

MKL24Z32VLK4



Part Number: [MKL24Z32VLK4](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 32KB FLASH 80LQFP

Data sheet: [PDF KL24,KL25 Product Brief](#)
[PDF KL2x MCU Family Fact Sheet](#)
[PDF KL24 Sub-Family Ref Manual](#)
[PDF KL24_FM/FT/LH/LK4 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

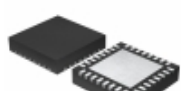
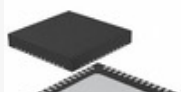
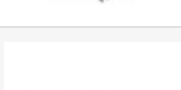
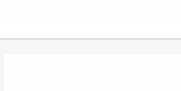
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PRODUCT PARAMETER			
Part Number	MKL24Z32VLK4	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 32KB FLASH 80LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	17945 pcs	Data sheet	KL24,KL25 Product Brief KL2x MCU Family Fact Sheet KL24 Sub-Family Ref Manual KL24_FM/FT/LH/LK4 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	80-LQFP (12x12)	Speed	48MHz
Series	Kinetis KL2	RAM Size	4K x 8
Program Memory Type	FLASH	Program Memory Size	32KB (32K x 8)
Peripherals	Brown-out Detect/Reset, DMA, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	80-LQFP	Other Names	935321875557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	66	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M0+ Kinetis KL2 Microcontroller IC 32-Bit 48MHz 32KB (32K x 8) FLASH 80-LQFP (12x12)	Data Converters	A/D 14x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M0+
Connectivity	PC, LINbus, SPI, UART/USART, USB, USB OTG	Base Part Number	MKL24Z32
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	Part#: MKL24Z32VFM4 Description: IC MCU 32BIT 32KB FLASH 32QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL17Z32VLH4 Description: IC MCU 32BIT 32KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MKL17Z64VDA4R Description: KINETIS KL17: 48MHZ CORTEX-M0+ U	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MKL25Z32VFT4 Description: IC MCU 32BIT 32KB FLASH 48QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ

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