

NXP Semiconductors / Freescale



FS32K144HAT0CLHT

Part Number:	FS32K144HAT0CLHT
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	S32K144 32-BIT MCU ARM CORTEX-M
Datasheets:	
Stock Condition	17068 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

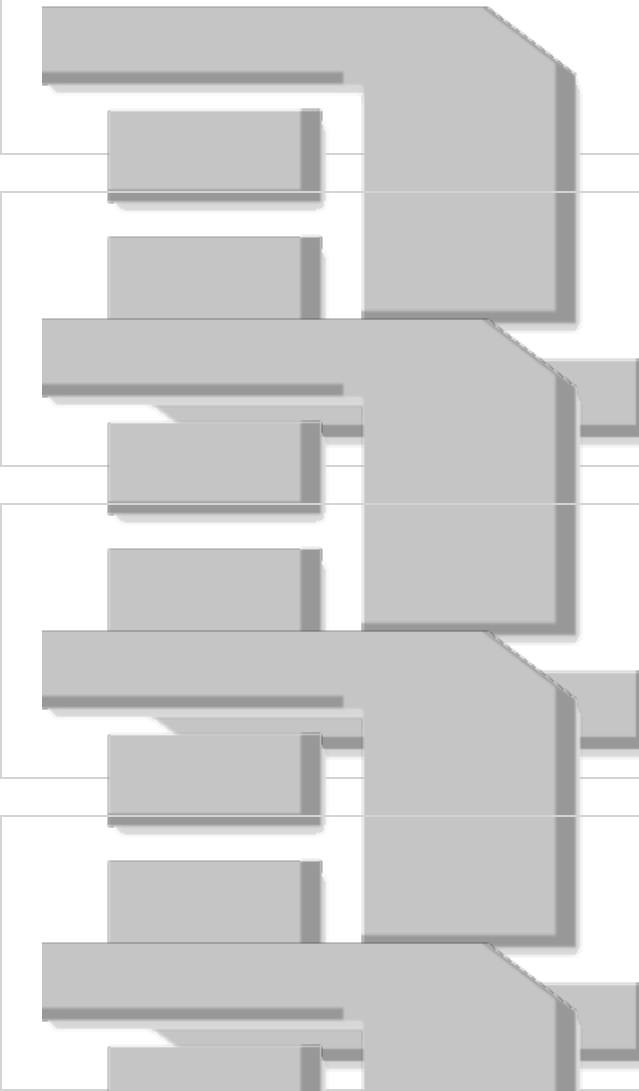
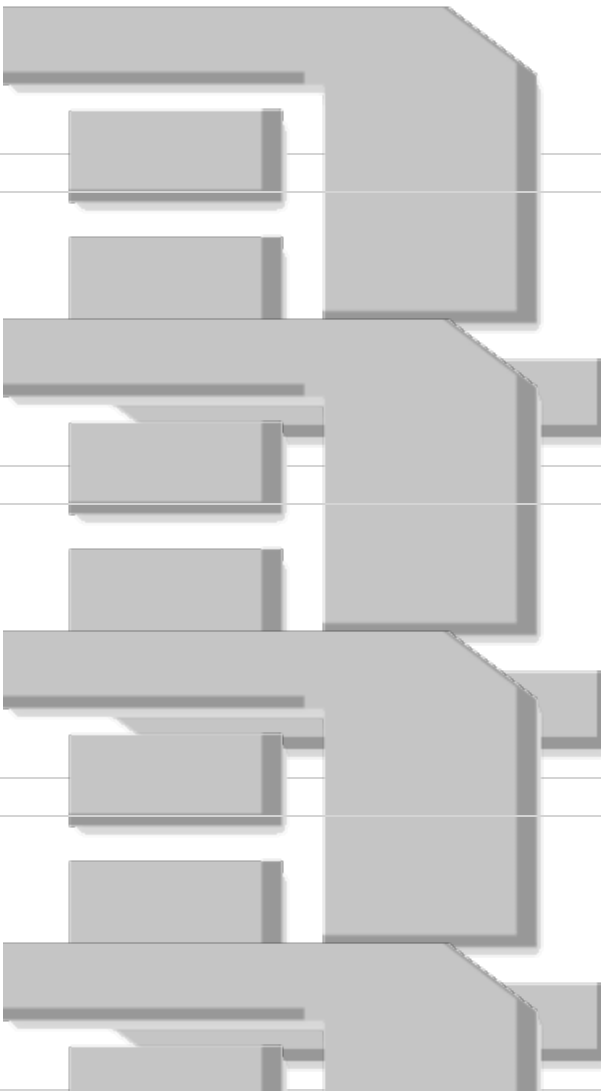
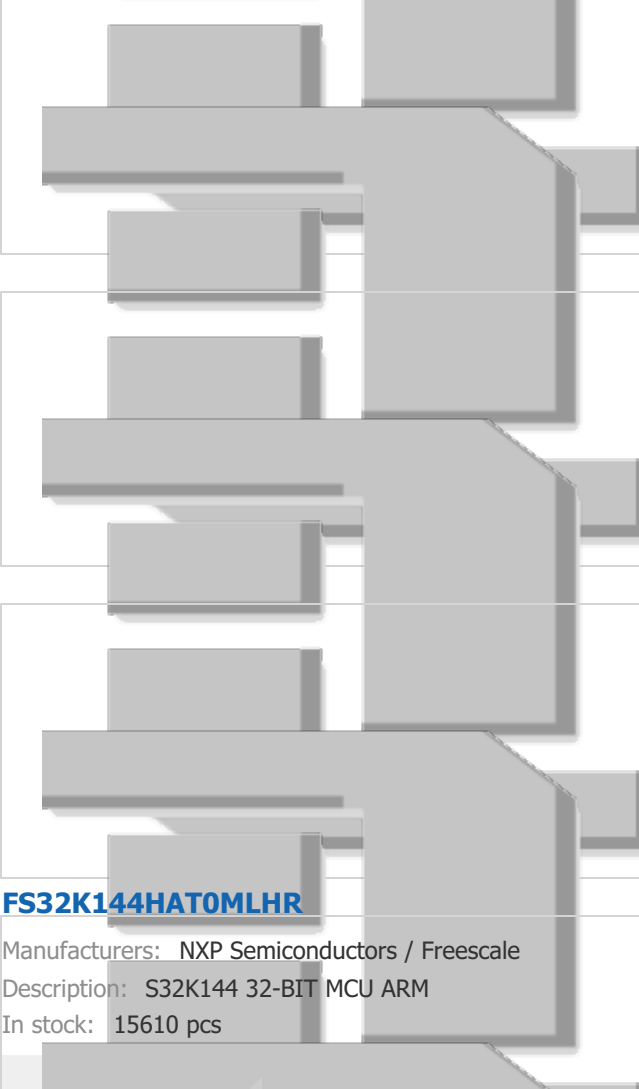
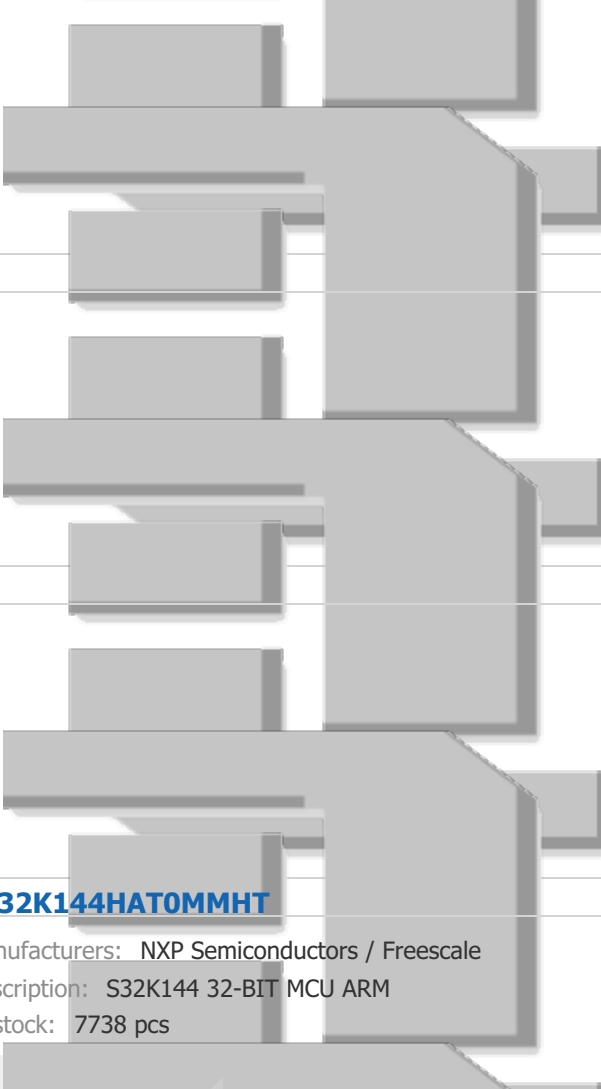
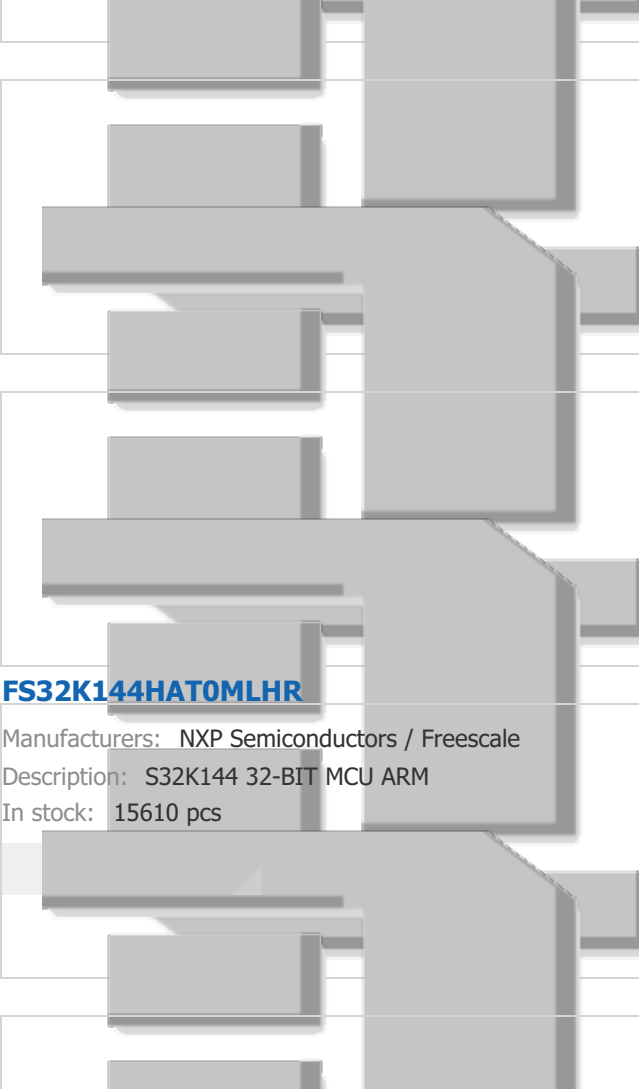
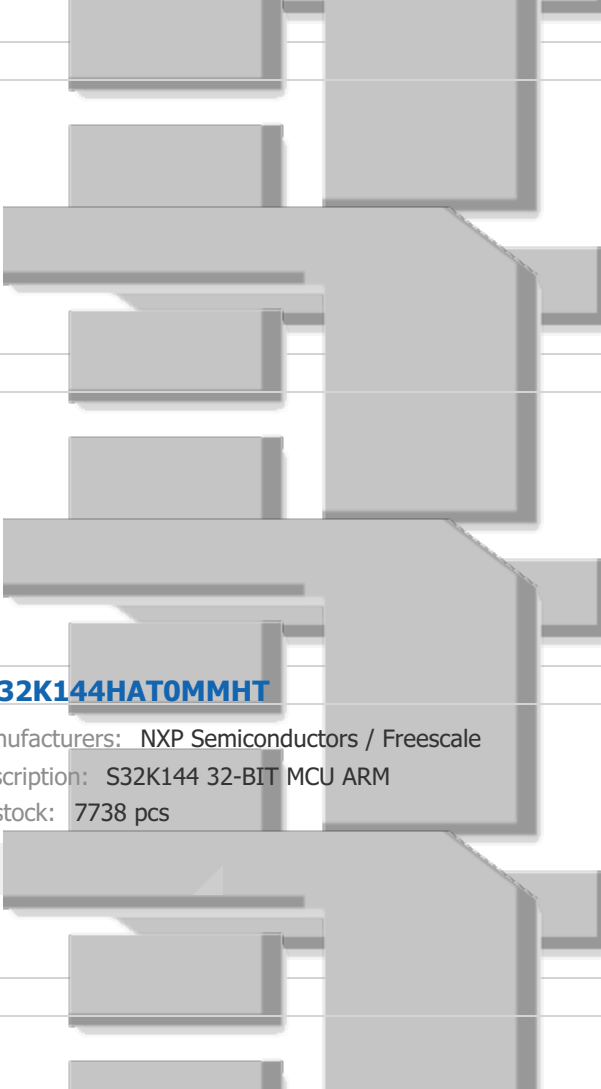
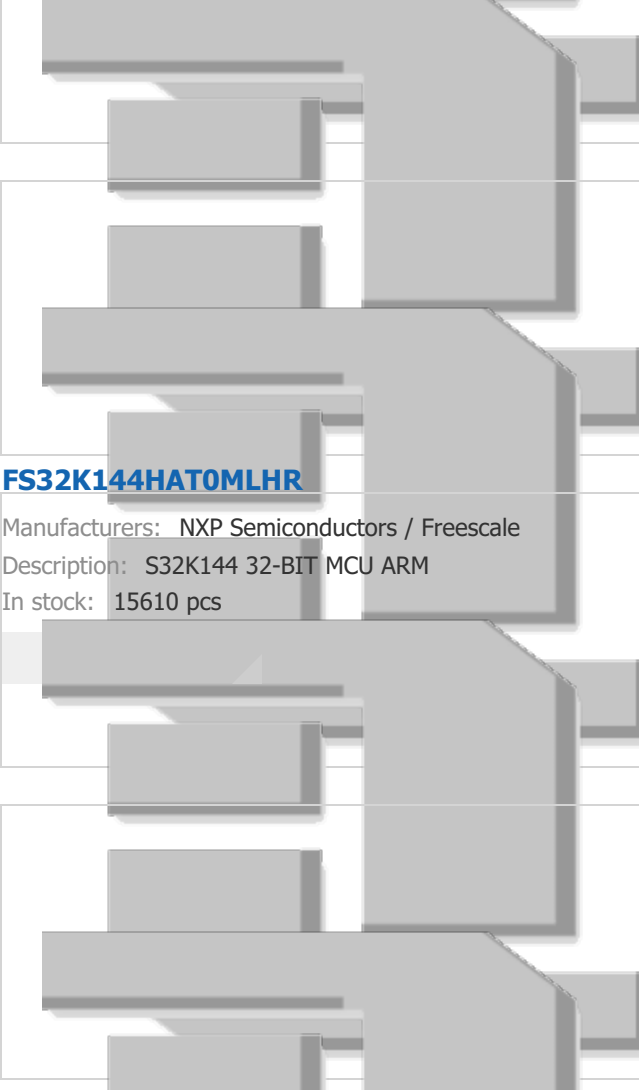
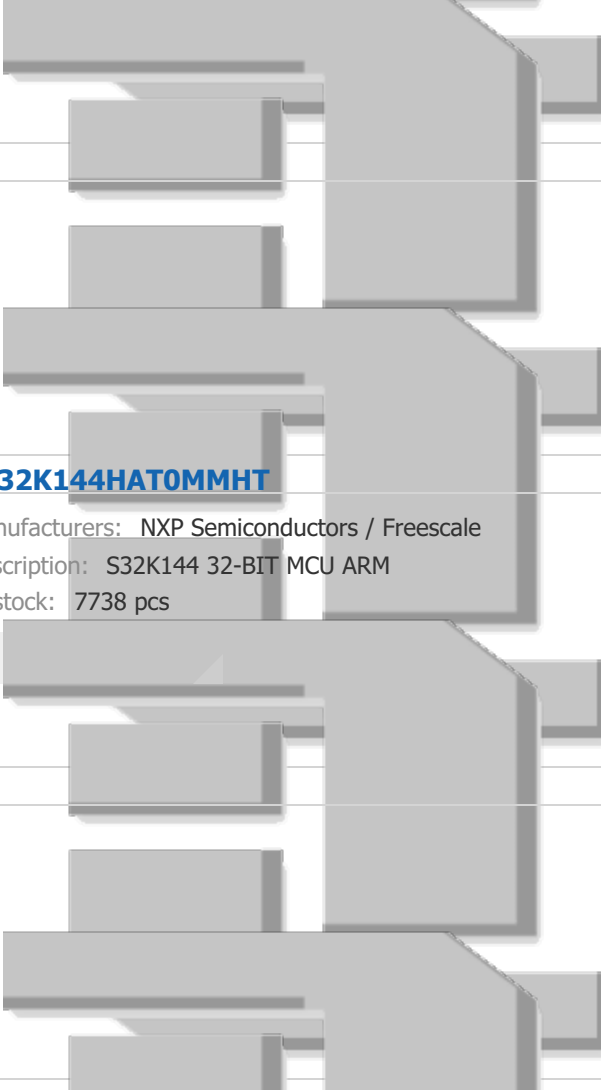
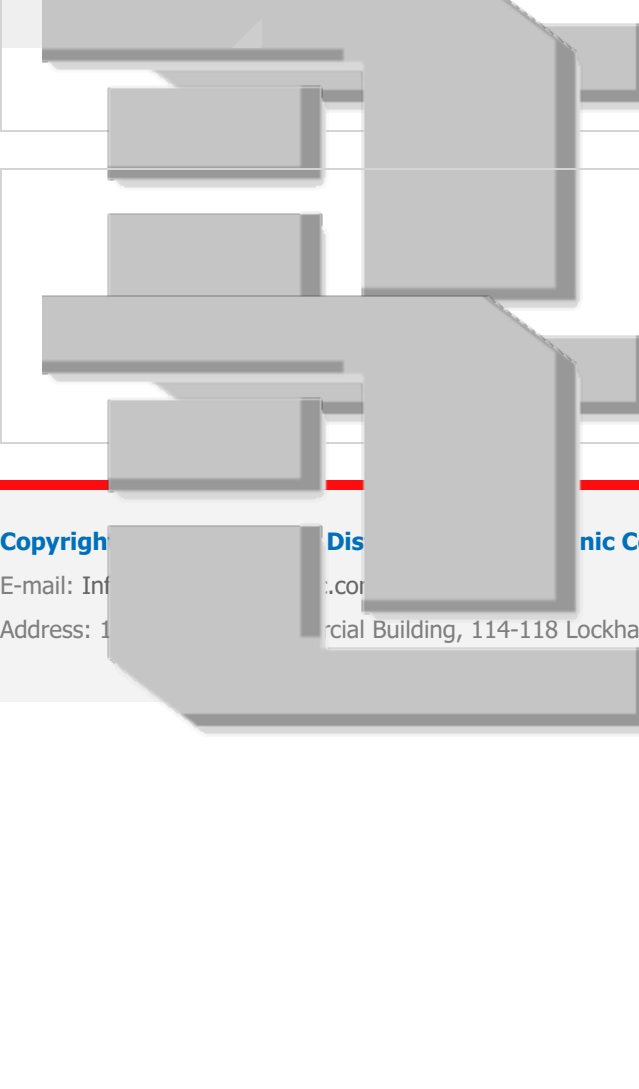
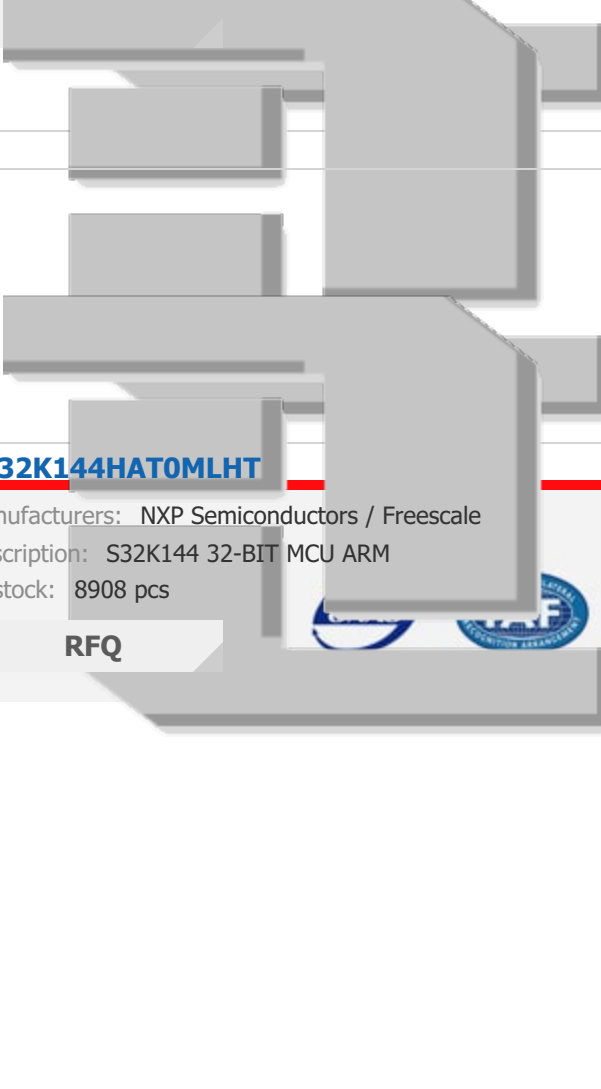
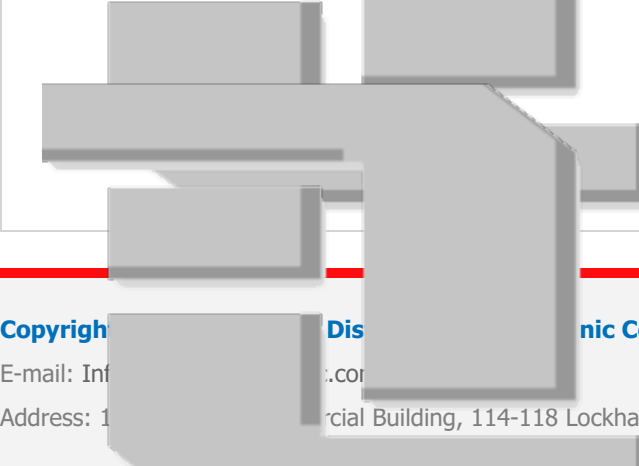
Specifications of FS32K144HAT0CLHT

PART NUMBER	FS32K144HAT0CLHT
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	S32K144 32-BIT MCU ARM CORTEX-M
LEAD FREE STATUS / ROHS STATUS	
QUANTITY AVAILABLE	17068 pcs
DATA SHEET	
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	935347675557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
EEPROM SIZE	4K x 8
DETAILED DESCRIPTION	ARM® Cortex®-M4F S32K Microcontroller IC 32-Bit 80MHz 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

Related Tags

FS32K144HAT0CLHT	FS32K144HAT0CLHT Distributor	FS32K144HAT0CLHT Supplier
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Related Products

	FS32K142URTOVLHT Manufacturers: NXP Description: S32K142 32-BIT MCU ARM In stock: 17191 pcs RFQ		FS32K144HAT0MLLT Manufacturers: NXP Description: S32K144 32-BIT MCU, ARM In stock: 10305 pcs RFQ
	FS32K142URTOVLHR Manufacturers: NXP Description: S32K142 32-BIT MCU ARM In stock: 20365 pcs RFQ		FS32K142UAT0VLHT Manufacturers: NXP Description: S32K142 64 LQFP In stock: 15875 pcs RFQ
	FS32K142UFT0VLLT Manufacturers: NXP Description: S32K144 32-BIT MCU ARM In stock: 7007 pcs RFQ		FS32K142UAT0VLLT Manufacturers: NXP Description: S32K142 100 LQFP In stock: 13269 pcs RFQ
	FS32K144HAT0MLHR Manufacturers: NXP Semiconductors / Freescale Description: S32K144 32-BIT MCU ARM In stock: 15610 pcs		FS32K144HAT0MMHT Manufacturers: NXP Semiconductors / Freescale Description: S32K144 32-BIT MCU ARM In stock: 7738 pcs
	FS32K142UFT0VLHT Manufacturers: NXP Description: S32K142 32-BIT MCU ARM In stock: 4694 pcs RFQ		FS32K144HAT0MLLR Manufacturers: NXP Description: S32K144 32-BIT MCU, ARM In stock: 17497 pcs RFQ
	FS32K144HAT0CLLT Manufacturers: NXP Description: S32K144 32-BIT MCU ARM In stock: 13284 pcs RFQ		FS32K144HAT0MLHT Manufacturers: NXP Semiconductors / Freescale Description: S32K144 32-BIT MCU ARM In stock: 8908 pcs RFQ

