

FS32K144MRT0VLHT



Part Number: [FS32K144MRT0VLHT](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: S32K144 32-BIT MCU ARM

Data sheet:

RoHs Status:

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER				
Part Number	FS32K144MRT0VLHT	Manufacturer	NXP Semiconductors / Freescale	
Description	S32K144 32-BIT MCU ARM	Lead Free Status / RoHS Status		
Quantity Available	16452 pcs	Data sheet		
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V	
Supplier Device Package	64-LQFP (10x10)	Speed	64MHz	
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	935370531557	
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)	
Manufacturer Standard Lead Time	20 Weeks	EEPROM Size	4K x 8	
Detailed Description	ARM® Cortex®-M4F S32K Microcontroller IC 32-Bit 64MHz 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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