

MK30DX64VLK7



Part Number: [MK30DX64VLK7](#)

Manufacturer: [NXP USA Inc.](#)

Description: IC MCU 32BIT 64KB FLASH 80LQFP

Data sheet:  [K30 Family Fact Sheet](#)
 [K30 Family Brief](#)
 [K30 Sub-Family](#)
 [K30_LK7 Datasheet](#)
 [K30_LK7 Ref Manual](#)

RoHS Status: Lead free / RoHS Compliant

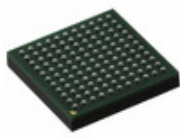
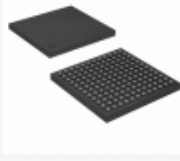
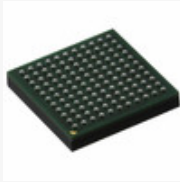
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MK30DX64VLK7	Manufacturer	NXP USA Inc.
Description	IC MCU 32BIT 64KB FLASH 80LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	19939 pcs	Data sheet	K30 Family Fact Sheet K30 Family Brief K30 Sub-Family K30_LK7 Datasheet K30_LK7 Ref Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	FLASH
Voltage - Breakdown	80-LQFP (12x12)	Series	Kinetis K30
RoHS Status	Tray	Reverse Recovery Time (trr)	72MHz
Requires	DMA, I²S, LCD, LVD, POR, PWM, WDT	Program Memory Type	64KB (64K x 8)
Program Memory Size	CAN, I²C, IrDA, SD, SPI, UART/USART	Polarization	80-LQFP
Other Names	935321747557	Oscillator Type	A/D 31x16b, D/A 1x12b
Operating Temperature	-40°C ~ 105°C (TA)	Operating System	ARM® Cortex®-M4
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	10 Weeks
Manufacturer Part Number	MK30DX64VLK7	Expanded Description	ARM® Cortex®-M4 Kinetis K30 Microcontroller IC 32-Bit 72MHz 64KB (64K x 8) FLASH 80-LQFP (12x12)
Description	IC MCU 32BIT 64KB FLASH 80LQFP	Data SRAM Bytes	2K x 8
Data Converters	1.71 V ~ 3.6 V	Core Size	16K x 8
Controller Series	Internal	Connectivity	32-Bit
Clock Rate	56		
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RELATED PRODUCTS			
	Part#: MK30DX64VMC7 Description: IC MCU 32BIT 64KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK30R1FE-R52 Description: RES 30.1 OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK30DX64VLH7 Description: IC MCU 32BIT 64KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK3200SILFTR Description: IC CLOCK OSC 32.768KHZ 8-SOIC	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: MK3200SI Description: IC CLOCK OSC 32.768KHZ 8-SOIC	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: MK30DX256ZVMD10 Description: IC MCU 32BIT 256KB FLASH 144BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK30DX64VLK7R Description: IC MCU 32BIT 64KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK30DX256VLH7 Description: IC MCU 32BIT 256KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK3200GLFT Description: IC CLOCK OSC 32.768KHZ 8MSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: MK30DX256VLL7 Description: IC MCU 32BIT 256KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK30DX256VLK7 Description: IC MCU 32BIT 256KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK30DX256VMC7 Description: IC MCU 32BIT 256KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK30DX256ZVLQ10 Description: IC MCU 32BIT 256KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK3200SILF Description: IC CLOCK OSC 32.768KHZ 8-SOIC	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: MK30DX256VMB7 Description: IC MCU 32BIT 256KB FLASH 81BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK3200S 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#: MK3200GLF Description: IC CLOCK OSC 32.768KHZ 8MSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: MK30DX256VLQ10 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

Related keywords for MK30DX64VLK7

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