

NXP Semiconductors / Freescale

### FS32K144MAT0CMHR

Part Number:	FS32K144MAT0CMHR
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	S32K144, 100 MAPBGA
Datasheets:	
Stock Condition:	18136 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

**REQUEST FOR QUOTATION**

#### Specifications of FS32K144MAT0CMHR

PART NUMBER	FS32K144MAT0CMHR
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	S32K144, 100 MAPBGA
LEAD FREE STATUS / ROHS STATUS	
QUANTITY AVAILABLE	18136 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	100-MAPBGA (11x11)
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	Tape & Reel (TR)
PACKAGE / CASE	100-LFBGA
OTHER NAMES	935362117518
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 64MHz 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 <sup>2</sup> C, LINbus, SPI, UART/USART

#### Related Tags

FS32K144MAT0CMHR	FS32K144MAT0CMHR Distributor	FS32K144MAT0CMHR Supplier
FS32K144MAT0CMHR Price	FS32K144MAT0CMHR Pictures	FS32K144MAT0CMHR Image
FS32K144MAT0CMHR PDF Datasheet	FS32K144MAT0CMHR Download Datasheet	FS32K144MAT0CMHR Datasheet
FS32K144MAT0CMHR Stock	Buy FS32K144MAT0CMHR	Buy FS32K144MAT0CMHR
FS32K144MAT0CMHR	Supplier	Distributor

#### Related Products

	<p><b>FS32K144HRT0VLLT</b></p> <p>Manufacturers: NXP Description: S32K144 32-BIT MCU ARM CORTEX-M In stock: 14249 pcs</p> <p><b>RFQ</b></p>		<p><b>FS32K144MFT0VLHR</b></p> <p>Manufacturers: NXP Description: S32K144 32-BIT MCU, ARM In stock: 22072 pcs</p> <p><b>RFQ</b></p>
	<p><b>FS32K144HRT0VLMHT</b></p> <p>Manufacturers: NXP Semiconductors / Freescale Description: S32K144 100 MAPBGA In stock: 13744 pcs</p> <p><b>RFQ</b></p>		<p><b>FS32K144HRT0VLHR</b></p> <p>Manufacturers: NXP Description: S32K144 32-BIT MCU ARM In stock: 19535 pcs</p> <p><b>RFQ</b></p>
	<p><b>FS32K144MAT0VLHT</b></p> <p>Manufacturers: NXP Description: S32K144 32-BIT MCU ARM In stock: 14762 pcs</p> <p><b>RFQ</b></p>		<p><b>FS32K144MFT0VLHT</b></p> <p>Manufacturers: NXP Description: S32K144 32-BIT MCU, ARM In stock: 19650 pcs</p> <p><b>RFQ</b></p>
	<p><b>FS32K144HRT0VLLR</b></p> <p>Manufacturers: NXP Description: S32K144 32-BIT MCU ARM CORTEX-M In stock: 21229 pcs</p> <p><b>RFQ</b></p>		<p><b>FS32K144MAT0CMHT</b></p> <p>Manufacturers: NXP Semiconductors / Freescale Description: S32K144, 100 MAPBGA In stock: 14897 pcs</p> <p><b>RFQ</b></p>
	<p><b>FS32K144HRT0VMHR</b></p> <p>Manufacturers: NXP Semiconductors / Freescale Description: S32K144 100 MAPBGA In stock: 19200 pcs</p> <p><b>RFQ</b></p>		<p><b>FS32K144HRT0VLHT</b></p> <p>Manufacturers: NXP Description: S32K144 32-BIT MCU, ARM In stock: 18958 pcs</p> <p><b>RFQ</b></p>
	<p><b>FS32K144MFT0CLLT</b></p> <p>Manufacturers: NXP Description: S32K144 32-BIT MCU, ARM In stock: 15035 pcs</p> <p><b>RFQ</b></p>		<p><b>FS32K144MAT0VLHR</b></p> <p>Manufacturers: NXP Semiconductors / Freescale Description: S32K144 32-BIT MCU ARM In stock: 16373 pcs</p> <p><b>RFQ</b></p>

