

MK11DN512AVLK5R



Part Number: [MK11DN512AVLK5R](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: KINETIS K 32-BIT MCU ARM CORTEX

Data sheet:

RoHs Status:

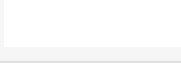
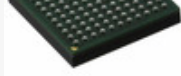
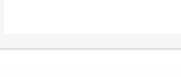
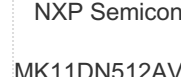
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PRODUCT PARAMETER			
Part Number	MK11DN512AVLK5R	Manufacturer	NXP Semiconductors / Freescale
Description	KINETIS K 32-BIT MCU ARM CORTEX	Lead Free Status / RoHS Status	
Quantity Available	19800 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	80-LQFP (12x12)	Speed	50MHz
Series	Kinetis K10	RAM Size	64K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	DMA, I ² S, LVD, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	80-LQFP	Other Names	935316235528
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	60	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	13 Weeks	EEPROM Size	-
Detailed Description	ARM® Cortex®-M4 Kinetis K10 Microcontroller IC 32-Bit 50MHz 512KB (512K x 8) FLASH 80-LQFP (12x12)	Data Converters	A/D 24x16b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4
Connectivity	I ² C, IrDA, SPI, UART/USART		
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	Part#: MK11DX128VLK5 Description: IC MCU 32BIT 128KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK1132FE-R52 Description: RES 11.3K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK1150FE-R52 Description: RES 115 OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
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	Part#: MK1182FE-R52 Description: RES 11.8K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK11DX128AVLK5 Description: IC MCU 32BIT 128KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK11DN512AVLK5 Description: IC MCU 32BIT 512KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MK11DN512VLK5 Description: IC MCU 32BIT 512KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK1153FE-R52 Description: RES 115K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK11DX128VMC5 Description: IC MCU 32BIT 128KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK11DN512AVMC5 Description: IC MCU 32BIT 512KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK1152FE-R52 Description: RES 11.5K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK11DX256AVMC5 Description: IC MCU 32BIT 256KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK11DN512VLK5R Description: IC MCU 32BIT 512KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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