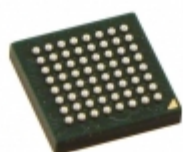


MK20DX128VMP5



Part Number: [MK20DX128VMP5](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 128KB FLASH 64BGA

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

RoHs Status: Lead free / RoHS Compliant

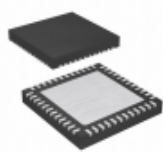
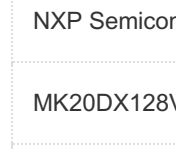
Ship From: Hong Kong

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Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	MK20DX128VMP5	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 128KB FLASH 64BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	22057 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	128KB (128K x 8)
Peripherals	DMA, I ² S, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	64-LFBGA	Other Names	935317593557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	40	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 K20 Microcontroller IC 32-Bit 50MHz 128KB (128K 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	MK20DX128		
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	Part#: MK20DX256VLL7 Description: IC MCU 32BIT 256KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK20DN64VMP5 Description: IC MCU 32BIT 64KB FLASH 64MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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