

S912XEQ512F1MAGR Information


For Reference Only

Part Number [S912XEQ512F1MAGR](#)
Manufacturer NXP
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description 16-BIT MCU S12X CORE 512KB FLA
Package 144-LQFP
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


[Request a Quote](#)
Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


S912XEQ512F1MAGR Specifications

Manufacturer Part Number	S912XEQ512F1MAGR
Manufacturer	NXP
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	144-LQFP
Series	HCS12X
Core Processor	HCS12X
Core Size	16-Bit
Speed	50MHz
Connectivity	CANbus, EBI/EMI, I ² C, IrDA, SCI, SPI
Peripherals	LVD, POR, PWM, WDT
Number of I/O	119
Program Memory Size	512KB (512K x 8)
Program Memory Type	FLASH
EEPROM Size	4K x 8
RAM Size	32K x 8
Voltage - Supply (Vcc/Vdd)	1.72 V ~ 5.5 V
Data Converters	A/D 24x12b
Oscillator Type	External
Operating Temperature	-40°C ~ 125°C (TA)
Mounting Type	-
Package / Case	144-LQFP
Supplier Device Package	144-LQFP (20x20)

[Report errors?](#)

S912XEQ512F1MAGR Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

S912XEQ512F1MAGR Payment Methods



S912XEQ512F1MAGR Shipping Methods



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