



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

S912ZVHY64F1CLL

|                     |                                                                                                                                     |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | S912ZVHY64F1CLL                                                                                                                     |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                                      |
| Product description | IC MCU 16BIT 64KB FLASH 100LQFP                                                                                                     |
| Datasheets:         | <a href="#">PDF 1.S912ZVHY64F1CLL.pdf</a><br><a href="#">PDF 2.S912ZVHY64F1CLL.pdf</a><br><a href="#">PDF 3.S912ZVHY64F1CLL.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant                        |
| Ship From           | Hong Kong                                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                               |

REQUEST FOR QUOTATION

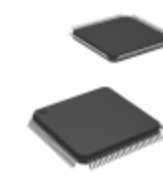
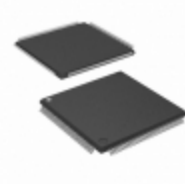
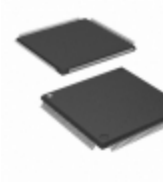
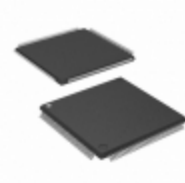
Specifications of S912ZVHY64F1CLL

|                                  |                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | S912ZVHY64F1CLL                                                                                                                     |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                                      |
| DESCRIPTION                      | IC MCU 16BIT 64KB FLASH 100LQFP                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                          |
| DATA SHEET                       | <a href="#">PDF 1.S912ZVHY64F1CLL.pdf</a><br><a href="#">PDF 2.S912ZVHY64F1CLL.pdf</a><br><a href="#">PDF 3.S912ZVHY64F1CLL.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                         | 4K x 8                                                                                                                              |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                               |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                                                                      |
| PERIPHERALS                      | DMA, LCD, POR, PWM, WDT                                                                                                             |
| PACKAGING                        | Tray                                                                                                                                |
| PACKAGE / CASE                   | 100-LQFP                                                                                                                            |
| OTHER NAMES                      | 935325826557                                                                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                   |
| NUMBER OF I/O                    | 73                                                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                          |
| EEPROM SIZE                      | 2K x 8                                                                                                                              |
| DETAILED DESCRIPTION             | S12Z S12 MagniV Microcontroller IC 16-Bit 32MHz 64KB (64K x 8) FLASH 100-LQFP (14x14)                                               |
| DATA CONVERTERS                  | A/D 4x10b                                                                                                                           |
| CORE SIZE                        | 16-Bit                                                                                                                              |
| CORE PROCESSOR                   | S12Z                                                                                                                                |
| CONNECTIVITY                     | CANbus, I²C, LINbus, SCI, SPI                                                                                                       |
| BASE PART NUMBER                 | S912ZVHY64                                                                                                                          |

Related Tags

|                                                |                                         |                                                    |
|------------------------------------------------|-----------------------------------------|----------------------------------------------------|
| NXP Semiconductors / Freescale S912ZVHY64F1CLL | S912ZVHY64F1CLL Distributor             | S912ZVHY64F1CLL Supplier                           |
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| NXP Semiconductors / Freescale S912ZVHY64F1CLL | NXP Semiconductors S912ZVHY64F1CLL      | Freescale S912ZVHY64F1CLL                          |
| Freescale Semiconductor - NXP S912ZVHY64F1CLL  | NXP USA Inc. S912ZVHY64F1CLL            |                                                    |

Related Products

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>S912ZVHY64F1VLL</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 64KB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>S912ZVL12F0MLF</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: S12Z CPU 128K FLASH<br/>In stock: Out stock<br/><div>RFQ</div></div>              |
| <div></div> <div><b>S912ZVL12F0CLCR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: S12Z CPU 128K FLASH<br/>In stock: Out stock<br/><div>RFQ</div></div>             | <div></div> <div><b>S912ZVHY32F1VLL</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 32KB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>S912ZVHY32F1CLL</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 32KB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>S912ZVHY64F1VLQ</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 64KB FLASH 144LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></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/><div>RFQ</div></div>  | <div></div> <div><b>S912ZVHY32F1VLQ</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 32KB FLASH 144LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>S912ZVHY64F1CLQ</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 64KB FLASH 144LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>S912ZVL12F0CLC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: S12Z CPU 128K FLASH<br/>In stock: Out stock<br/><div>RFQ</div></div>              |
| <div></div> <div><b>S912ZVHY32F1CLQ</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 32KB FLASH 144LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></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/><div>RFQ</div></div>  |