MK20DX256VMC7R

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Part Number: MK20DX256VMC7R
Manufacturer NXP Semiconductors / Freescale
Description IC MCU 32BIT 256KB FLASH 121BGA
Data sheet: K20_LL/MC7 Ref Manual
K20_LL/MC7 Datasheet
K2x USB MCU Family Fact Sheet
K20 系列产品概述

RoHs Status: Lead free / RoHS Compliant
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PRODUCT PARAMETER

Part Number	MK20DX256VMC7R	**Manufacturer**	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 256KB FLASH 121BGA	**Lead Free Status / RoHS Status**	Lead free / RoHS Compliant
Quantity Available	16543 pcs	**Data sheet**	K20_LL/MC7 Ref Manual K20_LL/MC7 Datasheet K2x USB MCU Family Fact Sheet K20 系列产品概述
Category	Integrated Circuits (ICs)	**Voltage - Supply (Vcc/Vdd)**	1.71 V ~ 3.6 V
Supplier Device Package	121-MAPBGA (8x8)	**Speed**	72MHz
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**	Tape & Reel (TR)
Package / Case	121-LFBGA	**Other Names**	935325708518 MK20DX256VMC7RTR
Oscillator Type	Internal	**Operating Temperature**	-40°C ~ 105°C (TA)
Number of I/O	70	**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 72MHz 256KB (256K x 8) FLASH 121-MAPBGA (8x8)
Data Converters	A/D 35x16b, D/A 1x12b	**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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Description: IC MCU 32BIT 256KB FLASH 144BGA

Part#: MK20DX256ZVMC10 Manufacturers: NXP Semiconductors / Freescale RFQ
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Description: IC MCU 32BIT 256KB FLASH 144LQFP

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