

NXP Semiconductors / Freescale

FS32K144HRT0VMHR

Part Number:	FS32K144HRT0VMHR
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	S32K144 100 MAPBGA
Datasheets:	
Stock Condition:	19200 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Specifications of FS32K144HRT0VMHR

PART NUMBER	FS32K144HRT0VMHR
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	S32K144 100 MAPBGA
LEAD FREE STATUS / ROHS STATUS	
QUANTITY AVAILABLE	19200 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	100-MAPBGA (11x11)
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-LFBGA
OTHER NAMES	935363046518
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-MAPBGA (11x11)
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

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Related Products

	<p>FS32K144HRT0VLHT</p> <p>Manufacturers: NXP Description: S32K144 32-BIT MCU, ARM In stock: 18958 pcs</p> <p>RFQ</p>		<p>FS32K144HRT0VLLR</p> <p>Manufacturers: NXP Description: S32K144 32-BIT MCU ARM CORTEX-M In stock: 21229 pcs</p> <p>RFQ</p>
	<p>FS32K144HRT0VLHR</p> <p>Manufacturers: NXP Description: S32K144 32-BIT MCU ARM In stock: 19535 pcs</p> <p>RFQ</p>		<p>FS32K144MFT0CLLT</p> <p>Manufacturers: NXP Description: S32K144 32-BIT MCU, ARM In stock: 15035 pcs</p> <p>RFQ</p>
			<p>FS32K144HRT0VLLT</p> <p>Manufacturers: NXP Description: S32K144 32-BIT MCU ARM CORTEX-M In stock: 14249 pcs</p> <p>RFQ</p>
<p>FS32K144HRT0VMHT</p> <p>Manufacturers: NXP Semiconductors / Freescale Description: S32K144 100 MAPBGA In stock: 13744 pcs</p>			<p>FS32K144HRT0MLLT</p> <p>Manufacturers: NXP Description: S32K144 32-BIT MCU ARM CORTEX-M In stock: 13266 pcs</p> <p>RFQ</p>
<p>FS32K144MAT0CMHR</p> <p>Manufacturers: NXP Semiconductors / Freescale Description: S32K144, 100 MAPBGA In stock: 18136 pcs</p>	<p>FS32K144HRT0MLLR</p> <p>Manufacturers: NXP Description: S32K144 32-BIT MCU ARM CORTEX-M In stock: 20554 pcs</p> <p>RFQ</p>		<p>FS32K144MAT0VLHT</p> <p>Manufacturers: NXP Description: S32K144 32-BIT MCU ARM In stock: 14762 pcs</p> <p>RFQ</p>
<p>FS32K144MAT0VLHR</p> <p>Manufacturers: NXP Semiconductors / Freescale Description: S32K144 32-BIT MCU ARM In stock: 16373 pcs</p> <p>RFQ</p>	<p>FS32K144MAT0CMHT</p> <p>Manufacturers: NXP Semiconductors / Freescale Description: S32K144, 100 MAPBGA In stock: 14897 pcs</p> <p>RFQ</p>		

