



Image may be representation.
See specifications for product details.



S9S08SG16E1VTJR

Manufacturer Part Number	S9S08SG16E1VTJR
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-S9S08SG16E1VTJR
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 16KB FLASH 20TSSOP
Package	20-TSSOP (0.173", 4.40mm Width)
Data sheet	MC9S08SG16, 32.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

S9S08SG16E1VTJR - NXP USA Inc..New Original in Stock. Download Linear Technology S9S08SG16E1VTJR datasheet/specifications on AllelcoElec.com.
Request a quote for S9S08SG16E1VTJR, please send us email: info@allelco.com

Specifications

S9S08SG16E1VTJR Tech Specifications

S9S08SG16E1VTJR - 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 ~ 105°C (TA)
Supplier Device Package	20-TSSOP	Number of I/O	16
Speed	40MHz	Mounting Type	Surface Mount
Series	S08	EEPROM Size	-
RAM Size	1K x 8	Data Converters	A/D 12x10b
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	20-TSSOP (0.173", 4.40mm Width)	Base Product Number	S9S08
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. S9S08SG16E1VTJR

Product Attribute				
Part Number	S9S08SG16E1VTJR	S9S08SG16E1CTJR	S9S08SG16E1MTL	S9S08SG16E1MTGR
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	Freescall Semiconductor
Core Processor	S08	S08	S08	S08
Oscillator Type	Internal	Internal	Internal	Internal
Program Memory Size	16KB (16K x 8)	16KB (16K x 8)	16KB (16K x 8)	16KB (16K x 8)
Peripherals	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT
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
Operating Temperature	-40°C ~ 105°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
EEPROM Size	-	-	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Bulk
RAM Size	1K x 8	1K x 8	1K x 8	1K x 8
Base Product Number	S9S08	S9S08	S9S08	S9S08
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Speed	40MHz	40MHz	40MHz	40MHz
Data Converters	A/D 12x10b	A/D 12x10b	A/D 16x10b	A/D 8x10b
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	20-TSSOP	20-TSSOP	28-TSSOP	16-TSSOP
Series	S08	S08	S08	S08
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Package / Case	20-TSSOP (0.173", 4.40mm Width)	20-TSSOP (0.173", 4.40mm Width)	28-TSSOP (0.173", 4.40mm Width)	16-TSSOP (0.173", 4.40mm Width)
Number of I/O	16	16	22	12

S9S08SG16E1VTJR Datasheet PDF

Download S9S08SG16E1VTJR pdf datasheets and NXP USA Inc. documentation for S9S08SG16E1VTJR - NXP USA Inc..

Datasheets

[MC9S08SG16, 32.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

 Mult Dev Test Site 25/Mar/2021.pdf

Customers Also Interested in

Recommended Products

					
S9S08SG16E1CTJR	S9S08SG16E1MTL	S9S08SG16E1MTGR	S9S08SG16E1CTLR	S9S08SG16SMTG	S9S08SG32CTJ
NXP USA Inc. IC MCU 8BIT 16KB FLASH 20TSSOP	NXP USA Inc. IC MCU 8BIT 16KB FLASH 28TSSOP	Freescale Semiconductor IC MCU 8BIT 16KB FLASH 16TSSOP	NXP USA Inc. IC MCU 8BIT 16KB FLASH 28TSSOP	Freescale / NXP Semiconductors	Freescale / NXP Semiconductors
					
S9S08SG16V	S9S08SG16E1WTGR	S9S08SG16E1MTLR	S9S08SG16E1MTG	S9S08SG16E1VTLR	S9S08SG16E1MTJ
Freescale / NXP Semiconductors	NXP USA Inc. IC MCU 8BIT 16KB FLASH 16TSSOP	NXP USA Inc. IC MCU 8BIT 16KB FLASH 28TSSOP	NXP USA Inc. IC MCU 8BIT 16KB FLASH 16TSSOP	NXP USA Inc. IC MCU 8BIT 16KB FLASH 28TSSOP	NXP USA Inc. IC MCU 8BIT 16KB FLASH 20TSSOP
					
S9S08SG16E1MTGR	S9S08SG16SMTJ	S9S08SG16E1VTJR	S9S08SG16E1WTG	S9S08SG16E1CTL	S9S08SG16VTL
NXP USA Inc. IC MCU 8BIT 16KB FLASH 16TSSOP	Freescale / NXP Semiconductors	Freescale Semiconductor IC MCU 8BIT 16KB FLASH 20TSSOP	NXP USA Inc. IC MCU 8BIT 16KB FLASH 16TSSOP	NXP USA Inc. IC MCU 8BIT 16KB FLASH 28TSSOP	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 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

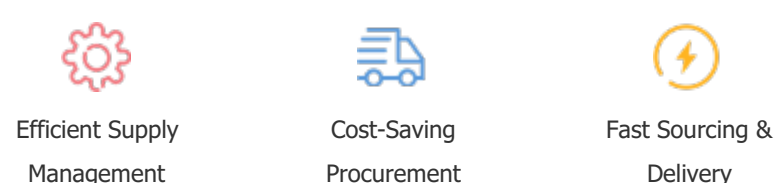
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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 -



Contact us if you have any questions.



Certifications & Memberships



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