



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

MC9S12XDP512MAG

Part Number:	MC9S12XDP512MAG
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 16BIT 512KB FLASH 144LQFP
Datasheets:	 MC9S12XDP512MAG.pdf
RoHS Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MC9S12XDP512MAG

PART NUMBER	MC9S12XDP512MAG
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 16BIT 512KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 MC9S12XDP512MAG.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
OTHER NAMES	935322671557
OSCILLATOR TYPE	External
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	119
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	10 Weeks
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	CANbus, EBI/EMI, I ² C, IrDA, LINbus, SCI, SPI
BASE PART NUMBER	MC9S12XDP512

Related Tags

NXP Semiconductors / Freescale MC9S12XDP512MAG	MC9S12XDP512MAG Distributor	MC9S12XDP512MAG Supplier
MC9S12XDP512MAG Price	MC9S12XDP512MAG Pictures	MC9S12XDP512MAG Image
MC9S12XDP512MAG PDF Datasheet	MC9S12XDP512MAG Download Datasheet	MC9S12XDP512MAG Datasheet
MC9S12XDP512MAG Stock	Buy MC9S12XDP512MAG	Buy NXP Semiconductors / Freescale MC9S12XDP512MAG
NXP Semiconductors / Freescale MC9S12XDP512MAG	NXP Semiconductors / Freescale Supplier	NXP Semiconductors / Freescale Distributor
NXP Semiconductors / Freescale MC9S12XDP512MAG	NXP Semiconductors MC9S12XDP512MAG	Freescale MC9S12XDP512MAG
Freescale Semiconductor - NXP MC9S12XDP512MAG	NXP USA Inc. MC9S12XDP512MAG	

Related Products

 MC9S12XDG128CAL Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 16BIT 128KB FLASH 112LQFP In stock: Out stock RFQ	 MC9S12XDP512VAL Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 16BIT 512KB FLASH 112LQFP In stock: 250 pcs RFQ
 MC9S12XDG128MAA Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 16BIT 128KB FLASH 80QFP In stock: Out stock RFQ	 MC9S12XDG128MAL Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 16BIT 128KB FLASH 112LQFP In stock: Out stock RFQ
 MC9S12XDT256CAAR Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 16BIT 256KB FLASH 80QFP In stock: Out stock RFQ	 MC9S12XDP512CAL Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 16BIT 512KB FLASH 112LQFP In stock: 32 pcs RFQ
 MC9S12XDG128CAA Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 16BIT 128KB FLASH 80QFP In stock: Out stock RFQ	 MC9S12XDT256CAA Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 16BIT 256KB FLASH 80QFP In stock: 284 pcs RFQ
 MC9S12XDT256CAG Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 16BIT 256KB FLASH 144LQFP In stock: Out stock RFQ	 MC9S12XDP512MAL Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 16BIT 512KB FLASH 112LQFP In stock: 109 pcs RFQ
 MC9S12XDP512CAG Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 16BIT 512KB FLASH 144LQFP In stock: Out stock RFQ	 MC9S12XDP512VAG Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 16BIT 512KB FLASH 144LQFP In stock: 300 pcs RFQ