

MK30DX64VLK7R



Part Number: [MK30DX64VLK7R](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 64KB FLASH 80LQFP

Data sheet:  [K30_LK7 Ref Manual](#)
 [K30_LK7 Datasheet](#)
 [K30 Sub-Family](#)
 [K30 系列产品概述](#)
 [K30 Family Fact Sheet](#)

RoHs Status: Lead free / RoHS Compliant

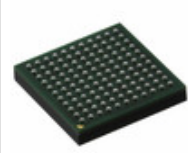
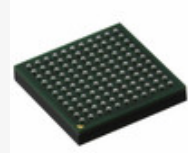
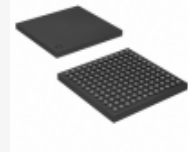
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PRODUCT PARAMETER			
Part Number	MK30DX64VLK7R	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 64KB FLASH 80LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	20864 pcs	Data sheet	K30_LK7 Ref Manual K30_LK7 Datasheet K30 Sub-Family K30 系列产品概述 K30 Family Fact Sheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	80-LQFP (12x12)	Speed	72MHz
Series	Kinetis K30	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	Tape & Reel (TR)
Package / Case	80-LQFP	Other Names	935321747528
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	56	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 K30 Microcontroller IC 32-Bit 72MHz 64KB (64K x 8) FLASH 80-LQFP (12x12)	Data Converters	A/D 31x16b, D/A 1x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4
Connectivity	CANbus, I ² C, IrDA, SD, SPI, UART/USART	Base Part Number	MK30DX64
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	Part#: MK30DX256VMC7 Description: IC MCU 32BIT 256KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK3200GLF Description: IC CLOCK OSC 32.768KHZ 8MSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: MK3200SI Description: IC CLOCK OSC 32.768KHZ 8-SOIC	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: MK30DX256VLL7 Description: IC MCU 32BIT 256KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK3200S Description: IC CLOCK OSC 32.768KHZ 8-SOIC	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: MK3200SITR Description: IC CLOCK OSC 32.768KHZ 8-SOIC	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: MK30DX256VLL7R Description: KINETIS K 32-BIT MCU ARM CORTEX	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK3200GLFT Description: IC CLOCK OSC 32.768KHZ 8MSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: MK30DX64VLK7 Description: IC MCU 32BIT 64KB FLASH 80LQFP	Manufacturers: NXP USA Inc.	RFQ
	Part#: MK30DX64VMC7 Description: IC MCU 32BIT 64KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK30DX256VLK7 Description: IC MCU 32BIT 256KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK3200SILFTR Description: IC CLOCK OSC 32.768KHZ 8-SOIC	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: MK30DX256VLQ10 Description: IC MCU 32BIT 256KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK30R1FE-R52 Description: RES 30.1 OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK30DX256ZVLQ10 Description: IC MCU 32BIT 256KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK30DX64VMB7 Description: IC MCU 32BIT 64KB FLASH 81MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK30DX256VMB7 Description: IC MCU 32BIT 256KB FLASH 81BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK30DX256ZVMD10 Description: IC MCU 32BIT 256KB FLASH 144BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK30DX64VLH7 Description: IC MCU 32BIT 64KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK3200SILF Description: IC CLOCK OSC 32.768KHZ 8-SOIC	Manufacturers: IDT (Integrated Device Technology)	RFQ

Related keywords for MK30DX64VLK7R

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