

S912XDP512J1MALR



Part Number: [S912XDP512J1MALR](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: 16-BIT MCU S12X CORE 512KB FLA

Data sheet:

RoHs Status:

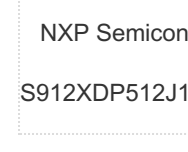
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PRODUCT PARAMETER			
Part Number	S912XDP512J1MALR	Manufacturer	NXP Semiconductors / Freescale
Description	16-BIT MCU S12X CORE 512KB FLA	Lead Free Status / RoHS Status	
Quantity Available	4551 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.35 V ~ 5.5 V
Supplier Device Package	112-LQFP (20x20)	Speed	80MHz
Series	HCS12X	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	LVD, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	112-LQFP	Other Names	935312243528
Oscillator Type	External	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	91	Moisture Sensitivity Level (MSL)	3 (168 Hours)
EEPROM Size	4K x 8	Detailed Description	HCS12X HCS12X Microcontroller IC 16-Bit 80MHz 512KB (512K x 8) FLASH 112-LQFP (20x20)
Data Converters	A/D 8x10b, 16x10b	Core Size	16-Bit
Core Processor	HCS12X	Connectivity	CANbus, I ² C, SCI, SPI
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