

Image may be representation.
See specifications for product details.



S9S08SL16F1MTL

Manufacturer Part Number	S9S08SL16F1MTL
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-S9S08SL16F1MTL
ECAD Model	PCB Footprint and Symbol
Parts Description	IC MCU 8BIT 16KB FLASH 28TSSOP
Package	28-TSSOP (0.173", 4.40mm Width)
Data sheet	MC9S08(E,S)L xx.pdf
RoHs Status	ROHS3 Compliant

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S9S08SL16F1MTL - NXP USA Inc..New Original in Stock. Download Linear Technology S9S08SL16F1MTL datasheet/specifications on AllelcoElec.com.
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Specifications

S9S08SL16F1MTL Tech Specifications
S9S08SL16F1MTL - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Oscillator Type	External
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package	28-TSSOP	Number of I/O	22
Speed	40MHz	Mounting Type	Surface Mount
Series	S08	EEPROM Size	256 x 8
RAM Size	512 x 8	Data Converters	A/D 16x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	16KB (16K x 8)	Core Processor	S08
Peripherals	LVD, POR, PWM, WDT	Connectivity	I ² C, LINbus, SCI, SPI
Package / Case	28-TSSOP (0.173", 4.40mm Width)	Base Product Number	S9S08
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. S9S08SL16F1MTL

Product Attribute				
Part Number	S9S08SL16F1MTL	S9S08SG8E2WTG	S9S08SL8F1CTJR	S9S08SL8F1MTJR
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 150°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)
Data Converters	A/D 16x10b	A/D 8x10b	A/D 12x10b	A/D 12x10b
Package / Case	28-TSSOP (0.173", 4.40mm Width)	16-TSSOP (0.173", 4.40mm Width)	20-TSSOP (0.173", 4.40mm Width)	20-TSSOP (0.173", 4.40mm Width)
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Series	S08	S08	S08	S08
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Speed	40MHz	40MHz	40MHz	40MHz
Core Processor	S08	S08	S08	S08
EEPROM Size	256 x 8	-	256 x 8	256 x 8
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Peripherals	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Number of I/O	22	12	16	16
Program Memory Size	16KB (16K x 8)	8KB (8K x 8)	8KB (8K x 8)	8KB (8K x 8)
Supplier Device Package	28-TSSOP	16-TSSOP	20-TSSOP	20-TSSOP
Base Product Number	S9S08	S9S08	S9S08	S9S08
Oscillator Type	External	Internal	External	External
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
Package	Tube	Tube	Tape & Reel (TR)	Tape & Reel (TR)
RAM Size	512 x 8	512 x 8	512 x 8	512 x 8

S9S08SL16F1MTL Datasheet PDF

Download S9S08SL16F1MTL pdf datasheets and NXP USA Inc. documentation for S9S08SL16F1MTL - NXP USA Inc..

Datasheets


[MC9S08\(E,S\)L xx.pdf](#)


PCN Packaging

[All Dev Label Update 15/Dec/2020.pdf](#)

[Mult Dev Pkg Seal 15/Dec/2020.pdf](#)

Environmental Information

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 NXP USA Inc RoHS Cert.pdf

PCN Assembly/Origin

 Mult Dev Test Site 25/Mar/2021.pdf

Customers Also Interested in

Recommended Products



S9S08SG8WTG

Freescale / NXP Semiconductors



S9S08SG8E2WTG

NXP USA Inc.
IC MCU 8BIT 8KB FLASH 16TSSOP



S9S08SL16CTL

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S9S08SG8MSC

Freescale / NXP Semiconductors



S9S08SL16MTL

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S9S08SL8F1CTJR

NXP USA Inc.
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IC MCU 8BIT 8KB FLASH 20TSSOP



S9S08SG8VTJ

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S9S08SL8F1MTJ

NXP USA Inc.
IC MCU 8BIT 8KB FLASH 20TSSOP



S9S08SG8V104

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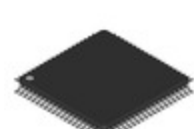
S9S08SL16F1CTJR

NXP USA Inc.
IC MCU 8BIT 16KB FLASH 20TSSOP



S9S08SG8M904

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S9S12B128F0MFUE

Freescale Semiconductor
IC MCU 16BIT 128KB FLASH 80QFP



S9S08SL8F1MTL

NXP USA Inc.
IC MCU 8BIT 8KB FLASH 28TSSOP



S9S08SL8F1MTL

Freescale Semiconductor
IC MCU 8BIT 8KB FLASH 28TSSOP



S9S08SG8MTG

Freescale / NXP Semiconductors



S9S08SG8MTJ

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S9S08SL8F1MTLR

NXP USA Inc.
IC MCU 8BIT 8KB FLASH 28TSSOP

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.

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Certifications & Memberships



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