

NXP Semiconductors / Freescale

MC9S12XD256CAL

Part Number:	MC9S12XD256CAL
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 16BIT 256KB FLASH 112LQFP
Datasheets:	
RoHS Status	 Lead free / RoHS Compliant
Stock Condition	4511 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MC9S12XD256CAL

PART NUMBER	MC9S12XD256CAL
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 16BIT 256KB FLASH 112LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	4511 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	2.35 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	112-LQFP (20x20)
SPEED	80MHz
SERIES	HCS12X
RAM SIZE	14K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	112-LQFP
OTHER NAMES	935313581557
OSCILLATOR TYPE	External
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	91
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 256KB (256K x 8) FLASH 112-LQFP (20x20)
DATA CONVERTERS	A/D 16x10b
CORE SIZE	16-Bit
CORE PROCESSOR	HCS12X
CONNECTIVITY	CANbus, EBI/EMI, I ² C, IrDA, LINbus, SCI, SPI
BASE PART NUMBER	9S12XD256

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	MC9S12XD256VAA Manufacturers: NXP Description: IC MCU 16BIT 256KB FLASH 80QFP In stock: 7070 pcs RFQ		MC9S12XD256MAG Manufacturers: NXP Description: IC MCU 16BIT 256KB FLASH 144LQFP In stock: 2900 pcs RFQ
	MC9S12XD256MAA Manufacturers: NXP Description: IC MCU 16BIT 256KB FLASH 80QFP In stock: 4510 pcs RFQ		MC9S12XD256MAL Manufacturers: NXP Description: IC MCU 16BIT 256KB FLASH 112LQFP In stock: 6528 pcs RFQ
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	MC9S12XD128CAA Manufacturers: NXP Description: IC MCU 16BIT 128KB FLASH 80QFP In stock: 6346 pcs RFQ		MC9S12XB128MAA Manufacturers: NXP Description: IC MCU 16BIT 128KB FLASH 80QFP In stock: 9422 pcs RFQ