

	<p><b>MC9S12XD256CAL</b></p>
	<p><b>Manufacturer Part Number:</b> <a href="#">MC9S12XD256CAL</a></p> <p><b>Manufacturer/Brand:</b> <a href="#">NXP Semiconductors / Freescale</a></p> <p><b>Part of Description:</b> IC MCU 16BIT 256KB FLASH 112LQFP</p> <p><b>Datasheets:</b>  <a href="#">MC9S12XD256CAL.pdf</a></p> <p><b>RoHS Status:</b>  Lead free / RoHS</p> <p><b>Stock Condition:</b> Compliant New original, 2292 pcs Stock Available.</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>
<p>Image may be representation. See specs for product details.</p>	

### Specifications

Part Number	<a href="#">MC9S12XD256CAL</a>
Manufacturer	<a href="#">NXP Semiconductors / Freescale</a>
Description	IC MCU 16BIT 256KB FLASH 112LQFP
Category	<a href="#">Integrated Circuits (ICs) &gt; Embedded - Microcontrollers</a>
Part Status	2292 pcs Stock
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
Oscillator Type	External
Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	91
EEPROM Size	4K x 8
Data Converters	A/D 16x10b
Core Size	16-Bit
Core Processor	HCS12X
Connectivity	CAN, EBI/EMI, I <sup>2</sup> C, IrDA, LIN, SCI, SPI

### You May Be Also Be interested

In:

 <p><b>MC9S12XD256VAA</b> NXP USA Inc. IC MCU 16BIT 256KB FLASH 80QFP</p>	 <p><b>MC9S12XD128CAA IC</b> FREESCALE FREESCALE QFP</p>	 <p><b>MC9S12XD128CAL</b> FREESCALE MC9S12XD128CAL FREESCALE</p>	 <p><b>MC9S12XD128MAL</b> NXP USA Inc. IC MCU 16BIT 128KB FLASH 112LQFP</p>
 <p><b>MC9S12XD256MAL</b> NXP USA Inc. IC MCU 16BIT 256KB FLASH 112LQFP</p>	 <p><b>MC9S12XD256MAG</b> NXP USA Inc. IC MCU 16BIT 256KB FLASH 144LQFP</p>	 <p><b>MC9S12XD256CAG</b> NXP USA Inc. IC MCU 16BIT 256KB FLASH 144LQFP</p>	 <p><b>MC9S12XD256VAG</b> NXP USA Inc. IC MCU 16BIT 256KB FLASH 144LQFP</p>

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