

Image may be representation.
See specifications for product details.



S9KEAZN16ACLH

Manufacturer Part Number	S9KEAZN16ACLH
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-S9KEAZN16ACLH
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 32BIT 16KB FLASH 64LQFP
Package	64-LQFP
Data sheet	Getting Started w/Kinetis EA Series.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

S9KEAZN16ACLH - NXP USA Inc..New Original in Stock. Download Linear Technology S9KEAZN16ACLH datasheet/specifications on AllelcoElec.com.
Request a quote for S9KEAZN16ACLH, please send us email: info@allelco.com

Specifications

S9KEAZN16ACLH Tech Specifications

S9KEAZN16ACLH - 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)	2.7V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	64-LQFP (10x10)	Number of I/O	57
Speed	40MHz	Mounting Type	Surface Mount
Series	Kinetis KEA	EEPROM Size	256 x 8
RAM Size	2K x 8	Data Converters	A/D 16x12b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	16KB (16K x 8)	Core Processor	ARM® Cortex®-M0+
Peripherals	LVD, POR, PWM, WDT	Connectivity	I²C, LINbus, SPI, UART/USART
Package / Case	64-LQFP	Base Product Number	S9KEAZN16
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. S9KEAZN16ACLH

Product Attribute				
Part Number	S9KEAZN16ACLH	S9KEAZN32ACLH	S9KEAZN32ACLH	S9KEAZ128AMLK
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Peripherals	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT
Package	Tray	Tray	Tray	Tray
Number of I/O	57	28	57	71
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Base Product Number	S9KEAZN16	S9KEAZN32	S9KEAZN32	S9KEAZ128
Package / Case	64-LQFP	32-LQFP	64-LQFP	80-LQFP
Core Processor	ARM® Cortex®-M0+	ARM® Cortex®-M0+	ARM® Cortex®-M0+	ARM® Cortex®-M0+
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)
Data Converters	A/D 16x12b	A/D 16x12b	A/D 16x12b	A/D 16x12b
EEPROM Size	256 x 8	256 x 8	256 x 8	-
Oscillator Type	Internal	Internal	Internal	Internal
Speed	40MHz	40MHz	40MHz	48MHz
Supplier Device Package	64-LQFP (10x10)	32-LQFP (7x7)	64-LQFP (10x10)	80-LQFP (14x14)
Program Memory Size	16KB (16K x 8)	32KB (32K x 8)	32KB (32K x 8)	128KB (128K x 8)
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
RAM Size	2K x 8	4K x 8	4K x 8	16K x 8
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Connectivity	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	CANbus, I²C, LINbus, SPI, UART/USART
Series	Kinetis KEA	Kinetis KEA	Kinetis KEA	Kinetis KEA

S9KEAZN16ACLH Datasheet PDF

Download S9KEAZN16ACLH pdf datasheets and NXP USA Inc. documentation for S9KEAZN16ACLH - NXP USA Inc..

Datasheets

[Getting Started w/Kinetis EA Series.pdf](#)

Environmental Information

[NXP USA Inc REACH.pdf](#)

[NXP USA Inc RoHS Cert.pdf](#)

PCN Packaging



Mult Dev Pkg Seal 15/Dec/2020.pdf



Mult Dev Pkg Chgs 8/Feb/2022.pdf

PCN Assembly/Origin



Assembly Site 15/Dec/2022.pdf

PCN Design/Specification



KEA 30/Nov/2019.pdf



S9KEA64 Datasheet update 28/Jun/2016.pdf

Customers Also Interested in

Recommended Products



S9KEAZN32ACLC

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



S9KEAZN32ACLH

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



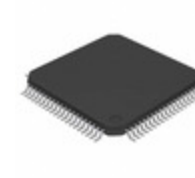
S9KEAZ128AMLK

NXP USA Inc.
IC MCU 32BIT 128KB FLASH 80LQFP



S9KEAZ128AVLH

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



S9KEAZ64AMLK

NXP USA Inc.
IC MCU 32BIT 64KB FLASH 80LQFP



S9KEAZ64ACLH

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



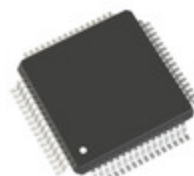
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NXP USA Inc.
IC MCU 32BIT 16KB FLASH 64LQFP



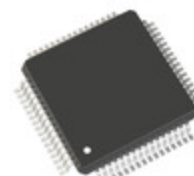
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IC MCU 32BIT 16KB FLASH 32LQFP



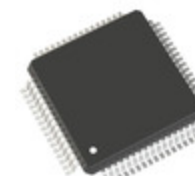
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S9KEAZ128AMLHR

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IC MCU 32BIT 128KB FLASH 64LQFP



S9KEAZ128AMLH,32

Freescale / NXP Semiconductors



S9KEAZ64AVLH

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S9KEAZN16AMLC

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IC MCU 32BIT 16KB FLASH 32LQFP



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Freescale Semiconductor
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S9KEAZN32AMLC

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



S9KEAZN32AMLCR

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

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.



Phone

+00852 9146 4856



Email

info@alleco.com

Certifications & Memberships



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