

MK22FN512CBP12R



Part Number: [MK22FN512CBP12R](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: KINETIS K 32-BIT ARM CORTEX-M4

Data sheet:  [MK22FN512CxP12R](#)
 [MK22FN\(512,256\)CxP12R](#)
 [MK22FN512CxP12R, 256CAP12R](#)

RoHs Status:

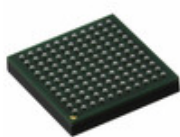
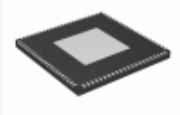
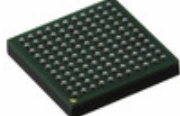
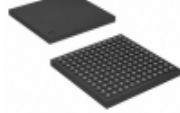
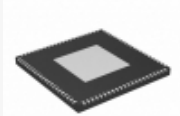
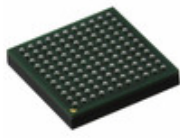
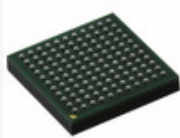
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PRODUCT PARAMETER			
Part Number	MK22FN512CBP12R	Manufacturer	NXP Semiconductors / Freescale
Description	KINETIS K 32-BIT ARM CORTEX-M4	Lead Free Status / RoHS Status	
Quantity Available	13234 pcs	Data sheet	MK22FN512CxP12R MK22FN(512,256)CxP12R MK22FN512CxP12R, 256CAP12R
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Speed	120MHz	Series	Kinetis K20
RAM Size	128K x 8	Program Memory Type	FLASH
Program Memory Size	512KB (512K x 8)	Peripherals	DMA, I ² S, LVD, POR, PWM, WDT
Other Names	935318467055	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	52
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	16 Weeks
EEPROM Size	-	Detailed Description	ARM® Cortex®-M4 Kinetis K20 Microcontroller IC 32-Bit 120MHz 512KB (512K x 8) FLASH
Data Converters	A/D 2x16b, D/A 2x12b	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#: MK22FN512VDC12 Description: IC MCU 32BIT 512KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FN256VLL12R Description: KINETIS K 32-BIT MCU ARM CORTEX	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FN256CAP12R Description: IC MCU 32BIT 512KB FLASH 80WLCSP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FN256VLH12 Description: IC MCU 32BIT 256KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FN1M0VMD12 Description: IC MCU 32BIT 1MB FLASH 144MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MK22FN256VMP12 Description: IC MCU 32BIT 256KB FLASH 64BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MK22FN512VLH12R Description: KINETIS K 32-BIT MCU ARM CORTEX	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MK22FN1M0VMC12R Description: IC MCU 32BIT 1MB FLASH 121MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FN512CAP12R Description: IC MCU 32BIT 512KB FLASH 80WLCSP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FN512VLL12R Description: KINETIS K22: 120MHZ CORTEX-M4F P	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FN512VLH12 Description: IC MCU 32BIT 512KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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