

MKL02Z32VFK4R



Part Number: [MKL02Z32VFK4R](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 32KB FLASH 24QFN

Data sheet:  [KL04,KL05 Product Brief](#)
 [KL02 Family Factsheet](#)
 [KL02 Sub-Family](#)

RoHs Status: Lead free / RoHS Compliant

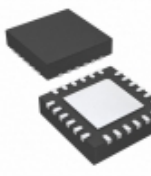
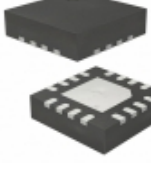
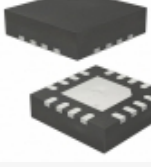
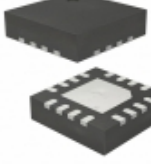
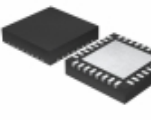
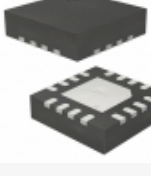
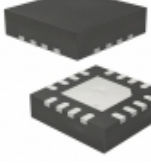
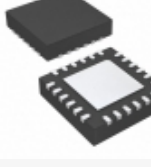
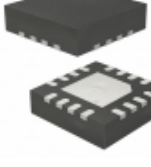
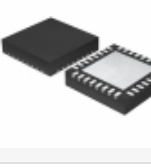
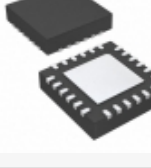
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PRODUCT PARAMETER			
Part Number	MKL02Z32VFK4R	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 32KB FLASH 24QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	86136 pcs	Data sheet	KL04,KL05 Product Brief KL02 Family Factsheet KL02 Sub-Family
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	24-QFN (4x4)	Speed	48MHz
Series	Kinetis KL02	RAM Size	4K x 8
Program Memory Type	FLASH	Program Memory Size	32KB (32K x 8)
Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	24-VFQFN Exposed Pad	Other Names	935320086528
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	22	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M0+ Kinetis KL02 Microcontroller IC 32-Bit 48MHz 32KB (32K x 8) FLASH 24-QFN (4x4)	Data Converters	A/D 12x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M0+
Connectivity	I²C, SPI, UART/USART	Base Part Number	MKL02Z32
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	Part#: MKL03Z32CBF4R Description: IC MCU 32BIT 32KB FLASH 20WLCSP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL03Z32VFG4R Description: KINETIS KL03: 48MHZ CORTEX-M0+ U	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL03Z16VFG4 Description: IC MCU 32BIT 16KB FLASH 16QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL03Z32VFG4 Description: IC MCU 32BIT 32KB FLASH 16QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL02Z32CAF4R Description: IC MCU 32BIT 32KB FLASH 20WLCSP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL02Z8VFG4R Description: IC MCU 32BIT 8KB FLASH 16QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL02Z16VFG4R Description: IC MCU 32BIT 16KB FLASH 16QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MKL02Z32VFG4R Description: IC MCU 32BIT 32KB FLASH 16QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL02Z32VFM4R Description: KINETIS KL02: 48MHZ CORTEX-M0+ U	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL02Z32VFG4 Description: IC MCU 32BIT 32KB FLASH 16QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MKL03Z16VFK4 Description: IC MCU 32BIT 16KB FLASH 24QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL02Z8VFG4 Description: IC MCU 32BIT 8KB FLASH 16QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL02Z32VFM4 Description: IC MCU 32BIT 32KB FLASH 32QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL03Z16VFG4R Description: KINETIS L 32-BIT MCU ARM CORTEX	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL02Z16VFK4 Description: IC MCU 32BIT 16KB FLASH 24QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ

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