

	FS32K144HRT0CLHT
	Manufacturer Part Number: FS32K144HRT0CLHT
	Manufacturer/Brand: NXP Semiconductors / Freescale
	Part of Description: S32K144 32-BIT MCU ARM CORTEX-M
	Datasheets:  FS32K144HRT0CLHT.pdf
	RoHs Status:
	Stock Condition: New original, 2547 pcs 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	FS32K144HRT0CLHT
Manufacturer	NXP Semiconductors / Freescale
Description	S32K144 32-BIT MCU ARM CORTEX-M
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	2547 pcs Stock
Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	64-LQFP (10x10)
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	Tray
Package / Case	64-LQFP
Other Names	935347687557
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	20 Weeks
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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Contact us: Info@YIC-Electronics.com

ADD:Unit A5-B5 No.509, 5/F Sing Win Factory Building, 15-17 Shing yip St, Kwun Tong, Kowloon, HongKong.

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