

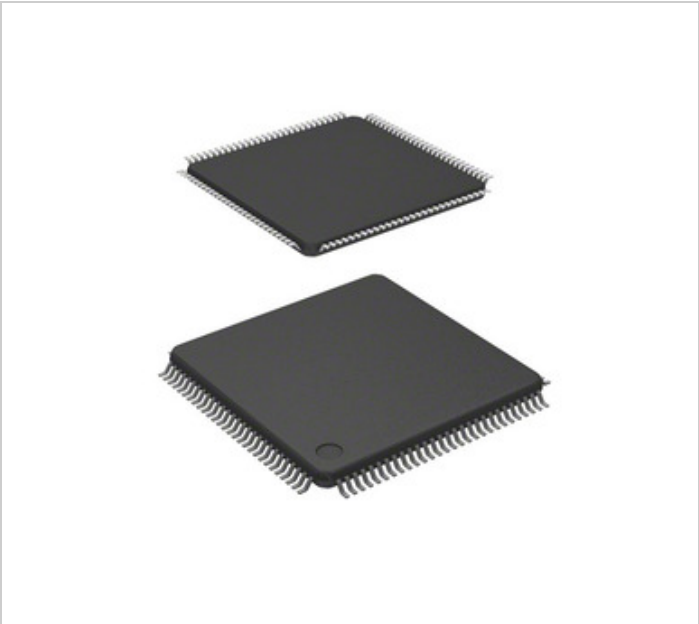


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### S9S12XS256J0VAL

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | S9S12XS256J0VAL                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                        |
| Product description | 16-BIT MCU S12X CORE 256KB FLA                                                                                        |
| Datasheets:         |  <a href="#">S9S12XS256J0VAL.pdf</a> |
| Ship From           | Hong Kong                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                 |

REQUEST FOR QUOTATION

#### Specifications of S9S12XS256J0VAL

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | S9S12XS256J0VAL                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                          |
| DESCRIPTION                      | 16-BIT MCU S12X CORE 256KB FLA                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                                                         |
| DATA SHEET                       |  <a href="#">S9S12XS256J0VAL.pdf</a> |
| 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                        | Tray                                                                                                                    |
| PACKAGE / CASE                   | 112-LQFP                                                                                                                |
| OTHER NAMES                      | 935320277557                                                                                                            |
| OSCILLATOR TYPE                  | External                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 105°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 S9S12XS256J0VAL | S9S12XS256J0VAL Distributor             | S9S12XS256J0VAL Supplier                           |
| S9S12XS256J0VAL Price                          | S9S12XS256J0VAL Pictures                | S9S12XS256J0VAL Image                              |
| S9S12XS256J0VAL PDF Datasheet                  | S9S12XS256J0VAL Download Datasheet      | S9S12XS256J0VAL Datasheet                          |
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| NXP Semiconductors / Freescale S9S12XS256J0VAL | NXP Semiconductors S9S12XS256J0VAL      | Freescale S9S12XS256J0VAL                          |
| Freescale Semiconductor - NXP S9S12XS256J0VAL  | NXP USA Inc. S9S12XS256J0VAL            |                                                    |

#### Related Products

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>S9S12XS256J0VAAR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12X CORE 256KB FLA<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>S9S12XS256J0MALR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12X CORE 256KB FLA<br/>In stock: Out stock</div> <div>RFQ</div>  |
| <div></div> <div><b>S9S12ZVL16F0CLC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 32KB FLASH 32LQFP<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>S9S12XS64J1VAE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12X CORE 64KB FLAS<br/>In stock: Out stock</div> <div>RFQ</div>    |
| <div></div> <div><b>S9S12XS64J1CAE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br/>In stock: Out stock</div> <div>RFQ</div>   | <div></div> <div><b>S9S12XS256J0MAL</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 256KB FLASH 112LQFP<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>S9S12XS256J0VAA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12X CORE 256KB FLA<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>S9S12XS64J1MAL</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12X CORE 64KB FLAS<br/>In stock: 300 pcs</div> <div>RFQ</div>      |
| <div></div> <div><b>S9S12XS256J0VALR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12X CORE 256KB FLA<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>S9S12XS64J1MAE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br/>In stock: Out stock</div> <div>RFQ</div>    |
| <div></div> <div><b>S9S12XS256J0VAE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 256KB FLASH 64LQFP<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>S9S12XS256J0VAER</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 256KB FLASH 64LQFP<br/>In stock: Out stock</div> <div>RFQ</div> |