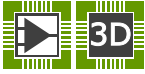






MKV46F128VLL16

Manufacturer Part Number	MKV46F128VLL16
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-MKV46F128VLL16
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 32BIT 128KB FLASH 100LQFP
Package	100-LQFP
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	 ROHS3 Compliant



Get a Quote

MKV46F128VLL16 - NXP USA Inc..New Original in Stock. Download Linear Technology MKV46F128VLL16 datasheet/specifications on AllelcoElec.com.
Request a quote for MKV46F128VLL16, please send us email: info@allelco.com




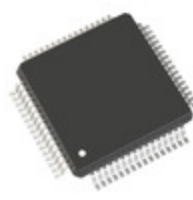
Specifications

MKV46F128VLL16 Tech Specifications
MKV46F128VLL16 - 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	100-LQFP (14x14)	Number of I/O	74
Speed	168MHz	Mounting Type	Surface Mount
Series	Kinetis KV	EEPROM Size	-
RAM Size	24K x 8	Data Converters	A/D 38x12b; D/A 1x12b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	128KB (128K x 8)	Core Processor	ARM® Cortex®-M4
Peripherals	DMA, LVD, POR, PWM, WDT	Connectivity	CANbus, I ² C, SPI, UART/USART
Package / Case	100-LQFP	Base Product Number	MKV46F128
Package	Tray		

Parts with Similar Specifications


The three parts on the right have similar specifications to NXP USA Inc. MKV46F128VLL16

Product Attribute	 NO PICTURE			
Part Number	MKV46F128VLL16	MKV56F1M0VLL24	MKV31F256VLLH12P	MKV44F64VLLH16
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Series	Kinetis KV	Kinetis KV	Kinetis KV	Kinetis KV
Data Converters	A/D 38x12b; D/A 1x12b	A/D 4x12b, 1x16b; D/A 1x12b	A/D 2x16b; D/A 1x12b	A/D 29x12b; D/A 1x12b
Peripherals	DMA, LVD, POR, PWM, WDT	DMA, LVD, POR, PWM, WDT	DMA, PWM, WDT	DMA, LVD, POR, PWM, WDT
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Base Product Number	MKV46F128	MKV56F1M0	MKV31F256	MKV44F64
Connectivity	CANbus, I ² C, SPI, UART/USART	CANbus, I ² C, SPI, UART/USART	I ² C, SPI, UART/USART	CANbus, I ² C, SPI, UART/USART
Number of I/O	74	74	46	48
Operating Temperature	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)
Core Processor	ARM® Cortex®-M4	ARM® Cortex®-M7	ARM® Cortex®-M4	ARM® Cortex®-M4
EEPROM Size	-	-	-	-
Program Memory Size	128KB (128K x 8)	1MB (1M x 8)	256KB (256K x 8)	64KB (64K x 8)
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Oscillator Type	Internal	Internal	Internal	Internal
Supplier Device Package	100-LQFP (14x14)	100-LQFP (14x14)	64-LQFP (10x10)	64-LQFP (10x10)
Speed	168MHz	240MHz	120MHz	168MHz
Voltage - Supply (Vcc/Vdd)	1.71V ~ 3.6V	1.71V ~ 3.6V	1.71V ~ 3.6V	1.71V ~ 3.6V
Package	Tray	Tray	Tray	Tray
Package / Case	100-LQFP	100-LQFP	64-LQFP	64-LQFP
RAM Size	24K x 8	256K x 8	48K x 8	16K x 8


MKV46F128VLL16 Datasheet PDF


Download MKV46F128VLL16 pdf datasheets and NXP USA Inc. documentation for MKV46F128VLL16 - NXP USA Inc..

Datasheets



[Cylindrical Battery Holders.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

 NXP USA Inc RoHS Cert.pdf

PCN Assembly/Origin

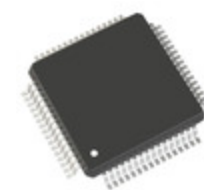
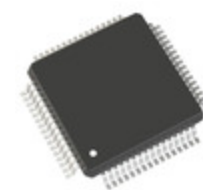
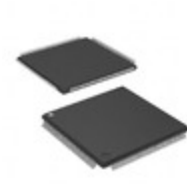
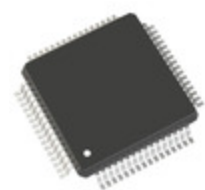
 2.73KHz.pdf

PCN Design/Specification

 Cylindrical Battery Holders.pdf

Customers Also Interested in

Recommended Products



MKV56F1M0VLL24

NXP USA Inc.
IC MCU 32BIT 1MB FLASH 100LQFP

MKV31F256VLH12P

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

MKV44F64VLH16

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

MKV58F1M0VLQ24

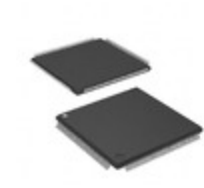
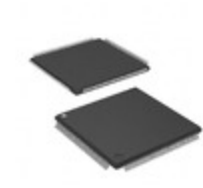
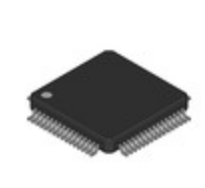
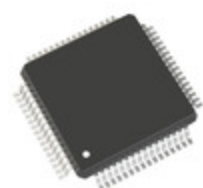
NXP USA Inc.
IC MCU 32BIT 1MB FLASH 144LQFP

MKV31F512VLH12

NXP USA Inc.
IC MCU 32BIT 512KB FLASH 64LQFP

MKV46F128VLH16

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



MKV56F512VLL24

NXP USA Inc.
IC MCU 32BIT 512KB FLASH 100LQFP

MKV42F128VLH16

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

MKV46F256VLH16

Freescale Semiconductor
IC MCU 32BIT 256KB FLASH 64LQFP

MKV31F512VLL12

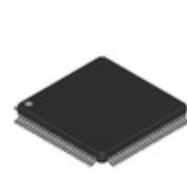
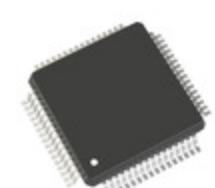
NXP USA Inc.
IC MCU 32BIT 512KB FLASH 100LQFP

MKV56F1M0VLQ24

NXP USA Inc.
IC MCU 32BIT 1MB FLASH 144LQFP

MKV56F512VLQ24

NXP USA Inc.
IC MCU 32BIT 512KB FLASH 144LQFP



MKV46F256VLH16

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

MKV42F64VLF16

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

MKV58F1M0VLL24

NXP USA Inc.
IC MCU 32BIT 1MB FLASH 100LQFP

MKV58F1M0VLL24

Freescale Semiconductor
IC MCU 32BIT 1MB FLASH 100LQFP

MKV46F256VLL16

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

MKV31F256VLL12

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

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 Alleco 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.



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+00852 9146 4856



Email

info@alleco.com

Certifications & Memberships



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