

MKL27Z32VDA4



Part Number: [MKL27Z32VDA4](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: KINETIS L 32-BIT MCU ARM CORTEX

Data sheet:  [MKL27Z\(32,64\)Vxx4](#)

RoHs Status:

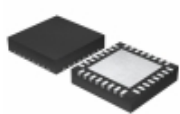
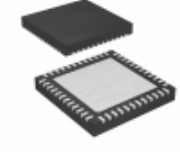
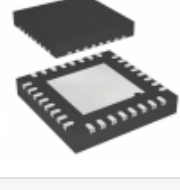
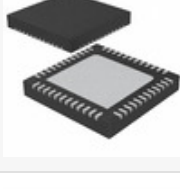
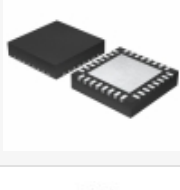
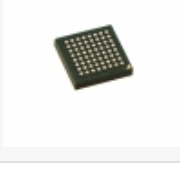
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MKL27Z32VDA4	Manufacturer	NXP Semiconductors / Freescale
Description	KINETIS L 32-BIT MCU ARM CORTEX	Lead Free Status / RoHS Status	
Quantity Available	26487 pcs	Data sheet	MKL27Z(32,64)Vxx4
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	36-XFBGA (3.5x3.5)	Speed	48MHz
Series	Kinetis KL2	RAM Size	8K x 8
Program Memory Type	FLASH	Program Memory Size	32KB (32K x 8)
Peripherals	DMA, I ² S, PWM, WDT	Packaging	Tray
Package / Case	36-XFBGA	Other Names	935323774557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	30	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	16 Weeks	EEPROM Size	-
Detailed Description	ARM® Cortex®-M0+ Kinetis KL2 Microcontroller IC 32-Bit 48MHz 32KB (32K x 8) FLASH 36-XFBGA (3.5x3.5)	Data Converters	A/D 14x16b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M0+
Connectivity	I ² C, FlexIO, SPI, UART/USART, USB		
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	Part#: MKL27Z256VLH4 Description: IC MCU 32BIT 256KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL27Z128VMP4 Description: IC MCU 32BIT 128KB FLASH 64BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL27Z256VFM4R Description: KINETIS L 32-BIT MCU ARM CORTEX	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MKL27Z128VFT4 Description: KINETIS L 32-BIT MCU ARM CORTEX	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL27Z256VFM4 Description: IC MCU 32BIT 256KB FLASH 32QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MKL27Z256VMP4 Description: IC MCU 32BIT 256KB FLASH 64BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL27Z64VDA4 Description: IC MCU 32BIT 64KB FLASH 36XFBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL33Z128VLH4 Description: IC MCU 32BIT 128KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ

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