



Image may be representation. See specifications for product details.

MKL05Z16VLF4

Part Number:	MKL05Z16VLF4
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 16KB FLASH 48LQFP
	 1.MKL05Z16VLF4.pdf
	 2.MKL05Z16VLF4.pdf
	 3.MKL05Z16VLF4.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

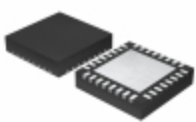
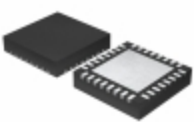
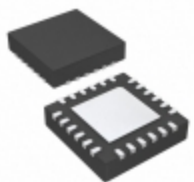
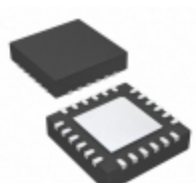
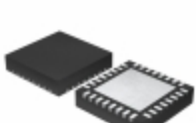
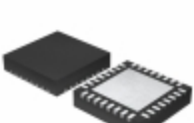
Specifications of MKL05Z16VLF4

PART NUMBER	MKL05Z16VLF4
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 16KB FLASH 48LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.MKL05Z16VLF4.pdf  2.MKL05Z16VLF4.pdf  3.MKL05Z16VLF4.pdf
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	935321819557
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, D/A 1x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0+
CONNECTIVITY	I²C, SPI, UART/USART
BASE PART NUMBER	MKL05Z16

Related Tags

NXP Semiconductors / Freescale MKL05Z16VLF4	MKL05Z16VLF4 Distributor	MKL05Z16VLF4 Supplier
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Freescale Semiconductor - NXP MKL05Z16VLF4	NXP USA Inc. MKL05Z16VLF4	

Related Products

 MKL04Z8VFM4 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 8KB FLASH 32QFN In stock: 446 pcs RFQ	 MKL05Z32VFM4R Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 32KB FLASH 32QFN In stock: Out stock RFQ
 MKL04Z8VLC4R Manufacturers: NXP Semiconductors / Freescale Description: KINETIS KL04: 48MHZ CORTEX-M0+ U In stock: Out stock RFQ	 MKL05Z32VFK4 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 32KB FLASH 24QFN In stock: Out stock RFQ
 MKL05Z16VFK4 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 16KB FLASH 24QFN In stock: 319 pcs RFQ	 MKL05Z32VFK4R Manufacturers: NXP Semiconductors / Freescale Description: KINETIS KL05: 48MHZ CORTEX-M0+ U In stock: Out stock RFQ
 MKL04Z8VLC4 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 8KB FLASH 32LQFP In stock: 52 pcs RFQ	 MKL05Z32VLC4R Manufacturers: NXP Semiconductors / Freescale Description: KINETIS KL05: 48MHZ CORTEX-M0+ U In stock: Out stock RFQ
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