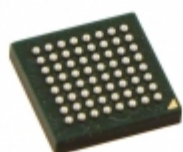


MKL33Z256VMP4



Part Number: [MKL33Z256VMP4](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 256KB FLASH 64BGA

Data sheet:  [MKL33Z\(128,256\)Vxx4](#)
 [Kinetis KL3x Family Priduct Brief](#)
 [Kinetis KL3x MCU Family Fact Sheet](#)

RoHs Status: Lead free / RoHS Compliant

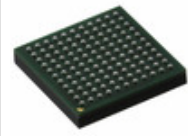
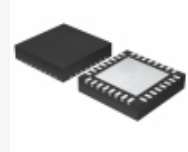
Ship From: Hong Kong

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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	MKL33Z256VMP4	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 256KB FLASH 64BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	23447 pcs	Data sheet	MKL33Z(128,256)Vxx4 Kinetis KL3x Family Priduct Brief Kinetis KL3x MCU Family Fact
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	Sheet 1.71 V ~ 3.6 V
Supplier Device Package	64-MAPBGA (5x5)	Speed	48MHz
Series	Kinetis KL3	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	DMA, I ² S, LCD, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	64-LFBGA	Other Names	935315694557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	54	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M0+ Kinetis KL3 Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 64-MAPBGA (5x5)	Data Converters	A/D 20x16b, D/A 1x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M0+
Connectivity	I ² C, SPI, UART/USART		
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	Part#: MKL36Z128VMC4 Description: IC MCU 32BIT 128KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL27Z64VDA4R Description: KINETIS L 32-BIT MCU ARM CORTEX	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MKL33Z128VLH4R Description: KINETIS L 32-BIT MCU ARM CORTEX	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL33Z256VLH4 Description: IC MCU 32BIT 256KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL36Z128VLL4R Description: KINETIS L 32-BIT MCU ARM CORTEX	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MKL33Z64VLK4 Description: IC MCU 32BIT 64KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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