: New original, 1800 pcs Stock Available.<br>Quote: <input type="text"/> RFQ               | <br><b>MC9S12XET256J2MAGR</b><br>Description: MC9S12XET256J2MAGR FREESCAL QFP<br>Manufacturers: FREESCAL<br>In Stock: New original, 800 pcs Stock Available.<br>Quote: <input type="text"/> RFQ                        |



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