

S912ZVCA96F0VLF



Part Number: [S912ZVCA96F0VLF](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 16BIT 96KB FLASH 48LQFP

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

RoHs Status: Lead free / RoHS Compliant

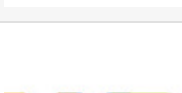
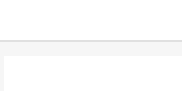
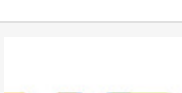
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PRODUCT PARAMETER			
Part Number	S912ZVCA96F0VLF	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 16BIT 96KB FLASH 48LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	30845 pcs	Data sheet	MagniV Safety 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	48-LQFP (7x7)	Speed	32MHz
Series	S12 MagniV	RAM Size	8K x 8
Program Memory Type	FLASH	Program Memory Size	96KB (96K x 8)
Peripherals	DMA, POR, PWM, WDT	Packaging	Tray
Package / Case	48-LQFP	Other Names	935316485557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	28	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	2K x 8
Detailed Description	HCS12Z S12 MagniV Microcontroller IC 16-Bit 32MHz 96KB (96K x 8) FLASH 48-LQFP (7x7)	Data Converters	A/D 10x12b, D/A 1x8b
Core Size	16-Bit	Core Processor	HCS12Z
Connectivity	CANbus, I ² C, SCI, SPI		
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	Part#: S912ZVP64F1VLQ Description: IC MCU 16BIT 64KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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