



Image may be representation. See specifications for product details.

PS32K144UAT0VLLA

Part Number:	PS32K144UAT0VLLA
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 100LQFP
Datasheets:	1.PS32K144UAT0VLLA.pdf 2.PS32K144UAT0VLLA.pdf 3.PS32K144UAT0VLLA.pdf 4.PS32K144UAT0VLLA.pdf
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

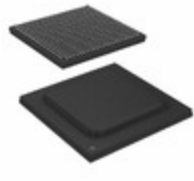
Specifications of PS32K144UAT0VLLA

PART NUMBER	PS32K144UAT0VLLA
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	
DATA SHEET	1.PS32K144UAT0VLLA.pdf 2.PS32K144UAT0VLLA.pdf 3.PS32K144UAT0VLLA.pdf 4.PS32K144UAT0VLLA.pdf
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

Related Tags

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 PS323ESAE Manufacturers: Diodes Incorporated Description: IC SWITCH DUAL SPST 8SOIC In stock: 58 pcs RFQ	 PS323CUA Manufacturers: Diodes Incorporated Description: IC DUAL ANALOG SW 8-MSOP In stock: Out stock RFQ
 PS3612-20HW Manufacturers: Tripp Lite Description: POWER STRIP 36" 12OUT NO CORD In stock: 8 pcs RFQ	 PS323ESA Manufacturers: Diodes Incorporated Description: IC SWITCH DUAL SPST 8SOIC In stock: Out stock RFQ
 PS323CUAEX Manufacturers: Diodes Incorporated Description: IC ANLG SW SPST DUAL NO 8-MSOP In stock: Out stock RFQ	 PS361206 Manufacturers: Tripp Lite Description: POWER STRIP 36" 12OUT 6'CORD In stock: 15 pcs RFQ
 PS361220 Manufacturers: Tripp Lite Description: POWER STRIP 36" 12OUT 15'CORD In stock: 25 pcs RFQ	 PS3612B Manufacturers: Tripp Lite Description: OUTLET STRIP 12 OUT 15A 120V In stock: 14 pcs RFQ
 PS32K144UAT0VLHA Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 64LQFP In stock: Out stock RFQ	 PS3612 Manufacturers: Tripp Lite Description: POWER STRIP 36" 12OUT 15'CORD In stock: 95 pcs RFQ