

MC9S12XF512MLH



Part Number: [MC9S12XF512MLH](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 16BIT 512KB FLASH 64LQFP

Data sheet:  [840F-02 Pkg Drawing](#)
 [MC9S12XF512 Manual](#)

RoHs Status: Lead free / RoHS Compliant

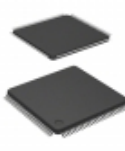
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PRODUCT PARAMETER			
Part Number	MC9S12XF512MLH	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 16BIT 512KB FLASH 64LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	6902 pcs	Data sheet	840F-02 Pkg Drawing MC9S12XF512 Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.72 V ~ 5.5 V
Supplier Device Package	64-LQFP (10x10)	Speed	50MHz
Series	HCS12X	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	64-LQFP	Other Names	935321303557
Oscillator Type	External	Operating Temperature	-40°C ~ 125°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	4K x 8
Detailed Description	HCS12X HCS12X Microcontroller IC 16-Bit 50MHz 512KB (512K x 8) FLASH 64-LQFP (10x10)	Data Converters	A/D 8x12b
Core Size	16-Bit	Core Processor	HCS12X
Connectivity	CANbus, SCI, SPI	Base Part Number	MC9S12XF512
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