



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

MC9S12XA512VAG

Part Number:	MC9S12XA512VAG
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 16BIT 512KB FLASH 144LQFP
	 1.MC9S12XA512VAG.pdf
	 2.MC9S12XA512VAG.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MC9S12XA512VAG

PART NUMBER	MC9S12XA512VAG
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 16BIT 512KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.MC9S12XA512VAG.pdf  2.MC9S12XA512VAG.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.35 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	80MHz
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	144-LQFP
OSCILLATOR TYPE	External
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	119
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 80MHz 512KB (512K x 8) FLASH 144-LQFP (20x20)
DATA CONVERTERS	A/D 24x10b
CORE SIZE	16-Bit
CORE PROCESSOR	HCS12X
CONNECTIVITY	EBI/EMI, I²C, IrDA, LINbus, SCI, SPI
BASE PART NUMBER	9S12XA512

Related Tags

NXP Semiconductors / Freescale MC9S12XA512VAG	MC9S12XA512VAG Distributor	MC9S12XA512VAG Supplier
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Related Products

 MC9S12XD256CAG Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 16BIT 256KB FLASH 144LQFP In stock: Out stock RFQ	 MC9S12XA512CAA Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 16BIT 512KB FLASH 80QFP In stock: Out stock RFQ
 MC9S12XA512VAL Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 16BIT 512KB FLASH 112LQFP In stock: Out stock RFQ	 MC9S12XA256VAG Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 16BIT 256KB FLASH 144LQFP In stock: Out stock RFQ
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