

S912ZVML31F1WKH



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Part Number: [S912ZVML31F1WKH](#)
Manufacturer: [NXP Semiconductors / Freescale](#)
Description: IC MCU 16BIT 32KB FLASH 64LQFP
Data sheet: [MC9S12ZVC Family Datasheet, Manual](#)
[MC9S12ZVM-Family Reference Manual](#)
[S12ZVM Family Fact Sheet](#)

RoHS Status: Lead free / RoHS Compliant
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PRODUCT PARAMETER

Part Number	S912ZVML31F1WKH
Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 16BIT 32KB FLASH 64LQFP
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	20436 pcs
Product Photo	S912ZVML31F1WKH.jpg
Category	Integrated Circuits (ICs)
Voltage - Supply (Vcc/Vdd)	3.5 V ~ 40 V
Supplier Device Package	64-LQFP-EP (10x10)
Speed	40MHz
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	64-LQFP Exposed Pad
Other Names	935312981557
Oscillator Type	Internal
Operating Temperature	-40°C ~ 150°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	128 x 8
Detailed Description	S12Z S12 MagniV Microcontroller IC 16-Bit 40MHz 32KB (32K x 8) FLASH 64-LQFP-EP (10x10)
Data Converters	A/D 9x12b
Core Size	16-Bit
Core Processor	S12Z
Connectivity	LINbus, SCI, SPI

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