

PS32K144UAT0VLLA



Part Number: [PS32K144UAT0VLLA](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 512KB FLASH 100LQFP

Data sheet:  [S32K14x Reference Manual](#)
 [S32K1 Microcontrollers Fact Sheet](#)
 [S32K1xx Product Brief](#)
 [S32K1xx Datasheet](#)

RoHs Status:

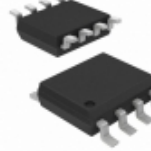
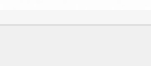
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PRODUCT PARAMETER			
Part Number	PS32K144UAT0VLLA	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 512KB FLASH 100LQFP	Lead Free Status / RoHS Status	
Quantity Available	9260 pcs	Data sheet	S32K14x Reference Manual S32K1 Microcontrollers Fact Sheet S32K1xx Product Brief S32K1xx Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	100-LQFP (14x14)	Speed	112MHz
Series	S32K	RAM Size	64K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	DMA, PWM, WDT	Packaging	Bulk
Package / Case	100-LQFP	Other Names	568-13381
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Moisture Sensitivity Level (MSL)	3 (168 Hours)	EEPROM Size	-
Detailed Description	ARM® Cortex®-M4F S32K Microcontroller IC 32-Bit 112MHz 512KB (512K x 8) FLASH 100-LQFP (14x14)	Data Converters	A/D 16x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4F
Connectivity	CANbus, I²C, LINbus, SPI, UART/USART		
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	Part#: PS323CUAEX Description: IC ANLG SW SPST DUAL NO 8-MSOP	Manufacturers: Diodes Incorporated	RFQ
	Part#: PS321CPA Description: IC SWITCH DUAL SPST 8DIP	Manufacturers: Diodes Incorporated	RFQ
	Part#: PS3612B Description: OUTLET STRIP 12 OUT 15A 120V	Manufacturers: Tripp Lite	RFQ
	Part#: PS3612 Description: POWER STRIP 36" 12OUT 15"CORD	Manufacturers: Tripp Lite	RFQ
	Part#: PS383CSE Description: IC SWITCH DUAL SPDT 16SOIC	Manufacturers: Diodes Incorporated	RFQ
	Part#: PS323CSAE Description: IC SWITCH DUAL SPST 8SOIC	Manufacturers: Diodes Incorporated	RFQ
	Part#: PS3612RA Description: POWER STRIP 36" 12OUT 15"CORD	Manufacturers: Tripp Lite	RFQ
	Part#: PS323ESAEX Description: IC SWITCH DUAL SPST SOIC	Manufacturers: Diodes Incorporated	RFQ
	Part#: PS3612-20HW Description: POWER STRIP 36" 12OUT NO CORD	Manufacturers: Tripp Lite	RFQ
	Part#: PS323CPA Description: IC SWITCH DUAL SPST 8DIP	Manufacturers: Diodes Incorporated	RFQ
	Part#: PS383EPE Description: IC SWITCH DUAL SPDT 16DIP	Manufacturers: Diodes Incorporated	RFQ
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	Part#: PS323CUA Description: IC DUAL ANALOG SW 8-MSOP	Manufacturers: Diodes Incorporated	RFQ
	Part#: PS323ESAE Description: IC SWITCH DUAL SPST 8SOIC	Manufacturers: Diodes Incorporated	RFQ
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	Part#: PS361206 Description: POWER STRIP 36" 12OUT 6"CORD	Manufacturers: Tripp Lite	RFQ
	Part#: PS32V234CMN1AVUB Description: PRE-QUAL ISP GPU NO CSE1GHZ	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: PS32K144UAT0VLHA Description: IC MCU 32BIT 512KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: PS323ESA Description: IC SWITCH DUAL SPST 8SOIC	Manufacturers: Diodes Incorporated	RFQ

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