

S912XDT512J1MAA



Part Number: [S912XDT512J1MAA](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: 912XDT512J1 GENERAL

Data sheet:  [S12XD, XB, XA Families](#)

RoHs Status:

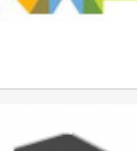
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PRODUCT PARAMETER			
Part Number	S912XDT512J1MAA	Manufacturer	NXP Semiconductors / Freescale
Description	912XDT512J1 GENERAL	Lead Free Status / RoHS Status	
Quantity Available	4095 pcs	Data sheet	S12XD, XB, XA Families
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3.15 V ~ 5.5 V
Supplier Device Package	80-QFP (14x14)	Speed	80MHz
Series	HCS12X	RAM Size	20K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	80-QFP	Other Names	935358582557
Oscillator Type	External	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	59	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 80-QFP (14x14)
Data Converters	A/D 8x12b	Core Size	16-Bit
Core Processor	HCS12X	Connectivity	CANbus, I ² C, SCI, SPI
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	Part#: S912XDT384J1MAL Description: 16-BIT MCU S12X CORE 384KB FLA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S912XDT256F1MAL Description: IC MCU 16BIT 256KB FLASH 112LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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