

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	18336 pcs	Data sheet	MC9S12ZVC Family Datasheet, Manual MC9S12ZVM-Family Reference Manual S12ZVM Family Fact Sheet
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)
Manufacturer Standard Lead Time	18 Weeks	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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