

S912XES384F1MAAR

|                     |                                |
|---------------------|--------------------------------|
| Part Number:        | S912XES384F1MAAR               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale |
| Product description | 16-BIT MCU S12X CORE 384KB FLA |
| Datasheets:         |                                |
| Ship From           | Hong Kong                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS          |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of S912XES384F1MAAR

|                                  |                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------|
| PART NUMBER                      | S912XES384F1MAAR                                                                    |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                      |
| DESCRIPTION                      | 16-BIT MCU S12X CORE 384KB FLA                                                      |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                     |
| DATA SHEET                       |                                                                                     |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.72 V ~ 5.5 V                                                                      |
| SUPPLIER DEVICE PACKAGE          | 80-QFP (14x14)                                                                      |
| 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                        | Tape & Reel (TR)                                                                    |
| PACKAGE / CASE                   | 80-QFP                                                                              |
| OTHER NAMES                      | 935325787528                                                                        |
| OSCILLATOR TYPE                  | External                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                  |
| NUMBER OF I/O                    | 59                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                       |
| MANUFACTURER STANDARD LEAD TIME  | 14 Weeks                                                                            |
| EEPROM SIZE                      | 4K x 8                                                                              |
| DETAILED DESCRIPTION             | HCS12X HCS12X Microcontroller IC 16-Bit 50MHz 384KB (384K x 8) FLASH 80-QFP (14x14) |
| DATA CONVERTERS                  | A/D 8x12b                                                                           |
| CORE SIZE                        | 16-Bit                                                                              |
| CORE PROCESSOR                   | HCS12X                                                                              |
| CONNECTIVITY                     | CANbus, EBI/EMI, I <sup>2</sup> C, IrDA, SCI, SPI                                   |

Related Tags

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| Freescale Semiconductor - NXP S912XES384F1MAAR  | NXP USA Inc. S912XES384F1MAAR           |                                                     |

Related Products

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| <div></div> <div><b>S912XEQ512J3VALR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12X CORE 512KB FLA<br/>In stock: Out stock<br/>RFQ</div> | <div></div> <div><b>S912XET256BCAAR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12X CORE 256KB FLA<br/>In stock: Out stock<br/>RFQ</div>   |
| <div></div> <div><b>S912XES384F1MAA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12X CORE 384KB FLA<br/>In stock: Out stock<br/>RFQ</div>  | <div></div> <div><b>S912XEQ512J3MAL</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 512KB FLASH 112LQFP<br/>In stock: 300 pcs<br/>RFQ</div>   |
| <div></div> <div><b>S912XEQ512J3MALR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12X CORE 512KB FLA<br/>In stock: Out stock<br/>RFQ</div> | <div></div> <div><b>S912XES384J3VAA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12X CORE 384KB FLA<br/>In stock: Out stock<br/>RFQ</div>   |
| <div></div> <div><b>S912XEQ512J3MAGR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12X CORE 512KB FLA<br/>In stock: Out stock<br/>RFQ</div> | <div></div> <div><b>S912XEQ512J3VAG</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 512KB FLASH 144LQFP<br/>In stock: Out stock<br/>RFQ</div> |
| <div></div> <div><b>S912XET256BCAA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12X CORE 256KB FLA<br/>In stock: Out stock<br/>RFQ</div>   | <div></div> <div><b>S912XES384J3MAA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12X CORE 384KB FLA<br/>In stock: Out stock<br/>RFQ</div>   |
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