

NXP Semiconductors / Freescale

S912XEP768W1MAGR

|                     |                                |
|---------------------|--------------------------------|
| Part Number:        | S912XEP768W1MAGR               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale |
| Product description | 16-BIT MCU S12X CORE 768KB FLA |
| Datasheets:         |                                |
| Stock Condition     | 7047 pcs stock                 |
| Ship From           | Hong Kong                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS          |

REQUEST FOR QUOTATION

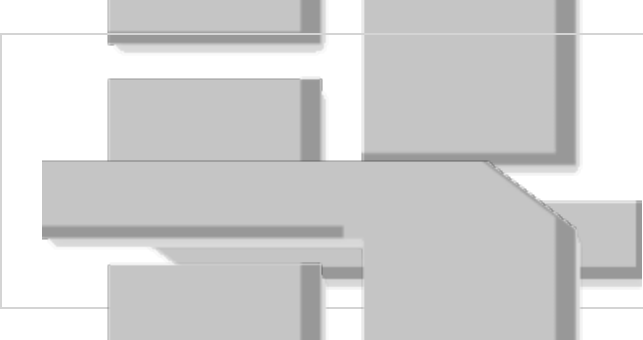
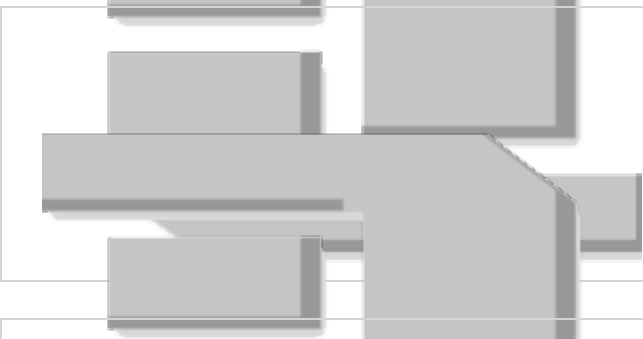
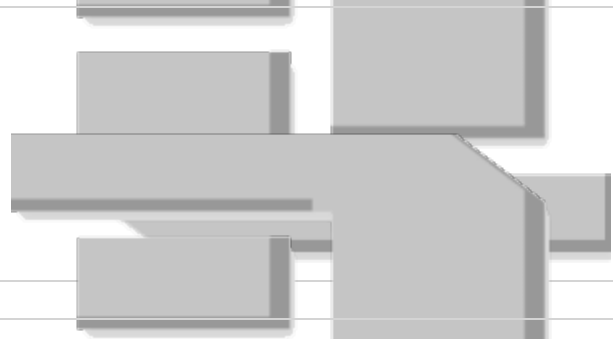
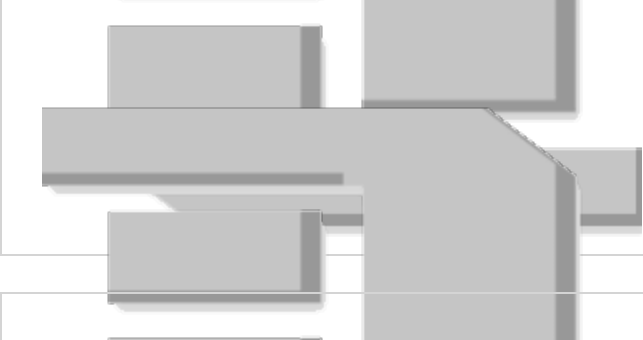
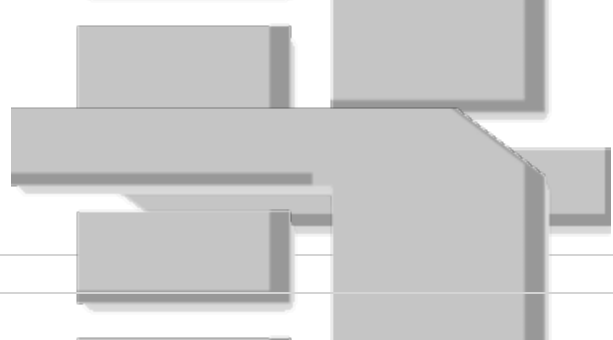
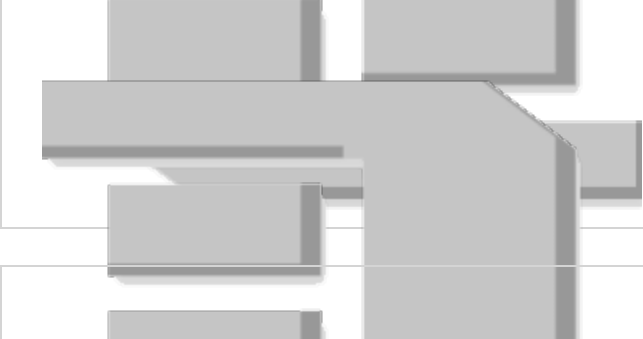
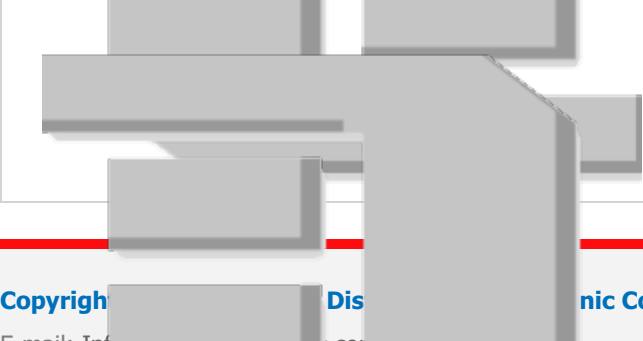
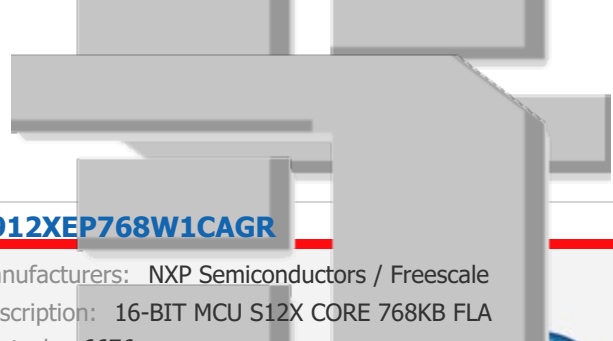
Specifications of S912XEP768W1MAGR

|                                  |                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------|
| PART NUMBER                      | S912XEP768W1MAGR                                                                      |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                        |
| DESCRIPTION                      | 16-BIT MCU S12X CORE 768KB FLA                                                        |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                       |
| QUANTITY AVAILABLE               | 7047 pcs                                                                              |
| DATA SHEET                       |                                                                                       |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.72 V ~ 5.5 V                                                                        |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                      |
| SPEED                            | 50MHz                                                                                 |
| SERIES                           | HCS12X                                                                                |
| RAM SIZE                         | 48K x 8                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                 |
| PROGRAM MEMORY SIZE              | 768KB (768K x 8)                                                                      |
| PERIPHERALS                      | LVD, POR, PWM, WDT                                                                    |
| PACKAGING                        | Tape & Reel (TR)                                                                      |
| PACKAGE / CASE                   | 144-LQFP                                                                              |
| OTHER NAMES                      | 935320027528                                                                          |
| 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 768KB (768K 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                                     |

Related Tags

|                                |                                     |                            |
|--------------------------------|-------------------------------------|----------------------------|
| S912XEP768W1MAGR               | S912XEP768W1MAGR Distributor        | S912XEP768W1MAGR Supplier  |
| S912XEP768W1MAGR Price         | S912XEP768W1MAGR Pictures           | S912XEP768W1MAGR Image     |
| S912XEP768W1MAGR PDF Datasheet | S912XEP768W1MAGR Download Datasheet | S912XEP768W1MAGR Datasheet |
| S912XEP768W1MAGR Stock         | Buy S912XEP768W1MAGR                | Buy S912XEP768W1MAGR       |
| S912XEP768W1MAGR               | Supplier                            | Distributor                |

Related Products

|                                                                                    |                                                                                                                             |                                                                                      |                                                                                                                                                      |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>S912XEQ384AMALR</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 384KB FLA<br>In stock: 8759 pcs<br>RFQ    |  | <b>S912XEQ384AMAL</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 384KB FLA<br>In stock: 5792 pcs<br>RFQ                              |
|  | <b>S912XEP768J5MAGR</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 768KB FLASH 144LQFP<br>In stock: 6503 pcs<br>RFQ |  | <b>S912XEQ384ACALR</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 384KB FLA<br>In stock: 9278 pcs<br>RFQ                             |
|  | <b>S912XEP768W1MAG</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 768KB FLA<br>In stock: 6534 pcs<br>RFQ    |  | <b>S912XEP768W1MAL</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 768KB FLA<br>In stock: 6121 pcs<br>RFQ                             |
|  | <b>S912XEP768W1CAG</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 768KB FLA<br>In stock: 4720 pcs<br>RFQ    |  | <b>S912XEP768J5CAGR</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 768KB FLASH 144LQFP<br>In stock: 7281 pcs<br>RFQ                          |
|  | <b>S912XEQ384BCAA</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 384KB FLA<br>In stock: 9051 pcs<br>RFQ     |  | <b>S912XEQ384ACAL</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 384KB FLA<br>In stock: 8700 pcs<br>RFQ                              |
|  | <b>S912XEP768J5MAG</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 768KB FLASH 144LQFP<br>In stock: 6566 pcs<br>RFQ  |  | <b>S912XEP768W1CAGR</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: 16-BIT MCU S12X CORE 768KB FLA<br>In stock: 6676 pcs<br>RFQ |