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See specifications for product details.



## MKV10Z64VLH7P

Manufacturer Part Number	<b>MKV10Z64VLH7P</b>
Manufacturer	<b>NXP Semiconductors</b>
Allelco Part Number	32D-MKV10Z64VLH7P
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 32BIT 64KB FLASH 64LQFP
Package	64-LQFP
Data sheet	MKV10Z64VLH7P.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MKV10Z64VLH7P - NXP USA Inc..New Original in Stock. Download Linear Technology MKV10Z64VLH7P datasheet/specifications on AllelcoElec.com.  
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### Specifications

MKV10Z64VLH7P Tech Specifications

MKV10Z64VLH7P - 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	64-LQFP (10x10)	Number of I/O	54
Speed	75MHz	Mounting Type	Surface Mount
Series	Kinetis KV	EEPROM Size	-
RAM Size	16K x 8	Data Converters	A/D 2x16b; D/A 1x12b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	64KB (64K x 8)	Core Processor	ARM® Cortex®-M0+
Peripherals	DMA, LVD, POR, WDT	Connectivity	I²C, SPI, UART/USART
Package / Case	64-LQFP	Base Product Number	MKV10Z64
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MKV10Z64VLH7P

Product Attribute				
Part Number	MKV10Z64VLH7P	<b>MKV10Z64VFM7</b>	<b>MKV30F64VFM10</b>	<b>MKV10Z16VLC7</b>
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	Freescle Semiconductor
Program Memory Size	64KB (64K x 8)	64KB (64K x 8)	64KB (64K x 8)	16KB (16K x 8)
Series	Kinetis KV	Kinetis KV	Kinetis KV	Kinetis KV
Data Converters	A/D 2x16b; D/A 1x12b	A/D 2x16b; D/A 1x12b	A/D 2x16b; D/A 1x12b	A/D 16x12b; D/A 1x12b
EEPROM Size	-	-	-	-
Base Product Number	MKV10Z64	MKV10Z64	MKV30F64	MKV10Z16
Peripherals	DMA, LVD, POR, WDT	DMA, LVD, POR, WDT	DMA, PWM, WDT	DMA, WDT
Package	Tray	Tray	Tray	Bulk
Core Processor	ARM® Cortex®-M0+	ARM® Cortex®-M0+	ARM® Cortex®-M4	ARM® Cortex®-M0+
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
RAM Size	16K x 8	16K x 8	16K x 8	8K x 8
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
Mounting Type	Surface Mount	Surface Mount, Wettable Flank	Surface Mount, Wettable Flank	Surface Mount
Package / Case	64-LQFP	32-VFQFN Exposed Pad	32-VFQFN Exposed Pad	32-LQFP
Operating Temperature	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)
Speed	75MHz	75MHz	100MHz	75MHz
Connectivity	I²C, SPI, UART/USART	I²C, SPI, UART/USART	I²C, SPI, UART/USART	I²C, SPI, UART/USART
Number of I/O	54	28	26	28
Supplier Device Package	64-LQFP (10x10)	32-HVQFN (5x5)	32-HVQFN (5x5)	32-LQFP (7x7)
Oscillator Type	Internal	Internal	Internal	Internal

### MKV10Z64VLH7P Datasheet PDF

Download MKV10Z64VLH7P pdf datasheets and NXP USA Inc. documentation for MKV10Z64VLH7P - NXP USA Inc..

#### Environmental Information

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#### PCN Packaging

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## Customers Also Interested in

### Recommended Products



**MKV10Z64VFM7**

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



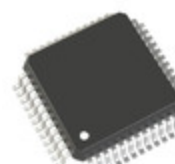
**MKV30F64VFM10**

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



**MKV10Z16VLC7**

Freescale Semiconductor  
IC MCU 32BIT 16KB FLASH 32LQFP



**MKV10Z16VLF7**

NXP USA Inc.  
IC MCU 32BIT 16KB FLASH 48LQFP



**MKV10Z64VLF7**

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



**MKV30F128VLF10**

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



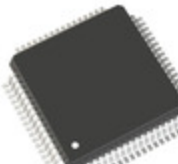
**MKV11Z64VLF7**

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



**MKV10Z32VLC7**

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



**MKV11Z64VLH7**

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



**MKV11Z128VLF7**

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



**MKV10Z32VLF7**

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



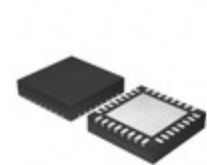
**MKV10Z32VLC7**

Freescale Semiconductor  
IC MCU 32BIT 32KB FLASH 32LQFP



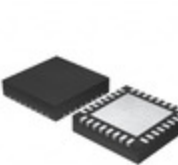
**MKV30F64VLF10**

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



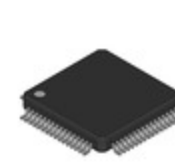
**MKV30F128VFM10**

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



**MKV10Z32VFM7**

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



**MKV30F128VLH10**

Freescale Semiconductor  
IC MCU 32BIT 128KB FLASH 64LQFP



**MKV10Z16VLF7**

Freescale Semiconductor  
IC MCU 32BIT 16KB FLASH 48LQFP



**MKV30F64VLF10**

Freescale Semiconductor  
IC MCU 32BIT 64KB FLASH 48LQFP

## 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  
info@allelco.com

### Certifications & Memberships



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### Contact us

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