

S912ZVHL32F1VLL

|                     |                                           |
|---------------------|-------------------------------------------|
| Part Number:        | S912ZVHL32F1VLL                           |
| Manufacturer/Brand: | NXP Semiconductors / Freescale            |
| Product description | MAGNIV 16-BIT MCU S12Z CORE 32            |
| Datasheets:         | <a href="#">PDF 1.S912ZVHL32F1VLL.pdf</a> |
|                     | <a href="#">PDF 2.S912ZVHL32F1VLL.pdf</a> |
| Ship From           | Hong Kong                                 |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                     |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

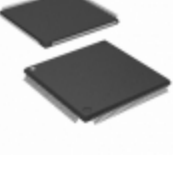
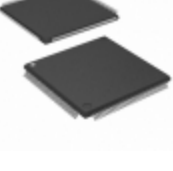
Specifications of S912ZVHL32F1VLL

|                                  |                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------|
| PART NUMBER                      | S912ZVHL32F1VLL                                                                        |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                         |
| DESCRIPTION                      | MAGNIV 16-BIT MCU S12Z CORE 32                                                         |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                        |
| DATA SHEET                       | <a href="#">PDF 1.S912ZVHL32F1VLL.pdf</a><br><a href="#">PDF 2.S912ZVHL32F1VLL.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 V ~ 5.5 V                                                                          |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                       |
| SPEED                            | 32MHz                                                                                  |
| SERIES                           | S12 MagniV                                                                             |
| RAM SIZE                         | 2K x 8                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                  |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                         |
| PERIPHERALS                      | DMA, LCD, POR, PWM, WDT                                                                |
| PACKAGING                        | Tray                                                                                   |
| PACKAGE / CASE                   | 100-LQFP                                                                               |
| OTHER NAMES                      | 935322095557                                                                           |
| OSCILLATOR TYPE                  | Internal                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                     |
| NUMBER OF I/O                    | 73                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                          |
| MANUFACTURER STANDARD LEAD TIME  | 18 Weeks                                                                               |
| EEPROM SIZE                      | 2K x 8                                                                                 |
| DETAILED DESCRIPTION             | S12Z S12 MagniV Microcontroller IC 16-Bit 32MHz 32KB (32K x 8) FLASH 100-LQFP (14x14)  |
| DATA CONVERTERS                  | A/D 4x10b                                                                              |
| CORE SIZE                        | 16-Bit                                                                                 |
| CORE PROCESSOR                   | S12Z                                                                                   |
| CONNECTIVITY                     | CANbus, I²C, LINbus, SCI, SPI                                                          |

Related Tags

|                                                |                                         |                                                    |
|------------------------------------------------|-----------------------------------------|----------------------------------------------------|
| NXP Semiconductors / Freescale S912ZVHL32F1VLL | S912ZVHL32F1VLL Distributor             | S912ZVHL32F1VLL Supplier                           |
| S912ZVHL32F1VLL Price                          | S912ZVHL32F1VLL Pictures                | S912ZVHL32F1VLL Image                              |
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| NXP Semiconductors / Freescale S912ZVHL32F1VLL | NXP Semiconductors S912ZVHL32F1VLL      | Freescale S912ZVHL32F1VLL                          |
| Freescale Semiconductor - NXP S912ZVHL32F1VLL  | NXP USA Inc. S912ZVHL32F1VLL            |                                                    |

Related Products

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>S912ZVH64F2CLQ</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 64KB FLASH 144LQFP<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>S912ZVHY32F1CLL</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 32KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>S912ZVHL32F1CLL</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: MAGNIV 16-BIT MCU S12Z CORE 32<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>S912ZVH64F2VLQ</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 64KB FLASH 144LQFP<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>S912ZVHL64F1VLL</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: MAGNIV 16-BIT MCU S12Z CORE 64<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>S912ZVHL64F1VLQ</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: MAGNIV 16-BIT MCU S12Z CORE 64<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>S912ZVH128F2VLL</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 128KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>S912ZVH128F2VLQ</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 128KB FLASH 144LQFP<br/>In stock: 300 pcs<br/>RFQ</div>  |
|  <div><b>S912ZVHL64F1CLQ</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: MAGNIV 16-BIT MCU S12Z CORE 64<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>S912ZVHL64F1CLL</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: MAGNIV 16-BIT MCU S12Z CORE 64<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>S912ZVHL32F1VLQ</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: MAGNIV 16-BIT MCU S12Z CORE 32<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>S912ZVHL32F1CLQ</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: MAGNIV 16-BIT MCU S12Z CORE 32<br/>In stock: Out stock<br/>RFQ</div>  |