

MKL05Z32VLF4R



Part Number: [MKL05Z32VLF4R](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: KINETIS KL05: 48MHZ CORTEX-M0+ U

Data sheet:  [MKL05ZxxVxx4](#)

RoHs Status:

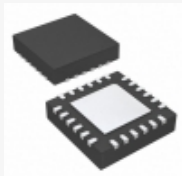
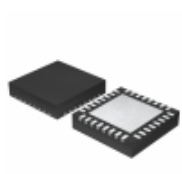
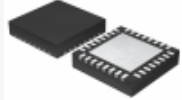
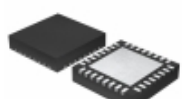
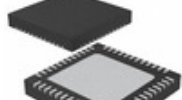
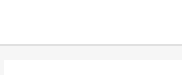
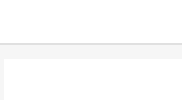
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PRODUCT PARAMETER			
Part Number	MKL05Z32VLF4R	Manufacturer	NXP Semiconductors / Freescale
Description	KINETIS KL05: 48MHZ CORTEX-M0+ U	Lead Free Status / RoHS Status	
Quantity Available	56622 pcs	Data sheet	MKL05ZxxVxx4
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	48-LQFP (7x7)	Speed	48MHz
Series	Kinetis KL0	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	Tape & Reel (TR)
Package / Case	48-LQFP	Other Names	935317844528
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	41	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	16 Weeks	EEPROM Size	-
Detailed Description	ARM® Cortex®-M0+ Kinetis KL0 Microcontroller IC 32-Bit 48MHz 32KB (32K x 8) FLASH 48-LQFP (7x7)	Data Converters	A/D 14x12b, D/A 1x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M0+
Connectivity	PC, SPI, UART/USART		
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	Part#: MKL05Z32VLF4 Description: IC MCU 32BIT 32KB FLASH 48LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL05Z16VLC4 Description: IC MCU 32BIT 16KB FLASH 32LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL05Z16VFM4 Description: IC MCU 32BIT 16KB FLASH 32QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL05Z32VFM4R Description: IC MCU 32BIT 32KB FLASH 32QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MKL14Z32VFT4 Description: IC MCU 32BIT 32KB FLASH 48QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MKL05Z32VLC4 Description: IC MCU 32BIT 32KB FLASH 32LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL14Z32VFM4R Description: KINETIS KL14: 48MHZ CORTEX-M0+ U	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL05Z8VFM4 Description: IC MCU 32BIT 8KB FLASH 32QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL13Z64VLK4 Description: IC MCU 32BIT 64KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL05Z8VLC4 Description: IC MCU 32BIT 8KB FLASH 32LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL14Z32VFM4 Description: IC MCU 32BIT 32KB FLASH 32QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL05Z32VFK4R Description: KINETIS KL05: 48MHZ CORTEX-M0+ U	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL13Z32VLK4 Description: KINETIS KL13: 48MHZ CORTEX-M0+ U	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL13Z32VLH4 Description: KINETIS KL13: 48MHZ CORTEX-M0+ U	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL05Z32VFK4 Description: IC MCU 32BIT 32KB FLASH 24QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ

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