

S912ZVML12F1MKH



Part Number: [S912ZVML12F1MKH](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 16BIT 128KB FLASH 64LQFP

Data sheet:  [MC9S12ZVM-Family Ref Manual](#)
 [MC9S12ZVM-Family Reference Manual](#)
 [S12ZVM Family Fact Sheet](#)

RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	S912ZVML12F1MKH	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 16BIT 128KB FLASH 64LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4056 pcs	Data sheet	MC9S12ZVM-Family Ref Manual MC9S12ZVM-Family Reference Manual S12ZVM Family Fact Sheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3.5 V ~ 40 V
Supplier Device Package	64-LQFP-EP (10x10)	Speed	50MHz
Series	S12 MagniV	RAM Size	8K x 8
Program Memory Type	FLASH	Program Memory Size	128KB (128K x 8)
Peripherals	DMA, POR, PWM, WDT	Packaging	Tray
Package / Case	64-LQFP Exposed Pad	Other Names	935312564557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	31	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	512 x 8
Detailed Description	S12Z S12 MagniV Microcontroller IC 16-Bit 50MHz 128KB (128K x 8) FLASH 64-LQFP-EP (10x10)	Data Converters	A/D 9x12b
Core Size	16-Bit	Core Processor	S12Z
Connectivity	LINbus, SCI, SPI	Base Part Number	S912ZVML12
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