

MK24FN256VDC12



Part Number: [MK24FN256VDC12](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 256KB FLASH 121BGA

Data sheet:  [MK24FN256VDC12](#)

RoHs Status: Lead free / RoHS Compliant

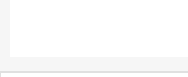
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PRODUCT PARAMETER			
Part Number	MK24FN256VDC12	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 256KB FLASH 121BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	17074 pcs	Data sheet	MK24FN256VDC12
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	256KB (256K x 8)
Peripherals	DMA, I ² S, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	121-XFBGA	Other Names	935322172557
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 256KB (256K x 8) FLASH 121-MAPBGA (8x8)
Data Converters	A/D 37x16b, D/A 2x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M4	Connectivity	I ² C, SPI, UART/USART, USB OTG
Base Part Number	MK24FN256		
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	Part#: MK2490FE-R52 Description: RES 249 OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
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	Part#: MK24FN1M0VDC12 Description: IC MCU 32BIT 1MB FLASH 121MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MK24FN1M0VLQ12 Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MK26-1A35D-500W Description: SENSOR REED SW SPST-NO LEAD WIRE	Manufacturers: Standex-Meder Electronics	RFQ
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