

MK20DX256VML7



Part Number: [MK20DX256VML7](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 256KB FLASH 104BGA

Data sheet:  [K20_ML7 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

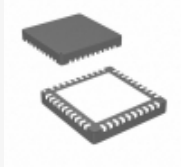
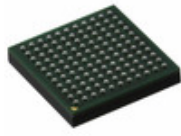
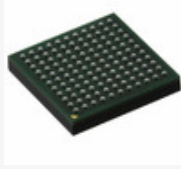
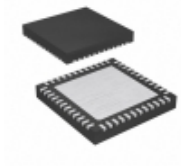
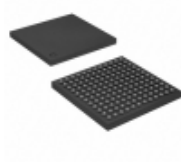
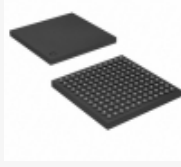
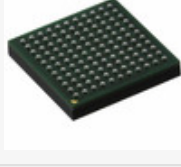
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PRODUCT PARAMETER			
Part Number	MK20DX256VML7	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 256KB FLASH 104BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4913 pcs	Data sheet	K20_ML7 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	104-MAPBGA (10x10)	Speed	72MHz
Series	Kinetis K20	RAM Size	64K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	DMA, I ² S, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	104-LFBGA	Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)	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 72MHz 256KB (256K x 8) FLASH 104-MAPBGA (10x10)	Data Converters	-
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4
Connectivity	CANbus, EBI/EMI, I ² C, IrDA, SPI, UART/USART, USB, USB OTG	Base Part Number	MK20DX256
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	Part#: MK20DX256VLL10 Description: IC MCU 32BIT 256KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MK20DX256ZVMD10 Description: IC MCU 32BIT 256KB FLASH 144BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MK20DX256VMC10 Description: IC MCU 32BIT 256KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ

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