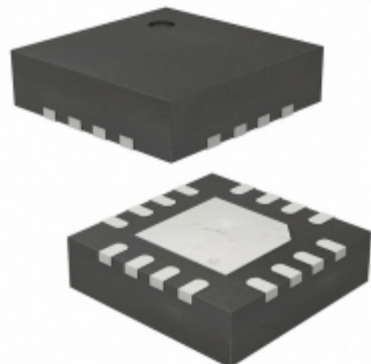


MKL02Z16VFG4R



Part Number: [MKL02Z16VFG4R](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 16KB FLASH 16QFN

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

RoHs Status: Lead free / RoHS Compliant

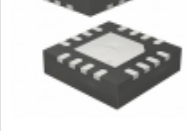
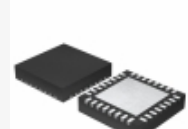
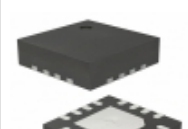
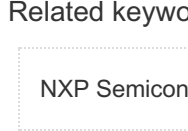
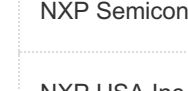
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Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	MKL02Z16VFG4R	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 16KB FLASH 16QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	84985 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	16-QFN (3x3)	Speed	48MHz
Series	Kinetis KL02	RAM Size	2K x 8
Program Memory Type	FLASH	Program Memory Size	16KB (16K x 8)
Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	16-WFQFN Exposed Pad	Other Names	935323424528
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	14	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 16KB (16K x 8) FLASH 16-QFN (3x3)	Data Converters	A/D 6x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M0+
Connectivity	I²C, SPI, UART/USART		
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	Part#: MKL02Z32VFM4R Description: KINETIS KL02: 48MHZ CORTEX-M0+ U	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MKL02Z32VFM4 Description: IC MCU 32BIT 32KB FLASH 32QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MKL03Z16VFK4R Description: KINETIS KL03: 48MHZ CORTEX-M0+ U	Manufacturers: NXP Semiconductors / Freescale	RFQ
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