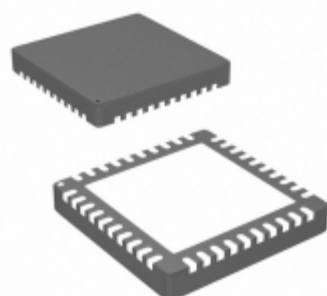


MK20DN32VFM5



Images are for reference only.
See Product Specifications for product details.
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Part Number: [MK20DN32VFM5](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 32KB FLASH 32QFN

Data sheet:  [K2x USB MCU Family Fact Sheet](#)
 [K20_FM5 Datasheet](#)
 [K20_FM5 Ref Manual](#)

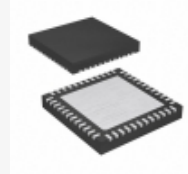
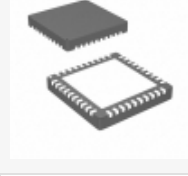
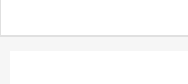
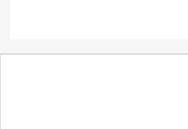
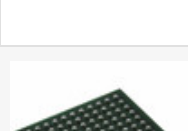
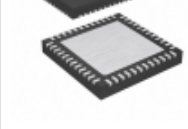
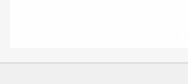
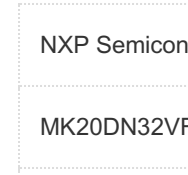
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	MK20DN32VFM5	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 32KB FLASH 32QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	28277 pcs	Data sheet	K2x USB MCU Family Fact Sheet K20_FM5 Datasheet K20_FM5 Ref Manual
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 K20	RAM Size	8K x 8
Program Memory Type	FLASH	Program Memory Size	32KB (32K x 8)
Peripherals	DMA, I ² S, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	32-VFQFN Exposed Pad	Other Names	935319916557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	20	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	16 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M4 Kinetis K20 Microcontroller IC 32-Bit 50MHz 32KB (32K x 8) FLASH 32-QFN-EP (5x5)
Data Converters	A/D 6x16b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M4	Connectivity	I ² C, IrDA, SPI, UART/USART, USB, USB OTG
Base Part Number	MK20DN32		
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	Part#: MK20DN512VLK10R Description: KINETIS K 32-BIT MCU ARM CORTEX	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK20DN128VFM5 Description: IC MCU 32BIT 128KB FLASH 32QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK20DN512VLQ10 Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK2069-01GITR Description: IC VCXO CLK SYNCHRONIZER 56TSSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: MK20DN32VLH5 Description: IC MCU 32BIT 32KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK20DN128VMP5 Description: IC MCU 32BIT 128KB FLASH 64BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK20DN512VLL10 Description: IC MCU 32BIT 512KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK20DN32VLF5 Description: IC MCU 32BIT 32KB FLASH 48LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK20DN128VLH5 Description: IC MCU 32BIT 128KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK2069-04GILF Description: IC CLOCK SYNTHESIZER 56-TSSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: MK2069-04GITR Description: IC VCXO CLK TRANSLATOR 56-TSSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: MK20DN512VMC10 Description: IC MCU 32BIT 512KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK20DN512VMD10 Description: IC MCU 32BIT 512KB FLASH 144BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK2069-04GILFTR Description: IC VCXO CLK TRANSLATOR 56-TSSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: MK20DN32VFT5 Description: IC MCU 32BIT 32KB FLASH 48QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK2069-04GI Description: IC VCXO CLK TRANSLATOR 56-TSSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: MK20DN128VLF5 Description: IC MCU 32BIT 128KB FLASH 48LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK20DN32VMP5 Description: IC MCU 32BIT 32KB FLASH 64MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ

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