

NXP Semiconductors / Freescale

FS32K144MST0MLHT

Part Number:	FS32K144MST0MLHT
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	S32K144 32-BIT MCU ARM CORTEX-M
Datasheets:	
Stock Condition:	18216 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Specifications of FS32K144MST0MLHT

PART NUMBER	FS32K144MST0MLHT
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	S32K144 32-BIT MCU ARM CORTEX-M
LEAD FREE STATUS / ROHS STATUS	
QUANTITY AVAILABLE	18216 pcs
DATA SHEET	
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	935347693557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
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, I ² C, LINbus, SPI, UART/USART

Related Tags

FS32K144MST0MLHT	FS32K144MST0MLHT Distributor	FS32K144MST0MLHT Supplier
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Related Products

	<p>FS32K144MST0CLHT</p> <p>Manufacturers: NXP Description: S32K144 32-BIT MCU ARM CORTEX-M In stock: 6945 pcs</p> <p>RFQ</p>		<p>FS32K144UAT0VLHT</p> <p>Manufacturers: NXP Description: S32K144 32-BIT MCU ARM In stock: 14752 pcs</p> <p>RFQ</p>
	<p>FS32K144UAT0MLHT</p> <p>Manufacturers: NXP Description: S32K144 32-BIT MCU, ARM In stock: 6763 pcs</p> <p>RFQ</p>		<p>FS32K144UFT0CLLT</p> <p>Manufacturers: NXP Description: S32K144 32-BIT MCU, ARM In stock: 4606 pcs</p> <p>RFQ</p>
	<p>FS32K144UAT0VLRH</p> <p>Manufacturers: NXP Description: S32K144 32-BIT MCU, ARM In stock: 15415 pcs</p> <p>RFQ</p>		<p>FS32K144MNT0VLLT</p> <p>Manufacturers: NXP Description: S32K144 32-BIT MCU ARM CORTEX-M In stock: 15291 pcs</p> <p>RFQ</p>
	<p>FS32K144MRT0CLLT</p> <p>Manufacturers: NXP Description: S32K144 32-BIT MCU, ARM In stock: 15130 pcs</p> <p>RFQ</p>		<p>FS32K144MST0MLHR</p> <p>Manufacturers: NXP Semiconductors / Freescale Description: S32K144 32-BIT MCU ARM CORTEX-M In stock: 17560 pcs</p>
	<p>FS32K144MNT0VLLR</p> <p>Manufacturers: NXP Description: S32K144 32-BIT MCU, ARM CORTEX-M In stock: 23447 pcs</p> <p>RFQ</p>		<p>FS32K144UAT0VLLT</p> <p>Manufacturers: NXP Description: S32K144 32-BIT MCU ARM CORTEX-M In stock: 14724 pcs</p> <p>RFQ</p>
	<p>FS32K144MRT0VLRH</p> <p>Manufacturers: NXP Description: S32K144 32-BIT MCU ARM In stock: 17156 pcs</p> <p>RFQ</p>		<p>FS32K144UAT0VMHT</p> <p>Manufacturers: NXP Semiconductors / Freescale Description: S32K144 100 MAPBGA In stock: 11787 pcs</p> <p>RFQ</p>