

NXP Semiconductors / Freescale

### MK40DX128VLH7

Part Number:	MK40DX128VLH7
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MCU 32BIT 128KB FLASH 64LQFP
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	12637 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

**REQUEST FOR QUOTATION**

Image may be representation. See specifications for product details.

#### Specifications of MK40DX128VLH7

PART NUMBER	MK40DX128VLH7
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 128KB FLASH 64LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	12637 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-LQFP (10x10)
SPEED	72MHz
SERIES	Kinetis K40
RAM SIZE	32K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	128KB (128K x 8)
PERIPHERALS	DMA, I <sup>2</sup> S, LCD, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	64-LQFP
OTHER NAMES	935325676557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	36
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	2K x 8
DETAILED DESCRIPTION	ARM® Cortex®-M4 Kinetis K40 Microcontroller IC 32-Bit 72MHz 128KB (128K x 8) FLASH 64-LQFP (10x10)
DATA CONVERTERS	A/D 18x16b, D/A 1x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, I <sup>2</sup> C, IrDA, SPI, UART/USART, USB, USB OTG
BASE PART NUMBER	MK40DX128

#### Related Tags

MK40DX128VLH7	MK40DX128VLH7 Distributor	MK40DX128VLH7 Supplier
MK40DX128VLH7 Price	MK40DX128VLH7 Pictures	MK40DX128VLH7 Image
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#### Related Products

	<p><b>MK40DN512ZVLL10</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 512KB FLASH 100LQFP</p> <p>In stock: 10991 pcs</p> <p><b>RFQ</b></p>		<p><b>MK40DX128VMC7</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 128KB FLASH 121BGA</p> <p>In stock: 15484 pcs</p> <p><b>RFQ</b></p>
	<p><b>MK40DN512ZVLQ10</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 512KB FLASH 144LQFP</p> <p>In stock: 6879 pcs</p> <p><b>RFQ</b></p>		<p><b>MK40DX128VLL7</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 128KB FLASH 100LQFP</p> <p>In stock: 10408 pcs</p> <p><b>RFQ</b></p>
	<p><b>MK40DN512VLL10</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 512KB FLASH 100LQFP</p> <p>In stock: 7981 pcs</p> <p><b>RFQ</b></p>		<p><b>MK40DX128VMB7</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 128KB FLASH 81BGA</p> <p>In stock: 2820 pcs</p> <p><b>RFQ</b></p>
	<p><b>MK40DX128ZVLQ10</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 128KB FLASH 144LQFP</p> <p>In stock: 10191 pcs</p> <p><b>RFQ</b></p>		<p><b>MK40DN512ZVMD10</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 512KB FLASH 144BGA</p> <p>In stock: 7882 pcs</p> <p><b>RFQ</b></p>
	<p><b>MK40DX128VMD10</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 128KB FLASH 144BGA</p> <p>In stock: 7151 pcs</p> <p><b>RFQ</b></p>		<p><b>MK40DX128VLK7</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 128KB FLASH 80LQFP</p> <p>In stock: 9885 pcs</p> <p><b>RFQ</b></p>
	<p><b>MK40DN512VLQ10</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 512KB FLASH 144LQFP</p> <p>In stock: 6602 pcs</p> <p><b>RFQ</b></p>		<p><b>MK40DN512VMD10</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 512KB FLASH 144BGA</p> <p>In stock: 7834 pcs</p> <p><b>RFQ</b></p>