

S912XDG128F2MAA



Part Number: [S912XDG128F2MAA](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 16BIT 128KB FLASH 80QFP

Data sheet:  [MC9S12XDP512 Family](#)

RoHs Status: Lead free / RoHS Compliant

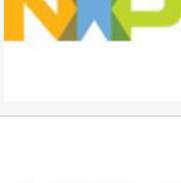
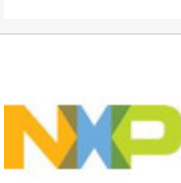
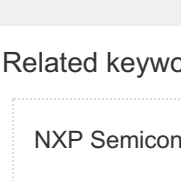
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PRODUCT PARAMETER			
Part Number	S912XDG128F2MAA	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 16BIT 128KB FLASH 80QFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	9681 pcs	Data sheet	MC9S12XDP512 Family
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.35 V ~ 5.5 V
Supplier Device Package	80-QFP (14x14)	Speed	80MHz
Series	HCS12X	RAM Size	12K x 8
Program Memory Type	FLASH	Program Memory Size	128KB (128K x 8)
Peripherals	LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	80-QFP	Other Names	935315527557
Oscillator Type	External	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	59	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	2K x 8
Detailed Description	HCS12X HCS12X Microcontroller IC 16-Bit 80MHz 128KB (128K x 8) FLASH 80-QFP (14x14)	Data Converters	A/D 8x10b, 16x10b
Core Size	16-Bit	Core Processor	HCS12X
Connectivity	CANbus, I ² C, SCI, SPI	Base Part Number	S912XDG128
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