NXP Semiconductors / Freescale

Image may be representation. See specifications for product details.

# S9S12XS256J0MALR

| | |
|---|---|
| Part Number: | S9S12XS256J0MALR |
| Manufacturer/Brand: | NXP Semiconductors / Freescale |
| Product description | 16-BIT MCU S12X CORE 256KB FLA |
| Datasheets: | S9S12XS256J0MALR.pdf |
| Ship From | Hong Kong |
| Shipment Way | DHL/Fedex/TNT/UPS/EMS |

**REQUEST FOR QUOTATION**

## Specifications of S9S12XS256J0MALR

| | |
|---|---|
| PART NUMBER | S9S12XS256J0MALR |
| MANUFACTURER | NXP Semiconductors / Freescale |
| DESCRIPTION | 16-BIT MCU S12X CORE 256KB FLA |
| LEAD FREE STATUS / ROHS STATUS | |
| DATA SHEET | S9S12XS256J0MALR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD) | 1.72 V ~ 5.5 V |
| SUPPLIER DEVICE PACKAGE | 112-LQFP (20x20) |
| SPEED | 40MHz |
| SERIES | HCS12X |
| RAM SIZE | 12K x 8 |
| PROGRAM MEMORY TYPE | FLASH |
| PROGRAM MEMORY SIZE | 256KB (256K x 8) |
| PERIPHERALS | LVD, POR, PWM, WDT |
| PACKAGING | Tape & Reel (TR) |
| PACKAGE / CASE | 112-LQFP |
| OTHER NAMES | 935318771528 |
| OSCILLATOR TYPE | External |
| OPERATING TEMPERATURE | -40°C ~ 125°C (TA) |
| NUMBER OF I/O | 91 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours) |
| EEPROM SIZE | - |
| DETAILED DESCRIPTION | HCS12X HCS12X Microcontroller IC 16-Bit 40MHz 256KB (256K x 8) FLASH 112-LQFP (20x20) |
| DATA CONVERTERS | A/D 16x12b |
| CORE SIZE | 16-Bit |
| CORE PROCESSOR | HCS12X |
| CONNECTIVITY | CANbus, SCI, SPI |

## Related Tags

| | | |
|---|---|---|
| NXP Semiconductors / Freescale S9S12XS256J0MALR | S9S12XS256J0MALR Distributor | S9S12XS256J0MALR Supplier |
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| Freescale Semiconductor - NXP S9S12XS256J0MALR | NXP USA Inc. S9S12XS256J0MALR | |

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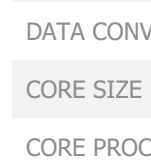


**S9S12XS256J0CALR**
Manufacturers: NXP Semiconductors / Freescale
Description: 16-BIT MCU S12X CORE 256KB FLA
In stock: Out stock
RFQ

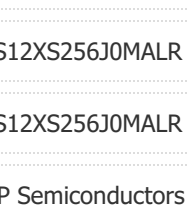


**S9S12XS256J0MAE**
Manufacturers: NXP Semiconductors / Freescale
Description: IC MCU 16BIT 256KB FLASH 64LQFP
In stock: Out stock
RFQ



**S9S12XS256J0VALR**
Manufacturers: NXP Semiconductors / Freescale
Description: 16-BIT MCU S12X CORE 256KB FLA
In stock: Out stock
RFQ

**S9S12XS256J0VAER**
Manufacturers: NXP Semiconductors / Freescale
Description: IC MCU 16BIT 256KB FLASH 64LQFP
In stock: Out stock
RFQ



**S9S12XS256J0MAER**
Manufacturers: NXP Semiconductors / Freescale
Description: 16-BIT MCU S12X CORE 256KB FLA
In stock: Out stock
RFQ



**S9S12XS256J0VAL**
Manufacturers: NXP Semiconductors / Freescale
Description: 16-BIT MCU S12X CORE 256KB FLA
In stock: Out stock
RFQ

**S9S12XS256J0VAAR**
Manufacturers: NXP Semiconductors / Freescale
Description: 16-BIT MCU S12X CORE 256KB FLA
In stock: Out stock
RFQ

**S9S12XS256J0VAE**
Manufacturers: NXP Semiconductors / Freescale
Description: IC MCU 16BIT 256KB FLASH 64LQFP
In stock: Out stock
RFQ

**S9S12XS256J0VAA**
Manufacturers: NXP Semiconductors / Freescale
Description: 16-BIT MCU S12X CORE 256KB FLA
In stock: Out stock
RFQ

**S9S12XS256J0MAA**
Manufacturers: NXP Semiconductors / Freescale
Description: IC MCU 16BIT 256KB FLASH 80QFP
In stock: Out stock
RFQ

**S9S12XS256J0MAAR**
Manufacturers: NXP Semiconductors / Freescale
Description: IC MCU 16BIT 256KB FLASH 80QFP
In stock: Out stock
RFQ

**S9S12XS256J0MAL**
Manufacturers: NXP Semiconductors / Freescale
Description: IC MCU 16BIT 256KB FLASH 112LQFP
In stock: Out stock
RFQ

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