

MK81FN256VDC15R



Part Number: [MK81FN256VDC15R](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: KINETIS K SERIES 32-BIT MCU ARM

Data sheet:

RoHs Status:

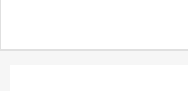
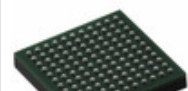
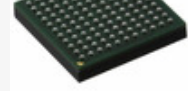
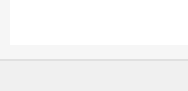
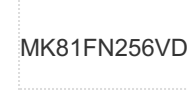
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PRODUCT PARAMETER			
Part Number	MK81FN256VDC15R	Manufacturer	NXP Semiconductors / Freescale
Description	KINETIS K SERIES 32-BIT MCU ARM	Lead Free Status / RoHS Status	
Quantity Available	11765 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	121-MAPBGA (8x8)	Speed	150MHz
Series	Kinetis K8x	RAM Size	256K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	DMA, I ² S, LVD, POR, PWM	Packaging	Tape & Reel (TR)
Package / Case	121-XFBGA	Other Names	935313043518
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	85	Manufacturer Standard Lead Time	13 Weeks
EEPROM Size	-	Detailed Description	ARM® Cortex®-M4 Kinetis K8x Microcontroller IC 32-Bit 150MHz 256KB (256K x 8) FLASH 121-MAPBGA (8x8)
Data Converters	A/D 17x16b, D/A 2x6b, 1x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M4	Connectivity	EBI/EMI, I ² C, SPI, UART/USART, USB OTG
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	Part#: PIC32MX795F512LT-80I/PT Description: IC MCU 32BIT 512KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: CYTT21401-44LQI33T Description: IC MCU TRUETOUCH 44QFN	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MK82FN256VDC15 Description: IC MCU 32BIT 256KB FLASH 121XBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MK81FN256VDC15 Description: IC MCU 32BIT 256KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: EZ80F93AZ020SG Description: IC MCU 8BIT 64KB FLASH 100LQFP	Manufacturers: Zilog	RFQ

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