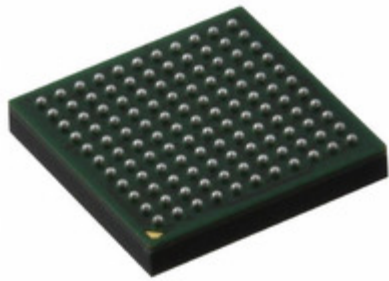


MK24FN1M0VDC12



Images are for reference only.
See Product Specifications for product details.
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Part Number: [MK24FN1M0VDC12](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 1MB FLASH 121MAPBGA

Data sheet:  [K24 Sub-Family Datasheet](#)

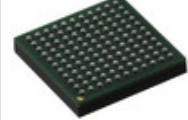
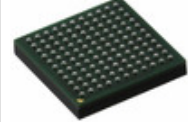
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	MK24FN1M0VDC12	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 1MB FLASH 121MAPBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	9398 pcs	Data sheet	K24 Sub-Family Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	121-MAPBGA (8x8)	Speed	120MHz
Series	Kinetis K20	RAM Size	256K x 8
Program Memory Type	FLASH	Program Memory Size	1MB (1M x 8)
Peripherals	DMA, I²S, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	121-XFBGA	Other Names	935324729557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	83	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	16 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M4 Kinetis K20 Microcontroller IC 32-Bit 120MHz 1MB (1M x 8) FLASH 121-MAPBGA (8x8)
Data Converters	A/D 37x16b, D/A 2x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M4	Connectivity	CANbus, EBI/EMI, I²C, IrDA, SD, SPI, UART/USART, USB, USB OTG
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	Part#: MK24R9FE-R52 Description: RES 24.9 OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK24R3FE-R52 Description: RES 24.3 OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK2552FE-R52 Description: RES 25.5K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK2491FE-R52 Description: RES 2.49K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK24FN1M0VLQ12 Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK24FN1M0VLL12 Description: IC MCU 32BIT 1MB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK24FN1M0VDC12R Description: IC MCU 32BIT 1MB FLASH 121MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK2430FE-R52 Description: RES 243 OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK2432FE-R52 Description: RES 24.3K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK2490FE-R52 Description: RES 249 OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK24FN256VDC12 Description: IC MCU 32BIT 256KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK24-E-2 Description: SWITCH REED SPST-NO 300MA 30V	Manufacturers: Standex-Meder Electronics	RFQ
	Part#: MK2551FE-R52 Description: RES 2.55K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK2431FE-R52 Description: RES 2.43K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK24FN1M0VLQ12R Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK24FN1M0CAJ12R Description: IC MCU 32BIT 1MB FLASH 142WLCSP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK24-E-3 Description: SWITCH REED SPST-NO 300MA 30V	Manufacturers: Standex-Meder Electronics	RFQ
	Part#: MK2492FE-R52 Description: RES 24.9K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ

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