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See specifications for product details.



S912XHY128F0CLM

Manufacturer Part Number	S912XHY128F0CLM
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-S912XHY128F0CLM
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 16BIT 128KB FLASH 112LQFP
Package	112-LQFP
Data sheet	S912XHY128F0CLM.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

S912XHY128F0CLM - NXP USA Inc..New Original in Stock. Download Linear Technology S912XHY128F0CLM datasheet/specifications on AllelcoElec.com.
Request a quote for S912XHY128F0CLM, please send us email: info@allelco.com

Specifications

S912XHY128F0CLM Tech Specifications
S912XHY128F0CLM - 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)	4.5V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	112-LQFP (20x20)	Number of I/O	88
Speed	40MHz	Mounting Type	Surface Mount
Series	HCS12X	EEPROM Size	8K 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	HCS12X
Peripherals	LCD, Motor control PWM, POR, PWM, WDT	Connectivity	CANbus, EBI/EMI, I ² C, IrDA, LINbus, SCI, SPI
Package / Case	112-LQFP	Base Product Number	S912
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. S912XHY128F0CLM

Product Attribute				
Part Number	S912XHY128F0CLM	S912XET512J3MAGR	S912XHY256F0VLM	S912XET256W1VALR
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
RAM Size	8K x 8	32K x 8	12K x 8	16K x 8
Package	Tray	Tape & Reel (TR)	Tray	Tape & Reel (TR)
Package / Case	112-LQFP	144-LQFP	112-LQFP	112-LQFP
Voltage - Supply (Vcc/Vdd)	4.5V ~ 5.5V	1.72V ~ 5.5V	4.5V ~ 5.5V	1.72V ~ 5.5V
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)
Core Processor	HCS12X	HCS12X	HCS12X	HCS12X
Base Product Number	S912	S912	S912	S912
Oscillator Type	External	External	External	External
Data Converters	A/D 12x10b	A/D 24x12b	A/D 12x10b	A/D 16x12b
Peripherals	LCD, Motor control PWM, POR, PWM, WDT	LVD, POR, PWM, WDT	LCD, Motor control PWM, POR, PWM, WDT	LVD, POR, PWM, WDT
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	112-LQFP (20x20)	144-LQFP (20x20)	112-LQFP (20x20)	112-LQFP (20x20)
Program Memory Size	128KB (128K x 8)	512KB (512K x 8)	256KB (256K x 8)	256KB (256K x 8)
Number of I/O	88	119	88	91
Connectivity	CANbus, EBI/EMI, I ² C, IrDA, LINbus, SCI, SPI	CANbus, EBI/EMI, I ² C, IrDA, SCI, SPI	CANbus, EBI/EMI, I ² C, IrDA, LINbus, SCI, SPI	CANbus, EBI/EMI, I ² C, IrDA, SCI, SPI
Speed	40MHz	50MHz	40MHz	50MHz
Program Memory Type	FLASH	FLASH	FLASH	FLASH
EEPROM Size	8K x 8	4K x 8	8K x 8	4K x 8
Series	HCS12X	HCS12X	HCS12X	HCS12X

S912XHY128F0CLM Datasheet PDF

Download S912XHY128F0CLM pdf datasheets and NXP USA Inc. documentation for S912XHY128F0CLM - 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

Customers Also Interested in

Recommended Products

					
S912XET512J3MAGR	S912XHY128VLM 0M23Y	S912XHY256CLM	S912XHY128CLM	S912XHY256F0VLM	S912XET256W1VALR
NXP USA Inc. IC MCU 16BIT 512KB FLASH 144LQFP	NA	Freescle / NXP Semiconductors	Freescle / NXP Semiconductors	NXP USA Inc. IC MCU 16BIT 256KB FLASH 112LQFP	NXP USA Inc. IC MCU 16BIT 256KB FLASH 112LQFP
					
S912XHY128F0CLL	S912XET512BVALR	S912XET512J2VAGR	S912XHY128F0VLL	S912XHY256F0MLL	S912XHY256F0CLM
NXP USA Inc. IC MCU 16BIT 128KB FLASH 100LQFP	NXP USA Inc. IC MCU 16BIT 512KB FLASH 112LQFP	Freescle Semiconductor MICROCONTROLLER, 16-BIT, HCS12 C	NXP USA Inc. IC MCU 16BIT 128KB FLASH 100LQFP	NXP USA Inc. IC MCU 16BIT 256KB FLASH 100LQFP	NXP USA Inc. IC MCU 16BIT 256KB FLASH 112LQFP
					
S912XHY128CLM 0M23Y	S912XHY256CLM 0M23Y	S912XHY128F0VLLR	S912XHY128F0VLM	S912XET512J3VAGR	S912XET512J3MAGR
NA	NA	NXP USA Inc. IC MCU 16BIT 128KB FLASH 100LQFP	NXP USA Inc. IC MCU 16BIT 128KB FLASH 112LQFP	NXP USA Inc. IC MCU 16BIT 512KB FLASH 144LQFP	Freescle Semiconductor IC MCU 16BIT 512KB FLASH 144LQFP

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
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Certifications & Memberships



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