

NXP Semiconductors / Freescale

S912ZVMC64F1VKH

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | S912ZVMC64F1VKH                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 16BIT 64KB FLASH 64LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3533 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of S912ZVMC64F1VKH

|                                  |                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------|
| PART NUMBER                      | S912ZVMC64F1VKH                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                          |
| DESCRIPTION                      | IC MCU 16BIT 64KB FLASH 64LQFP                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                              |
| QUANTITY AVAILABLE               | 3533 pcs                                                                                |
| DATA SHEET                       |                                                                                         |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.5 V ~ 40 V                                                                            |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP-EP (10x10)                                                                      |
| SPEED                            | 50MHz                                                                                   |
| 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                   | 64-LQFP Exposed Pad                                                                     |
| OTHER NAMES                      | 935318547557                                                                            |
| OSCILLATOR TYPE                  | Internal                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                      |
| NUMBER OF I/O                    | 31                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                              |
| EEPROM SIZE                      | 512 x 8                                                                                 |
| DETAILED DESCRIPTION             | S12Z S12 MagniV Microcontroller IC 16-Bit 50MHz 64KB (64K x 8) FLASH 64-LQFP-EP (10x10) |
| DATA CONVERTERS                  | A/D 9x12b                                                                               |
| CORE SIZE                        | 16-Bit                                                                                  |
| CORE PROCESSOR                   | S12Z                                                                                    |
| CONNECTIVITY                     | CANbus, SCI, SPI                                                                        |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| S912ZVMC64F1VKH               | S912ZVMC64F1VKH Distributor        | S912ZVMC64F1VKH Supplier  |
| S912ZVMC64F1VKH Price         | S912ZVMC64F1VKH Pictures           | S912ZVMC64F1VKH Image     |
| S912ZVMC64F1VKH PDF Datasheet | S912ZVMC64F1VKH Download Datasheet | S912ZVMC64F1VKH Datasheet |
| S912ZVMC64F1VKH Stock         | Buy S912ZVMC64F1VKH                | Buy S912ZVMC64F1VKH       |
| S912ZVMC64F1VKH               | Supplier                           | Distributor               |

Related Products

|                                                                                    |                                                                                                                                 |                                                                                      |                                                                                                                                                              |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>S912ZVMC64F2WKH</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT FLASH<br>In stock: 3246 pcs<br><b>RFQ</b>             |  | <b>S912ZVMC64F2MKH</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT FLASH<br>In stock: 4662 pcs<br><b>RFQ</b>                                          |
|  | <b>S912ZVMC64F3MKH</b><br>Manufacturers: NXP<br>Description: S12Z CORE64K FLASHCAN64LQFP<br>In stock: 15792 pcs<br><b>RFQ</b>   |  | <b>S912ZVMC64F1MKHR</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br>In stock: 5561 pcs<br><b>RFQ</b>  |
|  | <b>S912ZVMC64F3VKH</b><br>Manufacturers: NXP<br>Description: S12Z CORE64K FLASHCAN64LQFP<br>In stock: 15251 pcs<br><b>RFQ</b>   |  | <b>S912ZVMC25F1WKKR</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: MAGNIV 16-BIT MCU S12Z CORE 25<br>In stock: 11663 pcs<br><b>RFQ</b> |
|  | <b>S912ZVMC64F2VKH</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT FLASH<br>In stock: 3601 pcs<br><b>RFQ</b>             |  | <b>S912ZVMC64F1WKH</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br>In stock: 6447 pcs<br><b>RFQ</b>                              |
|  | <b>S912ZVMC25F1MKK</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 256KB FLASH 80QFP<br>In stock: 9004 pcs<br><b>RFQ</b> |  | <b>S912ZVMC25F1VKK</b><br>Manufacturers: NXP<br>Description: MAGNIV 16-BIT MCU S12Z CORE 25<br>In stock: 13206 pcs<br><b>RFQ</b>                             |
|  | <b>S912ZVMC64F1MKH</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br>In stock: 5775 pcs<br><b>RFQ</b> |  | <b>S912ZVMC25F1WKK</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 256KB FLASH 80QFP<br>In stock: 9885 pcs<br><b>RFQ</b>                              |