

NXP Semiconductors / Freescale



MC9S12XEQ512CAG

Part Number:	MC9S12XEQ512CAG
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 16BIT 512KB FLASH 144LQFP
Datasheets:	
RoHS Status	 Lead free / RoHS Compliant
Stock Condition	5073 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

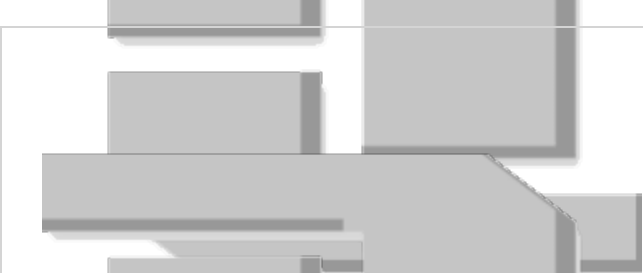
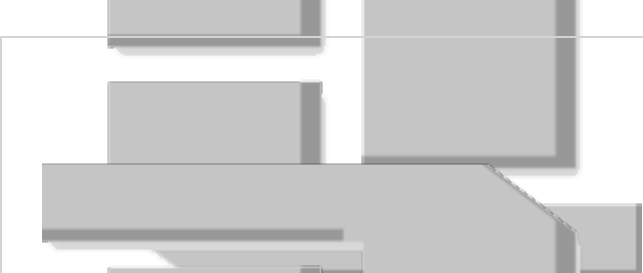
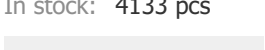
Specifications of MC9S12XEQ512CAG

PART NUMBER	MC9S12XEQ512CAG
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 16BIT 512KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	5073 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.72 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
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	144-LQFP
OTHER NAMES	568-14141 935322846557 MC9S12XEQ512CAG-ND
OSCILLATOR TYPE	External
OPERATING TEMPERATURE	-40°C ~ 85°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 50MHz 512KB (512K x 8) FLASH 144-LQFP (20x20)
DATA CONVERTERS	A/D 24x12b
CORE SIZE	16-Bit
CORE PROCESSOR	HCS12X
CONNECTIVITY	CANbus, EBI/EMI, I ² C, IrDA, SCI, SPI
BASE PART NUMBER	MC9S12XEQ512

Related Tags

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	MC9S12XEQ384CAL Manufacturers: NXP Description: IC MCU 16BIT 384KB FLASH 112LQFP In stock: 6706 pcs 	
	MC9S12XEQ384CAG Manufacturers: NXP Description: IC MCU 16BIT 384KB FLASH 144LQFP In stock: 8898 pcs 	MC9S12XEQ512MAA Manufacturers: NXP Description: IC MCU 16BIT 512KB FLASH 80QFP In stock: 4282 pcs 
	MC9S12XEQ384MAG Manufacturers: NXP Description: IC MCU 16BIT 384KB FLASH 144LQFP In stock: 6858 pcs 	MC9S12XEQ384VAG Manufacturers: NXP Description: IC MCU 16BIT 384KB FLASH 144LQFP In stock: 5271 pcs 
	MC9S12XEQ512MAG Manufacturers: NXP Description: IC MCU 16BIT 512KB FLASH 144LQFP In stock: 6167 pcs 	MC9S12XEQ512CAA Manufacturers: NXP Description: IC MCU 16BIT 512KB FLASH 80QFP In stock: 5872 pcs 
	MC9S12XEQ512CAL Manufacturers: NXP Description: IC MCU 16BIT 512KB FLASH 112LQFP In stock: 4991 pcs 	MC9S12XEQ384MAL Manufacturers: NXP Description: IC MCU 16BIT 384KB FLASH 112LQFP In stock: 6822 pcs 
	MC9S12XEQ512MAL Manufacturers: NXP Description: IC MCU 16BIT 512KB FLASH 112LQFP In stock: 4133 pcs 	MC9S12XEQ512CALR Manufacturers: NXP Semiconductors / Freescale Description: 16-BIT MCU S12X CORE 512KB FLA In stock: 6797 pcs 

