

NXP Semiconductors / Freescale

S912ZVML31F1VKF

|                     |                                |
|---------------------|--------------------------------|
| Part Number:        | S912ZVML31F1VKF                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale |
| Product description | MAGNIV 16-BIT MCU S12Z CORE 32 |
| Datasheets:         |                                |
| Stock Condition     | 20640 pcs stock                |
| Ship From           | Hong Kong                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS          |

REQUEST FOR QUOTATION

Specifications of S912ZVML31F1VKF

|                                |                                                                                       |
|--------------------------------|---------------------------------------------------------------------------------------|
| PART NUMBER                    | S912ZVML31F1VKF                                                                       |
| MANUFACTURER                   | NXP Semiconductors / Freescale                                                        |
| DESCRIPTION                    | MAGNIV 16-BIT MCU S12Z CORE 32                                                        |
| LEAD FREE STATUS / ROHS STATUS |                                                                                       |
| QUANTITY AVAILABLE             | 20640 pcs                                                                             |
| DATA SHEET                     |                                                                                       |
| VOLTAGE - SUPPLY (VCC/VDD)     | 3.5 V ~ 40 V                                                                          |
| SUPPLIER DEVICE PACKAGE        | 48-LQFP-EP (7x7)                                                                      |
| SPEED                          | 50MHz                                                                                 |
| SERIES                         | S12 MagniV                                                                            |
| RAM SIZE                       | 4K x 8                                                                                |
| PROGRAM MEMORY TYPE            | FLASH                                                                                 |
| PROGRAM MEMORY SIZE            | 32KB (32K x 8)                                                                        |
| PERIPHERALS                    | DMA, POR, PWM, WDT                                                                    |
| PACKAGING                      | Tray                                                                                  |
| PACKAGE / CASE                 | 48-LQFP Exposed Pad                                                                   |
| OTHER NAMES                    | 935336885557                                                                          |
| OSCILLATOR TYPE                | Internal                                                                              |
| OPERATING TEMPERATURE          | -40°C ~ 105°C (TA)                                                                    |
| NUMBER OF I/O                  | 31                                                                                    |
| EEPROM SIZE                    | 128 x 8                                                                               |
| DETAILED DESCRIPTION           | S12Z S12 MagniV Microcontroller IC 16-Bit 50MHz 32KB (32K x 8) FLASH 48-LQFP-EP (7x7) |
| DATA CONVERTERS                | A/D 4x12b                                                                             |
| CORE SIZE                      | 16-Bit                                                                                |
| CORE PROCESSOR                 | S12Z                                                                                  |
| CONNECTIVITY                   | LINbus, SCI                                                                           |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| S912ZVML31F1VKF               | S912ZVML31F1VKF Distributor        | S912ZVML31F1VKF Supplier  |
| S912ZVML31F1VKF Price         | S912ZVML31F1VKF Pictures           | S912ZVML31F1VKF Image     |
| S912ZVML31F1VKF PDF Datasheet | S912ZVML31F1VKF Download Datasheet | S912ZVML31F1VKF Datasheet |
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| S912ZVML31F1VKF               | Supplier                           | Distributor               |

Related Products

|                                                                                                                                                                                           |                                                                                                                                                                                           |                                                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>S912ZVML12F3VKHR</div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: MAGNIV 16-BIT MCU S12Z CORE 12</div> <div>In stock: 16774 pcs</div> <div>RFQ</div> | <div>S912ZVML31F1MKH</div> <div>Manufacturers: NXP</div> <div>Description: MAGNIV 16-BIT MCU S12Z CORE 32</div> <div>In stock: 19468 pcs</div> <div>RFQ</div>                             | <div>S912ZVML31F1MKF</div> <div>Manufacturers: NXP</div> <div>Description: MAGNIV 16-BIT MCU S12Z CORE 32</div> <div>In stock: 23344 pcs</div> <div>RFQ</div>                            |
| <div>S912ZVML31F1WKH</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 16BIT 32KB FLASH 64LQFP</div> <div>In stock: 11854 pcs</div> <div>RFQ</div>                             | <div>S912ZVML31F1WKFR</div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: MAGNIV 16-BIT MCU S12Z CORE 32</div> <div>In stock: 23768 pcs</div> <div>RFQ</div> | <div>S912ZVML32F1MKH</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 16BIT 32KB FLASH 64LQFP</div> <div>In stock: 6972 pcs</div> <div>RFQ</div>                             |
| <div>S912ZVML31F1MKFR</div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: MAGNIV 16-BIT MCU S12Z CORE 32</div> <div>In stock: 26049 pcs</div> <div>RFQ</div> | <div>S912ZVML12F3WKH</div> <div>Manufacturers: NXP</div> <div>Description: MAGNIV 16-BIT MCU S12Z CORE 12</div> <div>In stock: 8201 pcs</div> <div>RFQ</div>                              | <div>S912ZVML31F1WKF</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 16BIT 32KB FLASH 48LQFP</div> <div>In stock: 13055 pcs</div> <div>RFQ</div>                            |
| <div>S912ZVML12F3WKHR</div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: MAGNIV 16-BIT MCU S12Z CORE 12</div> <div>In stock: 16539 pcs</div> <div>RFQ</div> | <div>S912ZVML31F1WKHR</div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: MAGNIV 16-BIT MCU S12Z CORE 32</div> <div>In stock: 24318 pcs</div> <div>RFQ</div> | <div>S912ZVML32F1MKHR</div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: IC MCU 16BIT 32KB FLASH 64LQFP</div> <div>In stock: 5994 pcs</div> <div>RFQ</div> |