

MK21DX256AVMC5R



Part Number: [MK21DX256AVMC5R](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: KINETIS K 32-BIT MCU ARM CORTEX

Data sheet:  [MK21DXzzz, MK21DN512](#)

RoHs Status:

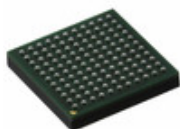
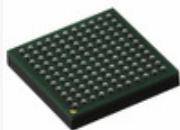
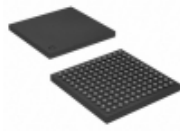
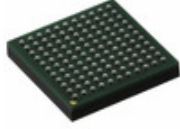
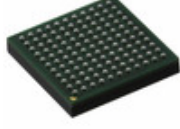
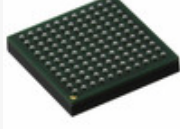
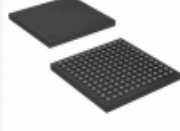
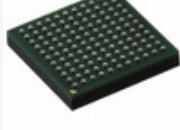
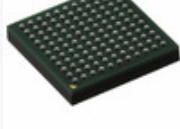
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PRODUCT PARAMETER			
Part Number	MK21DX256AVMC5R	Manufacturer	NXP Semiconductors / Freescale
Description	KINETIS K 32-BIT MCU ARM CORTEX	Lead Free Status / RoHS Status	
Quantity Available	18250 pcs	Data sheet	MK21DXzzz, MK21DN512
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	121-MAPBGA (8x8)	Speed	50MHz
Series	Kinetis K20	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	DMA, I ² S, LVD, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	121-LFBGA	Other Names	935318123518
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	64	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	13 Weeks	EEPROM Size	4K x 8
Detailed Description	ARM® Cortex®-M4 Kinetis K20 Microcontroller IC 32-Bit 50MHz 256KB (256K x 8) FLASH 121-MAPBGA (8x8)	Data Converters	A/D 20x16b, D/A 1x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4
Connectivity	I ² C, IrDA, SPI, UART/USART, USB, USB OTG		
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	Part#: MK21DX128AVLK5 Description: IC MCU 32BIT 128KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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