

NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

FS32K142HFT0MLLT

Part Number:	FS32K142HFT0MLLT
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	S32K144 32-BIT MCU ARM
Datasheets:	
Stock Condition	17508 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of FS32K142HFT0MLLT

PART NUMBER	FS32K142HFT0MLLT
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	S32K144 32-BIT MCU ARM
LEAD FREE STATUS / ROHS STATUS	
QUANTITY AVAILABLE	17508 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	100-LQFP (14x14)
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	100-LQFP
OTHER NAMES	935362253557
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 80MHz 256KB (256K x 8) FLASH 100-LQFP (14x14)
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

FS32K142HFT0MLLT	FS32K142HFT0MLLT Distributor	FS32K142HFT0MLLT Supplier
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Related Products

FS32K142HAT0MLHT Manufacturers: NXP Semiconductors / Freescale Description: S32K142 32-BIT MCU ARM In stock: 10645 pcs	FS32K142MNT0VLLT Manufacturers: NXP Description: S32K144 32-BIT MCU ARM In stock: 15799 pcs	FS32K142MNT0VLLR Manufacturers: NXP Description: S32K144 32-BIT MCU ARM In stock: 23592 pcs
FS32K142MAT0MLHT Manufacturers: NXP Semiconductors / Freescale Description: S32K142 32-BIT MCU ARM In stock: 2020 pcs	FS312 Manufacturers: Hamlin / Littelfuse Description: DC FLASHER In stock: 1733 pcs	FS32K142HRT0VLHT Manufacturers: NXP Description: S32K142 32-BIT MCU ARM In stock: 17468 pcs
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