

S912ZVH64F2CLQ



Part Number: [S912ZVH64F2CLQ](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 16BIT 64KB FLASH 144LQFP

Data sheet:  [MC9S12ZVC Family Datasheet, Manual](#)
 [S12ZVH Family Ref Manual](#)
 [S12ZVH Family Fact Sheet](#)

RoHs Status: Lead free / RoHS Compliant

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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	S912ZVH64F2CLQ	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 16BIT 64KB FLASH 144LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	16608 pcs	Data sheet	MC9S12ZVC Family Datasheet, Manual S12ZVH Family Ref Manual S12ZVH Family Fact Sheet
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	935322021557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	100	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	4K 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	Base Part Number	S912ZVH64
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	Part#: S912ZVHL64F1CLQ Description: MAGNIV 16-BIT MCU S12Z CORE 64	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S912ZVFP64F1CLL Description: IC MCU 16BIT 64KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S912ZVH64F2VLQ Description: IC MCU 16BIT 64KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S912ZVCA96F0VLF Description: IC MCU 16BIT 96KB FLASH 48LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S912ZVHL32F1VLL Description: MAGNIV 16-BIT MCU S12Z CORE 32	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S912ZVH128F2CLL Description: IC MCU 16BIT 128KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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