

S9S12VR48AF0MLC



Part Number: [S9S12VR48AF0MLC](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: MAGNIV 16-BIT MCU S12 CORE 48K

Data sheet:  [MC9S12VR Family Reference Manual](#)

RoHs Status:

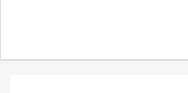
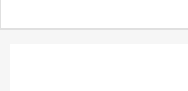
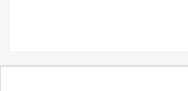
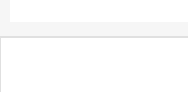
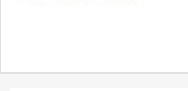
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PRODUCT PARAMETER			
Part Number	S9S12VR48AF0MLC	Manufacturer	NXP Semiconductors / Freescale
Description	MAGNIV 16-BIT MCU S12 CORE 48K	Lead Free Status / RoHS Status	
Quantity Available	36634 pcs	Data sheet	MC9S12VR Family Reference Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3.13 V ~ 5.5 V
Supplier Device Package	32-LQFP (7x7)	Speed	25MHz
Series	S12 MagniV	RAM Size	2K x 8
Program Memory Type	FLASH	Program Memory Size	48KB (48K x 8)
Peripherals	LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	32-LQFP	Other Names	935312205557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	16	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	18 Weeks	EEPROM Size	512 x 8
Detailed Description	12V1 S12 MagniV Microcontroller IC 16-Bit 25MHz 48KB (48K x 8) FLASH 32-LQFP (7x7)	Data Converters	A/D 2x10b
Core Size	16-Bit	Core Processor	12V1
Connectivity	IrDA, LINbus, SCI, SPI		
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