



Image may be representation.
See specifications for product details.



S9S12G128F0CLF

Manufacturer Part Number	S9S12G128F0CLF
Manufacturer	Freescale Semiconductor, Inc. (NXP Semiconductors)
Allelco Part Number	32D-S9S12G128F0CLF
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 16BIT 128KB FLASH 48LQFP
Package	48-LQFP
Data sheet	S9S12G128F0CLF.pdf

Get a Quote

S9S12G128F0CLF - Freescale Semiconductor. New Original in Stock. Download Linear Technology S9S12G128F0CLF datasheet/specifications on AllelcoElec.com.
Request a quote for S9S12G128F0CLF, please send us email: info@allelco.com

Specifications

S9S12G128F0CLF Tech Specifications

S9S12G128F0CLF - Freescale Semiconductor technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Freescale Semiconductor, Inc. (NXP Semiconductors)	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	3.13V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	48-LQFP (7x7)	Number of I/O	40
Speed	25MHz	Mounting Type	Surface Mount
Series	HCS12	EEPROM Size	4K x 8
RAM Size	8K x 8	Data Converters	A/D 12x10b
Program Memory Type	FLASH	Core Size	16-Bit
Program Memory Size	128KB (128K x 8)	Core Processor	12V1
Peripherals	LVD, POR, PWM, WDT	Connectivity	CANbus, IrDA, LINbus, SCI, SPI
Package / Case	48-LQFP	Base Product Number	S9S12
Package	Bulk		

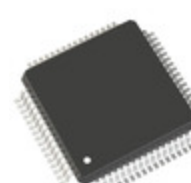
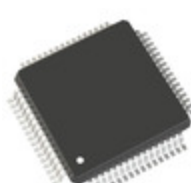
Parts with Similar Specifications

The three parts on the right have similar specifications to Freescale Semiconductor S9S12G128F0CLF

Product Attribute				
Part Number	S9S12G128F0CLF	S9S12G128F0CLL	S9S12G128F0CLFR	S9S12G128F0MLH
Manufacturer	Freescale Semiconductor	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Peripherals	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT
RAM Size	8K x 8	8K x 8	8K x 8	8K x 8
Speed	25MHz	25MHz	25MHz	25MHz
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
Voltage - Supply (Vcc/Vdd)	3.13V ~ 5.5V	3.13V ~ 5.5V	3.13V ~ 5.5V	3.13V ~ 5.5V
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)
Number of I/O	40	86	40	54
Oscillator Type	Internal	Internal	Internal	Internal
Series	HCS12	HCS12	HCS12	HCS12
Base Product Number	S9S12	S9S12	S9S12	S9S12
Package / Case	48-LQFP	100-LQFP	48-LQFP	64-LQFP
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Program Memory Size	128KB (128K x 8)	128KB (128K x 8)	128KB (128K x 8)	128KB (128K x 8)
Supplier Device Package	48-LQFP (7x7)	100-LQFP (14x14)	48-LQFP (7x7)	64-LQFP (10x10)
Data Converters	A/D 12x10b	A/D 12x10b	A/D 12x10b	A/D 12x10b
Core Processor	12V1	12V1	12V1	12V1
Package	Bulk	Tray	Tape & Reel (TR)	Tray
Connectivity	CANbus, IrDA, LINbus, SCI, SPI	CANbus, IrDA, LINbus, SCI, SPI	CANbus, IrDA, LINbus, SCI, SPI	CANbus, IrDA, LINbus, SCI, SPI
EEPROM Size	4K x 8	4K x 8	4K x 8	4K x 8
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

Customers Also Interested in

Recommended Products



S9S12G128F0CLL

NXP USA Inc.
IC MCU 16BIT 128KB FLASH 100LQFP

S9S12G128F0CLFR

NXP USA Inc.
IC MCU 16BIT 128KB FLASH 48LQFP

S9S12G128F0MLH

NXP USA Inc.
IC MCU 16BIT 128KB FLASH 64LQFP

S9S12G128CLH

Freescale / NXP Semiconductors

S9S12G128F0MLFR

NXP USA Inc.
IC MCU 16BIT 128KB FLASH 48LQFP

S9S12G128AVLH

NXP USA Inc.
IC MCU 16BIT 128KB FLASH 64LQFP

					
S9S12G128F0CLH NXP USA Inc. IC MCU 16BIT 128KB FLASH 64LQFP	S9S12G128F0MLHR NXP USA Inc. IC MCU 16BIT 128KB FLASH 64LQFP	S9S12G128AVLFR NXP USA Inc. IC MCU 16BIT 128KB FLASH 48LQFP	S9S12G128AMLLR NXP USA Inc. IC MCU 16BIT 128KB FLASH 100LQFP	S9S12G128AVLF NXP USA Inc. IC MCU 16BIT 128KB FLASH 48LQFP	S9S12G128F0CLF NXP USA Inc. IC MCU 16BIT 128KB FLASH 48LQFP
					
S9S12G128CLF Freescale / NXP Semiconductors	S9S12G128F0MLF NXP USA Inc. IC MCU 16BIT 128KB FLASH 48LQFP	S9S12G128AMLL NXP USA Inc. IC MCU 16BIT 128KB FLASH 100LQFP	S9S12G128F0MLL NXP USA Inc. IC MCU 16BIT 128KB FLASH 100LQFP	S9S12G128AVLL NXP USA Inc. IC MCU 16BIT 128KB FLASH 100LQFP	S9S12G128F0VLF NXP USA Inc. IC MCU 16BIT 128KB FLASH 48LQFP

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.



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-  Fast Sourcing & Delivery

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Certifications & Memberships



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