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See specifications for product details.



MKL26Z256VMC4R

Manufacturer Part Number **MKL26Z256VMC4R**

Manufacturer **NXP Semiconductors**

Allelco Part Number **32D-MKL26Z256VMC4R**

ECAD Model Request Free CAD Models

Parts Description **IC MCU 32B 256KB FLASH 121MAPBGA**

Package **121-LFBGA**

Data sheet **[MKL26Z128Vxx4/256Vxx4 Datasheet.pdf](#)**

RoHs Status **ROHS3 Compliant**

Get a Quote

MKL26Z256VMC4R - NXP USA Inc..New Original in Stock. Download Linear Technology MKL26Z256VMC4R datasheet/specifications on AllelcoElec.com.
Request a quote for MKL26Z256VMC4R, please send us email: info@allelco.com

Specifications

MKL26Z256VMC4R Tech Specifications

MKL26Z256VMC4R - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	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 ² S, LVD, POR, PWM, WDT	Connectivity	I ² C, LINbus, SPI, UART/USART, USB, USB OTG
Package / Case	121-LFBGA	Base Product Number	MKL26Z256
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MKL26Z256VMC4R

Product Attribute				
Part Number	MKL26Z256VMC4R	MKL26Z64VFT4	MKL26Z128VLH4	MKL26Z32VLH4
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	Freescale Semiconductor
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
EEPROM Size	-	-	-	-
Number of I/O	80	36	50	50
Package	Tape & Reel (TR)	Tray	Tray	Bulk
Series	Kinetis KL2	Kinetis KL2	Kinetis KL2	Kinetis KL2
Core Processor	ARM® Cortex®-M0+	ARM® Cortex®-M0+	ARM® Cortex®-M0+	ARM® Cortex®-M0+
Supplier Device Package	121-MAPBGA (8x8)	48-QFN (7x7)	64-LQFP (10x10)	64-LQFP (10x10)
Oscillator Type	Internal	Internal	Internal	Internal
Data Converters	A/D - 16bit; D/A - 12bit	A/D - 16bit; D/A - 12bit	A/D - 16bit; D/A - 12bit	A/D - 16bit; D/A - 12bit
Peripherals	Brown-out Detect/Reset, DMA, I ² S, LVD, POR, PWM, WDT	Brown-out Detect/Reset, DMA, I ² S, LVD, POR, PWM, WDT	Brown-out Detect/Reset, DMA, I ² S, LVD, POR, PWM, WDT	Brown-out Detect/Reset, DMA, I ² S, LVD, POR, PWM, WDT
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Voltage - Supply (Vcc/Vdd)	1.71V ~ 3.6V	1.71V ~ 3.6V	1.71V ~ 3.6V	1.71V ~ 3.6V
Speed	48MHz	48MHz	48MHz	48MHz
Connectivity	I ² C, LINbus, SPI, UART/USART, USB, USB OTG	I ² C, LINbus, SPI, UART/USART, USB, USB OTG	I ² C, LINbus, SPI, UART/USART, USB, USB OTG	I ² C, LINbus, SPI, UART/USART, USB, USB OTG
Operating Temperature	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)
RAM Size	32K x 8	8K x 8	16K x 8	4K x 8
Base Product Number	MKL26Z256	MKL26Z64	MKL26Z128	MKL26Z32
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Package / Case	121-LFBGA	48-VFQFN Exposed Pad	64-LQFP	64-LQFP
Program Memory Size	256KB (256K x 8)	64KB (64K x 8)	128KB (128K x 8)	32KB (32K x 8)

MKL26Z256VMC4R Datasheet PDF

Download MKL26Z256VMC4R pdf datasheets and NXP USA Inc. documentation for MKL26Z256VMC4R - NXP USA Inc..

Datasheets


[MKL26Z128Vxx4/256Vxx4 Datasheet.pdf](#)


PCN Packaging

[All Dev Label Update 15/Dec/2020.pdf](#)

[Mult Dev Pkg Seal 15/Dec/2020.pdf](#)

Environmental Information

 NXP USA Inc REACH.pdf

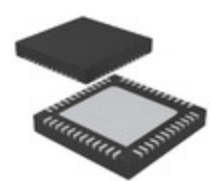
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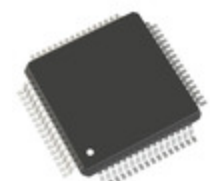
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Recommended Products



MKL26Z64VFT4

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IC MCU 32BIT 64KB FLASH 48QFN



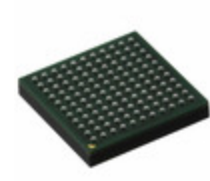
MKL26Z128VLH4

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



MKL26Z32VLH4

Freescal Semiconductor
IC MCU 32BIT 32KB FLASH 64LQFP



MKL26Z128VMC4

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



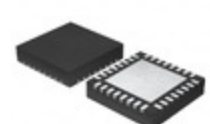
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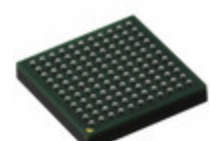
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NXP USA Inc.
IC MCU 32BIT 128KB FLASH 100LQFP



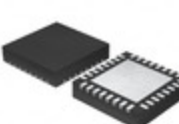
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NXP USA Inc.
IC MCU 32BIT 64KB FLASH 32QFN



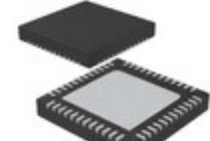
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NXP USA Inc.
IC MCU 32B 256KB FLASH 121MAPBGA



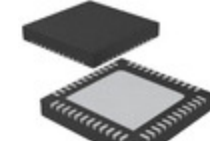
MKL26Z32VFM4

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



MKL27Z128VFT4

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



MKL26Z32VFT4

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



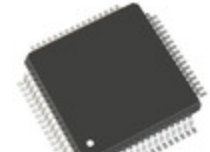
MKL26Z256VMP4

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IC MCU 32BIT 256KB FLASH 64MAPBGA



MKL26Z128VMC4

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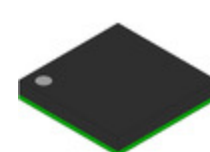
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Freescal Semiconductor
IC MCU 32BIT 64KB FLASH 32QFN



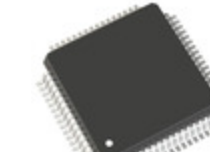
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MKL26Z256VMC4

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IC MCU 32B 256KB FLASH 121MAPBGA



MKL26Z64VLH4

NXP USA Inc.
IC MCU 32BIT 64KB 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.



Your Faithful Supply Chain Partner -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

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Certifications & Memberships



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