

NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

S912XEQ384J3CAL

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | S912XEQ384J3CAL                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 16BIT 384KB FLASH 112LQFP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 8997 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

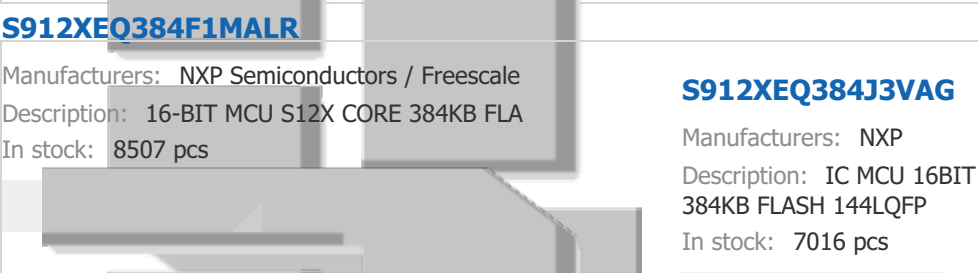
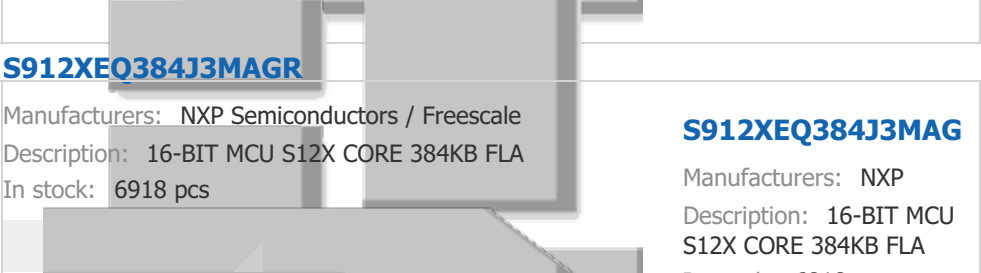
Specifications of S912XEQ384J3CAL

|                                  |                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------|
| PART NUMBER                      | S912XEQ384J3CAL                                                                       |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                        |
| DESCRIPTION                      | IC MCU 16BIT 384KB FLASH 112LQFP                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                            |
| QUANTITY AVAILABLE               | 8997 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                         | 24K x 8                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                 |
| PROGRAM MEMORY SIZE              | 384KB (384K x 8)                                                                      |
| PERIPHERALS                      | LVD, POR, PWM, WDT                                                                    |
| PACKAGING                        | Tray                                                                                  |
| PACKAGE / CASE                   | 112-LQFP                                                                              |
| OTHER NAMES                      | 935314053557                                                                          |
| OSCILLATOR TYPE                  | External                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                     |
| NUMBER OF I/O                    | 91                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                            |
| EEPROM SIZE                      | 4K x 8                                                                                |
| DETAILED DESCRIPTION             | HCS12X HCS12X Microcontroller IC 16-Bit 50MHz 384KB (384K 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                                     |
| BASE PART NUMBER                 | S912XEQ384                                                                            |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| S912XEQ384J3CAL               | S912XEQ384J3CAL Distributor        | S912XEQ384J3CAL Supplier  |
| S912XEQ384J3CAL Price         | S912XEQ384J3CAL Pictures           | S912XEQ384J3CAL Image     |
| S912XEQ384J3CAL PDF Datasheet | S912XEQ384J3CAL Download Datasheet | S912XEQ384J3CAL Datasheet |
| S912XEQ384J3CAL Stock         | Buy S912XEQ384J3CAL                | Buy S912XEQ384J3CAL       |
| S912XEQ384J3CAL               | Supplier                           | Distributor               |

Related Products

|                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>S912XEQ384F1MALR</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: 16-BIT MCU S12X CORE 384KB FLA<br>In stock: 8507 pcs | <br><b>S912XEQ384F1VAL</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 384KB FLASH 112LQFP<br>In stock: 8230 pcs<br><b>RFQ</b>             |
| <br><b>S912XEQ384J3VAG</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 384KB FLASH 144LQFP<br>In stock: 7016 pcs<br><b>RFQ</b>             | <br><b>S912XEQ384J3MAGR</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: 16-BIT MCU S12X CORE 384KB FLA<br>In stock: 6918 pcs |
| <br><b>S912XEQ384F1MAL</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 384KB FLA<br>In stock: 8099 pcs<br><b>RFQ</b>               | <br><b>S912XEQ384J3MAG</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 384KB FLA<br>In stock: 6818 pcs<br><b>RFQ</b>               |
| <br><b>S912XEQ384F1VALR</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 384KB FLASH 112LQFP<br>In stock: 7930 pcs<br><b>RFQ</b>            | <br><b>S912XEQ384J3MAL</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 384KB FLA<br>In stock: 6323 pcs<br><b>RFQ</b>               |
| <br><b>S912XEQ384J3CALR</b><br>Manufacturers: NXP<br>Description: 16 BIT384K FLASH EEE<br>In stock: 8134 pcs<br><b>RFQ</b>                        | <br><b>S912XEQ384F1VAGR</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 384KB FLA<br>In stock: 8137 pcs<br><b>RFQ</b>              |
| <br><b>S912XEQ384J3MALR</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 384KB FLA<br>In stock: 8369 pcs<br><b>RFQ</b>              | <br><b>S912XEQ384F1VAG</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 384KB FLA<br>In stock: 6382 pcs<br><b>RFQ</b>               |

