

NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

FS32K144HRT0VLLR

Part Number:	FS32K144HRT0VLLR
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	S32K144 32-BIT MCU ARM CORTEX-M
Datasheets:	
Stock Condition	21229 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of FS32K144HRT0VLLR

PART NUMBER	FS32K144HRT0VLLR
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	S32K144 32-BIT MCU ARM CORTEX-M
LEAD FREE STATUS / ROHS STATUS	
QUANTITY AVAILABLE	21229 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	Tape & Reel (TR)
PACKAGE / CASE	100-LQFP
OTHER NAMES	935347642528
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°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

FS32K144HRT0VLLR	FS32K144HRT0VLLR Distributor	FS32K144HRT0VLLR Supplier
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FS32K144HRT0VLLR	Supplier	Distributor

Related Products

FS32K144HRT0VMHT Manufacturers: NXP Semiconductors / Freescale Description: S32K144 100 MAPBGA In stock: 13744 pcs	FS32K144MAT0CMHR Manufacturers: NXP Semiconductors / Freescale Description: S32K144, 100 MAPBGA In stock: 18136 pcs
FS32K144HRT0MLHT Manufacturers: NXP Semiconductors / Freescale Description: S32K144 32-BIT MCU ARM In stock: 16263 pcs	FS32K144MAT0VLHR Manufacturers: NXP Semiconductors / Freescale Description: S32K144 32-BIT MCU ARM In stock: 16373 pcs
FS32K144HRT0VLLR Manufacturers: NXP Description: S32K144 32-BIT MCU ARM CORTEX-M In stock: 17413 pcs RFQ	FS32K144HRT0VMHR Manufacturers: NXP Semiconductors / Freescale Description: S32K144 100 MAPBGA In stock: 19200 pcs
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FS32K144HRT0VLLT Manufacturers: NXP Description: S32K144 32-BIT MCU ARM CORTEX-M In stock: 14249 pcs RFQ	FS32K144HRT0VLHT Manufacturers: NXP Description: S32K144 32-BIT MCU, ARM In stock: 18958 pcs RFQ
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