

S912ZVCA64F0WKH



Part Number: [S912ZVCA64F0WKH](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 16BIT 64KB FLASH 64LQFP

Data sheet:  [MagniV Safety Devices Manual](#)
 [MC9S12ZVC Family Datasheet, Manual](#)
 [S12ZVC Family Factsheet](#)

RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	S912ZVCA64F0WKH	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 16BIT 64KB FLASH 64LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	22045 pcs	Data sheet	MagniV Safety Devices Manual MC9S12ZVC Family Datasheet, Manual S12ZVC Family Factsheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3.5 V ~ 40 V
Supplier Device Package	64-LQFP (10x10)	Speed	32MHz
Series	Automotive, AEC-Q100, S12 MagniV	RAM Size	4K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (64K x 8)
Peripherals	DMA, POR, PWM, WDT	Packaging	Tray
Package / Case	64-LQFP Exposed Pad	Other Names	935323896557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 150°C (TA)
Number of I/O	42	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	1K x 8
Detailed Description	S12Z Automotive, AEC-Q100, S12 MagniV Microcontroller IC 16-Bit 32MHz 64KB (64K x 8) FLASH 64-LQFP (10x10)	Data Converters	A/D 16x12b, D/A 1x8b
Core Size	16-Bit	Core Processor	S12Z
Connectivity	CANbus, I ² C, SCI, SPI		
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