



Image may be representation. See specifications for product details.

S912ZVCA64F0MLF

|                     |                                           |
|---------------------|-------------------------------------------|
| Part Number:        | S912ZVCA64F0MLF                           |
| Manufacturer/Brand: | NXP Semiconductors / Freescale            |
| Product description | MAGNIV 16-BIT MCU S12Z CORE 64            |
|                     | <a href="#">PDF</a> 1.S912ZVCA64F0MLF.pdf |
|                     | <a href="#">PDF</a> 2.S912ZVCA64F0MLF.pdf |
|                     | <a href="#">PDF</a> 3.S912ZVCA64F0MLF.pdf |
| Datasheets:         |                                           |
| Ship From           | Hong Kong                                 |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                     |

REQUEST FOR QUOTATION

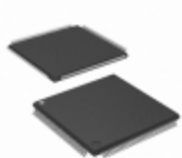
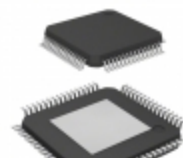
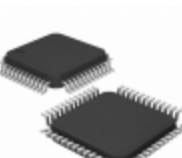
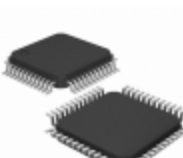
Specifications of S912ZVCA64F0MLF

|                                  |                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | S912ZVCA64F0MLF                                                                                                                     |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                                      |
| DESCRIPTION                      | MAGNIV 16-BIT MCU S12Z CORE 64                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                                                                     |
| DATA SHEET                       | <a href="#">PDF</a> 1.S912ZVCA64F0MLF.pdf<br><a href="#">PDF</a> 2.S912ZVCA64F0MLF.pdf<br><a href="#">PDF</a> 3.S912ZVCA64F0MLF.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.5 V ~ 40 V                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 48-LQFP (7x7)                                                                                                                       |
| SPEED                            | 32MHz                                                                                                                               |
| SERIES                           | S12 MagniV                                                                                                                          |
| RAM SIZE                         | 4K x 8                                                                                                                              |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                               |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                                                                      |
| PERIPHERALS                      | DMA, POR, PWM, WDT                                                                                                                  |
| PACKAGING                        | Tray                                                                                                                                |
| PACKAGE / CASE                   | 48-LQFP                                                                                                                             |
| OTHER NAMES                      | 935325024557                                                                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                  |
| NUMBER OF I/O                    | 28                                                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                       |
| MANUFACTURER STANDARD LEAD TIME  | 18 Weeks                                                                                                                            |
| EEPROM SIZE                      | 1K x 8                                                                                                                              |
| DETAILED DESCRIPTION             | S12Z S12 MagniV Microcontroller IC 16-Bit 32MHz 64KB (64K x 8) FLASH 48-LQFP (7x7)                                                  |
| DATA CONVERTERS                  | A/D 10x12b, D/A 1x8b                                                                                                                |
| CORE SIZE                        | 16-Bit                                                                                                                              |
| CORE PROCESSOR                   | S12Z                                                                                                                                |
| CONNECTIVITY                     | CANbus, I <sup>2</sup> C, SCI, SPI                                                                                                  |

Related Tags

|                                                |                                         |                                                    |
|------------------------------------------------|-----------------------------------------|----------------------------------------------------|
| NXP Semiconductors / Freescale S912ZVCA64F0MLF | S912ZVCA64F0MLF Distributor             | S912ZVCA64F0MLF Supplier                           |
| S912ZVCA64F0MLF Price                          | S912ZVCA64F0MLF Pictures                | S912ZVCA64F0MLF Image                              |
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| NXP Semiconductors / Freescale S912ZVCA64F0MLF | NXP Semiconductors S912ZVCA64F0MLF      | Freescale S912ZVCA64F0MLF                          |
| Freescale Semiconductor - NXP S912ZVCA64F0MLF  | NXP USA Inc. S912ZVCA64F0MLF            |                                                    |

Related Products

|                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>S912ZVP64F1CLQ</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 64KB FLASH 144LQFP<br/>In stock: 298 pcs<br/><b>RFQ</b></div>    |  <div><b>S912ZVCA64F0CLFR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: MAGNIV 16-BIT MCU S12Z CORE 64<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>S912ZVCA64F0WKH</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>S912ZVCA96F0MLFR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: MAGNIV 16-BIT MCU S12Z CORE 96<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>S912ZVP64F1CLL</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 64KB FLASH 100LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>S912ZVCA19F0VLFR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: MAGNIV 16-BIT MCU S12Z CORE 19<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>S912ZVCA64F0CLF</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: MAGNIV 16-BIT MCU S12Z CORE 64<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>S912ZVCA19F0WKH</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: MAGNIV 16-BIT MCU S12Z CORE 19<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>S912ZVCA19F0MLFR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: MAGNIV 16-BIT MCU S12Z CORE 19<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>S912ZVCA96F0MLF</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: MAGNIV 16-BIT MCU S12Z CORE 96<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>S912ZVCA96F0VLF</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 96KB FLASH 48LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>S912ZVCA19F0VLF</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: MAGNIV 16-BIT MCU S12Z CORE 19<br/>In stock: Out stock<br/><b>RFQ</b></div>  |