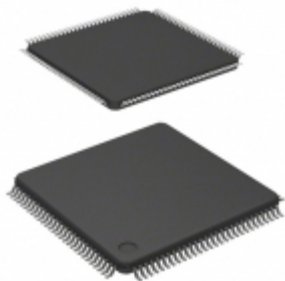


S9S12XS128J1CAL



Images are for reference only.
See Product Specifications for product details.
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Part Number: [S9S12XS128J1CAL](#)

Manufacturer: [NXP USA Inc.](#)

Description: IC MCU 16BIT 128KB FLASH 112LQFP

Data sheet:  [S12XS Family Fact Sheet](#)
 [MC9S12XSxx Ref Manual](#)

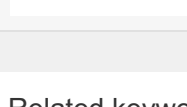
RoHS Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	S9S12XS128J1CAL	Manufacturer	NXP USA Inc.
Description	IC MCU 16BIT 128KB FLASH 112LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	21124 pcs	Data sheet	S12XS Family Fact Sheet MC9S12XSxx Ref Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	FLASH
Voltage - Breakdown	112-LQFP (20x20)	Series	HCS12X
RoHS Status	Tray	Reverse Recovery Time (trr)	40MHz
Requires	LVD, POR, PWM, WDT	Program Memory Type	128KB (128K x 8)
Program Memory Size	CAN, SCI, SPI	Polarization	112-LQFP
Other Names	935310005557	Oscillator Type	A/D 16x12b
Operating Temperature	-40°C ~ 85°C (TA)	Operating System	HCS12X
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	12 Weeks
Manufacturer Part Number	S9S12XS128J1CAL	Expanded Description	HCS12X HCS12X Microcontroller IC 16-Bit 40MHz 128KB (128K x 8) FLASH 112-LQFP (20x20)
Description	IC MCU 16BIT 128KB FLASH 112LQFP	Data SRAM Bytes	-
Data Converters	1.72 V ~ 5.5 V	Core Size	8K x 8
Controller Series	External	Connectivity	16-Bit
Clock Rate	91		
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	Part#: S9S12XS128J1MAE Description: IC MCU 16BIT 128KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S9S12XS128J1VAE Description: 16-BIT MCU S12X CORE 128KB FLA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S9S12XS128J1VAA Description: IC MCU 16BIT 128KB FLASH 80QFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: S9S12VRP64F0VLF Description: 64K FLASH, 6K RAM	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: S9S12XS128J1VAER Description: IC MCU 16BIT 128KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: S9S12XS128J1CAER Description: IC MCU 16BIT 128KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: S9S12VR64F2VLC Description: IC MCU 16BIT 64KB FLASH 32LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ

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