

Image may be representation.
See specifications for product details.



S9S12P128J0VFT

Manufacturer Part Number	S9S12P128J0VFT
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-S9S12P128J0VFT
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 16BIT 128KB FLASH 48QFN
Package	48-TFQFN Exposed Pad
Data sheet	S9S12P128J0VFT.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

S9S12P128J0VFT - NXP USA Inc..New Original in Stock. Download Linear Technology S9S12P128J0VFT datasheet/specifications on AllelcoElec.com.
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Specifications

S9S12P128J0VFT Tech Specifications

S9S12P128J0VFT - 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)	1.72V ~ 5.5V	Operating Temperature	-40°C ~ 105°C (TA)
Supplier Device Package	48-QFN-EP (7x7)	Number of I/O	34
Speed	32MHz	Mounting Type	Surface Mount
Series	HCS12	EEPROM Size	4K x 8
RAM Size	6K x 8	Data Converters	A/D 10x12b
Program Memory Type	FLASH	Core Size	16-Bit
Program Memory Size	128KB (128K x 8)	Core Processor	HCS12
Peripherals	LVD, POR, PWM, WDT	Connectivity	CANbus, SCI, SPI
Package / Case	48-TFQFN Exposed Pad	Base Product Number	S9S12
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. S9S12P128J0VFT

Product Attribute				
Part Number	S9S12P128J0VFT	S9S12P128J0CQK	S9S12P128J0MLH	S9S12KG25J2MPVER
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Mounting Type	Surface Mount	Surface Mount	Surface Mount	-
Data Converters	A/D 10x12b	A/D 10x12b	A/D 10x12b	-
Core Processor	HCS12	HCS12	HCS12	-
Operating Temperature	-40°C ~ 105°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-
Core Size	16-Bit	16-Bit	16-Bit	-
Voltage - Supply (Vcc/Vdd)	1.72V ~ 5.5V	1.72V ~ 5.5V	1.72V ~ 5.5V	-
Connectivity	CANbus, SCI, SPI	CANbus, SCI, SPI	CANbus, SCI, SPI	-
Speed	32MHz	32MHz	32MHz	-
Package / Case	48-TFQFN Exposed Pad	80-QFP	64-LQFP	-
Series	HCS12	HCS12	HCS12	*
Package	Tray	Tray	Tray	Tape & Reel (TR)
RAM Size	6K x 8	6K x 8	6K x 8	-
Supplier Device Package	48-QFN-EP (7x7)	80-QFP (14x14)	64-LQFP (10x10)	-
Program Memory Size	128KB (128K x 8)	128KB (128K x 8)	128KB (128K x 8)	-
Oscillator Type	Internal	Internal	Internal	-
Number of I/O	34	64	49	-
Program Memory Type	FLASH	FLASH	FLASH	-
EEPROM Size	4K x 8	4K x 8	4K x 8	-
Base Product Number	S9S12	S9S12	S9S12	S9S12
Peripherals	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	-

S9S12P128J0VFT Datasheet PDF

Download S9S12P128J0VFT pdf datasheets and NXP USA Inc. documentation for S9S12P128J0VFT - NXP USA Inc..

PCN Packaging


All Dev Label Update 15/Dec/2020.pdf

Mult Dev Pkg Seal 15/Dec/2020.pdf

Environmental Information


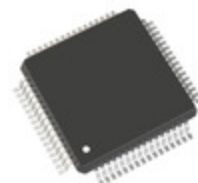

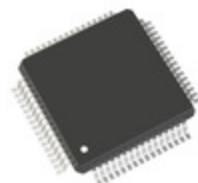
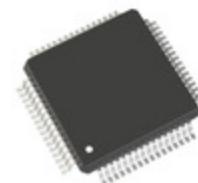









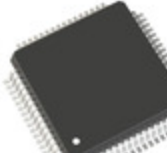
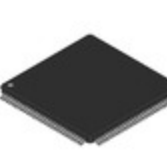


NXP USA Inc REACH.pdf

NXP USA Inc RoHS Cert.pdf

 2.73KHz.pdf

Customers Also Interested in

Recommended Products

					
S9S12P128J0CQK NXP USA Inc. IC MCU 16BIT 128KB FLASH 80QFP	S9S12P128J0MLH NXP USA Inc. IC MCU 16BIT 128KB FLASH 64LQFP	S9S12KG25J2MPVER NXP USA Inc. IC MCU 16BIT 256KB FLASH 112LQFP	S9S12P128J0VLH NXP USA Inc. IC MCU 16BIT 128KB FLASH 64LQFP	S9S12P32J0MLH NXP USA Inc. IC MCU 16BIT 32KB FLASH 64LQFP	S9S12P32J0MLHR NXP USA Inc. IC MCU 16BIT 32KB FLASH 64LQFP
					
S9S12P128J0MFT NXP USA Inc. IC MCU 16BIT 128KB FLASH 48QFN	S9S12P128J0VFT Freescale Semiconductor IC MCU 16BIT 128KB FLASH 48QFN	S9S12P128J0MQK NXP USA Inc. IC MCU 16BIT 128KB FLASH 80QFP	S9S12P32J0MQK NXP USA Inc. IC MCU 16BIT 32KB FLASH 80QFP	S9S12HZ256J3VALR Freescale Semiconductor MICROCONTROLLER, 16 BIT, HCS12 C	S9S12P64J0MFT NXP USA Inc. IC MCU 16BIT 64KB FLASH 48QFN
					
S9S12P32J0VFT NXP USA Inc. IC MCU 16BIT 32KB FLASH 48QFN	S9S12P128J0CLH Freescale Semiconductor IC MCU 16BIT 128KB FLASH 64LQFP	S9S12P128J0CLH NXP USA Inc. IC MCU 16BIT 128KB FLASH 64LQFP	S9S12HZ64J3VAL Freescale Semiconductor MICROCONTROLLER, 16-BIT, FLASH,	S9S12P32J0VFTR NXP USA Inc. IC MCU 16BIT 32KB FLASH 48QFN	S9S12P128J0MFT Freescale Semiconductor IC MCU 16BIT 128KB FLASH 48QFN

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
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Contact us if you have any questions.

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Certifications & Memberships



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