



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

S9S12ZVLS3F0CFM

|                     |                                         |
|---------------------|-----------------------------------------|
| Part Number:        | S9S12ZVLS3F0CFM                         |
| Manufacturer/Brand: | NXP Semiconductors / Freescale          |
| Product description | MAGNIV 16-BIT MCU S12Z CORE 32          |
| Datasheets:         | <a href="#">PDF</a> S9S12ZVLS3F0CFM.pdf |
| Ship From           | Hong Kong                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                   |

REQUEST FOR QUOTATION

Specifications of S9S12ZVLS3F0CFM

|                                  |                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------|
| PART NUMBER                      | S9S12ZVLS3F0CFM                                                                      |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                       |
| DESCRIPTION                      | MAGNIV 16-BIT MCU S12Z CORE 32                                                       |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                      |
| DATA SHEET                       | <a href="#">PDF</a> S9S12ZVLS3F0CFM.pdf                                              |
| VOLTAGE - SUPPLY (VCC/VDD)       | 5.5 V ~ 18 V                                                                         |
| SUPPLIER DEVICE PACKAGE          | 32-QFN-EP (5x5)                                                                      |
| SPEED                            | 32MHz                                                                                |
| SERIES                           | S12 MagniV                                                                           |
| RAM SIZE                         | 1K x 8                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                       |
| PERIPHERALS                      | LVD, POR, PWM, WDT                                                                   |
| PACKAGING                        | Tray                                                                                 |
| PACKAGE / CASE                   | 32-VFQFN Exposed Pad                                                                 |
| OTHER NAMES                      | 568-14390<br>935318697557<br>S9S12ZVLS3F0CFM-ND                                      |
| OSCILLATOR TYPE                  | Internal                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                    |
| NUMBER OF I/O                    | 19                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                        |
| MANUFACTURER STANDARD LEAD TIME  | 18 Weeks                                                                             |
| EEPROM SIZE                      | 128 x 8                                                                              |
| DETAILED DESCRIPTION             | S12Z S12 MagniV Microcontroller IC 16-Bit 32MHz 32KB (32K x 8) FLASH 32-QFN-EP (5x5) |
| DATA CONVERTERS                  | A/D 6x10b                                                                            |
| CORE SIZE                        | 16-Bit                                                                               |
| CORE PROCESSOR                   | S12Z                                                                                 |
| CONNECTIVITY                     | I <sup>2</sup> C, IrDA, LINbus, SCI, SPI, UART/USART                                 |

Related Tags

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| Freescale Semiconductor - NXP S9S12ZVLS3F0CFM  | NXP USA Inc. S9S12ZVLS3F0CFM            |                                                    |

Related Products

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| <div></div> <div><b>S9S12ZVLS3F0MFMR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: MAGNIV 16-BIT MCU S12Z CORE 32<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>S9S12ZVLS3F0VFM</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: MAGNIV 16-BIT MCU S12Z CORE 32<br/>In stock: Out stock</div> <div>RFQ</div>  |
| <div></div> <div><b>S9S12ZVLS1F0CFM</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: MAGNIV 16-BIT MCU S12Z CORE 16<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>S9S12ZVLS1F0VFM</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: MAGNIV 16-BIT MCU S12Z CORE 16<br/>In stock: Out stock</div> <div>RFQ</div>  |
| <div></div> <div><b>S9S12ZVLS1F0CFMR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: MAGNIV 16-BIT MCU S12Z CORE 16<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>S9S12ZVLS3F0VFMR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: MAGNIV 16-BIT MCU S12Z CORE 32<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>S9S12ZVLS3F0MFM</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 32KB FLASH 32QFN<br/>In stock: 970 pcs</div> <div>RFQ</div>     | <div></div> <div><b>S9S12ZVL8F0CLCR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: MAGNIV 16-BIT MCU S12Z CORE 8K<br/>In stock: Out stock</div> <div>RFQ</div>  |
| <div></div> <div><b>S9S12ZVLS1F0MFM</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: MAGNIV 16-BIT MCU S12Z CORE 16<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>S9S12ZVLS1F0VFMR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: MAGNIV 16-BIT MCU S12Z CORE 16<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>S9S12ZVL8F0CLC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: MAGNIV 16-BIT MCU S12Z CORE 8K<br/>In stock: Out stock</div> <div>RFQ</div>   | <div></div> <div><b>S9S12ZVL8F0CLF</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: MAGNIV 16-BIT MCU S12Z CORE 8K<br/>In stock: Out stock</div> <div>RFQ</div>   |