

NXP Semiconductors / Freescale



MC9S12XDT512CAA

Part Number:	MC9S12XDT512CAA
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 16BIT 512KB FLASH 80QFP
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	3279 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

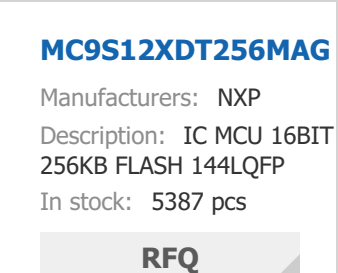
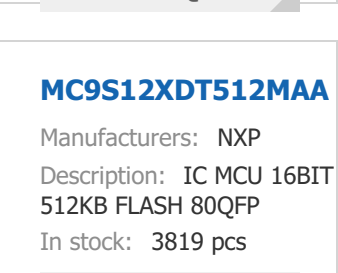
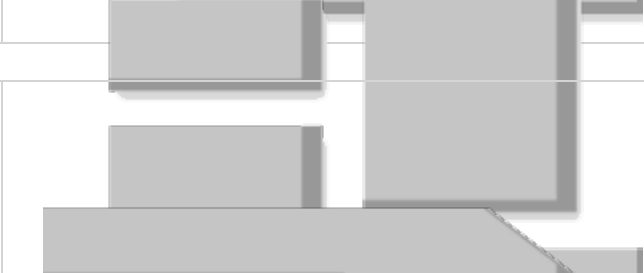
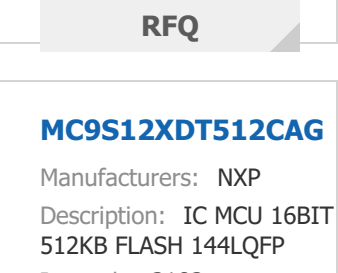
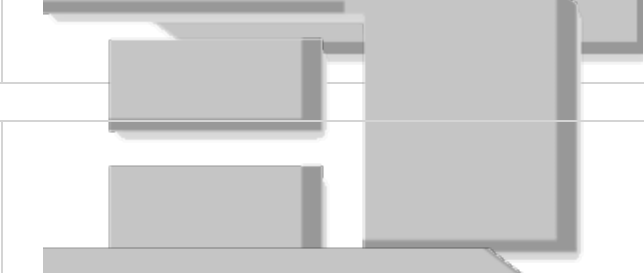
Specifications of MC9S12XDT512CAA

PART NUMBER	MC9S12XDT512CAA
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 16BIT 512KB FLASH 80QFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	3279 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	2.35 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	80-QFP (14x14)
SPEED	80MHz
SERIES	HCS12X
RAM SIZE	20K 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	935313599557
OSCILLATOR TYPE	External
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	59
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 80-QFP (14x14)
DATA CONVERTERS	A/D 8x10b
CORE SIZE	16-Bit
CORE PROCESSOR	HCS12X
CONNECTIVITY	CANbus, EBI/EMI, I ² C, IrDA, LINbus, SCI, SPI
BASE PART NUMBER	9S12XDT512

Related Tags

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Related Products

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 MC9S12XDT512MAL Manufacturers: NXP Description: IC MCU 16BIT 512KB FLASH 112LQFP In stock: 3789 pcs	 MC9S12XDT512CAG Manufacturers: NXP Description: IC MCU 16BIT 512KB FLASH 144LQFP In stock: 3183 pcs	 MC9S12XDT256MAL Manufacturers: NXP Description: IC MCU 16BIT 256KB FLASH 112LQFP In stock: 4288 pcs
 MC9S12XDT512CAL Manufacturers: NXP Description: IC MCU 16BIT 512KB FLASH 112LQFP In stock: 3657 pcs	 MC9S12XDT256VAA Manufacturers: NXP Description: IC MCU 16BIT 256KB FLASH 80QFP In stock: 4963 pcs	 MC9S12XDT512MAG Manufacturers: NXP Description: IC MCU 16BIT 512KB FLASH 144LQFP In stock: 4323 pcs
 MC9S12XDT256VAG Manufacturers: NXP Description: IC MCU 16BIT 256KB FLASH 144LQFP In stock: 6776 pcs	 MC9S12XDT256MAA Manufacturers: NXP Description: IC MCU 16BIT 256KB FLASH 80QFP In stock: 4820 pcs	

