

FS32K144URT0VLHT



Part Number: [FS32K144URT0VLHT](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: S32K144 32-BIT MCU, ARM

Data sheet:  [S32K1xx Series Reference Manual](#)
 [S32K1xx Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

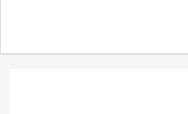
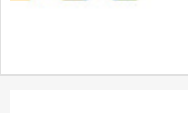
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PRODUCT PARAMETER			
Part Number	FS32K144URT0VLHT	Manufacturer	NXP Semiconductors / Freescale
Description	S32K144 32-BIT MCU, ARM	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	16028 pcs	Data sheet	S32K1xx Series Reference Manual S32K1xx Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	64-LQFP (10x10)	Speed	112MHz
Series	S32K	RAM Size	64K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	POR, PWM, WDT	Packaging	Tray
Package / Case	64-LQFP	Other Names	935364157557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	20 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	4K x 8
Detailed Description	ARM® Cortex®-M4F S32K Microcontroller IC 32-Bit 112MHz 512KB (512K x 8) FLASH 64-LQFP (10x10)	Data Converters	A/D 16x12b, D/A 1x8b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4F
Connectivity	CANbus, FlexIO, I²C, LINbus, SPI, UART/USART		
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