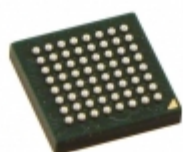


MK20DX64VMP5



Part Number: [MK20DX64VMP5](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 64KB FLASH 64MAPBGA

Data sheet:  [K2x USB MCU Family Fact Sheet](#)
 [K20_LH/MP5 Ref Manual](#)
 [K20_LH/MP5 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

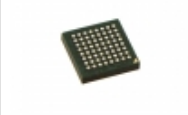
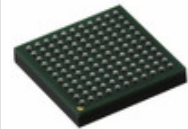
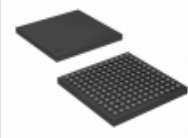
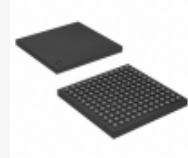
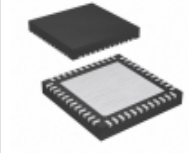
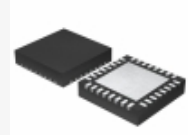
Ship From: Hong Kong

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

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	MK20DX64VMP5	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 64KB FLASH 64MAPBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	20588 pcs	Data sheet	K2x USB MCU Family Fact Sheet K20_LH/MP5 Ref Manual K20_LH/MP5 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	64-MAPBGA (5x5)	Speed	50MHz
Series	Kinetis K20	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	64-LFBGA	Other Names	935319904557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	40	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 K20 Microcontroller IC 32-Bit 50MHz 64KB (64K x 8) FLASH 64-MAPBGA (5x5)	Data Converters	A/D 13x16b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4
Connectivity	I ² C, IrDA, SPI, UART/USART, USB, USB OTG	Base Part Number	MK20DX64
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	Part#: MK21-1A71B-500W Description: SENSOR REED SW SPST-NO W LEADS	Manufacturers: Standex-Meder Electronics	RFQ
	Part#: MK20R5FE-R52 Description: RES 20.5 OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK21-1A66B-500W Description: SENSOR REED SW SPST-NO W LEADS	Manufacturers: Standex-Meder Electronics	RFQ
	Part#: MK20DX64VLF5 Description: IC MCU 32BIT 64KB FLASH 48LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK21-1A66C-500W Description: SENSOR REED SW SPST-NO W LEADS	Manufacturers: Standex-Meder Electronics	RFQ
	Part#: MK20FX512VLQ12 Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK20DX32VMP5 Description: IC MCU 32BIT 32KB FLASH 64MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK20DX32VLH5 Description: IC MCU 32BIT 32KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK20DX64VMB7 Description: IC MCU 32BIT 64KB FLASH 81MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK20DX64VLH7 Description: IC MCU 32BIT 64KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK20DX64VMC7 Description: IC MCU 32BIT 64KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK20FN1M0VLQ12 Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK20FN1M0VLQ12R Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK20R0FE-R52 Description: RES 20 OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK20FN1M0VMD12 Description: IC MCU 32BIT 1MB FLASH 144MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK20FX512VMD12 Description: IC MCU 32BIT 512KB FLASH 144BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK20DX64VFT5 Description: IC MCU 32BIT 64KB FLASH 48QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK20DX64VFM5 Description: IC MCU 32BIT 64KB FLASH 32QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ

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