




NXP Semiconductors / Freescale

FS32K142HAT0VLHT

Part Number:	FS32K142HAT0VLHT
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	S32K142 32-BIT MCU, ARM PDF 1.FS32K142HAT0VLHT.pdf PDF 2.FS32K142HAT0VLHT.pdf
Datasheets:	 Lead free / RoHS Compliant
RoHS Status:	
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.













Specifications of FS32K142HAT0VLHT

PART NUMBER	FS32K142HAT0VLHT
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	S32K142 32-BIT MCU, ARM
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.FS32K142HAT0VLHT.pdf PDF 2.FS32K142HAT0VLHT.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	64-LQFP (10x10)
SPEED	80MHz
SERIES	S32K
RAM SIZE	32K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	64-LQFP
OTHER NAMES	935364715557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
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 80MHz 256KB (256K 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, I ² C, LINbus, SPI, UART/USART

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