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See specifications for product details.



## MKL26Z256VMC4

Manufacturer Part Number	<b>MKL26Z256VMC4</b>
Manufacturer	<b>Freescale Semiconductor, Inc. (NXP Semiconductors)</b>
Allelco Part Number	32D-MKL26Z256VMC4
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 32B 256KB FLASH 121MAPBGA
Package	121-LFBGA
Data sheet	MKL26Z256VMC4.pdf

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MKL26Z256VMC4 - Freescale Semiconductor.New Original in Stock. Download Linear Technology MKL26Z256VMC4 datasheet/specifications on AllelcoElec.com.  
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### Specifications

MKL26Z256VMC4 Tech Specifications

MKL26Z256VMC4 - Freescale Semiconductor technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Freescale Semiconductor, Inc. (NXP Semiconductors)	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	1.71V ~ 3.6V	Operating Temperature	-40°C ~ 105°C (TA)
Supplier Device Package	121-MAPBGA (8x8)	Number of I/O	80
Speed	48MHz	Mounting Type	Surface Mount
Series	Kinetis KL2	EEPROM Size	-
RAM Size	32K x 8	Data Converters	A/D - 16bit; D/A - 12bit
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	256KB (256K x 8)	Core Processor	ARM® Cortex®-M0+
Peripherals	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, LVD, POR, PWM, WDT	Connectivity	I <sup>2</sup> C, LINbus, SPI, UART/USART, USB, USB OTG
Package / Case	121-LFBGA	Base Product Number	MKL26Z256
Package	Bulk		

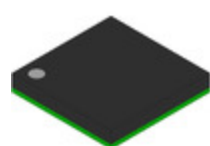
### Parts with Similar Specifications

The three parts on the right have similar specifications to Freescale Semiconductor MKL26Z256VMC4

Product Attribute				
Part Number	MKL26Z256VMC4	MKL26Z128VMC4	MKL26Z256VLL4	MKL26Z128VMC4
Manufacturer	Freescale Semiconductor	Freescale Semiconductor	NXP USA Inc.	NXP USA Inc.
Connectivity	I <sup>2</sup> C, LINbus, SPI, UART/USART, USB, USB OTG	-	I <sup>2</sup> C, LINbus, SPI, UART/USART, USB, USB OTG	I <sup>2</sup> C, LINbus, SPI, UART/USART, USB, USB OTG
Number of I/O	80	-	80	84
Package	Bulk	Bulk	Tray	Tray
Package / Case	121-LFBGA	-	100-LQFP	121-LFBGA
Oscillator Type	Internal	-	Internal	Internal
Data Converters	A/D - 16bit; D/A - 12bit	-	A/D - 16bit; D/A - 12bit	A/D - 16bit; D/A - 12bit
Mounting Type	Surface Mount	-	Surface Mount	Surface Mount
Series	Kinetis KL2	*	Kinetis KL2	Kinetis KL2
Core Size	32-Bit Single-Core	-	32-Bit Single-Core	32-Bit Single-Core
Operating Temperature	-40°C ~ 105°C (TA)	-	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)
Voltage - Supply (Vcc/Vdd)	1.71V ~ 3.6V	-	1.71V ~ 3.6V	1.71V ~ 3.6V
Peripherals	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, LVD, POR, PWM, WDT	-	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, LVD, POR, PWM, WDT	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, LVD, POR, PWM, WDT
EEPROM Size	-	-	-	-
Program Memory Type	FLASH	-	FLASH	FLASH
Program Memory Size	256KB (256K x 8)	-	256KB (256K x 8)	128KB (128K x 8)
Speed	48MHz	-	48MHz	48MHz
RAM Size	32K x 8	-	32K x 8	16K x 8
Base Product Number	MKL26Z256	MKL26Z128	MKL26Z256	MKL26Z128
Supplier Device Package	121-MAPBGA (8x8)	-	100-LQFP (14x14)	121-MAPBGA (8x8)
Core Processor	ARM® Cortex®-M0+	-	ARM® Cortex®-M0+	ARM® Cortex®-M0+

### Customers Also Interested in

#### Recommended Products



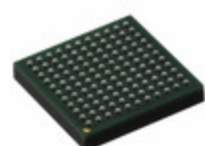
**MKL26Z128VMC4**

Freescale Semiconductor  
KINETIS KL26, 32-BIT MCU, ARM CO



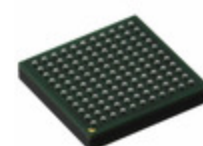
**MKL26Z256VLL4**

NXP USA Inc.  
IC MCU 32BIT 256KB FLASH 100LQFP



**MKL26Z128VMC4**

NXP USA Inc.  
IC MCU 32B 128KB FLASH 121MAPBGA



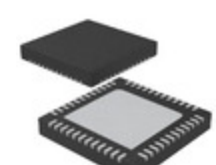
**MKL26Z256VMC4**

NXP USA Inc.  
IC MCU 32B 256KB FLASH 121MAPBGA



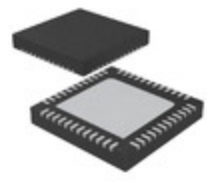
**MKL26Z64VFM4**

NXP USA Inc.  
IC MCU 32BIT 64KB FLASH 32QFN



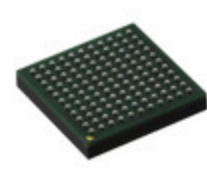
**MKL26Z128VFT4**

NXP USA Inc.  
IC MCU 32BIT 128KB FLASH 48QFN



### MKL26Z64VFT4

NXP USA Inc.  
IC MCU 32BIT 64KB FLASH 48QFN



### MKL26Z256VMC4R

NXP USA Inc.  
IC MCU 32B 256KB FLASH 121MAPBGA



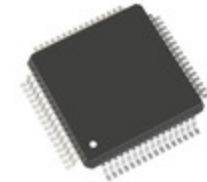
### MKL26Z64VFM4

Freescale Semiconductor  
IC MCU 32BIT 64KB FLASH 32QFN



### MKL26Z64VLH4

NXP USA Inc.  
IC MCU 32BIT 64KB FLASH 64LQFP



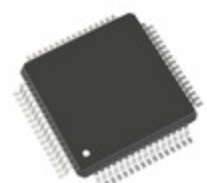
### MKL26Z128VLH4

NXP USA Inc.  
IC MCU 32BIT 128KB FLASH 64LQFP



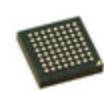
### MKL26Z128VLL4

NXP USA Inc.  
IC MCU 32BIT 128KB FLASH 100LQFP



### MKL26Z32VLH4

NXP USA Inc.  
IC MCU 32BIT 32KB FLASH 64LQFP



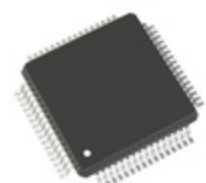
### MKL26Z256VMP4

NXP USA Inc.  
IC MCU 32BIT 256KB FLISH 64MAPBGA



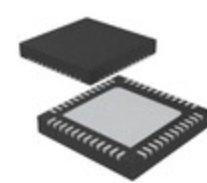
### MKL26Z32VFM4

NXP USA Inc.  
IC MCU 32BIT 32KB FLASH 32QFN



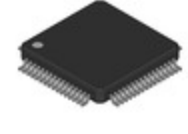
### MKL26Z256VLH4

NXP USA Inc.  
IC MCU 32BIT 256KB FLASH 64LQFP



### MKL26Z32VFT4

NXP USA Inc.  
IC MCU 32BIT 32KB FLASH 48QFN



### MKL26Z32VLH4

Freescale Semiconductor  
IC MCU 32BIT 32KB FLASH 64LQFP

## Shipment

### Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

### Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.




Contact us if you have any questions.

## Payment Support



The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



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 Fast Sourcing & Delivery

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## Certifications & Memberships



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