




NXP Semiconductors / Freescale

MKL15Z32VFT4

Part Number:	MKL15Z32VFT4
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MCU 32BIT 32KB FLASH 48QFN
Datasheets:	1.MKL15Z32VFT4.pdf 2.MKL15Z32VFT4.pdf 3.MKL15Z32VFT4.pdf 4.MKL15Z32VFT4.pdf
RoHS Status:	 Contains lead / RoHS non-compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

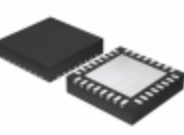
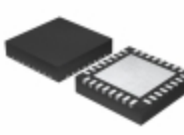

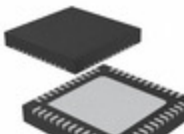








Specifications of MKL15Z32VFT4

PART NUMBER	MKL15Z32VFT4
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 32KB FLASH 48QFN
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
DATA SHEET	1.MKL15Z32VFT4.pdf 2.MKL15Z32VFT4.pdf 3.MKL15Z32VFT4.pdf 4.MKL15Z32VFT4.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	48-QFN (7x7)
SPEED	48MHz
SERIES	Kinetis KL1
RAM SIZE	4K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	32KB (32K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	48-VFQFN Exposed Pad
OTHER NAMES	935317881557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	40
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M0+ Kinetis KL1 Microcontroller IC 32-Bit 48MHz 32KB (32K x 8) FLASH 48-QFN (7x7)
DATA CONVERTERS	A/D 15x16b, D/A 1x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0+
CONNECTIVITY	I ² C, LINbus, SPI, TSI, UART/USART
BASE PART NUMBER	MKL15Z32

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 <p>MKL15Z128VLK4 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 128KB FLASH 80LQFP In stock: 314 pcs RFQ</p>	 <p>MKL15Z64VFT4 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 64KB FLASH 48QFN In stock: 27 pcs RFQ</p>
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