






	Manufacturer Part Number: FS32K144HNT0CLLR
	Manufacturer/Brand: NXP Semiconductors / Freescale
	Part of Description: S32K144 32-BIT MCU, ARM CORTEX-M
	Datasheets: <ul style="list-style-type: none">  1.FS32K144HNT0CLLR.pdf  2.FS32K144HNT0CLLR.pdf
	RoHS Status:  Lead free / RoHS
	Stock Condition: Compliant New original, Stock Available.
	Ship From: Hong Kong
Image may be representation. See specs for product details.	Shipment Way: DHL/Fedex/TNT/UPS/EMS

Specifications

Part Number	FS32K144HNT0CLLR
Manufacturer	NXP Semiconductors / Freescale
Description	S32K144 32-BIT MCU, ARM CORTEX-M
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	Require For Quote & Check Stock
Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	100-LQFP (14x14)
Speed	80MHz
Series	S32K
RAM Size	64K x 8
Program Memory Type	FLASH
Program Memory Size	512KB (512K x 8)
Peripherals	POR, PWM, WDT
Packaging	Tape & Reel (TR)
Package / Case	100-LQFP
Other Names	935347637528
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°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
Data Converters	A/D 16x12b, D/A 1x8b
Core Size	32-Bit
Core Processor	ARM® Cortex®-M4F
Connectivity	CANbus, FlexIO, I ² C, LINbus, SPI, UART/USART

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