

NXP Semiconductors / Freescale

MK40DX64VLK7

Part Number:	MK40DX64VLK7
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MCU 32BIT 64KB FLASH 80LQFP
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	11267 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

Specifications of MK40DX64VLK7

PART NUMBER	MK40DX64VLK7
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 64KB FLASH 80LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	11267 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	80-LQFP (12x12)
SPEED	72MHz
SERIES	Kinetis K40
RAM SIZE	16K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	DMA, I ² S, LCD, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	80-LQFP
OTHER NAMES	935317661557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	52
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 64KB (64K x 8) FLASH 80-LQFP (12x12)
DATA CONVERTERS	A/D 27x16b, D/A 1x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, I ² C, IrDA, SPI, UART/USART, USB, USB OTG
BASE PART NUMBER	MK40DX64

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<p>MK4221FE-R52 Manufacturers: Ohmite Description: RES 4.22K OHM 1/4W 1% AXIAL In stock: 11514549 pcs</p> <p>RFQ</p>	<p>MK40DX256ZVMD10 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 144BGA In stock: 9119 pcs</p> <p>RFQ</p>
<p>MK40DX64VMB7 Manufacturers: NXP Description: IC MCU 32BIT 64KB FLASH 81MAPBGA In stock: 3277 pcs</p> <p>RFQ</p>	<p>MK40DX256ZVLQ10 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 144LQFP In stock: 10129 pcs</p> <p>RFQ</p>
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<p>MK4220FE-R52 Manufacturers: Ohmite Description: RES 422 OHM 1/4W 1% AXIAL In stock: 8849186 pcs</p> <p>RFQ</p>	<p>MK40DX64VLH7 Manufacturers: NXP Description: IC MCU 32BIT 64KB FLASH 64LQFP In stock: 12193 pcs</p> <p>RFQ</p>