









	<p>S912XDT256F1MAL</p>
	<p>Manufacturer Part Number: S912XDT256F1MAL</p> <p>Manufacturer/Brand: NXP Semiconductors / Freescale</p> <p>Part of Description: IC MCU 16BIT 256KB FLASH 112LQFP</p> <p>Datasheets:  S912XDT256F1MAL.pdf</p> <p>RoHs Status:  Lead free / RoHS Compliant</p> <p>Stock Condition: New original, 17440 pcs Stock Available.</p> <p>Ship From: Hong Kong</p> <p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p>
<p>Image may be representation. See specs for product details.</p>	

Specifications

Part Number	S912XDT256F1MAL
Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 16BIT 256KB FLASH 112LQFP
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	17440 pcs Stock
Series	HCS12X
Operating Temperature	-40°C ~ 125°C (TA)
Package / Case	112-LQFP
Supplier Device Package	112-LQFP (20x20)
Peripherals	LVD, POR, PWM, WDT
Core Processor	HCS12X
Speed	80MHz
Number of I/O	91
EEPROM Size	4K x 8
RAM Size	16K x 8
Core Size	16-Bit
Connectivity	CAN, I ² C, SCI, SPI
Program Memory Size	256KB (256K x 8)
Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)	2.35 V ~ 5.5 V
Data Converters	A/D 8x10b, 16x10b
Oscillator Type	External
Packaging	Tray






























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 <p>S912XDT256F1CAGR NXP Semiconductors / Freescale IC MCU 16BIT 256KB FLASH 144LQFP</p>	 <p>S912XDT256F1CAG NXP Semiconductors / Freescale 16-BIT MCU S12X CORE 256KB FLA</p>	 <p>S912XDT384J1MALR NXP Semiconductors / Freescale 16-BIT MCU S12X CORE 384KB FLA</p>	 <p>S912XDT384J1MAL NXP Semiconductors / Freescale 16-BIT MCU S12X CORE 384KB FLA</p>

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|  S912XDT384J1VALR |  S912XEG128BMAA |  S912XEG128BMAL |  S912XEG128J2CAL |  S912XEG128J2CAL |
|  S912XEG128J2MAA |  S912XEG128J2MAAR |  S912XEG128J2MAL |  S912XEG128W1MAL |  S912XEP100BMAG |
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