

MKL04Z16VLF4



Part Number: [MKL04Z16VLF4](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 16KB FLASH 48LQFP

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

RoHs Status: Lead free / RoHS Compliant

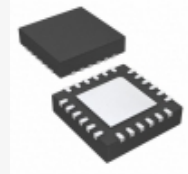
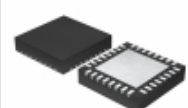
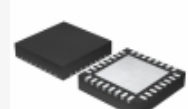
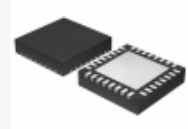
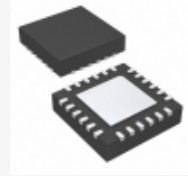
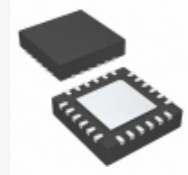
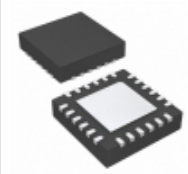
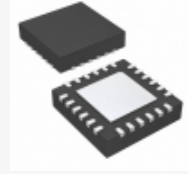
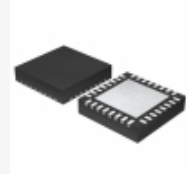
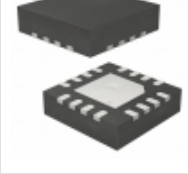
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PRODUCT PARAMETER			
Part Number	MKL04Z16VLF4	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 16KB FLASH 48LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	32599 pcs	Data sheet	KL04 Sub-Family KL04 Ref Manual KL04,KL05 Product Brief
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	2K x 8
Program Memory Type	FLASH	Program Memory Size	16KB (16K x 8)
Peripherals	Brown-out Detect/Reset, DMA, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	48-LQFP	Other Names	935323576557
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	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M0+ Kinetis KL0 Microcontroller IC 32-Bit 48MHz 16KB (16K x 8) FLASH 48-LQFP (7x7)
Data Converters	A/D 14x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M0+	Connectivity	I²C, SPI, UART/USART
Base Part Number	MKL04Z16		
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	Part#: MKL04Z16VLC4 Description: IC MCU 32BIT 16KB FLASH 32LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MKL03Z8VFG4R Description: KINETIS KL03: 48MHZ CORTEX-M0+ U	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MKL03Z32VFG4R Description: KINETIS KL03: 48MHZ CORTEX-M0+ U	Manufacturers: NXP Semiconductors / Freescale	RFQ
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