

S912ZVHY32F1CLL



Part Number: [S912ZVHY32F1CLL](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 16BIT 32KB FLASH 100LQFP

Data sheet:  [S12ZVHY/HL Family Ref Manual](#)
 [MC9S12ZVC Family Datasheet, Manual](#)
 [S12ZVH Family Fact Sheet](#)

RoHs Status: Lead free / RoHS Compliant

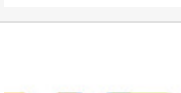
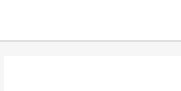
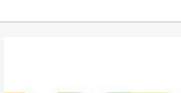
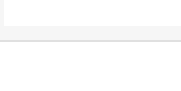
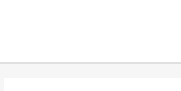
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PRODUCT PARAMETER			
Part Number	S912ZVHY32F1CLL	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 16BIT 32KB FLASH 100LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	22064 pcs	Data sheet	S12ZVHY/HL Family Ref Manual MC9S12ZVC Family Datasheet, Manual S12ZVH Family Fact Sheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4.5 V ~ 5.5 V
Supplier Device Package	100-LQFP (14x14)	Speed	32MHz
Series	S12 MagniV	RAM Size	2K x 8
Program Memory Type	FLASH	Program Memory Size	32KB (32K x 8)
Peripherals	DMA, LCD, POR, PWM, WDT	Packaging	Tray
Package / Case	100-LQFP	Other Names	935320283557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	73	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	2K x 8
Detailed Description	S12Z S12 MagniV Microcontroller IC 16-Bit 32MHz 32KB (32K x 8) FLASH 100-LQFP (14x14)	Data Converters	A/D 4x10b
Core Size	16-Bit	Core Processor	S12Z
Connectivity	CANbus, I ² C, LINbus, SCI, SPI	Base Part Number	S912ZVHY32
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RELATED PRODUCTS			
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	Part#: S912ZVHY32F1VLL Description: IC MCU 16BIT 32KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S912ZVHL64F1VLQ Description: MAGNIV 16-BIT MCU S12Z CORE 64	Manufacturers: NXP Semiconductors / Freescale	RFQ
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