



NXP Semiconductors / Freescale

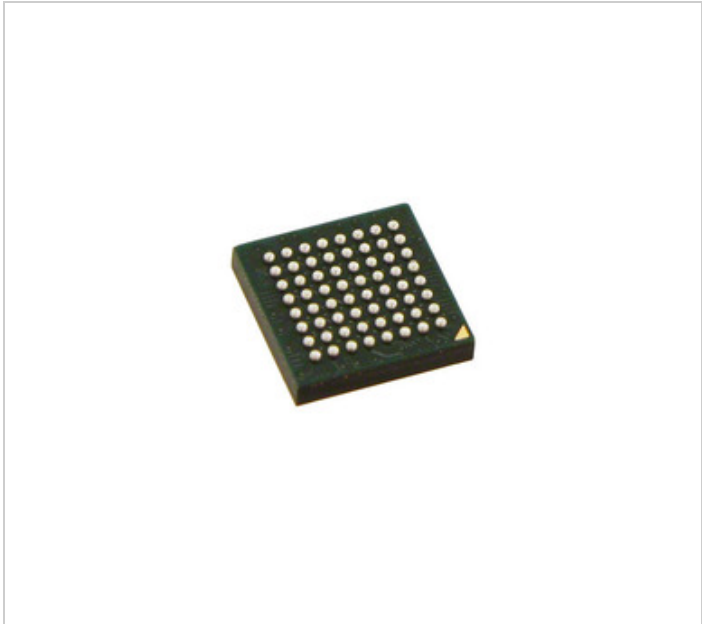


Image may be representation. See specifications for product details.

MKL16Z256VMP4R

Part Number:	MKL16Z256VMP4R
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	KINETIS KL16: 48MHZ CORTEX-M0+ U
Datasheets:	 MKL16Z256VMP4R.pdf
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

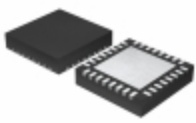
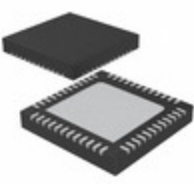
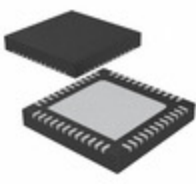
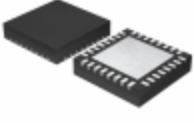
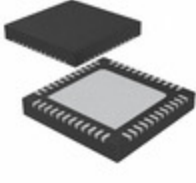
Specifications of MKL16Z256VMP4R

PART NUMBER	MKL16Z256VMP4R
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	KINETIS KL16: 48MHZ CORTEX-M0+ U
LEAD FREE STATUS / ROHS STATUS	
DATA SHEET	 MKL16Z256VMP4R.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-MAPBGA (5x5)
SPEED	48MHz
SERIES	Kinetis KL1
RAM SIZE	32K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, LVD, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	64-LFBGA
OTHER NAMES	935312291518
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	54
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	16 Weeks
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M0+ Kinetis KL1 Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 64-MAPBGA (5x5)
DATA CONVERTERS	A/D - 16bit, D/A - 12bit
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0+
CONNECTIVITY	I²C, LINbus, SPI, TSI, UART/USART

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Freescale Semiconductor - NXP MKL16Z256VMP4R	NXP USA Inc. MKL16Z256VMP4R	

Related Products

 MKL16Z32VFM4 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 32KB FLASH 32QFN In stock: Out stock RFQ	 MKL16Z32VFT4R Manufacturers: NXP Semiconductors / Freescale Description: KINETIS KL16: 48MHZ CORTEX-M0+ U In stock: Out stock RFQ
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 MKL16Z256VLH4 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: Out stock RFQ	 MKL16Z64VFM4R Manufacturers: NXP Semiconductors / Freescale Description: KINETIS KL16: 48MHZ CORTEX-M0+ U In stock: Out stock RFQ
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 MKL16Z128VFT4R Manufacturers: NXP Semiconductors / Freescale Description: KINETIS KL16: 48MHZ CORTEX-M0+ U In stock: Out stock RFQ	 MKL16Z256VMP4 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 64BGA In stock: 480 pcs RFQ