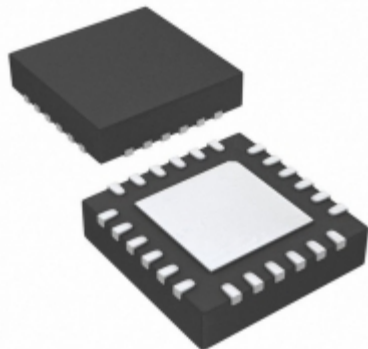


MKL03Z16VFK4



Images are for reference only.
See Product Specifications for product details.
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Part Number: [MKL03Z16VFK4](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 16KB FLASH 24QFN

Data sheet:  [KL03 Brief](#)
 [MKL03ZxxVFG,K4, MKL03Z32CAF4R Datasheet](#)
 [KL03 Factsheet](#)

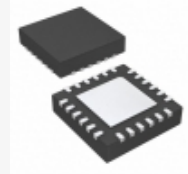
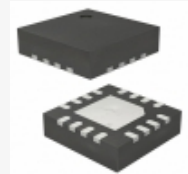
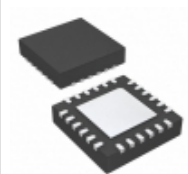
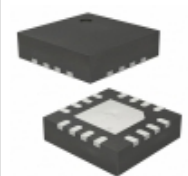
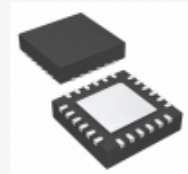
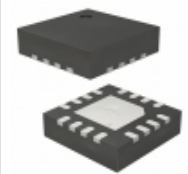
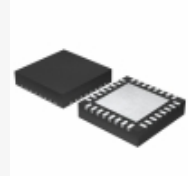
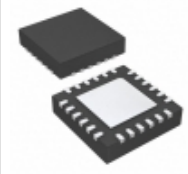
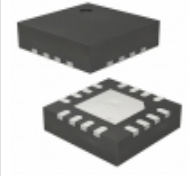
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	MKL03Z16VFK4	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 16KB FLASH 24QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	69878 pcs	Data sheet	KL03 Brief MKL03ZxxVFG,K4, MKL03Z32CAF4R Datasheet KL03 Factsheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	24-QFN (4x4)	Speed	48MHz
Series	Kinetis KL03	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	Tray
Package / Case	24-VFQFN Exposed Pad	Other Names	935311782557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	22	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	16 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M0+ Kinetis KL03 Microcontroller IC 32-Bit 48MHz 16KB (16K x 8) FLASH 24-QFN (4x4)
Data Converters	A/D 7x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M0+	Connectivity	I²C, SPI, UART/USART
Base Part Number	MKL03Z16		
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	Part#: MKL03Z8VFG4 Description: IC MCU 32BIT 8KB FLASH 16QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL03Z32CBF4R Description: IC MCU 32BIT 32KB FLASH 20WLCSP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL03Z32VFK4R Description: KINETIS KL03: 48MHZ CORTEX-M0+ U	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL02Z32VFM4R Description: KINETIS KL02: 48MHZ CORTEX-M0+ U	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL03Z32CAF4R Description: IC MCU 32BIT 32KB FLASH 20WLCSP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MKL03Z8VFG4R Description: KINETIS KL03: 48MHZ CORTEX-M0+ U	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL03Z32VFG4 Description: IC MCU 32BIT 32KB FLASH 16QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL03Z32VFG4R Description: KINETIS KL03: 48MHZ CORTEX-M0+ U	Manufacturers: NXP Semiconductors / Freescale	RFQ
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