



NXP Semiconductors / Freescale



MC9S12XEQ512MAA

Part Number:MC9S12XEQ512MAA

Manufacturer/Brand:NXP Semiconductors / Freescale

Product description:IC MCU 16BIT 512KB FLASH 80QFP

Datasheets:[PDF MC9S12XEQ512MAA.pdf](#)

RoHS Status:Lead free / RoHS Compliant

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 MC9S12XEQ512MAA

PART NUMBER	MC9S12XEQ512MAA
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 16BIT 512KB FLASH 80QFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF MC9S12XEQ512MAA.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.72 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	80-QFP (14x14)
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	80-QFP
OTHER NAMES	935324265557
OSCILLATOR TYPE	External
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	59
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	12 Weeks
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 80-QFP (14x14)
DATA CONVERTERS	A/D 12x12b
CORE SIZE	16-Bit
CORE PROCESSOR	HCS12X
CONNECTIVITY	CANbus, EBI/EMI, I ² C, IrDA, SCI, SPI
BASE PART NUMBER	MC9S12XEQ512

Related Tags

NXP Semiconductors / Freescale MC9S12XEQ512MAA	MC9S12XEQ512MAA Distributor	MC9S12XEQ512MAA Supplier
MC9S12XEQ512MAA Price	MC9S12XEQ512MAA Pictures	MC9S12XEQ512MAA Image
MC9S12XEQ512MAA PDF Datasheet	MC9S12XEQ512MAA Download Datasheet	MC9S12XEQ512MAA Datasheet
MC9S12XEQ512MAA Stock	Buy MC9S12XEQ512MAA	Buy NXP Semiconductors / Freescale MC9S12XEQ512MAA
NXP Semiconductors / Freescale MC9S12XEQ512MAA	NXP Semiconductors / Freescale Supplier	NXP Semiconductors / Freescale Distributor
NXP Semiconductors / Freescale MC9S12XEQ512MAA	NXP Semiconductors MC9S12XEQ512MAA	Freescale MC9S12XEQ512MAA
Freescale Semiconductor - NXP MC9S12XEQ512MAA	NXP USA Inc. MC9S12XEQ512MAA	

Related Products

 MC9S12XEQ512CAL Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 16BIT 512KB FLASH 112LQFP In stock: Out stock RFQ	 MC9S12XEQ512MAL Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 16BIT 512KB FLASH 112LQFP In stock: 295 pcs RFQ
 MC9S12XEQ512MAG Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 16BIT 512KB FLASH 144LQFP In stock: Out stock RFQ	 MC9S12XET256MAA Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 16BIT 256KB FLASH 80QFP In stock: 514 pcs RFQ
 MC9S12XEQ512CAG Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 16BIT 512KB FLASH 144LQFP In stock: 300 pcs RFQ	 MC9S12XEQ512CAGR Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 16BIT 512KB FLASH 144LQFP In stock: Out stock RFQ
 MC9S12XEQ512CAA Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 16BIT 512KB FLASH 80QFP In stock: 891 pcs RFQ	 MC9S12XEQ384VAG Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 16BIT 384KB FLASH 144LQFP In stock: Out stock RFQ
 MC9S12XET256MAG Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 16BIT 256KB FLASH 144LQFP In stock: 838 pcs RFQ	 MC9S12XEQ512CALR Manufacturers: NXP Semiconductors / Freescale Description: 16-BIT MCU S12X CORE 512KB FLA In stock: Out stock RFQ
 MC9S12XEQ512VAA Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 16BIT 512KB FLASH 80QFP In stock: Out stock RFQ	 MC9S12XET256CAG Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 16BIT 256KB FLASH 144LQFP In stock: 297 pcs RFQ