

NXP Semiconductors / Freescale



S912XEQ512ACALR

|                     |                                |
|---------------------|--------------------------------|
| Part Number:        | S912XEQ512ACALR                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale |
| Product description | 16-BIT MCU S12X CORE 512KB FLA |
| Datasheets:         |                                |
| Stock Condition     | 8044 pcs stock                 |
| Ship From           | Hong Kong                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS          |

REQUEST FOR QUOTATION

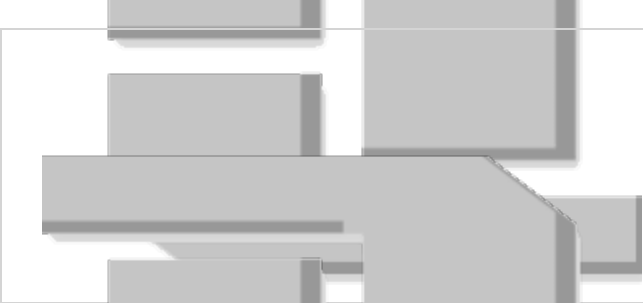
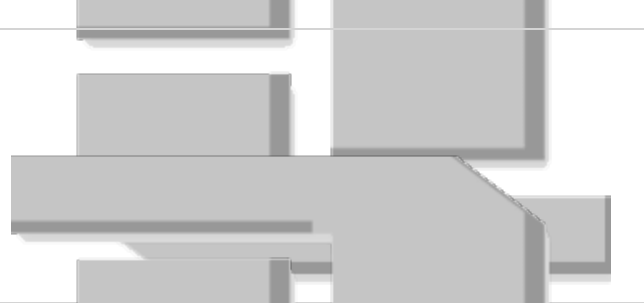
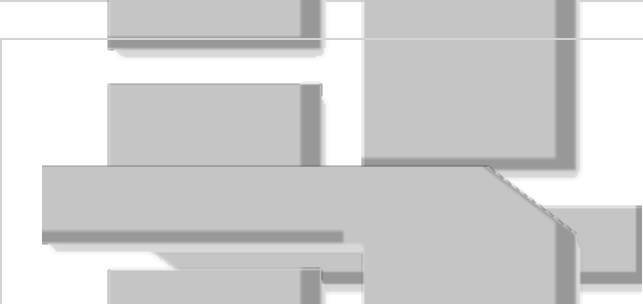
Specifications of S912XEQ512ACALR

|                                  |                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------|
| PART NUMBER                      | S912XEQ512ACALR                                                                       |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                        |
| DESCRIPTION                      | 16-BIT MCU S12X CORE 512KB FLA                                                        |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                       |
| QUANTITY AVAILABLE               | 8044 pcs                                                                              |
| DATA SHEET                       |                                                                                       |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.72 V ~ 5.5 V                                                                        |
| SUPPLIER DEVICE PACKAGE          | 112-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                        | Tape & Reel (TR)                                                                      |
| PACKAGE / CASE                   | 112-LQFP                                                                              |
| OTHER NAMES                      | 935314856528                                                                          |
| OSCILLATOR TYPE                  | External                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                     |
| NUMBER OF I/O                    | 91                                                                                    |
| 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 112-LQFP (20x20) |
| DATA CONVERTERS                  | A/D 16x12b                                                                            |
| CORE SIZE                        | 16-Bit                                                                                |
| CORE PROCESSOR                   | HCS12X                                                                                |
| CONNECTIVITY                     | CANbus, EBI/EMI, I <sup>2</sup> C, IrDA, SCI, SPI                                     |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| S912XEQ512ACALR               | S912XEQ512ACALR Distributor        | S912XEQ512ACALR Supplier  |
| S912XEQ512ACALR Price         | S912XEQ512ACALR Pictures           | S912XEQ512ACALR Image     |
| S912XEQ512ACALR PDF Datasheet | S912XEQ512ACALR Download Datasheet | S912XEQ512ACALR Datasheet |
| S912XEQ512ACALR Stock         | Buy S912XEQ512ACALR                | Buy S912XEQ512ACALR       |
| S912XEQ512ACALR               | Supplier                           | Distributor               |

Related Products

|                                                                                    |                                                                                                                           |                                                                                      |                                                                                                                            |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
|  | <b>S912XEQ512AMALR</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 512KB FLA<br>In stock: 6348 pcs<br>RFQ  |  | <b>S912XEQ384J3MALR</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 384KB FLA<br>In stock: 8369 pcs<br>RFQ  |
|  | <b>S912XEQ512ACAL</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 512KB FLA<br>In stock: 6961 pcs<br>RFQ   |  | <b>S912XEQ512AVAL</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 512KB FLA<br>In stock: 6008 pcs<br>RFQ    |
|  | <b>S912XEQ512BCAAR</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 512KB FLA<br>In stock: 9164 pcs<br>RFQ  |  | <b>S912XEQ512AMAL</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 512KB FLA<br>In stock: 6310 pcs<br>RFQ    |
|  | <b>S912XEQ384J3VALR</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 384KB FLA<br>In stock: 8939 pcs<br>RFQ |  | <b>S912XEQ512BCAA</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 512KB FLA<br>In stock: 8408 pcs<br>RFQ    |
|  | <b>S912XEQ384J3VAGR</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 384KB FLA<br>In stock: 6936 pcs<br>RFQ |  | <b>S912XEQ384J3VAL</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 384KB FLASH 112LQFP<br>In stock: 6775 pcs<br>RFQ |
|  | <b>S912XEQ512AVALR</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 512KB FLA<br>In stock: 8322 pcs<br>RFQ  |  | <b>S912XEQ384J3VAG</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 384KB FLASH 144LQFP<br>In stock: 7016 pcs<br>RFQ |

