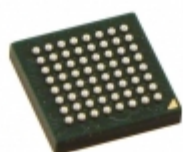


MKL46Z256VMP4



Part Number: [MKL46Z256VMP4](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: KINETIS KL46: 48MHZ CORTEX-M0+ U

Data sheet:  [MKL46ZzzzVLx4](#), [MKL46ZzzzVMx4](#)

RoHs Status:

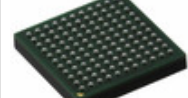
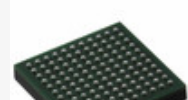
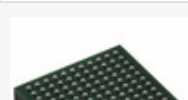
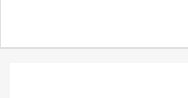
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	MKL46Z256VMP4	Manufacturer	NXP Semiconductors / Freescale
Description	KINETIS KL46: 48MHZ CORTEX-M0+ U	Lead Free Status / RoHS Status	
Quantity Available	24132 pcs	Data sheet	MKL46ZzzzVLx4 , MKL46ZzzzVMx4 1.71 V ~ 3.6 V
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	
Supplier Device Package	64-MAPBGA (5x5)	Speed	48MHz
Series	Kinetis KL4	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	Tray
Package / Case	64-LFBGA	Other Names	568-14184 935311622557 MKL46Z256VMP4-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	50	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	16 Weeks	EEPROM Size	-
Detailed Description	ARM® Cortex®-M0+ Kinetis KL4 Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 64-MAPBGA (5x5)	Data Converters	A/D 16x16b, D/A 1x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M0+
Connectivity	I²C, LINbus, SPI, UART/USART, USB, USB OTG		
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	Part#: MKL82Z128VMC7 Description: IC MCU 32BIT 128KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL46Z128VLH4 Description: IC MCU 32BIT 128KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL46Z256VLL4 Description: IC MCU 32BIT 256KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL43Z128VMP4 Description: KINETIS KL43: 48MHZ CORTEX-M0+ U	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL43Z128VLH4 Description: KINETIS KL43: 48MHZ CORTEX-M0+ U	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL46Z256VMC4 Description: IC MCU 32BIT 256KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL82Z128VMP7 Description: KINETIS KL82: 72MHZ CORTEX-M0+ S	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL43Z256VLH4 Description: IC MCU 32BIT 256KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MKL46Z256VLH4 Description: IC MCU 32BIT 256KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL81Z128VMP7 Description: KINETIS KL81: 72MHZ CORTEX-M0+ S	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL46Z128VLL4 Description: IC MCU 32BIT 128KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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