

S912XET512BMAG



Part Number: [S912XET512BMAG](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: 16-BIT MCU S12X CORE 512KB FLA

Data sheet:

RoHs Status:

Ship From: Hong Kong

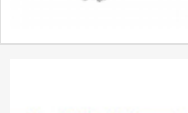
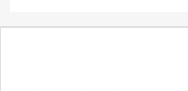
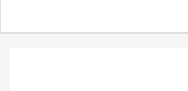
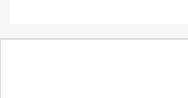
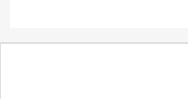
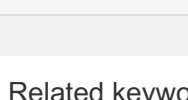
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Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER       |                                           |                                  |                                                                                       |
|-------------------------|-------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------|
| Part Number             | S912XET512BMAG                            | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a>                                        |
| Description             | 16-BIT MCU S12X CORE 512KB FLA            | Lead Free Status / RoHS Status   |                                                                                       |
| Quantity Available      | 6096 pcs                                  | Data sheet                       |                                                                                       |
| Category                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 1.72 V ~ 5.5 V                                                                        |
| Supplier Device Package | 144-LQFP (20x20)                          | Speed                            | 50MHz                                                                                 |
| Series                  | HCS12X                                    | RAM Size                         | 32K x 8                                                                               |
| Program Memory Type     | FLASH                                     | Program Memory Size              | 512KB (512K x 8)                                                                      |
| Peripherals             | LVD, POR, PWM, WDT                        | Packaging                        | Tray                                                                                  |
| Package / Case          | 144-LQFP                                  | Other Names                      | 935323416557                                                                          |
| Oscillator Type         | External                                  | Operating Temperature            | -40°C ~ 125°C (TA)                                                                    |
| Number of I/O           | 119                                       | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                         |
| EEPROM Size             | 4K x 8                                    | Detailed Description             | HCS12X HCS12X Microcontroller IC 16-Bit 50MHz 512KB (512K x 8) FLASH 144-LQFP (20x20) |
| Data Converters         | A/D 24x12b                                | Core Size                        | 16-Bit                                                                                |
| Core Processor          | HCS12X                                    | Connectivity                     | CANbus, EBI/EMI, I <sup>2</sup> C, IrDA, SCI, SPI                                     |

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|  | Part#: <a href="#">S912XET512J3MAG</a><br>Description: 16BIT 512K FLASH 144LQFP          | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">S912XET512J3VALR</a><br>Description: IC MCU 16BIT 512KB FLASH 112LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S912XET256W1MALR</a><br>Description: 16-BIT MCU S12X CORE 256KB FLA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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| Related keywords for S912XET512BMAG |                                   |                                              |                             |
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