

NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

MK20DX256VMC10

Part Number:	MK20DX256VMC10
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 256KB FLASH 121BGA
Datasheets:	
RoHs Status	Lead free / RoHS Compliant
Stock Condition	10219 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MK20DX256VMC10

PART NUMBER	MK20DX256VMC10
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 256KB FLASH 121BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	10219 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	121-MAPBGA (8x8)
SPEED	100MHz
SERIES	Kinetis K20
RAM SIZE	64K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	DMA, I²S, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	121-LFBGA
OTHER NAMES	935319977557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	70
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	4K x 8
DETAILED DESCRIPTION	ARM® Cortex®-M4 Kinetis K20 Microcontroller IC 32-Bit 100MHz 256KB (256K x 8) FLASH 121-MAPBGA (8x8)
DATA CONVERTERS	A/D 38x16b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, EBI/EMI, I²C, IrDA, SPI, UART/USART, USB, USB OTG
BASE PART NUMBER	MK20DX256

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	MK20DX256VLQ10 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 144LQFP In stock: 7469 pcs RFQ		MK20DX256ZVLK10 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 80LQFP In stock: 8567 pcs RFQ
	MK20DX256ZVLL10 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 8560 pcs RFQ		MK20DX256VMC7R Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 121BGA In stock: 19403 pcs RFQ
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	MK20DX256VMC7 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 121BGA In stock: 13927 pcs RFQ		MK20DX256VLL7 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 10589 pcs RFQ
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