

NXP Semiconductors / Freescale



FS32K144HRT0CLLT

Part Number:	FS32K144HRT0CLLT
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	S32K144 32-BIT MCU ARM CORTEX-M
Datasheets:	
Stock Condition	17413 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of FS32K144HRT0CLLT

PART NUMBER	FS32K144HRT0CLLT
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	S32K144 32-BIT MCU ARM CORTEX-M
LEAD FREE STATUS / ROHS STATUS	
QUANTITY AVAILABLE	17413 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	64K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	100-LQFP
OTHER NAMES	935347638557
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 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

FS32K144HRT0CLLT	FS32K144HRT0CLLT Distributor	FS32K144HRT0CLLT Supplier
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FS32K144HRT0CLLT	Supplier	Distributor

Related Products

FS32K144HNT0MLHT Manufacturers: NXP Semiconductors / Freescale Description: S32K144 32-BIT MCU ARM In stock: 17921 pcs	FS32K144HRT0MLLR Manufacturers: NXP Description: S32K144 32-BIT MCU ARM CORTEX-M In stock: 20554 pcs RFQ	FS32K144HRT0MLHT Manufacturers: NXP Semiconductors / Freescale Description: S32K144 32-BIT MCU ARM In stock: 16263 pcs	FS32K144HNT0CLLR Manufacturers: NXP Description: S32K144 32-BIT MCU, ARM CORTEX-M In stock: 18262 pcs RFQ
	FS32K144HRT0VLHT Manufacturers: NXP Description: S32K144 32-BIT MCU, ARM In stock: 18958 pcs RFQ		FS32K144HRT0CLHT Manufacturers: NXP Description: S32K144 32-BIT MCU ARM CORTEX-M In stock: 16671 pcs RFQ
FS32K144HNT0MLHR Manufacturers: NXP Semiconductors / Freescale Description: S32K144 32-BIT MCU ARM In stock: 20278 pcs	FS32K144HRT0VLLR Manufacturers: NXP Description: S32K144 32-BIT MCU ARM CORTEX-M In stock: 21229 pcs RFQ		FS32K144HNT0CLLT Manufacturers: NXP Description: S32K144 32-BIT MCU ARM CORTEX-M In stock: 17505 pcs RFQ
	FS32K144HFT0VLLT Manufacturers: NXP Description: S32K144 32-BIT MCU ARM CORTEX-M In stock: 16007 pcs RFQ		FS32K144HRT0MLLT Manufacturers: NXP Description: S32K144 32-BIT MCU ARM CORTEX-M In stock: 13266 pcs RFQ
		FS32K144HRT0VLHR Manufacturers: NXP Description: S32K144 32-BIT MCU ARM In stock: 19535 pcs RFQ	