

S912ZVHL64F1VLQ



Part Number: [S912ZVHL64F1VLQ](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: MAGNIV 16-BIT MCU S12Z CORE 64

Data sheet:  [Mc9S12ZVHY, L Reference Manual](#)
 [MC9S12ZVC Family Datasheet, Manual](#)

RoHs Status:

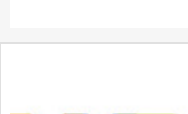
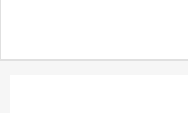
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PRODUCT PARAMETER			
Part Number	S912ZVHL64F1VLQ	Manufacturer	NXP Semiconductors / Freescale
Description	MAGNIV 16-BIT MCU S12Z CORE 64	Lead Free Status / RoHS Status	
Quantity Available	17983 pcs	Data sheet	Mc9S12ZVHY, L Reference Manual MC9S12ZVC Family Datasheet, Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4.5 V ~ 5.5 V
Supplier Device Package	144-LQFP (20x20)	Speed	32MHz
Series	S12 MagniV	RAM Size	4K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (64K x 8)
Peripherals	DMA, LCD, POR, PWM, WDT	Packaging	Tray
Package / Case	144-LQFP	Other Names	935325737557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	100	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	18 Weeks	EEPROM Size	2K x 8
Detailed Description	S12Z S12 MagniV Microcontroller IC 16-Bit 32MHz 64KB (64K x 8) FLASH 144-LQFP (20x20)	Data Converters	A/D 8x10b
Core Size	16-Bit	Core Processor	S12Z
Connectivity	CANbus, I ² C, LINbus, SCI, SPI		
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