

MKL02Z8VFG4R



Part Number: [MKL02Z8VFG4R](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 8KB FLASH 16QFN

Data sheet:  [KL02 Sub-Family](#)

RoHs Status: Lead free / RoHS Compliant

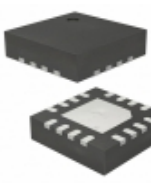
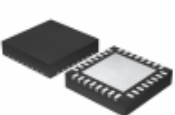
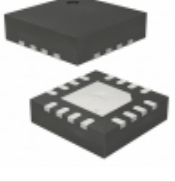
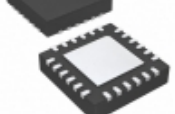
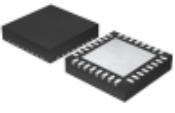
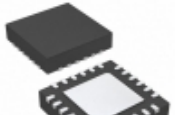
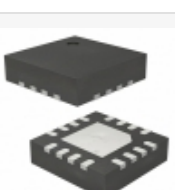
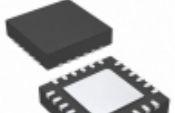
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PRODUCT PARAMETER		
Part Number	MKL02Z8VFG4R	Manufacturer NXP Semiconductors / Freescale
Description	IC MCU 32BIT 8KB FLASH 16QFN	Lead Free Status / RoHS Status Lead free / RoHS Compliant
Quantity Available	98828 pcs	Data sheet KL02 Sub-Family
Category	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 1K x 8
Program Memory Type	FLASH	Program Memory Size 8KB (8K x 8)
Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Packaging Tape & Reel (TR)
Package / Case	16-UFQFN Exposed Pad	Other Names 935314892528
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 8KB (8K 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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