

NXP Semiconductors / Freescale

MC9S12XA512VAG

Part Number: [MC9S12XA512VAG](#)
 Manufacturer/Brand: NXP Semiconductors / Freescale
 Product description: IC MCU 16BIT 512KB FLASH 144LQFP
 Datasheets:
 RoHS Status: Lead free / RoHS Compliant
 Stock Condition: 4140 pcs stock
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

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
QUANTITY AVAILABLE	4140 pcs
DATA SHEET	
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, I ² C, IrDA, LINbus, SCI, SPI
BASE PART NUMBER	9S12XA512

Related Tags

MC9S12XA512VAG	MC9S12XA512VAG Distributor	MC9S12XA512VAG Supplier
MC9S12XA512VAG Price	MC9S12XA512VAG Pictures	MC9S12XA512VAG Image
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Related Products

	<p>MC9S12XA512VAL Manufacturers: NXP Description: IC MCU 16BIT 512KB FLASH 112LQFP In stock: 2989 pcs</p> <p>RFQ</p>		<p>MC9S12XD256CAG Manufacturers: NXP Description: IC MCU 16BIT 256KB FLASH 144LQFP In stock: 3802 pcs</p> <p>RFQ</p>
	<p>MC9S12XA512VAA Manufacturers: NXP Description: IC MCU 16BIT 512KB FLASH 80QFP In stock: 3486 pcs</p> <p>RFQ</p>		<p>MC9S12XA512CAL Manufacturers: NXP Description: IC MCU 16BIT 512KB FLASH 112LQFP In stock: 5403 pcs</p> <p>RFQ</p>
	<p>MC9S12XD256CAA Manufacturers: NXP Description: IC MCU 16BIT 256KB FLASH 80QFP In stock: 4400 pcs</p> <p>RFQ</p>		<p>MC9S12XA512CAA Manufacturers: NXP Description: IC MCU 16BIT 512KB FLASH 80QFP In stock: 5982 pcs</p> <p>RFQ</p>
	<p>MC9S12XA256VAL Manufacturers: NXP Description: IC MCU 16BIT 256KB FLASH 112LQFP In stock: 5456 pcs</p> <p>RFQ</p>		<p>MC9S12XA512CAG Manufacturers: NXP Description: IC MCU 16BIT 512KB FLASH 144LQFP In stock: 4061 pcs</p> <p>RFQ</p>
	<p>MC9S12XA256VAG Manufacturers: NXP Description: IC MCU 16BIT 256KB FLASH 144LQFP In stock: 3072 pcs</p> <p>RFQ</p>		<p>MC9S12XD128MAL Manufacturers: NXP Description: IC MCU 16BIT 128KB FLASH 112LQFP In stock: 8954 pcs</p> <p>RFQ</p>
	<p>MC9S12XD128CAA Manufacturers: NXP Description: IC MCU 16BIT 128KB FLASH 80QFP In stock: 6346 pcs</p> <p>RFQ</p>		<p>MC9S12XB128MAA Manufacturers: NXP Description: IC MCU 16BIT 128KB FLASH 80QFP In stock: 9422 pcs</p> <p>RFQ</p>

