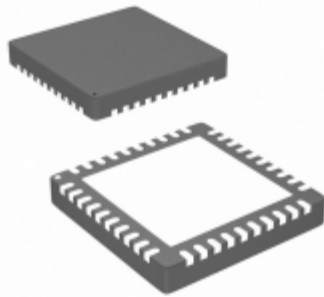


MK10DX64VFM5



Images are for reference only.
See Product Specifications for product details.
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Part Number: [MK10DX64VFM5](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 64KB FLASH 32QFN

Data sheet:  [K10_FM5 Datasheet](#)
 [K10_FM5 Ref Manual](#)
 [K10 Family Fact Sheet](#)

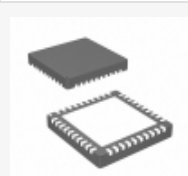
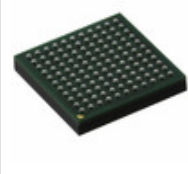
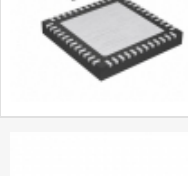
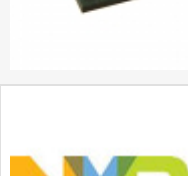
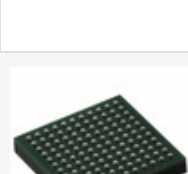
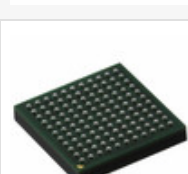
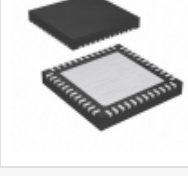
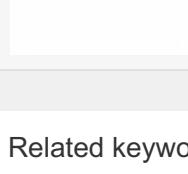
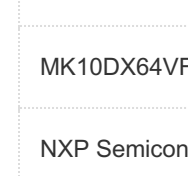
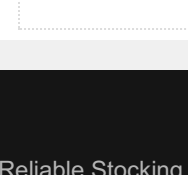
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	MK10DX64VFM5	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 64KB FLASH 32QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	29554 pcs	Data sheet	K10_FM5 Datasheet K10_FM5 Ref Manual K10 Family Fact Sheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	32-QFN-EP (5x5)	Speed	50MHz
Series	Kinetis K10	RAM Size	16K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (64K x 8)
Peripherals	DMA, I ² S, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	32-VFQFN Exposed Pad	Other Names	935325661557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	24	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	16 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	2K x 8	Detailed Description	ARM® Cortex®-M4 Kinetis K10 Microcontroller IC 32-Bit 50MHz 64KB (64K x 8) FLASH 32-QFN-EP (5x5)
Data Converters	A/D 10x16b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M4	Connectivity	I ² C, IrDA, SPI, UART/USART
Base Part Number	MK10DX64		
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	Part#: MK10DX256VMD10 Description: IC MCU 32BIT 256KB FLASH 144BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK10FN1MOVLQ12 Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK10DX256ZVLQ10R Description: IC MCU 32BIT 256KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK10DX256ZVMD10 Description: IC MCU 32BIT 256KB FLASH 144BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK10DX64VLF5 Description: IC MCU 32BIT 64KB FLASH 48LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK10DX32VFM5 Description: IC MCU 32BIT 32KB FLASH 32QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK10DX256VML7 Description: IC MCU 32BIT 256KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK10DX64VLH5 Description: IC MCU 32BIT 64KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK10DX64VFT5 Description: IC MCU 32BIT 64KB FLASH 48QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK10DX64VMP5 Description: IC MCU 32BIT 64KB FLASH 64MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK10DX64VLK7 Description: IC MCU 32BIT 64KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK10DX64VMC7 Description: IC MCU 32BIT 64KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK10DX64VMB7 Description: IC MCU 32BIT 64KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK10DX64VLH7 Description: IC MCU 32BIT 64KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK10DX32VFT5 Description: IC MCU 32BIT 32KB FLASH 48QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK10DX32VLF5 Description: IC MCU 32BIT 32KB FLASH 48LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK10DX256ZVLQ10 Description: IC MCU 32BIT 256KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK10DX32VMP5 Description: IC MCU 32BIT 32KB FLASH 64MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ

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