



**MK40DX256VMD10**

Manufacturer Part Number:	MK40DX256VMD10
Manufacturer / Brand	NXP Semiconductors / Freescale
Part of Description:	IC MCU 32BIT 256KB FLASH 144BGA
Datasheets:	<a href="#">MK40DX256VMD10(1).pdf</a> <a href="#">MK40DX256VMD10(2).pdf</a> <a href="#">MK40DX256VMD10(3).pdf</a> <a href="#">MK40DX256VMD10(4).pdf</a>
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 100 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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The specifications of MK40DX256VMD10

Part Number	MK40DX256VMD10	Manufacturer / Brand	NXP Semiconductors / Freescale
Series	Kinetis K40	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Base Part Number	MK40DX256	Package / Case	144-LBGA
Packaging	Tray	Supplier Device Package	144-MAPBGA (13x13)
Operating Temperature	-40°C ~ 105°C (TA)	Detailed Description	ARM® Cortex®-M4 Kinetis K40 Microcontroller IC 32-Bit 100MHz 256KB (256K x 8) FLASH 144-MAPBGA (13x13)
Peripherals	DMA, PS, LCD, LVD, POR, PWM, WDT	Core Processor	ARM® Cortex®-M4
Speed	100MHz	Number of I/O	98
EEPROM Size	4K x 8	RAM Size	64K x 8
Core Size	32-Bit	Connectivity	CANbus, EBI/EMI, PC, IrDA, SD, SPI, UART/USART, USB, USB OTG
Program Memory Size	256KB (256K x 8)	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V	Data Converters	A/D 42x16b, D/A 2x12b
Oscillator Type	Internal	Other Names	935319899557
Stock Quantity	100 pcs Stock	Category	<a href="#">Integrated Circuits (ICs) &gt; Embedded - Microcontrollers</a>
Description	IC MCU 32BIT 256KB FLASH 144BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant

Keywords realted to MK40DX256VMD10

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