

NXP Semiconductors / Freescale

S912ZVC12F0MLF

|                     |                                |
|---------------------|--------------------------------|
| Part Number:        | S912ZVC12F0MLF                 |
| Manufacturer/Brand: | NXP Semiconductors / Freescale |
| Product description | MAGNIV 16-BIT MCU S12Z CORE 12 |
| Datasheets:         |                                |
| Stock Condition     | 25539 pcs stock                |
| Ship From           | Hong Kong                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS          |

REQUEST FOR QUOTATION

Specifications of S912ZVC12F0MLF

|                                  |                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------|
| PART NUMBER                      | S912ZVC12F0MLF                                                                       |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                       |
| DESCRIPTION                      | MAGNIV 16-BIT MCU S12Z CORE 12                                                       |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                      |
| QUANTITY AVAILABLE               | 25539 pcs                                                                            |
| DATA SHEET                       |                                                                                      |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.5 V ~ 40 V                                                                         |
| SUPPLIER DEVICE PACKAGE          | 48-LQFP (7x7)                                                                        |
| SPEED                            | 32MHz                                                                                |
| SERIES                           | S12 MagniV                                                                           |
| RAM SIZE                         | 8K x 8                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                     |
| PERIPHERALS                      | DMA, POR, PWM, WDT                                                                   |
| PACKAGING                        | Tray                                                                                 |
| PACKAGE / CASE                   | 48-LQFP                                                                              |
| OTHER NAMES                      | 935312538557                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                   |
| NUMBER OF I/O                    | 28                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                        |
| EEPROM SIZE                      | 2K x 8                                                                               |
| DETAILED DESCRIPTION             | S12Z S12 MagniV Microcontroller IC 16-Bit 32MHz 128KB (128K x 8) FLASH 48-LQFP (7x7) |
| DATA CONVERTERS                  | A/D 10x10b, D/A 1x8b                                                                 |
| CORE SIZE                        | 16-Bit                                                                               |
| CORE PROCESSOR                   | S12Z                                                                                 |
| CONNECTIVITY                     | CANbus, I²C, SCI, SPI                                                                |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| S912ZVC12F0MLF               | S912ZVC12F0MLF Distributor        | S912ZVC12F0MLF Supplier  |
| S912ZVC12F0MLF Price         | S912ZVC12F0MLF Pictures           | S912ZVC12F0MLF Image     |
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| S912ZVC12F0MLF               | Supplier                          | Distributor              |

Related Products

|                                                                                    |                                                                                                                           |                                                                                      |                                                                                                                           |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
|  | <b>S912ZVC12F0VLF</b><br>Manufacturers: NXP<br>Description: MAGNIV 16-BIT MCU S12Z CORE 12<br>In stock: 29801 pcs<br>RFQ  |  | <b>S912ZVC19F0MKH</b><br>Manufacturers: NXP<br>Description: MAGNIV 16-BIT MCU S12Z CORE 19<br>In stock: 20897 pcs<br>RFQ  |
|  | <b>S912ZVC12F0MLF</b><br>Manufacturers: NXP<br>Description: MAGNIV 16-BIT MCU S12Z CORE 12<br>In stock: 22663 pcs<br>RFQ  |  | <b>S912ZVC12F0VKHR</b><br>Manufacturers: NXP<br>Description: MAGNIV 16-BIT MCU S12Z CORE 12<br>In stock: 27445 pcs<br>RFQ |
|  | <b>S912XH512F1VAG</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 512KB FLASH 144LQFP<br>In stock: 5108 pcs<br>RFQ |  | <b>S912XH512F1MAG</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 512KB FLASH 144LQFP<br>In stock: 5883 pcs<br>RFQ |
|  | <b>S912ZVC12F0VKH</b><br>Manufacturers: NXP<br>Description: MAGNIV 16-BIT MCU S12Z CORE 12<br>In stock: 22299 pcs<br>RFQ  |  | <b>S912ZVC12F0MKH</b><br>Manufacturers: NXP<br>Description: MAGNIV 16-BIT MCU S12Z CORE 12<br>In stock: 21803 pcs<br>RFQ  |
|  | <b>S912XH512F1VAL</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 512KB FLASH 112LQFP<br>In stock: 5798 pcs<br>RFQ |  | <b>S912XH512F1CAL</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 512KB FLASH 112LQFP<br>In stock: 5166 pcs<br>RFQ |
|  | <b>S912ZVC12F0MKHR</b><br>Manufacturers: NXP<br>Description: MAGNIV 16-BIT MCU S12Z CORE 12<br>In stock: 24766 pcs<br>RFQ |  | <b>S912ZVC12F0VLF</b><br>Manufacturers: NXP<br>Description: MAGNIV 16-BIT MCU S12Z CORE 12<br>In stock: 29565 pcs<br>RFQ  |