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See specifications for product details.



S9KEAZ128AMLHR

Manufacturer Part Number **S9KEAZ128AMLHR**

Manufacturer **NXP Semiconductors**

Allelco Part Number **32D-S9KEAZ128AMLHR**

ECAD Model PCB Symbol, Footprint & 3D Mode

Parts Description **IC MCU 32BIT 128KB FLASH 64LQFP**

Package **64-LQFP**

Data sheet **S9KEAZ(64, 128)A Reference Manual.pdf**

RoHs Status **ROHS3 Compliant**

Get a Quote

S9KEAZ128AMLHR - NXP USA Inc..New Original in Stock. Download Linear Technology S9KEAZ128AMLHR datasheet/specifications on AllelcoElec.com.
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Specifications

S9KEAZ128AMLHR Tech Specifications

S9KEAZ128AMLHR - 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	58
Speed	48MHz	Mounting Type	Surface Mount
Series	Kinetis KEA	EEPROM Size	-
RAM Size	16K x 8	Data Converters	A/D 16x12b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	128KB (128K x 8)	Core Processor	ARM® Cortex®-M0+
Peripherals	LVD, POR, PWM, WDT	Connectivity	CANbus, I ² C, LINbus, SPI, UART/USART
Package / Case	64-LQFP	Base Product Number	S9KEAZ128
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. S9KEAZ128AMLHR

Product Attribute				
Part Number	S9KEAZ128AMLHR	S9KEAZN32ACLCL	S9KEAZ128ACLH	S9KEAZ64AMLH
Manufacturer	NXP USA Inc.	Freescale Semiconductor	NXP USA Inc.	NXP USA Inc.
Peripherals	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT
Data Converters	A/D 16x12b	A/D 16x12b	A/D 16x12b	A/D 16x12b
Oscillator Type	Internal	Internal	Internal	Internal
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
RAM Size	16K x 8	4K x 8	16K x 8	8K x 8
Core Processor	ARM® Cortex®-M0+	ARM® Cortex®-M0+	ARM® Cortex®-M0+	ARM® Cortex®-M0+
Connectivity	CANbus, I ² C, LINbus, SPI, UART/USART	I ² C, LINbus, SPI, UART/USART	CANbus, I ² C, LINbus, SPI, UART/USART	CANbus, I ² C, LINbus, SPI, UART/USART
Supplier Device Package	64-LQFP (10x10)	32-LQFP (7x7)	64-LQFP (10x10)	64-LQFP (10x10)
Number of I/O	58	28	58	57
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Speed	48MHz	40MHz	48MHz	48MHz
Package	Tape & Reel (TR)	Bulk	Tray	Tray
Base Product Number	S9KEAZ128	S9KEAZN32	S9KEAZ128	S9KEAZ64
Series	Kinetis KEA	Kinetis KEA	Kinetis KEA	Kinetis KEA
Program Memory Size	128KB (128K x 8)	32KB (32K x 8)	128KB (128K x 8)	64KB (64K x 8)
Package / Case	64-LQFP	32-LQFP	64-LQFP	64-LQFP
EEPROM Size	-	256 x 8	-	-
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core

S9KEAZ128AMLHR Datasheet PDF

Download S9KEAZ128AMLHR pdf datasheets and NXP USA Inc. documentation for S9KEAZ128AMLHR - NXP USA Inc..

Datasheets


S9KEAZ(64, 128)A Reference Manual.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

 Assembly Site 15/Dec/2022.pdf

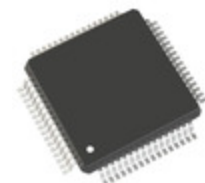
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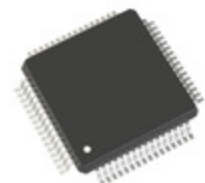
S9KEAZN32AACL

Freescale Semiconductor
IC MCU 32BIT 32KB FLASH 32LQFP



S9KEAZ128ACLH

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



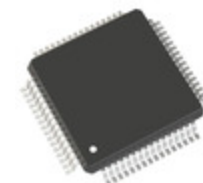
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IC MCU 32BIT 64KB FLASH 64LQFP



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S9KEAZ128AVLH

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



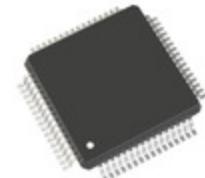
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S9KEAZN32AMLC

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S9KEAZN32ACLH

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S9KEAZ128AMLK

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IC MCU 32BIT 128KB FLASH 80LQFP



S9KEAZ64AMLK

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



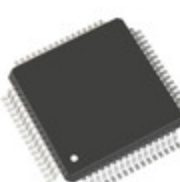
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NXP USA Inc.
IC MCU 32BIT 16KB FLASH 32LQFP



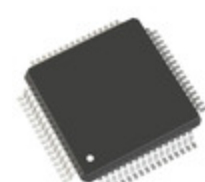
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NXP USA Inc.
IC MCU 32BIT 128KB FLASH 64LQFP



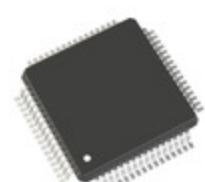
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IC MCU 32BIT 16KB FLASH 64LQFP



S9KEAZ64AVLH

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



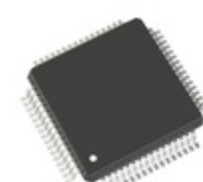
S9KEAZ64ACLH

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S9KEAZN16AMLC

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S9KEAZN16ACLH

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



S9KEAZN16AMLCR

NXP USA Inc.
IC MCU 32BIT 16KB 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 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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