



Image may be representation.
See specifications for product details.



S9S08DN32F2CLF

Manufacturer Part Number	S9S08DN32F2CLF
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-S9S08DN32F2CLF
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 32KB FLASH 48LQFP
Package	48-LQFP
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

S9S08DN32F2CLF - NXP USA Inc..New Original in Stock. Download Linear Technology S9S08DN32F2CLF datasheet/specifications on AllelcoElec.com.
Request a quote for S9S08DN32F2CLF, please send us email: info@allelco.com

Specifications

S9S08DN32F2CLF Tech Specifications

S9S08DN32F2CLF - 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	48-LQFP (7x7)	Number of I/O	39
Speed	40MHz	Mounting Type	Surface Mount
Series	S08	EEPROM Size	1K x 8
RAM Size	1.5K x 8	Data Converters	A/D 16x12b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	32KB (32K x 8)	Core Processor	S08
Peripherals	LVD, POR, PWM, WDT	Connectivity	I ² C, LINbus, SCI, SPI
Package / Case	48-LQFP	Base Product Number	S9S08
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. S9S08DN32F2CLF

Product Attribute				
Part Number	S9S08DN32F2CLF	S9S08DN32F1MLC	S9S08DN32F2CLC	S9S08DN32F2CLH
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
RAM Size	1.5K x 8	1.5K x 8	1.5K x 8	1.5K x 8
Base Product Number	S9S08	S9S08	S9S08	S9S08
Oscillator Type	Internal	Internal	Internal	Internal
Number of I/O	39	25	25	53
Connectivity	I ² C, LINbus, SCI, SPI	I ² C, LINbus, SCI, SPI	I ² C, LINbus, SCI, SPI	I ² C, LINbus, SCI, SPI
EEPROM Size	1K x 8	1K x 8	1K x 8	1K x 8
Core Processor	S08	S08	S08	S08
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Data Converters	A/D 16x12b	A/D 10x12b	A/D 10x12b	A/D 16x12b
Package	Tray	Tray	Tray	Tray
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Program Memory Size	32KB (32K x 8)	32KB (32K x 8)	32KB (32K x 8)	32KB (32K x 8)
Peripherals	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT
Supplier Device Package	48-LQFP (7x7)	32-LQFP (7x7)	32-LQFP (7x7)	64-LQFP (10x10)
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Speed	40MHz	40MHz	40MHz	40MHz
Package / Case	48-LQFP	32-LQFP	32-LQFP	64-LQFP
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Series	S08	S08	S08	S08

S9S08DN32F2CLF Datasheet PDF

Download S9S08DN32F2CLF pdf datasheets and NXP USA Inc. documentation for S9S08DN32F2CLF - 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



S9S08DN32CLF

Freescale / NXP Semiconductors



S9S08DN32MLC

Freescale / NXP Semiconductors



S9S08DN32VLC

Freescale / NXP Semiconductors



S9S08DN32F1CLF

Freescale / NXP Semiconductors



S9S08DN32CLH

Freescale / NXP Semiconductors



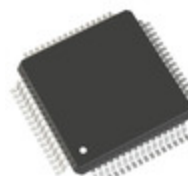
S9S08DN32F1MLC

NXP USA Inc.
IC MCU 8BIT 32KB FLASH 32LQFP



S9S08DN32F2CLC

NXP USA Inc.
IC MCU 8BIT 32KB FLASH 32LQFP



S9S08DN32F2CLH

NXP USA Inc.
IC MCU 8BIT 32KB FLASH 64LQFP



S9S08DN32F1CLH

Freescale / NXP Semiconductors



S9S08DN32F2VLC

Freescale Semiconductor
IC MCU 8BIT 32KB FLASH 32LQFP



S9S08DN32F2MLC

NXP USA Inc.
IC MCU 8BIT 32KB FLASH 32LQFP



S9S08DN16CLC

Freescale / NXP Semiconductors



S9S08DN32F2VLC

NXP USA Inc.
IC MCU 8BIT 32KB FLASH 32LQFP



S9S08DN32CLC

Freescale / NXP Semiconductors



S9S08DN16F2CLC

Freescale / NXP Semiconductors



S9S08DN16F2CLF

NXP USA Inc.
IC MCU 8BIT 16KB FLASH 48LQFP



S9S08DN48F1MLF

NXP USA Inc.
IC MCU 8BIT 48KB FLASH 48LQFP



S9S08DN48CLF

Freescale / NXP Semiconductors

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

