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See specifications for product details.



S9KEAZ64AMLH

Manufacturer Part Number	S9KEAZ64AMLH
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-S9KEAZ64AMLH
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 32BIT 64KB FLASH 64LQFP
Package	64-LQFP
Data sheet	Getting Started w/Kinetis EA Series.pdf S9KEAZ(64,128)Azzz(R).pdf
RoHs Status	ROHS3 Compliant

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S9KEAZ64AMLH - NXP USA Inc..New Original in Stock. Download Linear Technology S9KEAZ64AMLH datasheet/specifications on AllelcoElec.com.
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Specifications

S9KEAZ64AMLH Tech Specifications

S9KEAZ64AMLH - 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 ~ 125°C (TA)
Supplier Device Package	64-LQFP (10x10)	Number of I/O	57
Speed	48MHz	Mounting Type	Surface Mount
Series	Kinetis KEA	EEPROM Size	-
RAM Size	8K x 8	Data Converters	A/D 16x12b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	64KB (64K x 8)	Core Processor	ARM® Cortex®-M0+
Peripherals	LVD, POR, PWM, WDT	Connectivity	CANbus, I²C, LINbus, SPI, UART/USART
Package / Case	64-LQFP	Base Product Number	S9KEAZ64
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. S9KEAZ64AMLH

Product Attribute				
Part Number	S9KEAZ64AMLH	S9KEAZN32ACLH	S9KEAZN32ACLH	S9KEAZN32ACLH
Manufacturer	NXP USA Inc.	Freescale Semiconductor	NXP USA Inc.	NXP USA Inc.
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Oscillator Type	Internal	Internal	Internal	Internal
Number of I/O	57	28	57	28
Package	Tray	Bulk	Tray	Tray
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Connectivity	CANbus, I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART
Peripherals	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT
Core Processor	ARM® Cortex®-M0+	ARM® Cortex®-M0+	ARM® Cortex®-M0+	ARM® Cortex®-M0+
Data Converters	A/D 16x12b	A/D 16x12b	A/D 16x12b	A/D 16x12b
Package / Case	64-LQFP	32-LQFP	64-LQFP	32-LQFP
Base Product Number	S9KEAZ64	S9KEAZN32	S9KEAZN32	S9KEAZN32
Speed	48MHz	40MHz	40MHz	40MHz
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
RAM Size	8K x 8	4K x 8	4K x 8	4K x 8
EEPROM Size	-	256 x 8	256 x 8	256 x 8
Series	Kinetis KEA	Kinetis KEA	Kinetis KEA	Kinetis KEA
Program Memory Size	64KB (64K x 8)	32KB (32K x 8)	32KB (32K x 8)	32KB (32K x 8)
Supplier Device Package	64-LQFP (10x10)	32-LQFP (7x7)	64-LQFP (10x10)	32-LQFP (7x7)

S9KEAZ64AMLH Datasheet PDF

Download S9KEAZ64AMLH pdf datasheets and NXP USA Inc. documentation for S9KEAZ64AMLH - 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



2.73KHz.pdf

HTML Datasheet



S9KEAZ(64,128)Azzz(R).pdf

PCN Design/Specification



Cylindrical Battery Holders.pdf

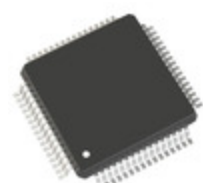
Customers Also Interested in

Recommended Products



S9KEAZN32AACL

Freescale Semiconductor
IC MCU 32BIT 32KB FLASH 32LQFP



S9KEAZN32ACLH

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



S9KEAZN32AACL

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



S9KEAZN16AMLCR

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



S9KEAZ64AMLK

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



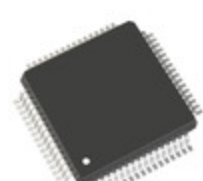
S9KEAZ128AMLK

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



S9KEAZ128AMLH,32

Freescale / NXP Semiconductors



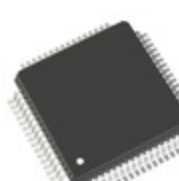
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NXP USA Inc.
IC MCU 32BIT 128KB FLASH 64LQFP



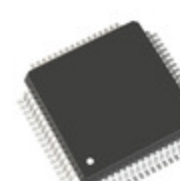
S9KEAZN32AMLC

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



S9KEAZ128AMLH

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



S9KEAZ128ACLH

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



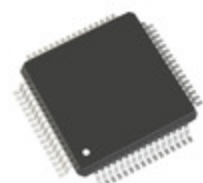
S9KEAZN16AACL

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



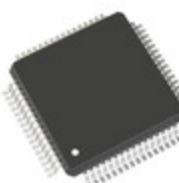
S9KEAZN16AMLC

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



S9KEAZN16ACLH

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



S9KEAZ64AVLH

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



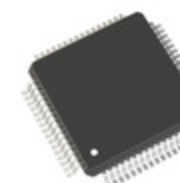
S9KEAZN16AMLH

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IC MCU 32BIT 16KB FLASH 64LQFP



S9KEAZ64ACLH

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



S9KEAZ128AMLHR

NXP USA Inc.
IC MCU 32BIT 128KB 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 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



View More

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