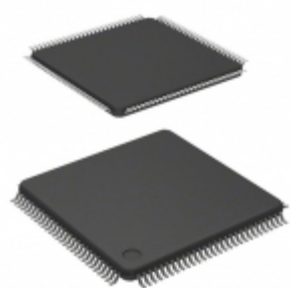


S9S12XS128J1MAL



Images are for reference only.
See Product Specifications for product details.
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Part Number: [S9S12XS128J1MAL](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 16BIT 128KB FLASH 112LQFP

Data sheet:  [S12XS Family Fact Sheet](#)
 [MC9S12XS256 Manual](#)
 [MC9S12XS Family Reference Manual](#)

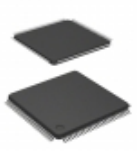
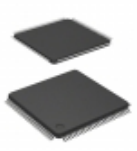
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	S9S12XS128J1MAL	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 16BIT 128KB FLASH 112LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	14715 pcs	Data sheet	S12XS Family Fact Sheet MC9S12XS256 Manual MC9S12XS Family Reference Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.72 V ~ 5.5 V
Supplier Device Package	112-LQFP (20x20)	Speed	40MHz
Series	HCS12X	RAM Size	8K x 8
Program Memory Type	FLASH	Program Memory Size	128KB (128K x 8)
Peripherals	LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	112-LQFP	Other Names	935311884557
Oscillator Type	External	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	91	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	HCS12X HCS12X Microcontroller IC 16-Bit 40MHz 128KB (128K x 8) FLASH 112-LQFP (20x20)	Data Converters	A/D 16x12b
Core Size	16-Bit	Core Processor	HCS12X
Connectivity	CANbus, SCI, SPI	Base Part Number	S9S12XS128
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	Part#: S9S12XS256J0CAA Description: IC MCU 16BIT 256KB FLASH 80QFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: S9S12XS128J1CAE Description: IC MCU 16BIT 128KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S9S12XS128J1CAL Description: IC MCU 16BIT 128KB FLASH 112LQFP	Manufacturers: NXP USA Inc.	RFQ
	Part#: S9S12XS128J1CAAR Description: 16-BIT MCU S12X CORE 128KB FLA	Manufacturers: NXP Semiconductors / Freescale	RFQ

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